

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142775.D
 Acq On : 18 Jun 2025 13:16
 Operator : RC/JU
 Sample : PB168505BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168505BS

Quant Time: Jun 18 13:40:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	81144	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	313547	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	171493	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	297764	20.000	ng	0.00
76) Chrysene-d12	14.063	240	180043	20.000	ng	0.00
86) Perylene-d12	15.551	264	177074	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	642728	134.903	ng	0.01
7) Phenol-d6	6.516	99	771821	137.654	ng	0.00
23) Nitrobenzene-d5	7.451	82	480756	83.913	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	252842	134.523	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1056545	81.851	ng	-0.01
79) Terphenyl-d14	13.004	244	1040355	79.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	74572	39.550	ng	98
3) Pyridine	3.498	79	207094	43.804	ng	97
4) n-Nitrosodimethylamine	3.451	42	119981	49.601	ng	98
6) Aniline	6.545	93	268193	35.738	ng	# 88
8) 2-Chlorophenol	6.669	128	251296	48.265	ng	100
9) Benzaldehyde	6.434	77	160795	46.309	ng	99
10) Phenol	6.534	94	294467	47.248	ng	91
11) bis(2-Chloroethyl)ether	6.622	93	219469	47.146	ng	99
12) 1,3-Dichlorobenzene	6.828	146	269109	45.290	ng	99
13) 1,4-Dichlorobenzene	6.904	146	275083	45.809	ng	100
14) 1,2-Dichlorobenzene	7.051	146	262483	45.600	ng	99
15) Benzyl Alcohol	7.028	79	205058	48.387	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	347100	47.358	ng	97
17) 2-Methylphenol	7.139	107	193901	48.579	ng	99
18) Hexachloroethane	7.398	117	96483	44.834	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	165914	46.481	ng	99
20) 3+4-Methylphenols	7.292	107	241587	48.009	ng	97
22) Acetophenone	7.292	105	324787	46.567	ng	95
24) Nitrobenzene	7.469	77	243375	47.863	ng	98
25) Isophorone	7.710	82	445423	45.918	ng	99
26) 2-Nitrophenol	7.786	139	135453	47.732	ng	97
27) 2,4-Dimethylphenol	7.822	122	231910	47.999	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	280246	46.532	ng	99
29) 2,4-Dichlorophenol	8.028	162	211297	47.388	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	228090	46.293	ng	100
31) Naphthalene	8.192	128	725594	46.792	ng	100
32) Benzoic acid	7.945	122	133411	49.030	ng	100
33) 4-Chloroaniline	8.239	127	141096	22.662	ng	98
34) Hexachlorobutadiene	8.304	225	140810	44.847	ng	100
35) Caprolactam	8.610	113	32529	27.026	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	222768	48.048	ng	99
37) 2-Methylnaphthalene	8.880	142	453908	46.246	ng	99
38) 1-Methylnaphthalene	8.980	142	471310	46.353	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	228887	46.114	ng	99
41) Hexachlorocyclopentadiene	9.033	237	286982	90.085	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	155222	48.311	ng	99

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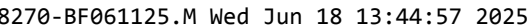
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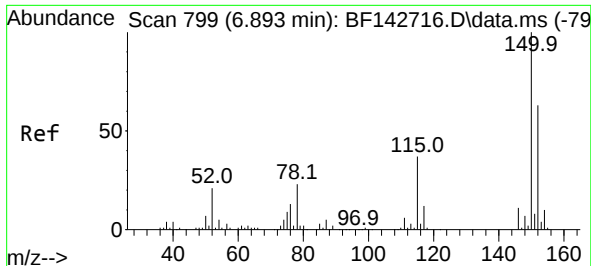
Quant Time: Jun 18 13:40:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	166627	48.016	ng	99
46) 1,1'-Biphenyl	9.345	154	626959	47.081	ng	99
47) 2-Chloronaphthalene	9.375	162	460694	46.958	ng	99
48) 2-Nitroaniline	9.469	65	139312	49.926	ng	99
49) Acenaphthylene	9.792	152	786712	47.558	ng	100
50) Dimethylphthalate	9.651	163	546748	47.743	ng	100
51) 2,6-Dinitrotoluene	9.710	165	120652	48.747	ng	92
52) Acenaphthene	9.963	154	536473	52.306	ng	100
53) 3-Nitroaniline	9.880	138	73550	27.397	ng	100
54) 2,4-Dinitrophenol	9.992	184	143372	105.748	ng	91
55) Dibenzofuran	10.133	168	688889	47.168	ng	99
56) 4-Nitrophenol	10.045	139	196655	108.007	ng	95
57) 2,4-Dinitrotoluene	10.116	165	166124	50.764	ng	95
58) Fluorene	10.480	166	542310	47.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	137884	47.228	ng	98
60) Diethylphthalate	10.351	149	548034	48.261	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	258555	45.904	ng	99
62) 4-Nitroaniline	10.498	138	126267	52.574	ng	100
63) Azobenzene	10.627	77	475219	47.917	ng	100
65) 4,6-Dinitro-2-methylph...	10.527	198	89835	48.178	ng	95
66) n-Nitrosodiphenylamine	10.586	169	476429	46.548	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	162420	46.211	ng	97
68) Hexachlorobenzene	11.027	284	178602	45.778	ng	98
69) Atrazine	11.116	200	150200	55.042	ng	99
70) Pentachlorophenol	11.222	266	199885	97.737	ng	99
71) Phenanthrene	11.439	178	763726	47.875	ng	100
72) Anthracene	11.492	178	772918	46.837	ng	99
73) Carbazole	11.645	167	704704	51.010	ng	100
74) Di-n-butylphthalate	11.974	149	803587	52.092	ng	100
75) Fluoranthene	12.633	202	762235	50.250	ng	99
77) Benzidine	12.751	184	299880	46.769	ng	99
78) Pyrene	12.863	202	764552	45.696	ng	100
80) Butylbenzylphthalate	13.474	149	277467	56.080	ng	99
81) Benzo(a)anthracene	14.051	228	590561	49.499	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	81013	21.057	ng	98
83) Chrysene	14.086	228	533597	48.441	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	364277	49.059	ng	100
85) Di-n-octyl phthalate	14.651	149	602523	42.295	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	599869	45.714	ng	99
88) Benzo(b)fluoranthene	15.115	252	521786	50.045	ng	99
89) Benzo(k)fluoranthene	15.145	252	490802	48.516	ng	100
90) Benzo(a)pyrene	15.492	252	492846	49.715	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	494234	46.127	ng	99
92) Benzo(g,h,i)perylene	17.527	276	486563	45.667	ng	98

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

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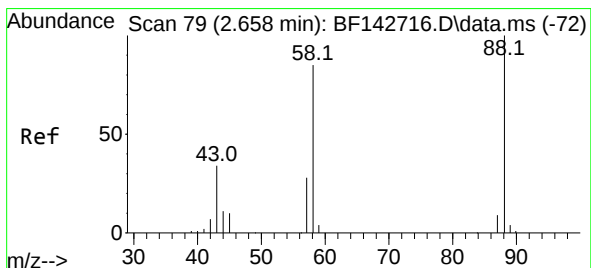
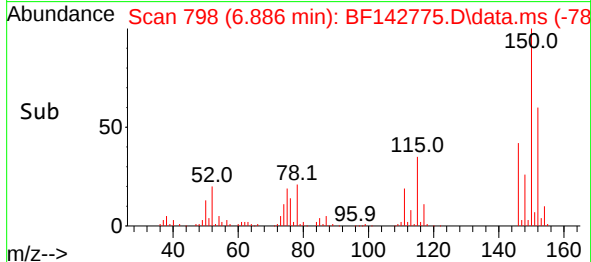
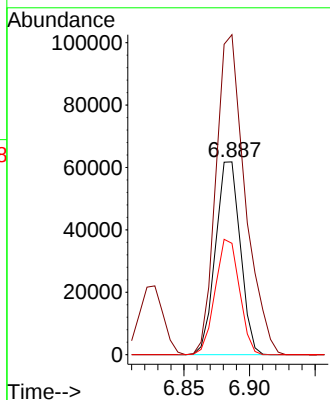
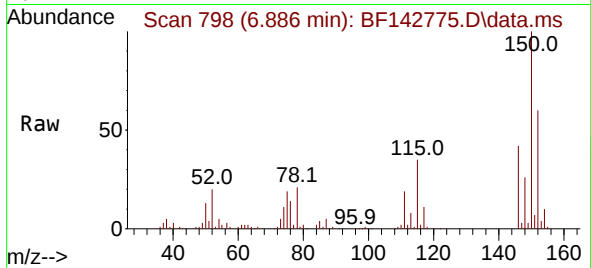




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142775.D
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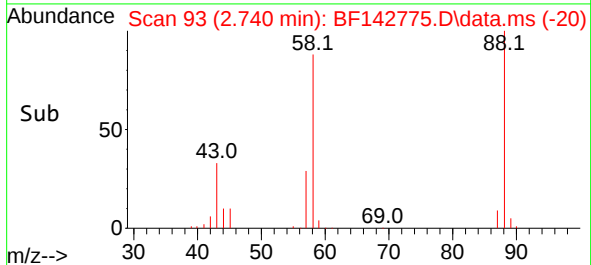
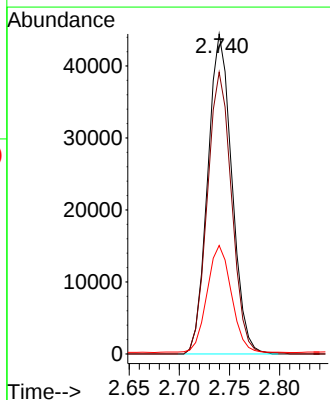
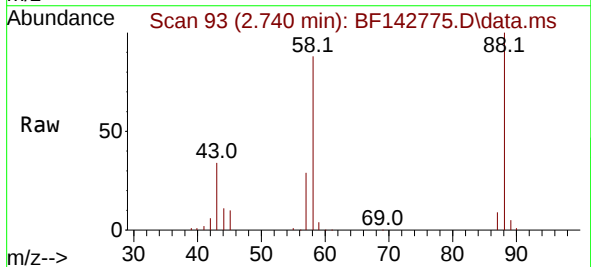
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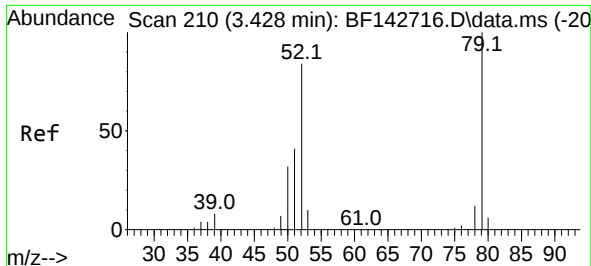
Tgt Ion:152 Resp: 81144
Ion Ratio Lower Upper
152 100
150 165.9 126.9 190.3
115 57.8 47.0 70.6



#2
1,4-Dioxane
Concen: 39.550 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.082 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion: 88 Resp: 74572
Ion Ratio Lower Upper
88 100
58 88.6 68.4 102.6
43 33.8 27.0 40.6

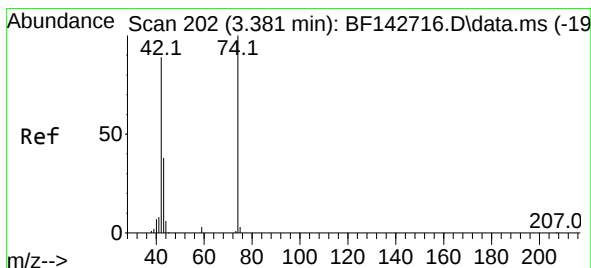
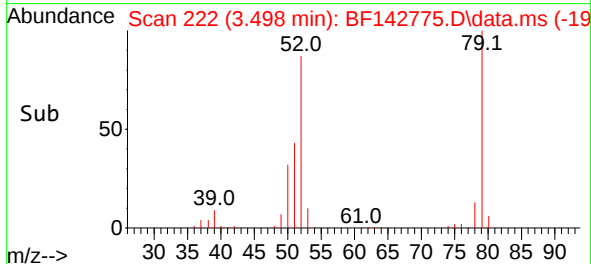
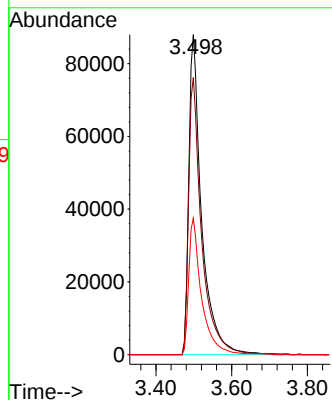
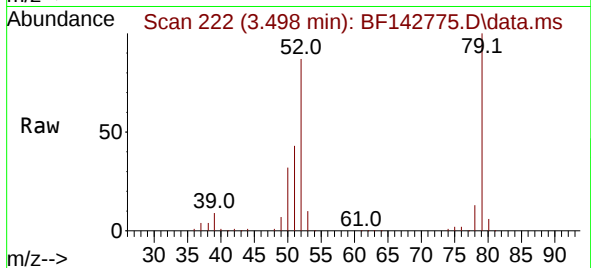




#3
Pyridine
Concen: 43.804 ng
RT: 3.498 min Scan# 210
Delta R.T. 0.070 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

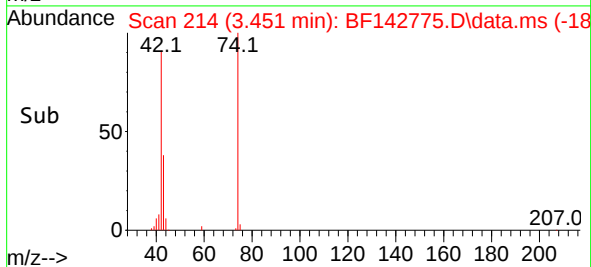
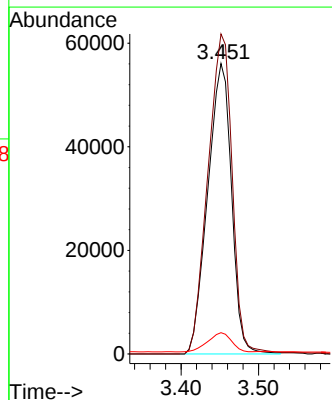
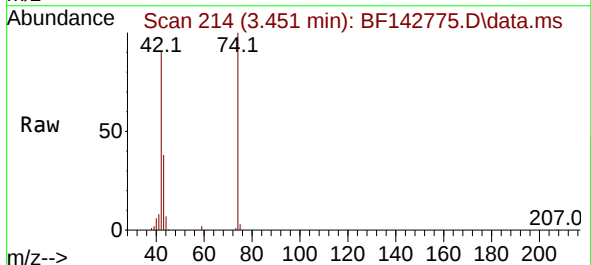
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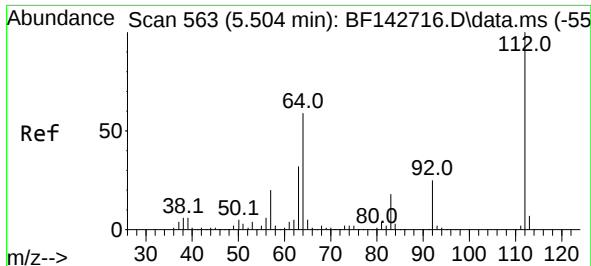
Tgt Ion: 79 Resp: 207094
Ion Ratio Lower Upper
79 100
52 86.6 67.1 100.7
51 42.7 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 49.601 ng
RT: 3.451 min Scan# 214
Delta R.T. 0.070 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion: 42 Resp: 119981
Ion Ratio Lower Upper
42 100
74 110.2 89.6 134.4
44 7.3 5.4 8.2

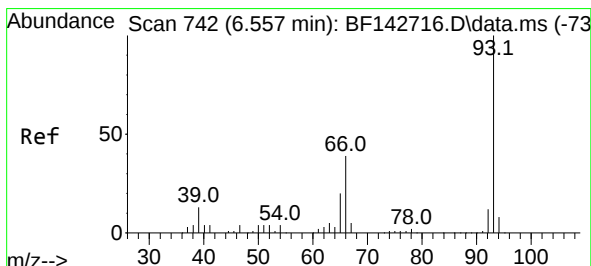
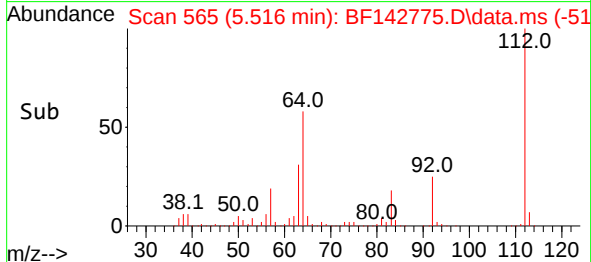
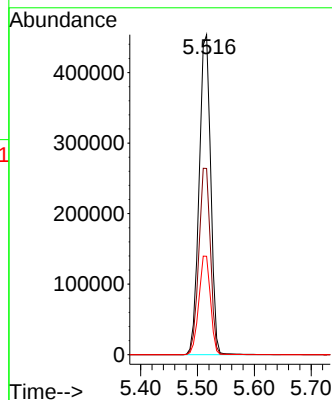
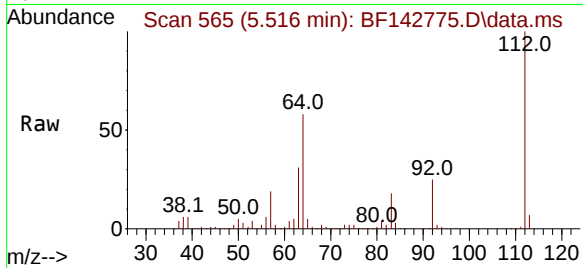




#5
2-Fluorophenol
Concen: 134.903 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

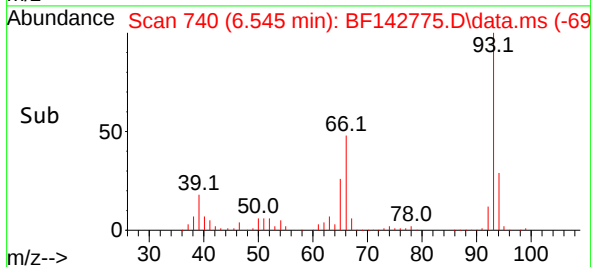
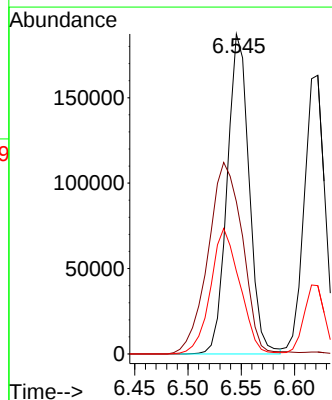
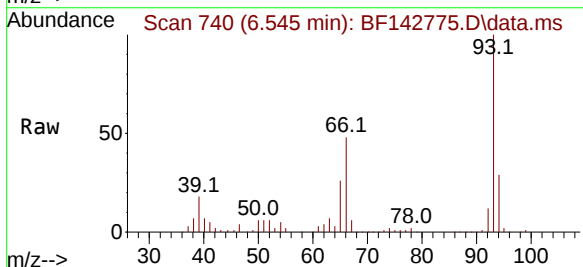
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ClientSampleId :
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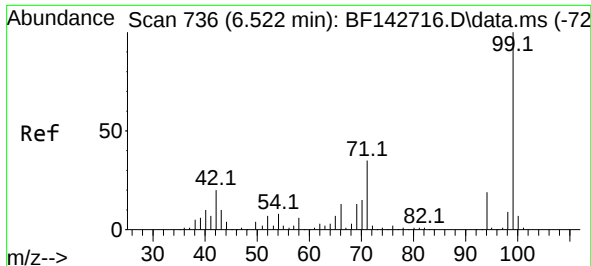
Tgt Ion:112 Resp: 642728
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.2
63 30.8 25.4 38.0



#6
Aniline
Concen: 35.738 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion: 93 Resp: 268193
Ion Ratio Lower Upper
93 100
66 47.6 32.0 48.0
65 25.9 16.1 24.1#

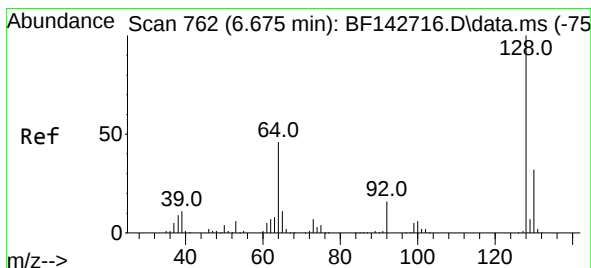
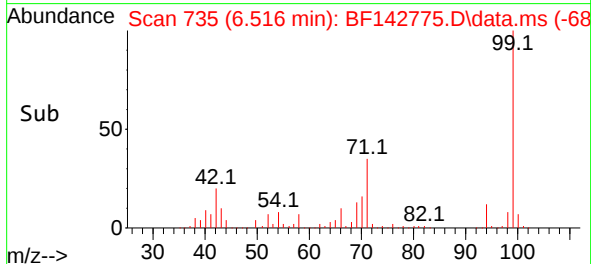
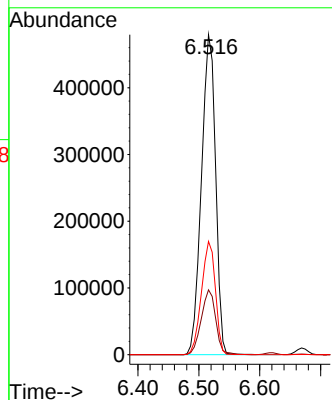
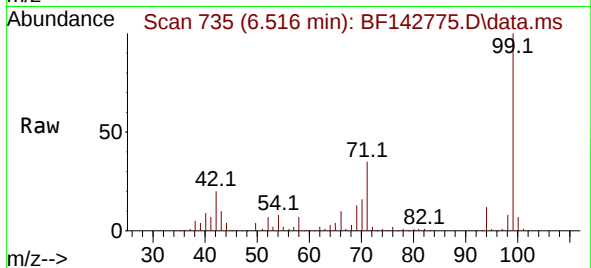




#7
Phenol-d6
Concen: 137.654 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

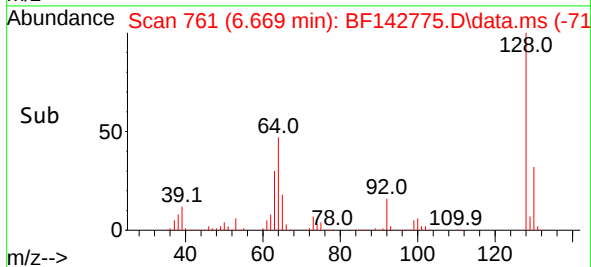
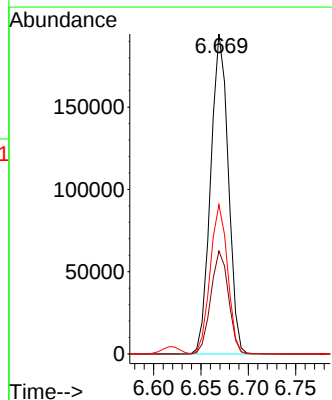
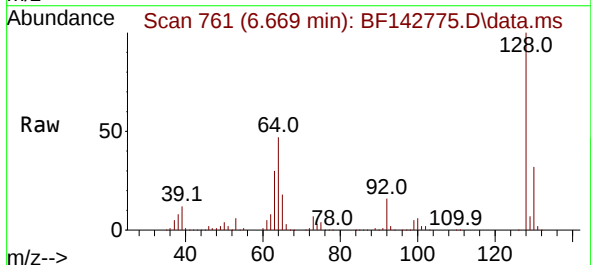
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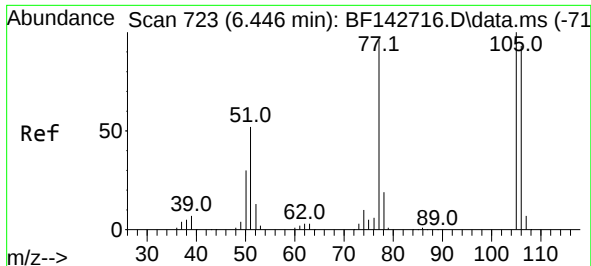
Tgt Ion: 99 Resp: 771821
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 35.4 28.0 42.0



#8
2-Chlorophenol
Concen: 48.265 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion: 128 Resp: 251296
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 46.7 26.5 66.5

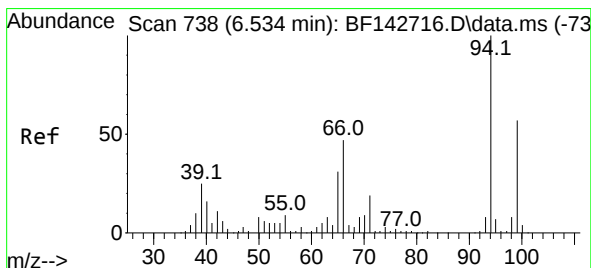
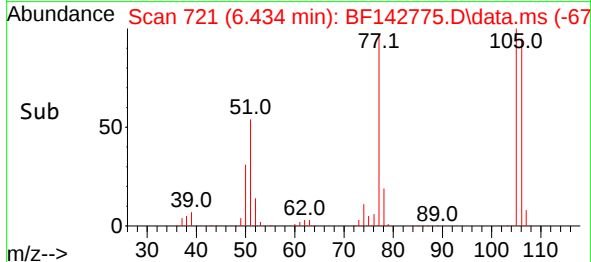
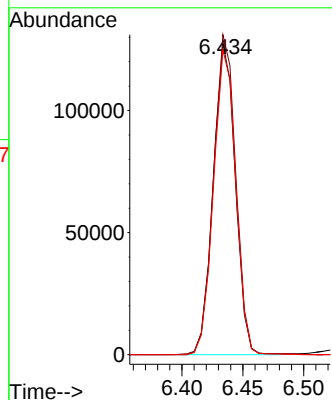
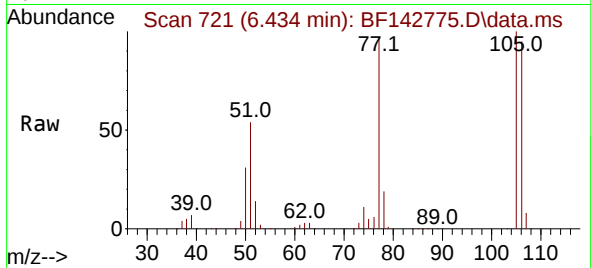




#9
Benzaldehyde
Concen: 46.309 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

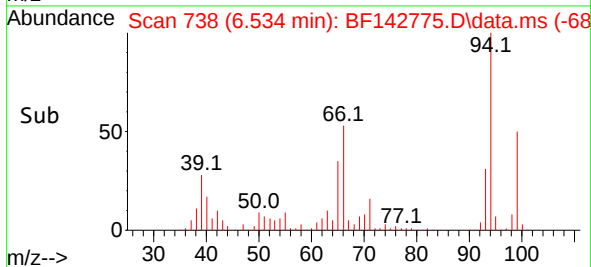
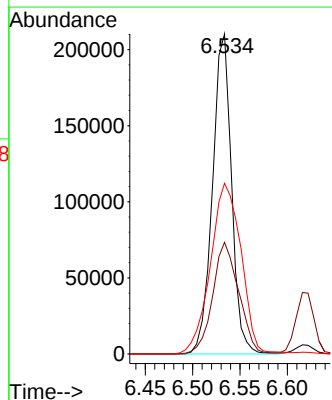
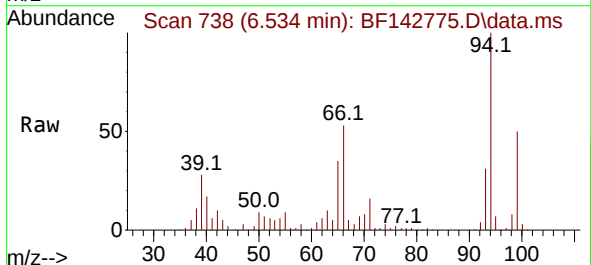
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ClientSampleId :
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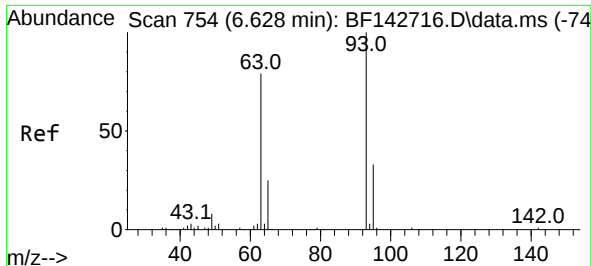
Tgt Ion: 77 Resp: 160795
Ion Ratio Lower Upper
77 100
105 102.7 84.1 124.1
106 97.7 77.2 117.2



#10
Phenol
Concen: 47.248 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion: 94 Resp: 294467
Ion Ratio Lower Upper
94 100
65 34.9 11.4 51.4
66 53.3 26.7 66.7

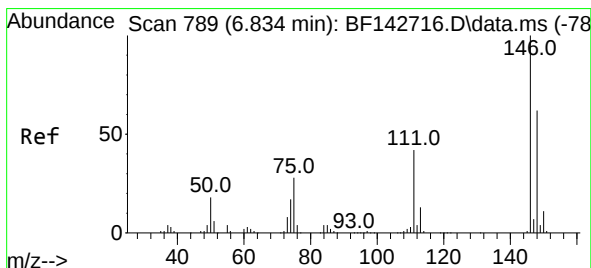
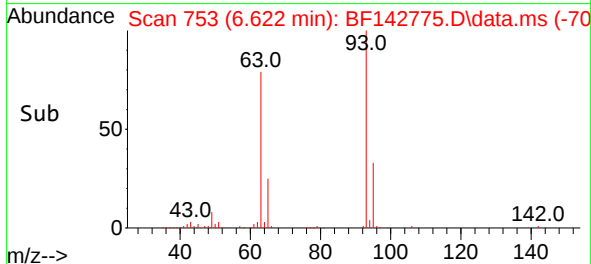
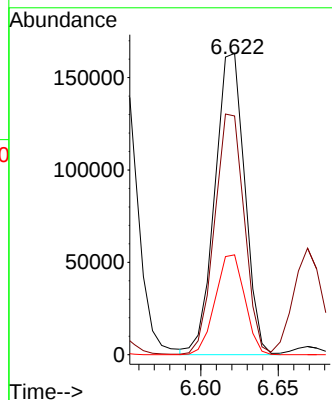
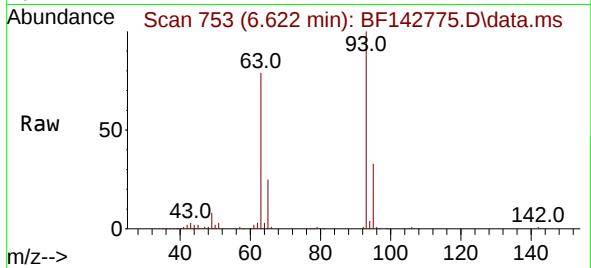




#11
bis(2-Chloroethyl)ether
Concen: 47.146 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

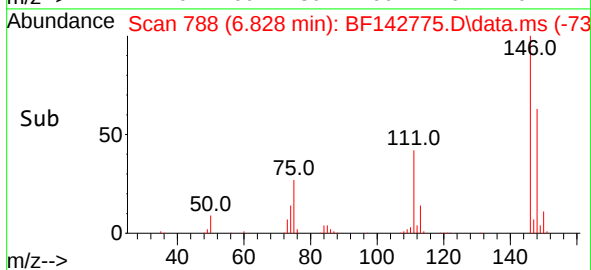
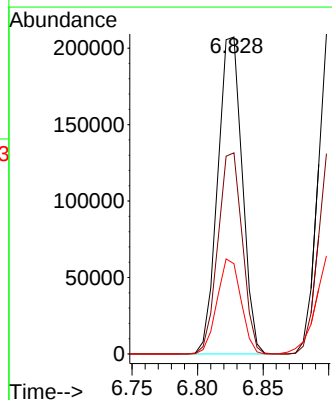
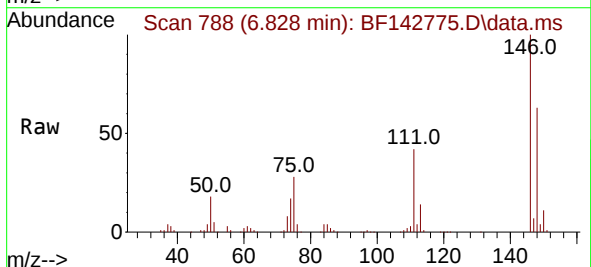
Instrument :
BNA_F
ClientSampleId :
PB168505BS

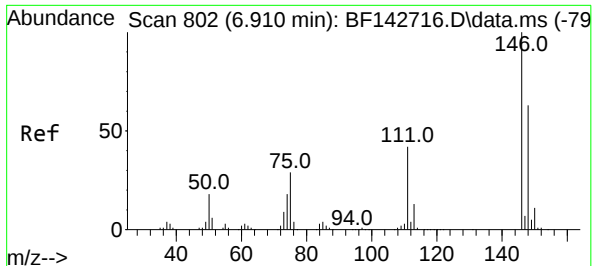
Tgt Ion: 93 Resp: 219469
Ion Ratio Lower Upper
93 100
63 79.2 58.3 98.3
95 33.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 45.290 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:146 Resp: 269109
Ion Ratio Lower Upper
146 100
148 63.5 49.9 74.9
75 28.5 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 45.809 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

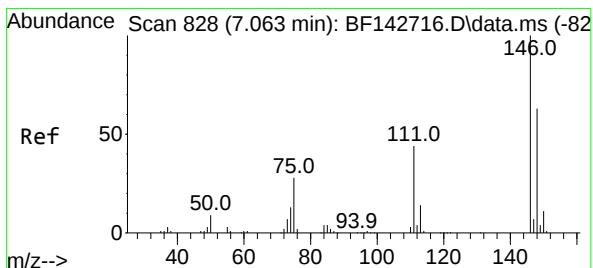
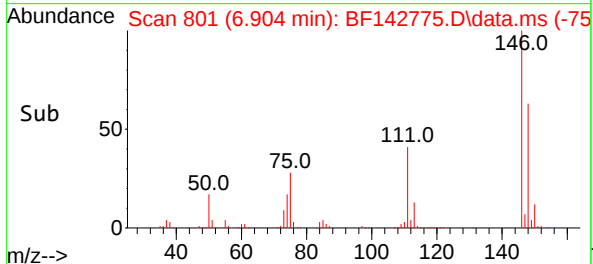
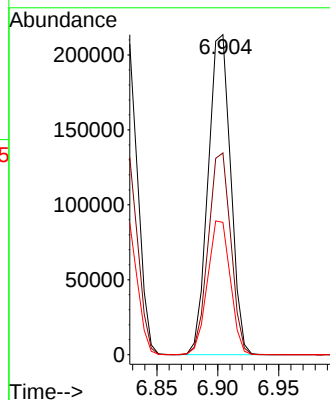
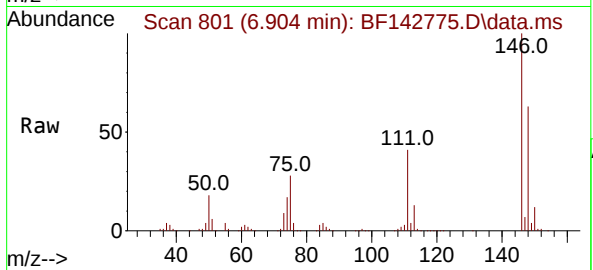
Tgt Ion:146 Resp: 275083

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.3 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 45.600 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

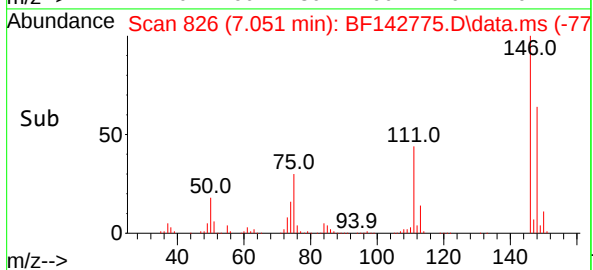
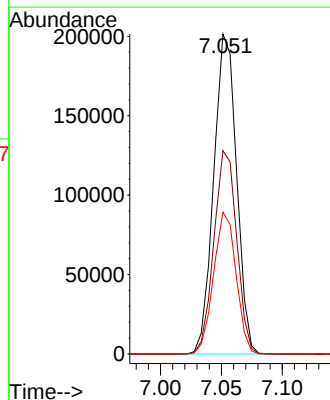
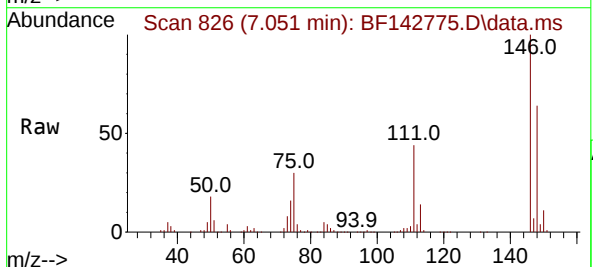
Tgt Ion:146 Resp: 262483

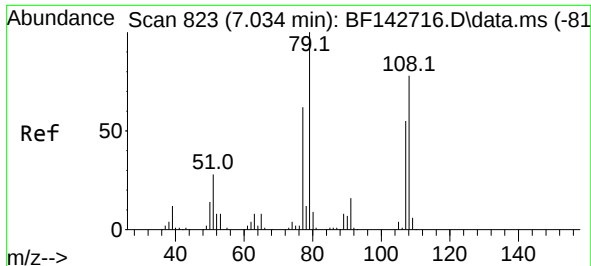
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 44.3 35.2 52.8

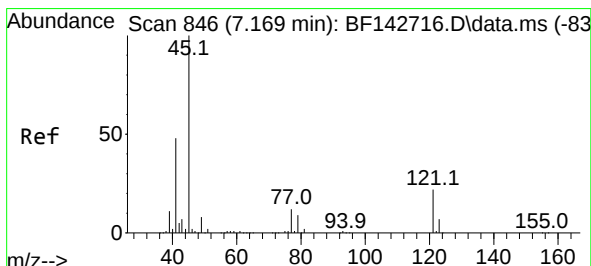
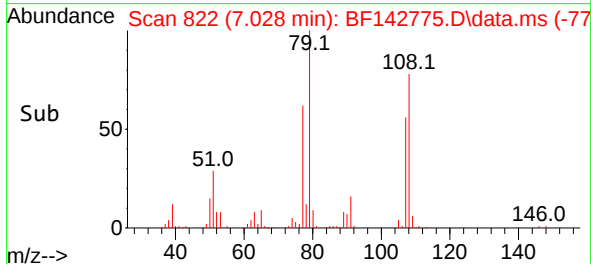
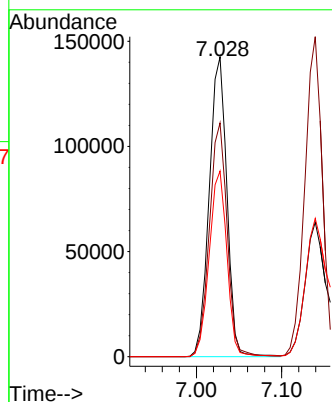
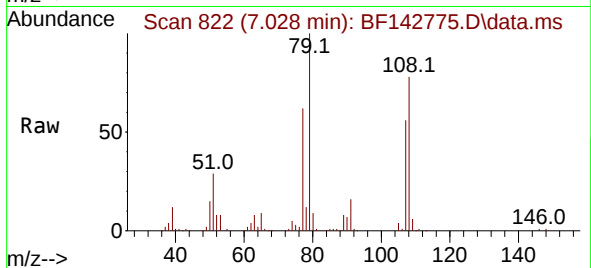




#15
Benzyl Alcohol
Concen: 48.387 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

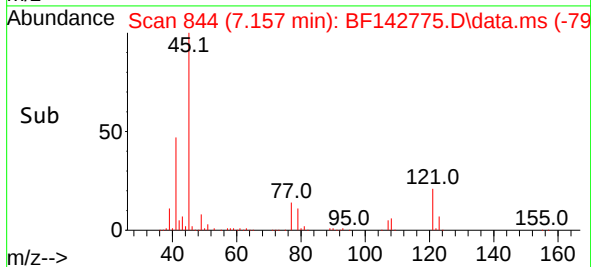
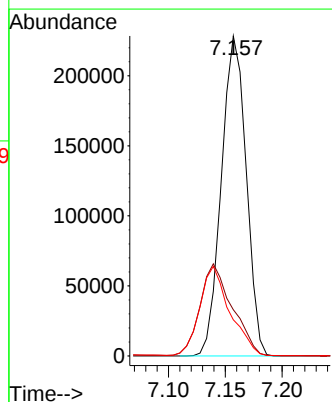
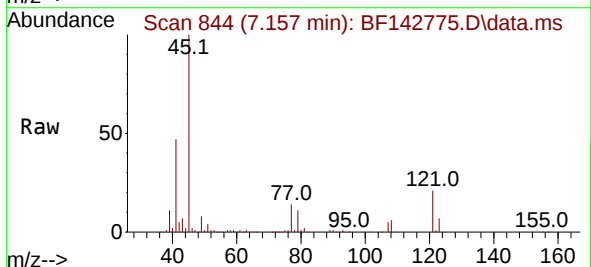
Instrument :
BNA_F
ClientSampleId :
PB168505BS

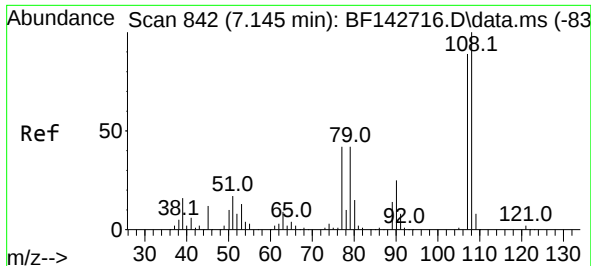
Tgt Ion: 79 Resp: 205058
Ion Ratio Lower Upper
79 100
108 78.0 62.6 94.0
77 61.9 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.358 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion: 45 Resp: 347100
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.1
79 11.3 0.0 30.5

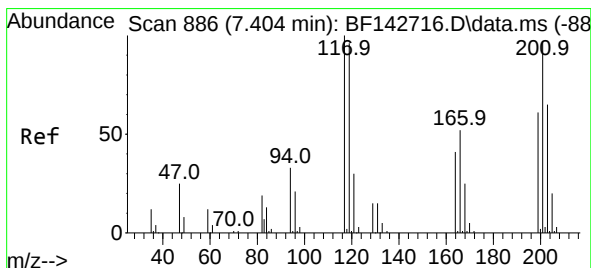
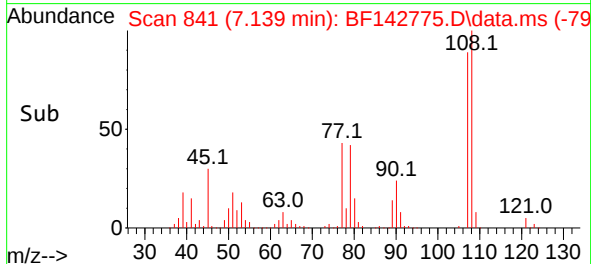
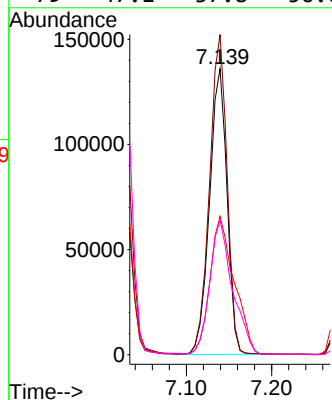
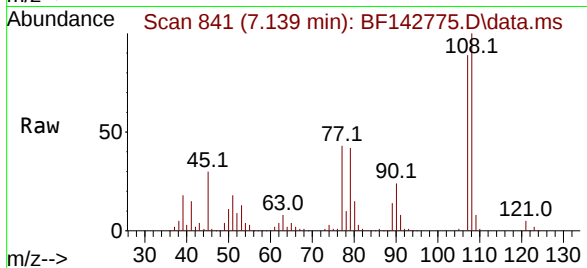




#17
2-Methylphenol
Concen: 48.579 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

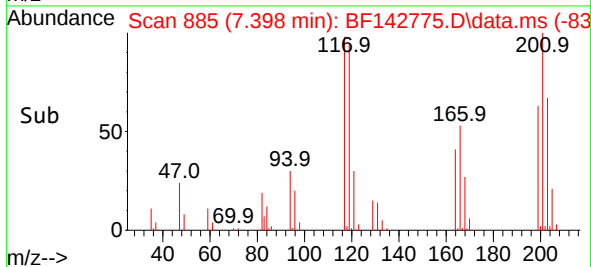
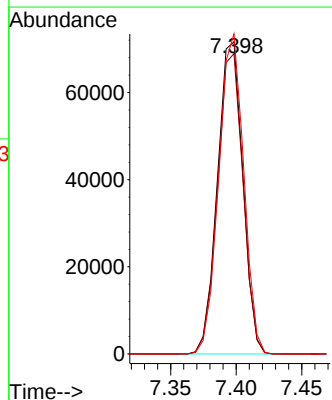
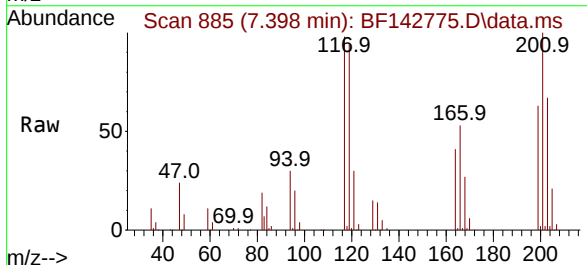
Instrument :
BNA_F
ClientSampleId :
PB168505BS

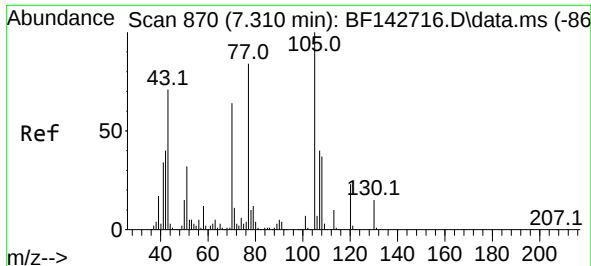
Tgt Ion:107 Resp: 193901
Ion Ratio Lower Upper
107 100
108 111.9 90.0 135.0
77 48.4 38.2 57.2
79 47.1 37.8 56.6



#18
Hexachloroethane
Concen: 44.834 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:117 Resp: 96483
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6
201 102.5 77.8 116.6



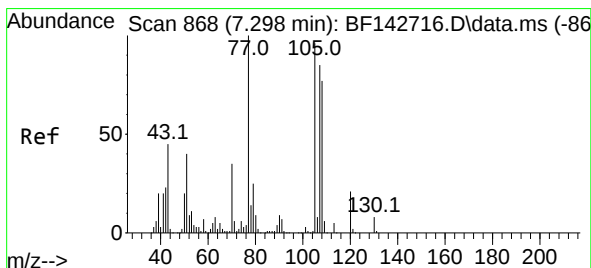
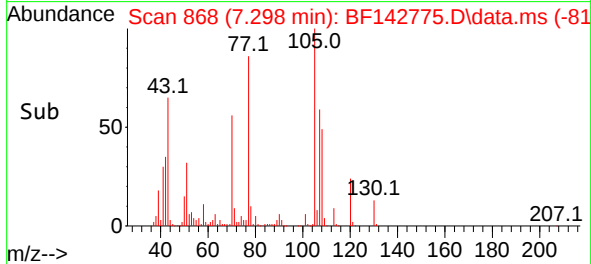
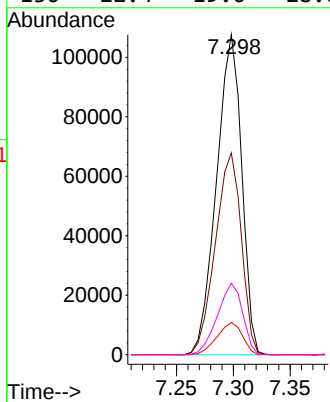
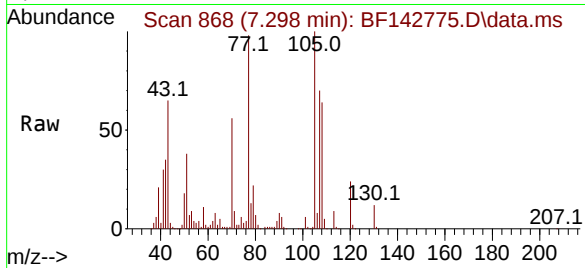


#19
n-Nitroso-di-n-propylamine
Concen: 46.481 ng
RT: 7.298 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Instrument :
BNA_F
ClientSampleId :
PB168505BS

Tgt Ion: 70 Resp: 165914

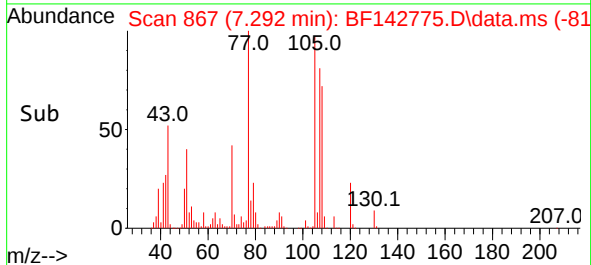
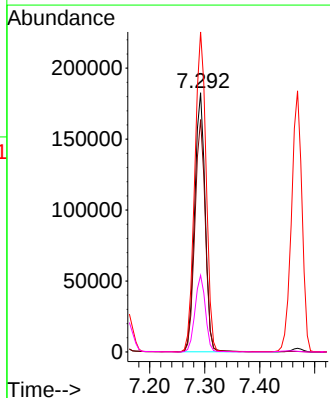
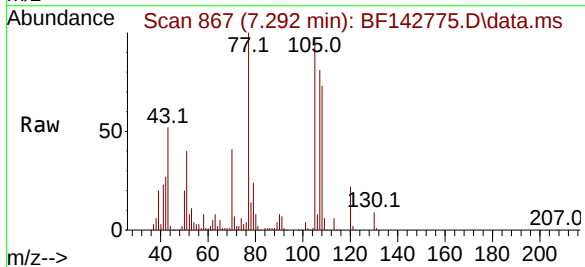
Ion	Ratio	Lower	Upper
70	100		
42	63.1	50.2	75.4
101	10.1	8.3	12.5
130	22.4	19.0	28.6

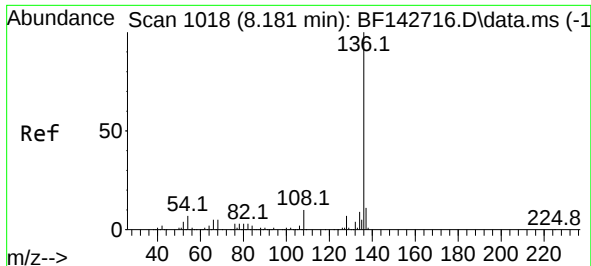


#20
3+4-Methylphenols
Concen: 48.009 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion: 107 Resp: 241587

Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.9	109.9
77	123.4	97.4	137.4
79	29.5	9.4	49.4

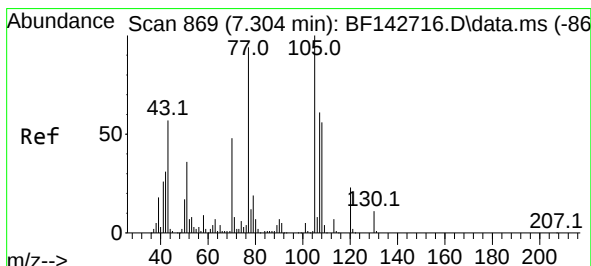
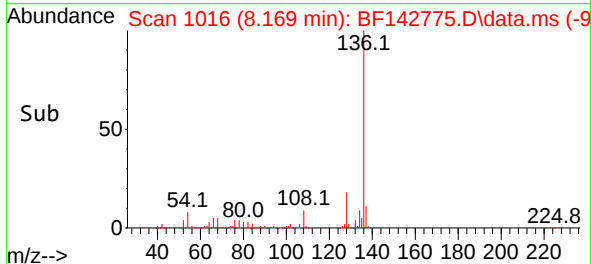
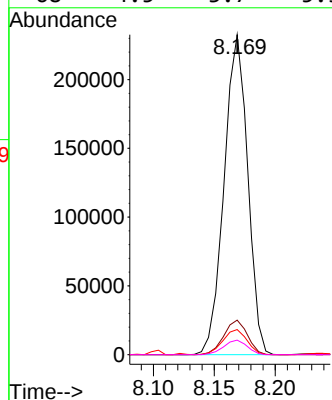
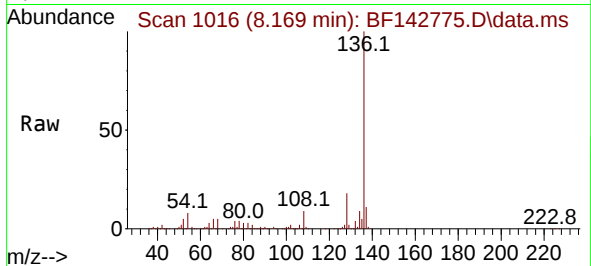




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

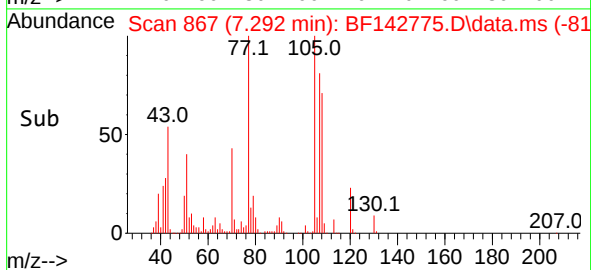
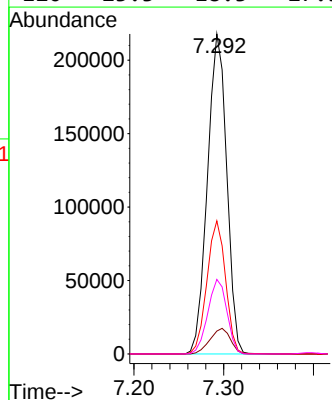
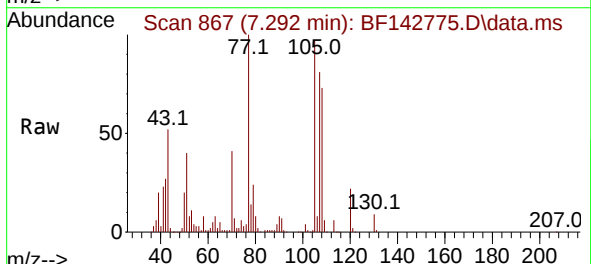
Instrument :
BNA_F
ClientSampleId :
PB168505BS

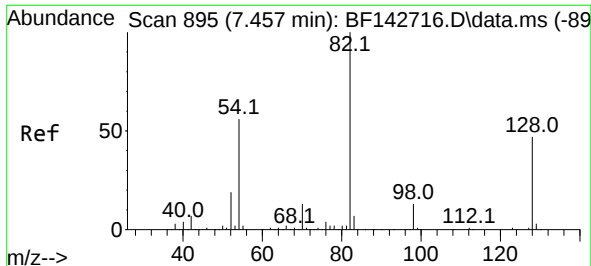
Tgt Ion:136 Resp: 313547
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 5.9 8.9
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 46.567 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:105 Resp: 324787
Ion Ratio Lower Upper
105 100
71 7.2 6.4 9.6
51 41.6 29.1 43.7
120 23.3 18.3 27.5





#23

Nitrobenzene-d5

Concen: 83.913 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

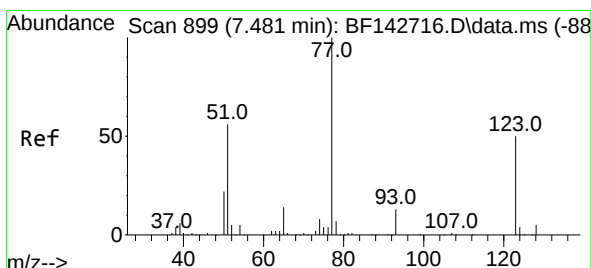
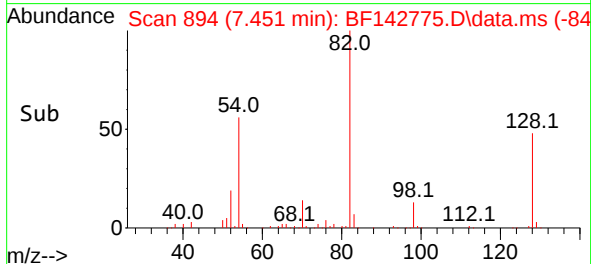
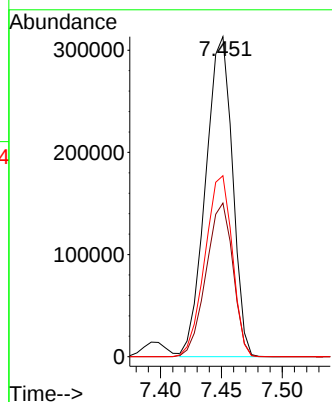
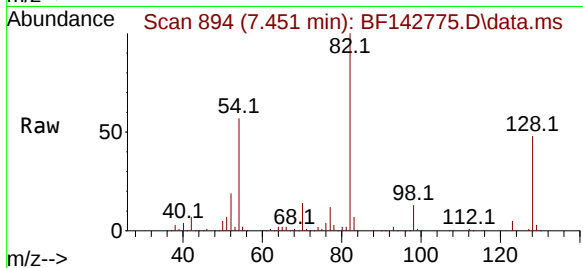
Tgt Ion: 82 Resp: 480756

Ion Ratio Lower Upper

82 100

128 48.0 37.8 56.8

54 56.5 44.9 67.3



#24

Nitrobenzene

Concen: 47.863 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

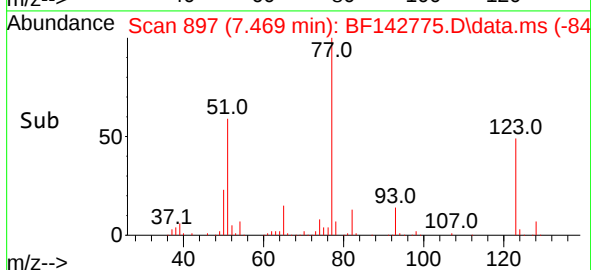
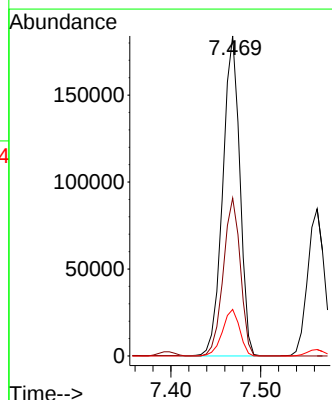
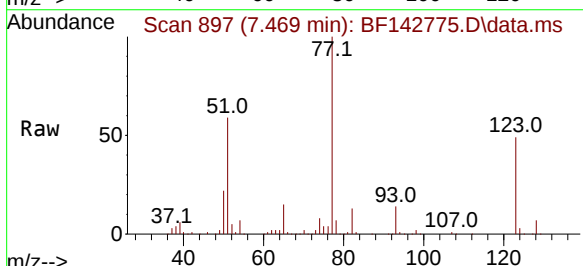
Tgt Ion: 77 Resp: 243375

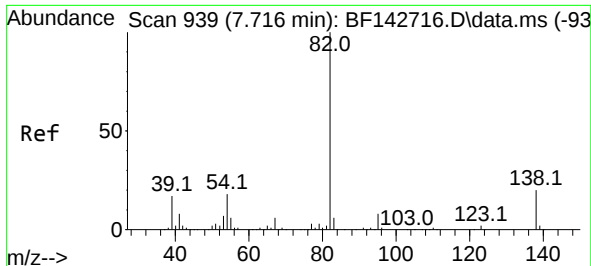
Ion Ratio Lower Upper

77 100

123 49.4 40.8 61.2

65 14.6 11.5 17.3

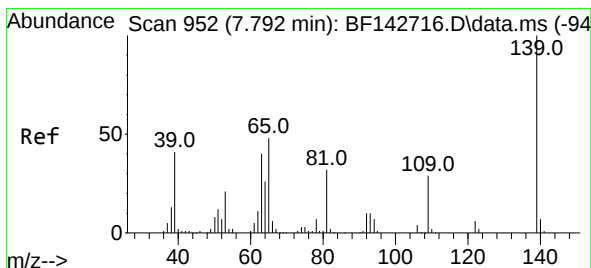
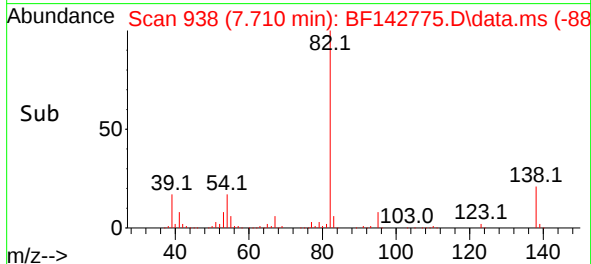
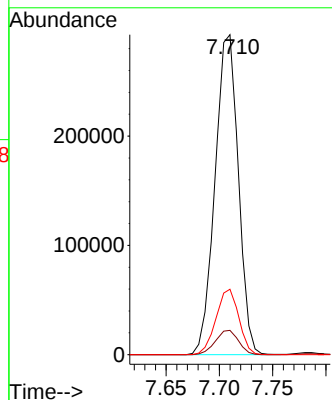
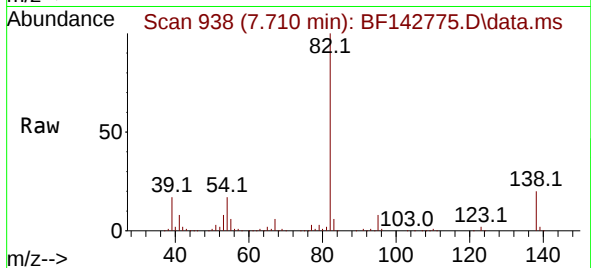




#25
Isophorone
Concen: 45.918 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

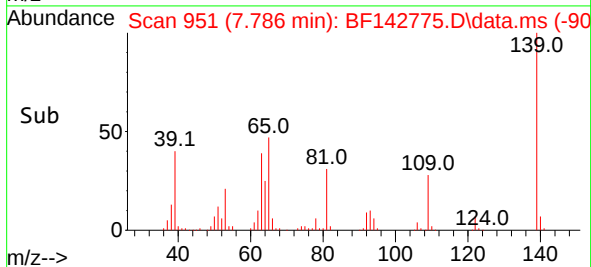
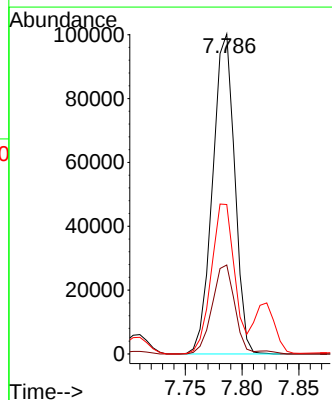
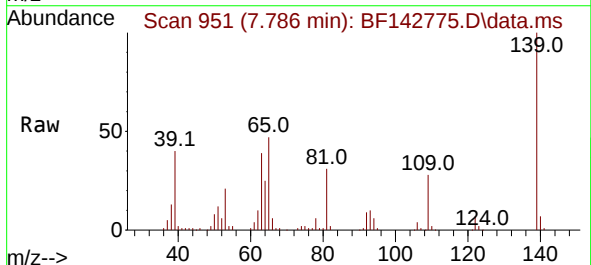
Instrument :
BNA_F
ClientSampleId :
PB168505BS

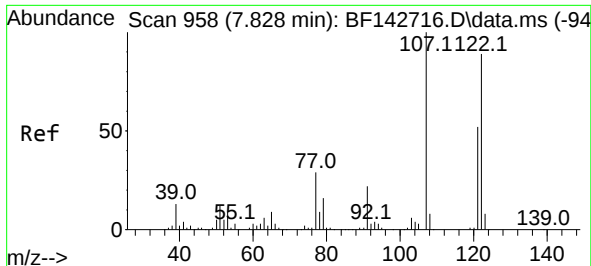
Tgt Ion: 82 Resp: 445423
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.5 15.8 23.6



#26
2-Nitrophenol
Concen: 47.732 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:139 Resp: 135453
Ion Ratio Lower Upper
139 100
109 27.8 23.4 35.2
65 46.7 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 47.999 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

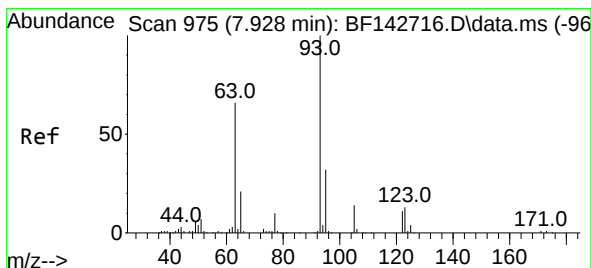
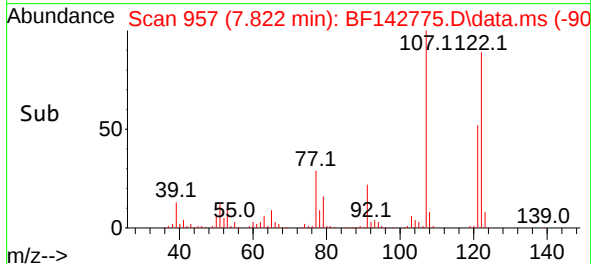
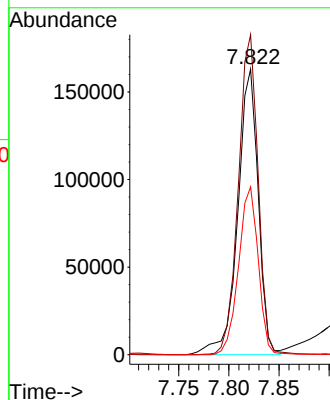
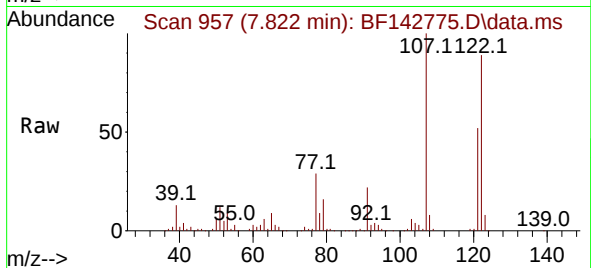
Tgt Ion:122 Resp: 231910

Ion Ratio Lower Upper

122 100

107 112.0 90.4 135.6

121 58.8 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.532 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

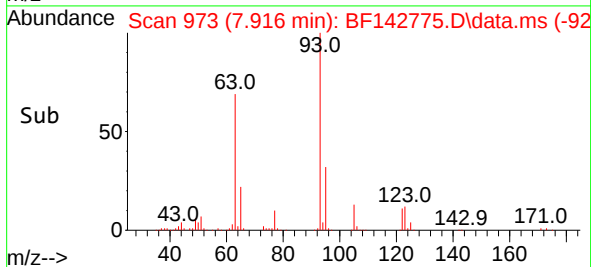
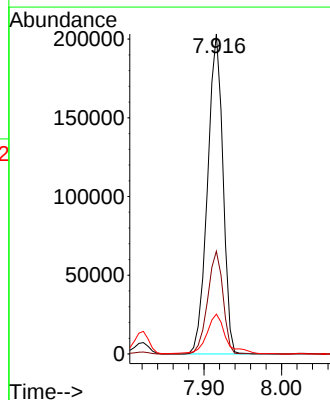
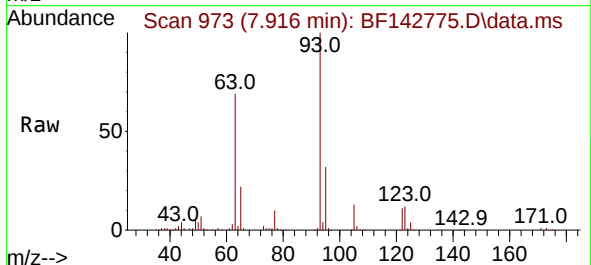
Tgt Ion: 93 Resp: 280246

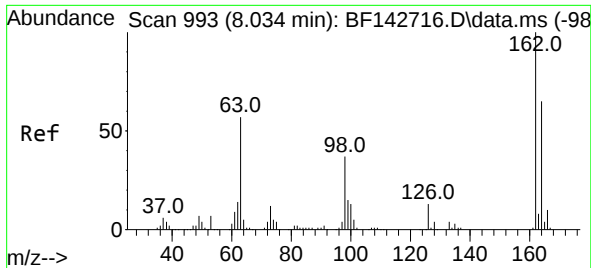
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.388 ng

RT: 8.028 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

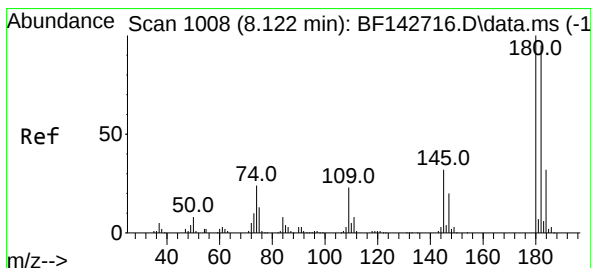
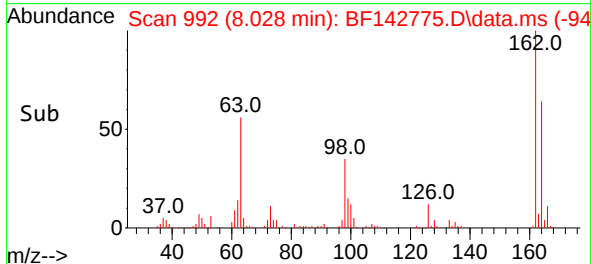
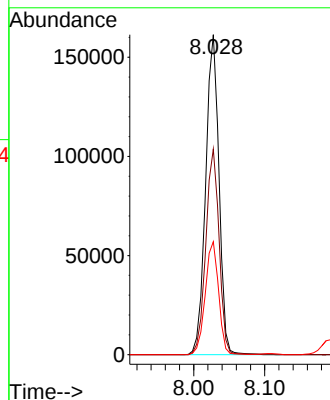
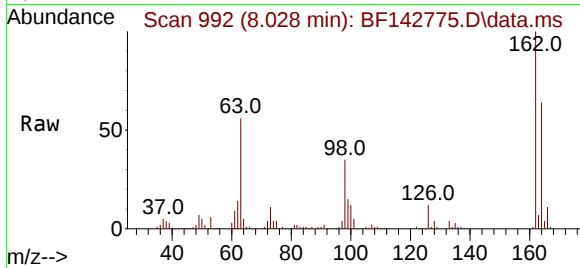
Tgt Ion:162 Resp: 211297

Ion Ratio Lower Upper

162 100

164 64.3 45.1 85.1

98 35.3 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 46.293 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

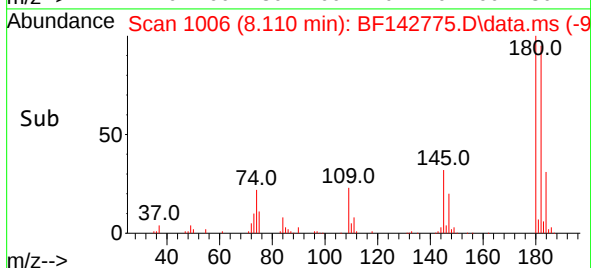
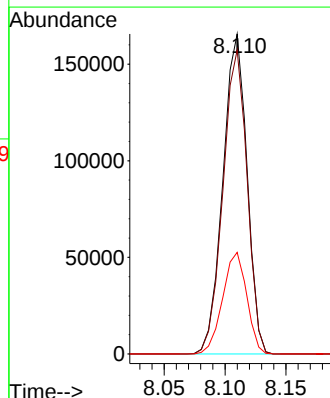
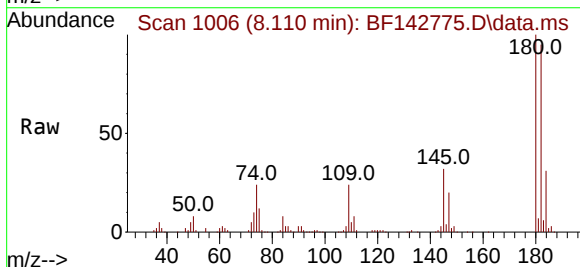
Tgt Ion:180 Resp: 228090

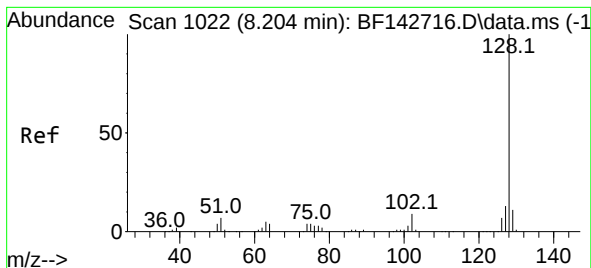
Ion Ratio Lower Upper

180 100

182 95.0 75.9 113.9

145 31.8 25.7 38.5





#31

Naphthalene

Concen: 46.792 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

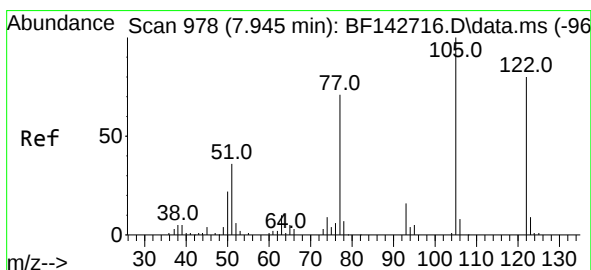
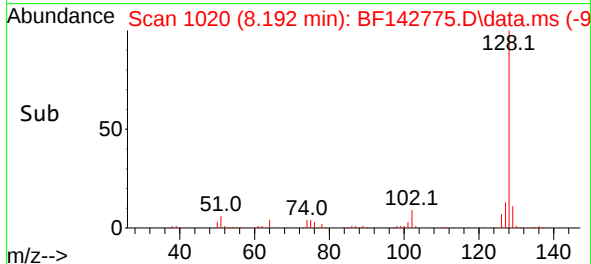
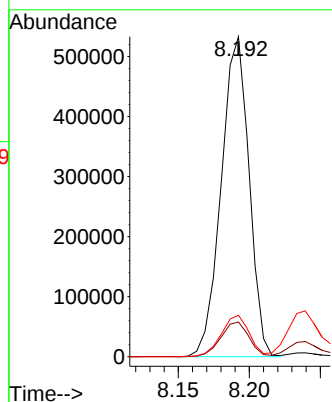
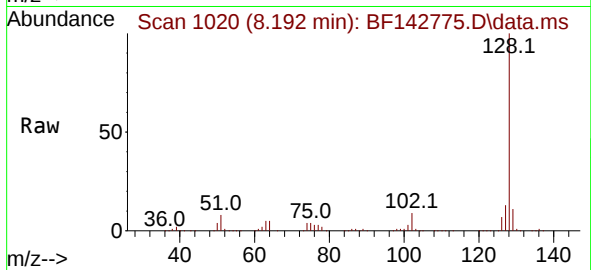
Tgt Ion:128 Resp: 725594

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 49.030 ng

RT: 7.945 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

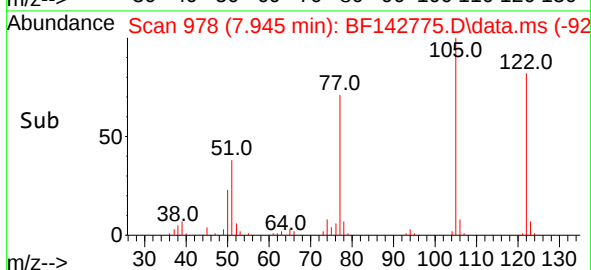
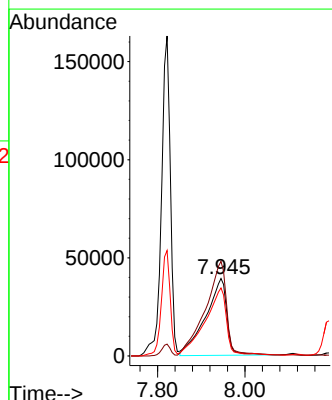
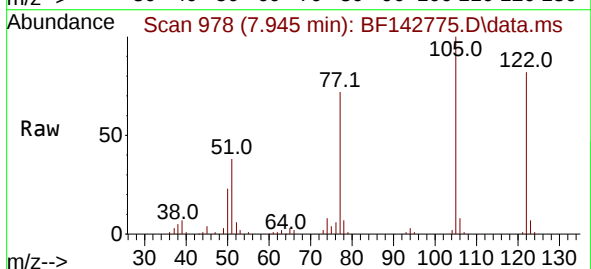
Tgt Ion:122 Resp: 133411

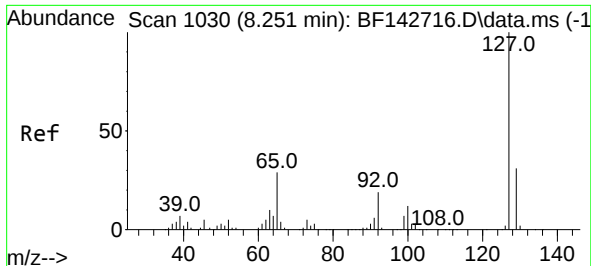
Ion Ratio Lower Upper

122 100

105 122.2 102.6 142.6

77 87.8 68.2 108.2

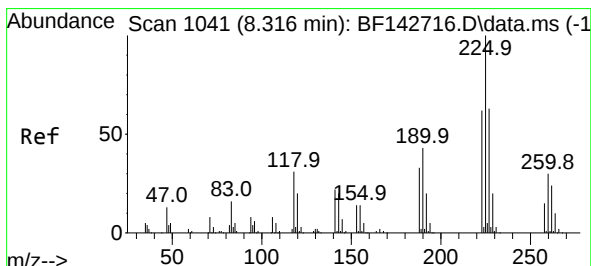
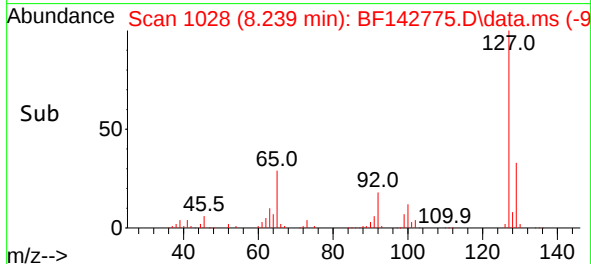
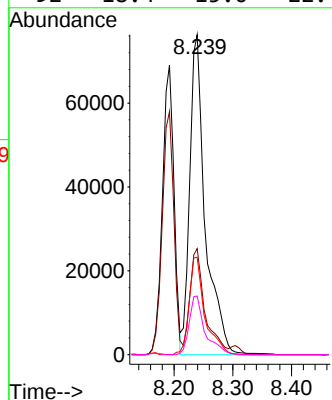
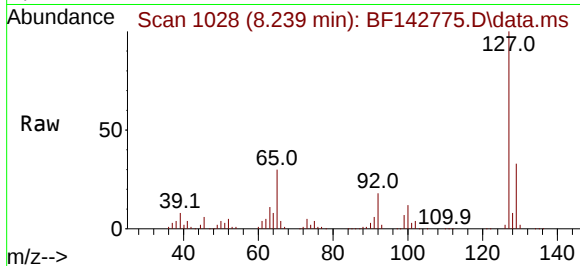




#33
4-Chloroaniline
Concen: 22.662 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

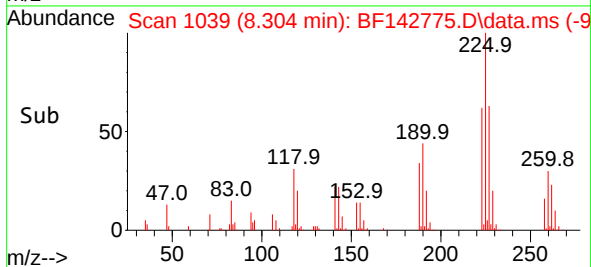
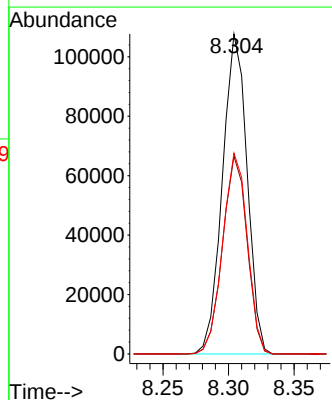
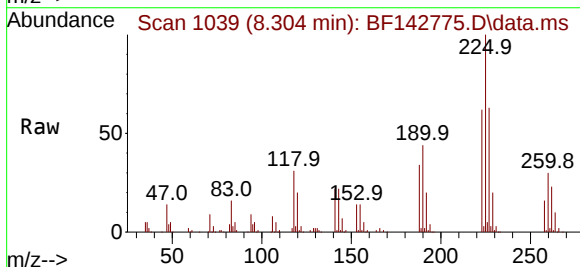
Instrument :
BNA_F
ClientSampleId :
PB168505BS

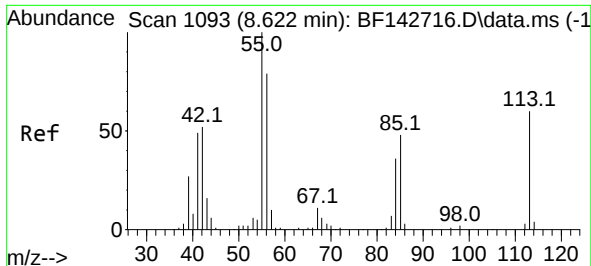
Tgt Ion:	127	Resp:	141096
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.6	38.4
65	30.5	23.0	34.4
92	18.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 44.847 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:	225	Resp:	140810
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.3	73.9
227	62.8	50.6	75.8

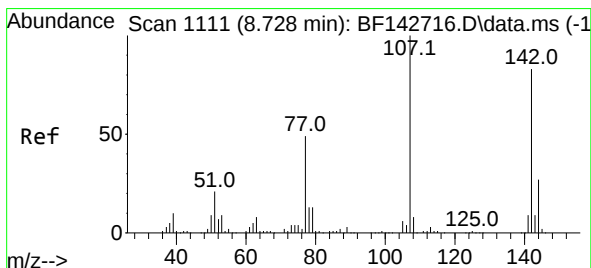
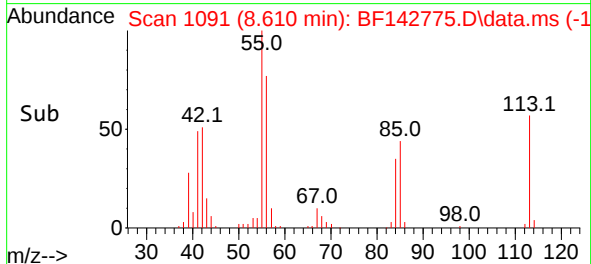
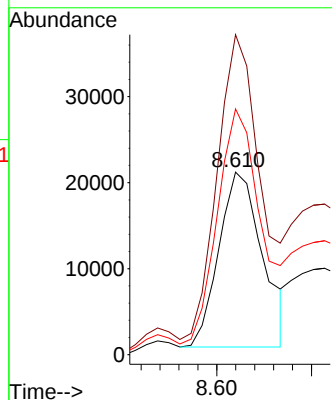
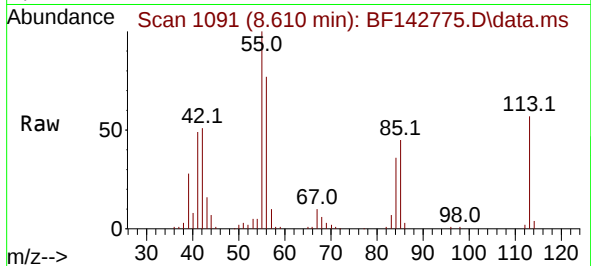




#35
 Caprolactam
 Concen: 27.026 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

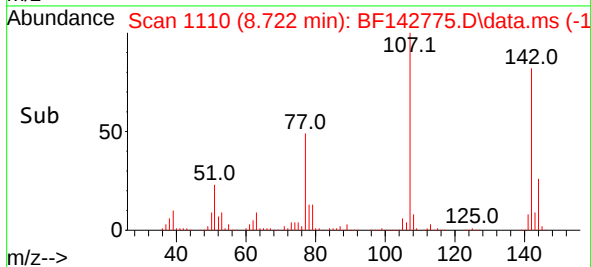
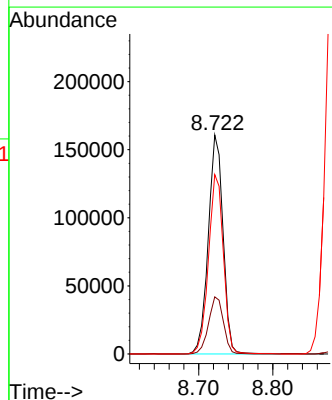
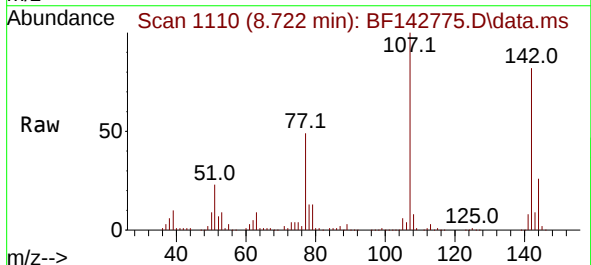
Instrument :
 BNA_F
 ClientSampleId :
 PB168505BS

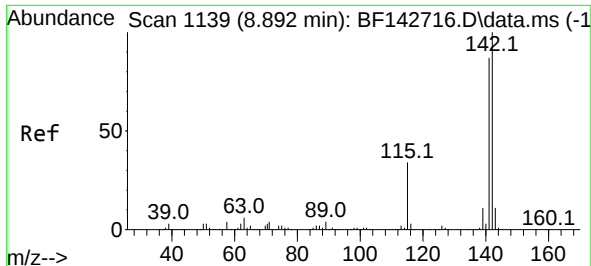
Tgt Ion:113 Resp: 32529
 Ion Ratio Lower Upper
 113 100
 55 175.2 147.9 187.9
 56 134.6 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.048 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

Tgt Ion:107 Resp: 222768
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.3 31.9
 142 81.9 66.2 99.2





#37

2-Methylnaphthalene

Concen: 46.246 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

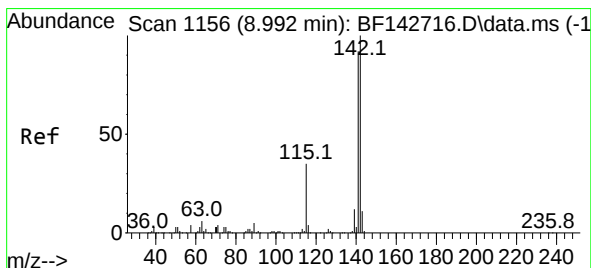
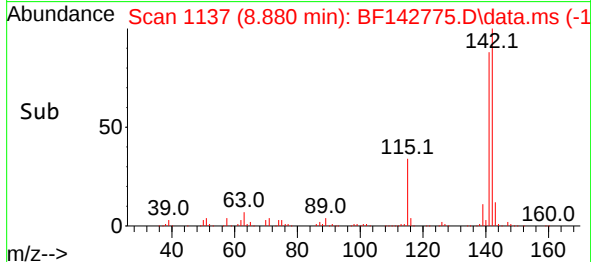
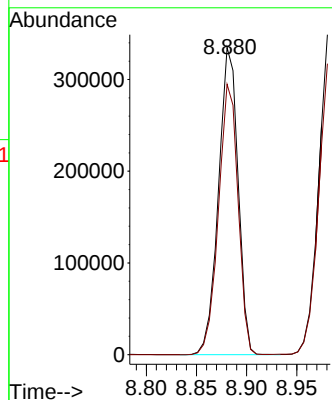
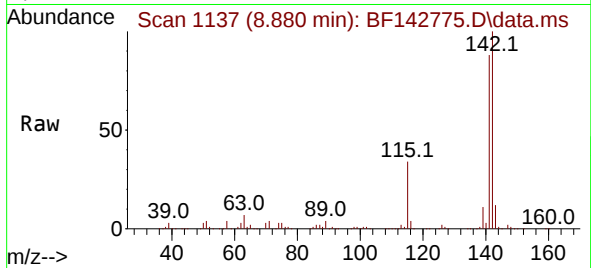
PB168505BS

Tgt Ion:142 Resp: 453908

Ion Ratio Lower Upper

142 100

141 88.0 69.9 104.9



#38

1-Methylnaphthalene

Concen: 46.353 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF142775.D

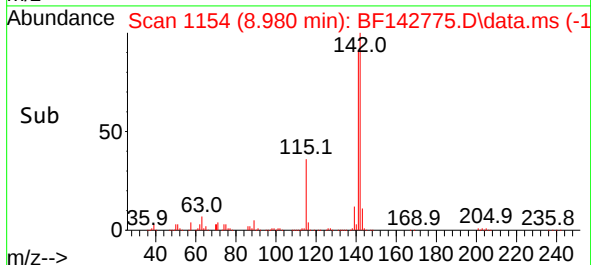
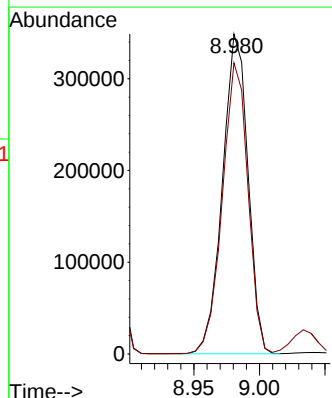
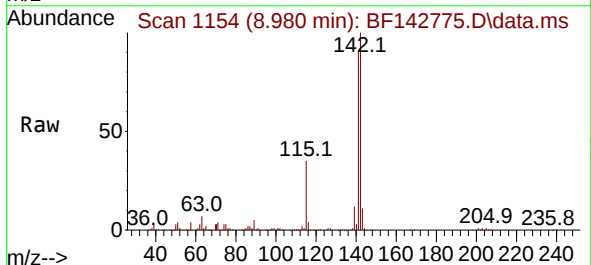
Acq: 18 Jun 2025 13:16

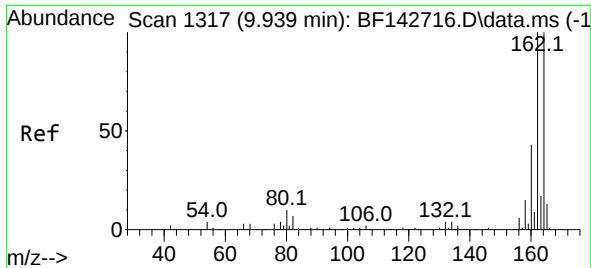
Tgt Ion:142 Resp: 471310

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3

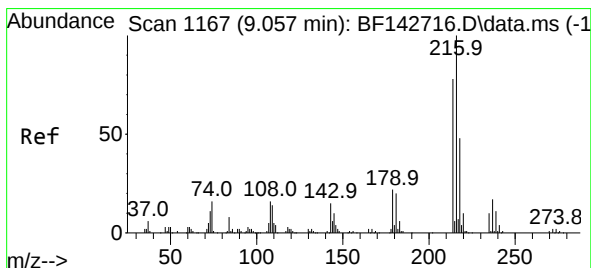
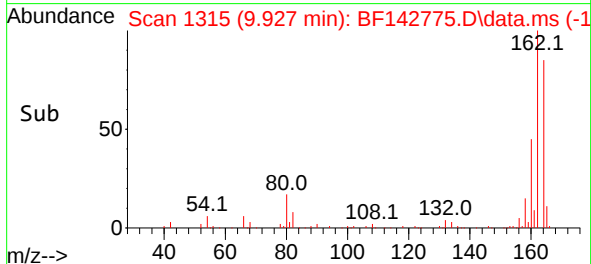
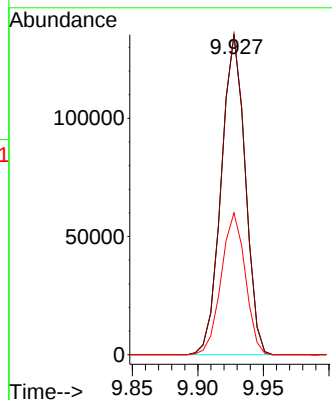
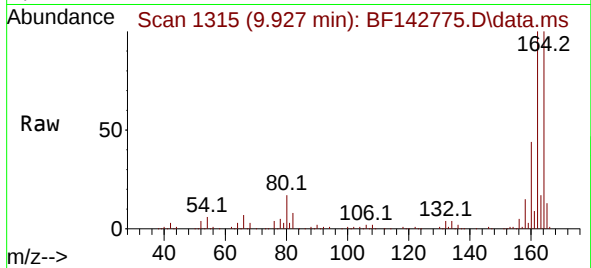




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

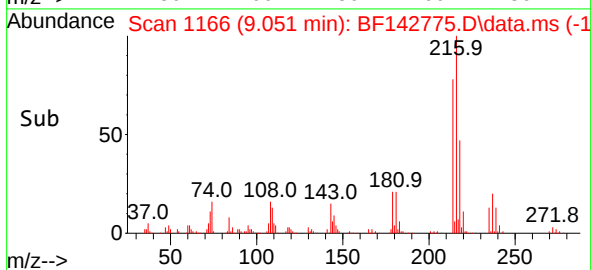
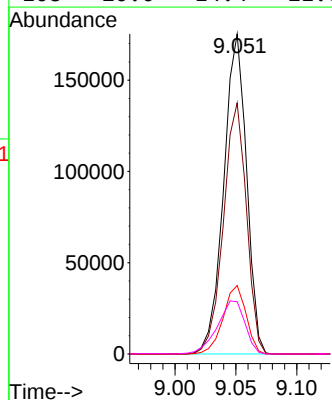
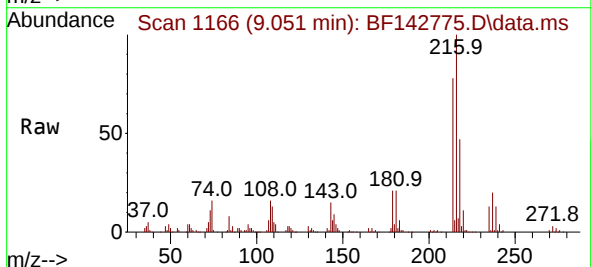
Instrument :
BNA_F
ClientSampleId :
PB168505BS

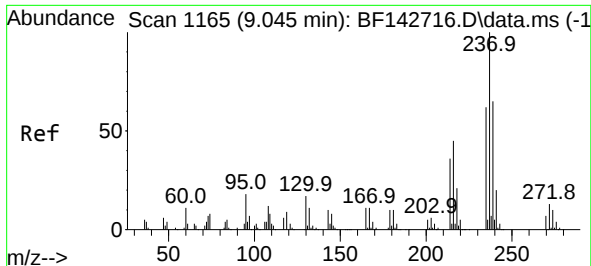
Tgt Ion:164 Resp: 171493
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 44.4 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.114 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:216 Resp: 228887
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 21.5 17.1 25.7
108 20.0 14.4 21.6

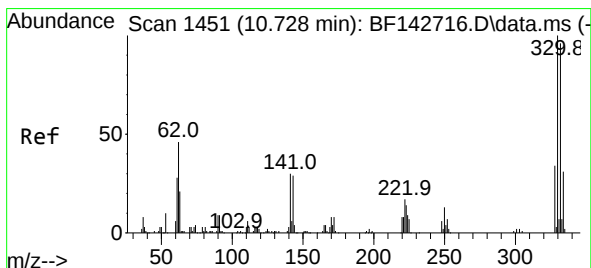
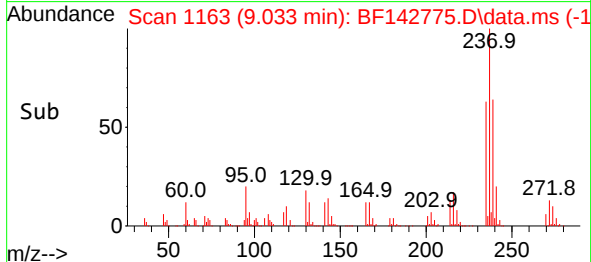
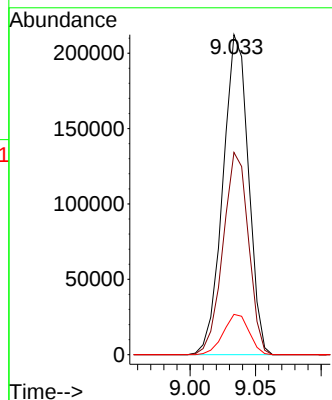
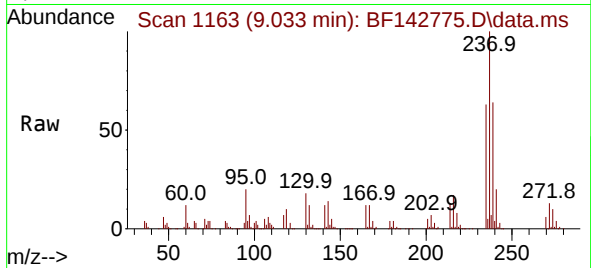




#41
Hexachlorocyclopentadiene
Concen: 90.085 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

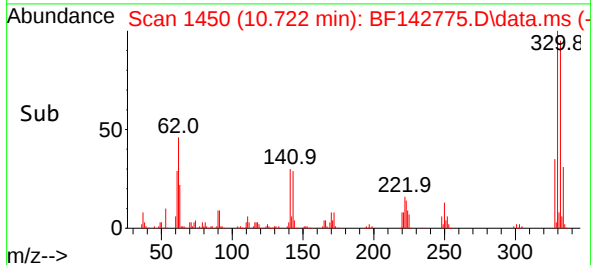
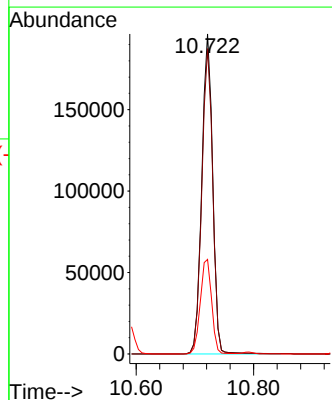
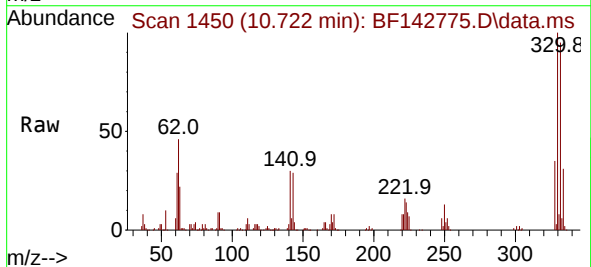
Instrument :
BNA_F
ClientSampleId :
PB168505BS

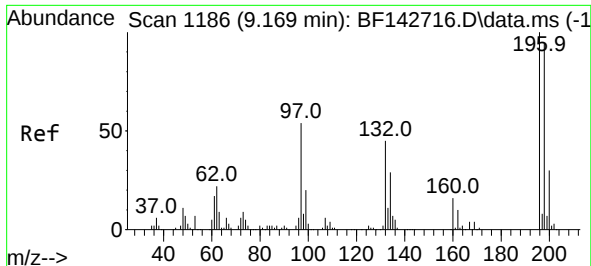
Tgt Ion:237 Resp: 286982
Ion Ratio Lower Upper
237 100
235 63.2 41.9 81.9
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 134.523 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:330 Resp: 252842
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 30.8 25.4 38.0

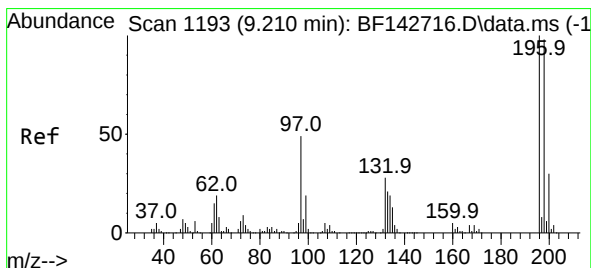
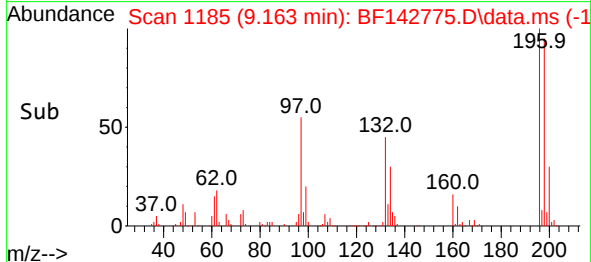
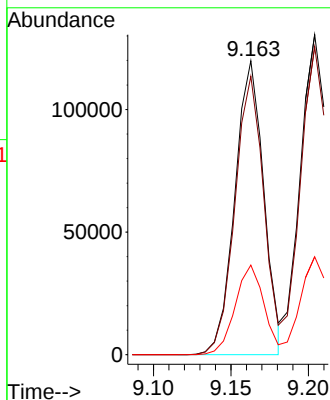
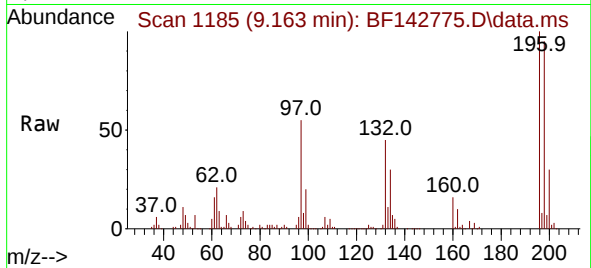




#43
2,4,6-Trichlorophenol
Concen: 48.311 ng
RT: 9.163 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

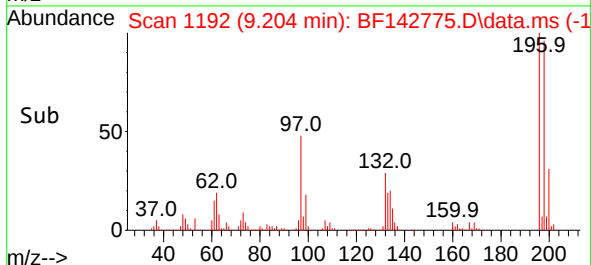
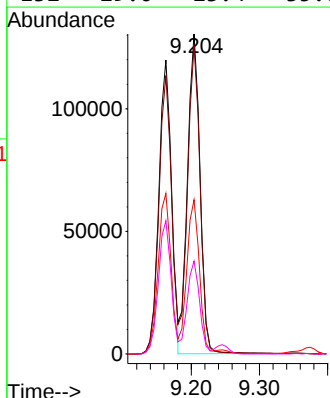
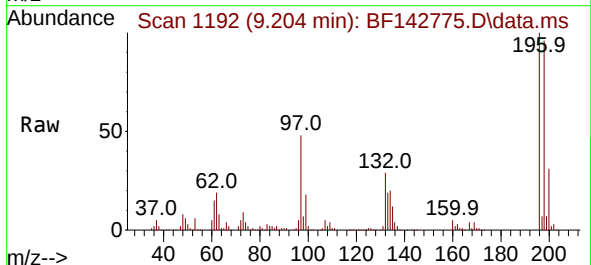
Instrument :
BNA_F
ClientSampleId :
PB168505BS

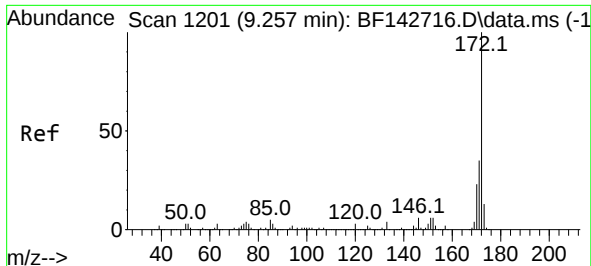
Tgt Ion:196 Resp: 155222
Ion Ratio Lower Upper
196 100
198 94.7 75.5 113.3
200 30.5 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 48.016 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:196 Resp: 166627
Ion Ratio Lower Upper
196 100
198 96.2 78.2 117.2
97 48.2 38.6 57.8
132 29.0 23.4 35.0

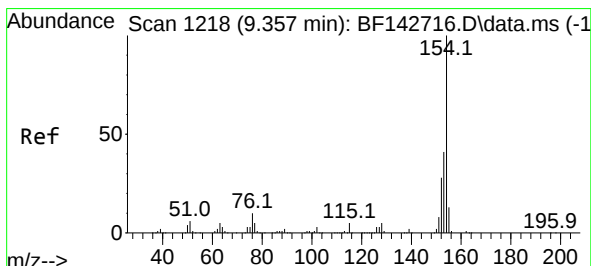
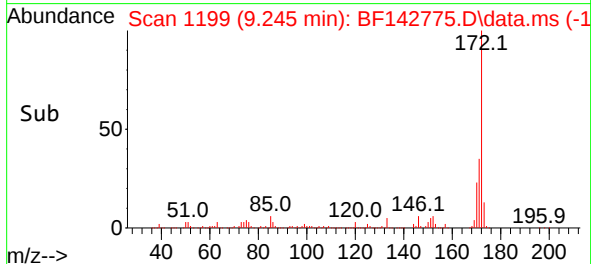
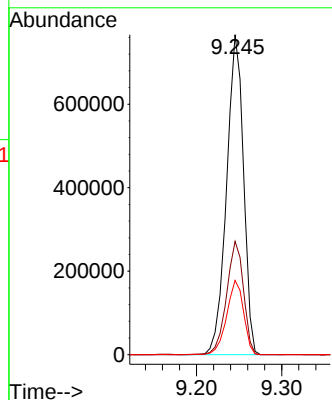
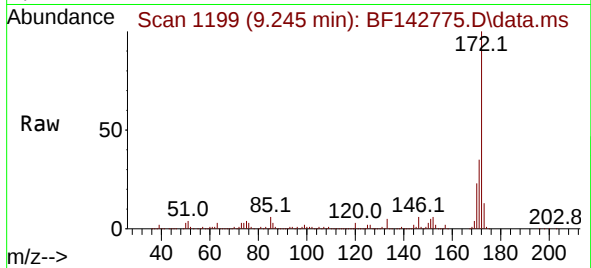




#45
2-Fluorobiphenyl
Concen: 81.851 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

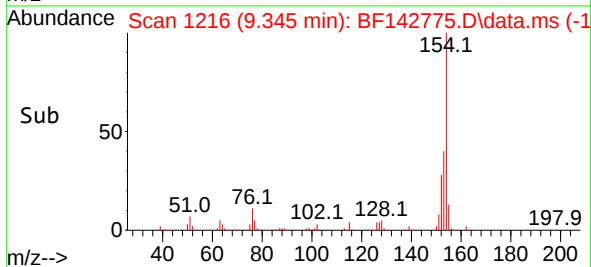
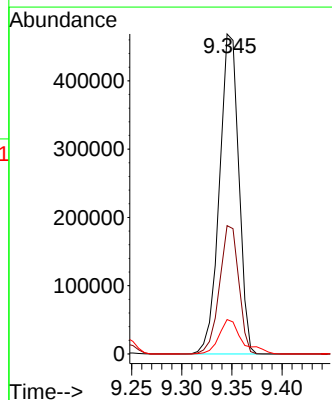
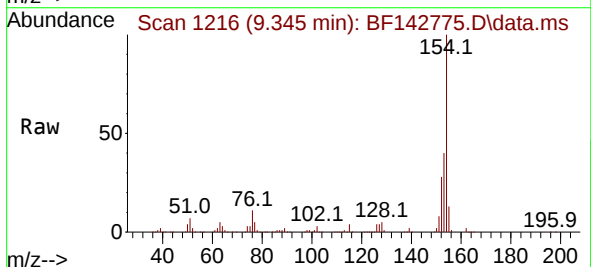
Instrument :
BNA_F
ClientSampleId :
PB168505BS

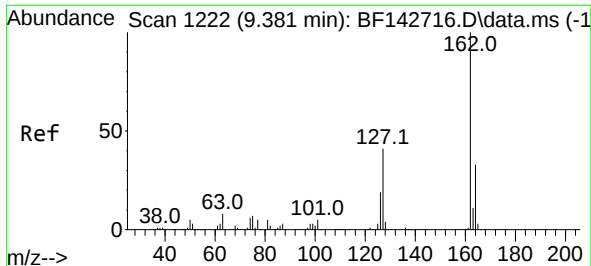
Tgt Ion:172 Resp: 1056545
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 47.081 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:154 Resp: 626959
Ion Ratio Lower Upper
154 100
153 40.1 20.6 60.6
76 10.7 0.0 30.2





#47

2-Chloronaphthalene

Concen: 46.958 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

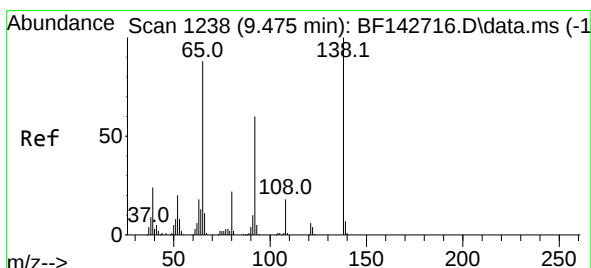
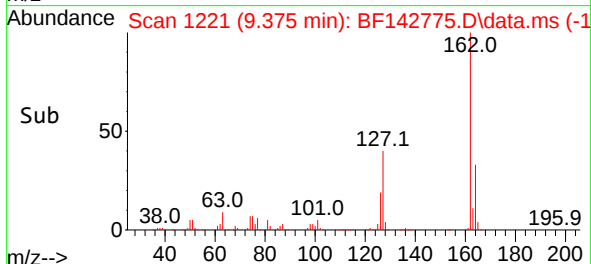
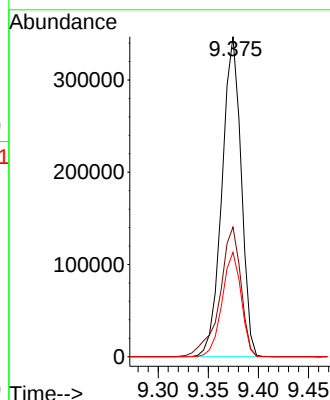
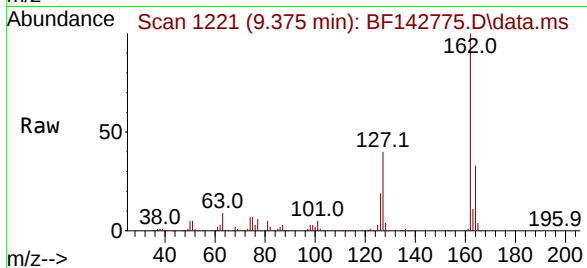
Tgt Ion:162 Resp: 460694

Ion Ratio Lower Upper

162 100

127 40.5 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 49.926 ng

RT: 9.469 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

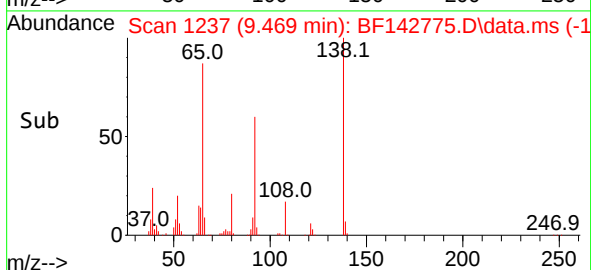
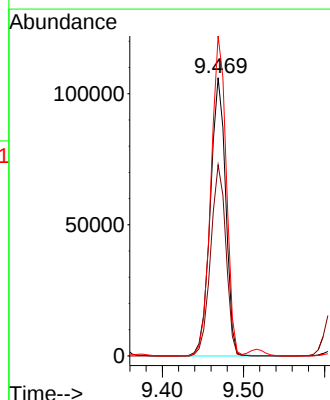
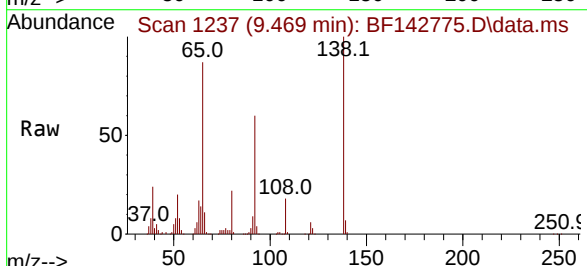
Tgt Ion: 65 Resp: 139312

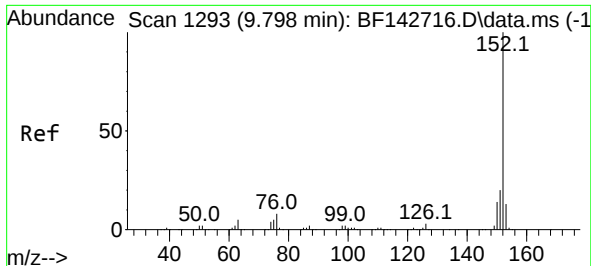
Ion Ratio Lower Upper

65 100

92 68.7 54.5 81.7

138 115.0 90.6 136.0





#49

Acenaphthylene

Concen: 47.558 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

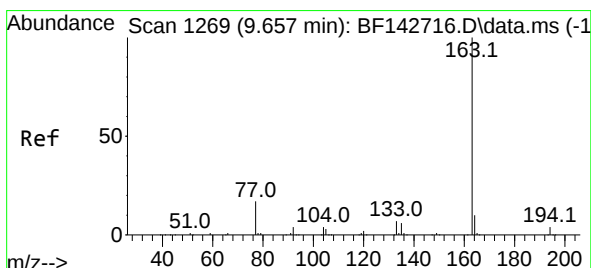
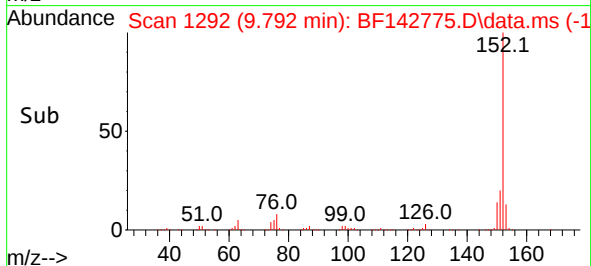
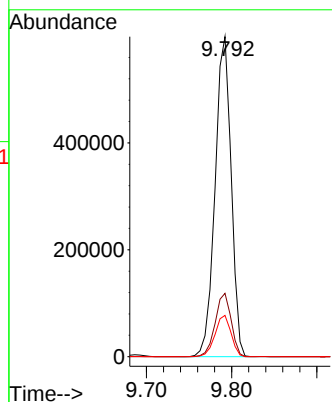
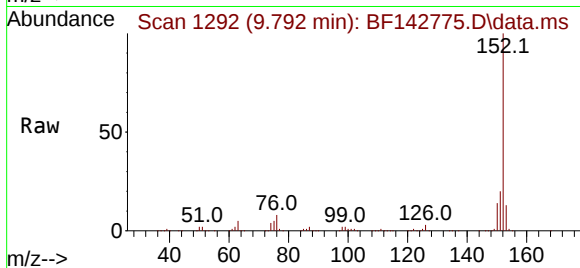
Tgt Ion:152 Resp: 786712

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 47.743 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

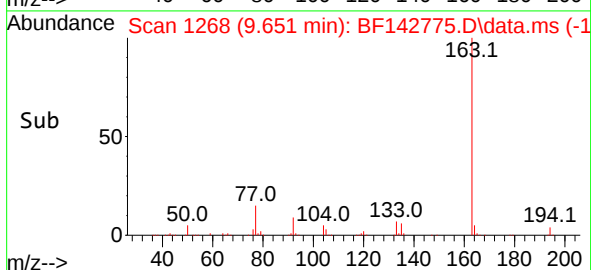
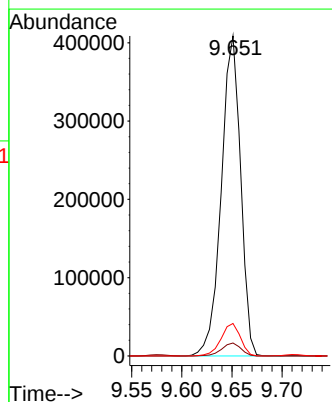
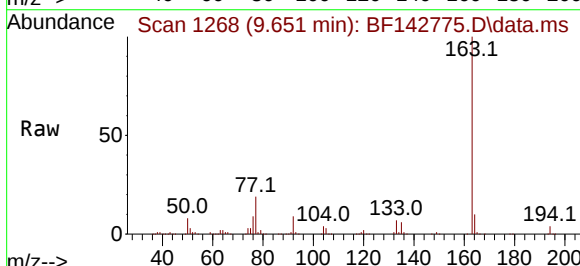
Tgt Ion:163 Resp: 546748

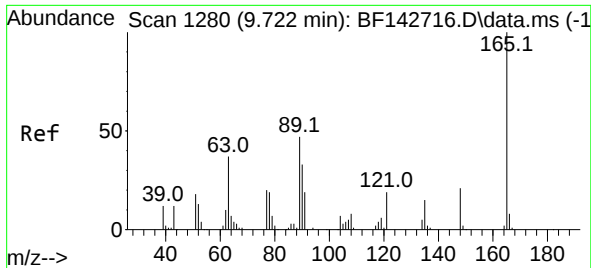
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.0 12.0

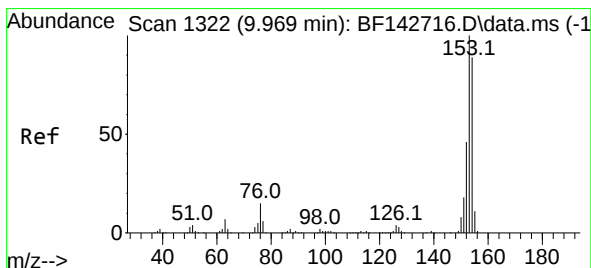
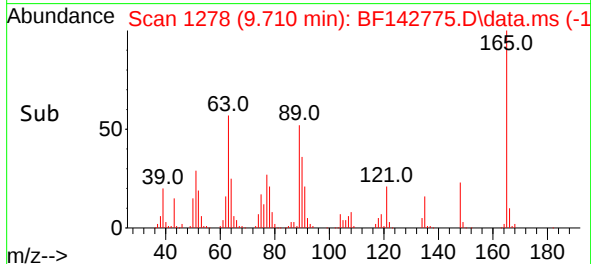
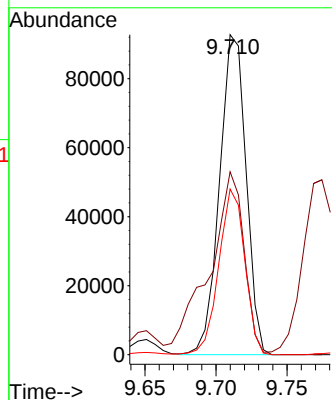
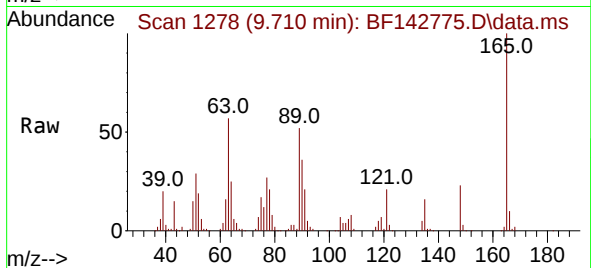




#51
2,6-Dinitrotoluene
Concen: 48.747 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

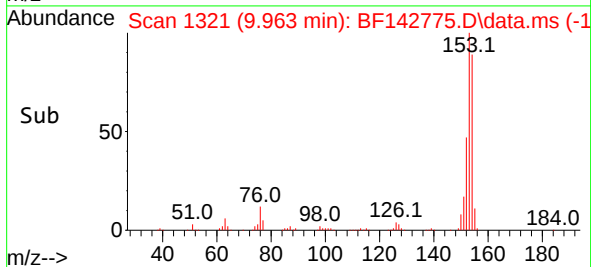
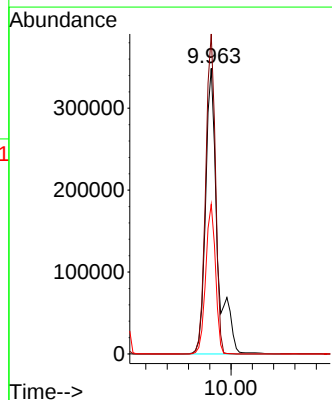
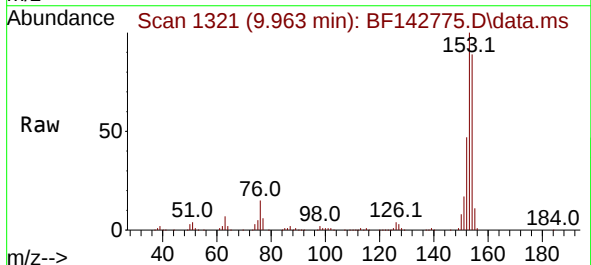
Instrument :
BNA_F
ClientSampleId :
PB168505BS

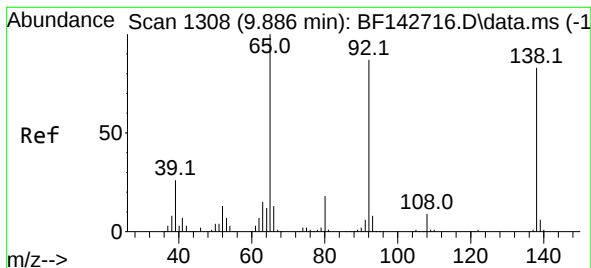
Tgt Ion:165 Resp: 120652
Ion Ratio Lower Upper
165 100
63 57.2 40.6 60.8
89 51.7 37.6 56.4



#52
Acenaphthene
Concen: 52.306 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:154 Resp: 536473
Ion Ratio Lower Upper
154 100
153 112.0 90.1 135.1
152 52.4 41.9 62.9





#53

3-Nitroaniline

Concen: 27.397 ng

RT: 9.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

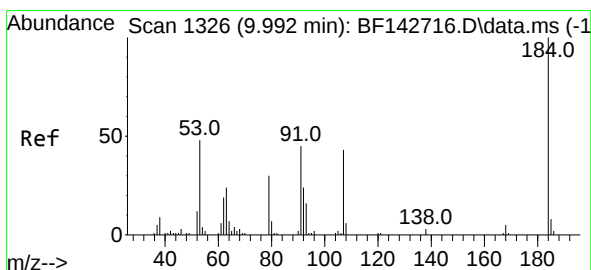
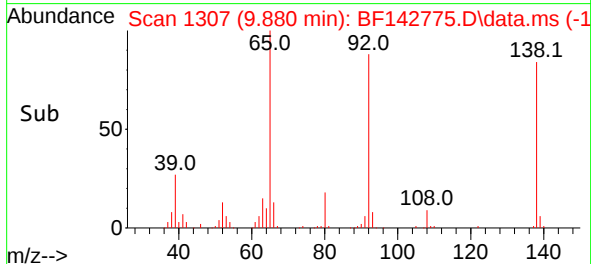
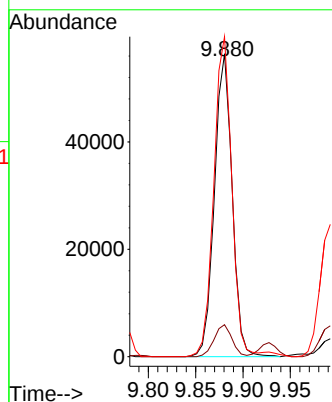
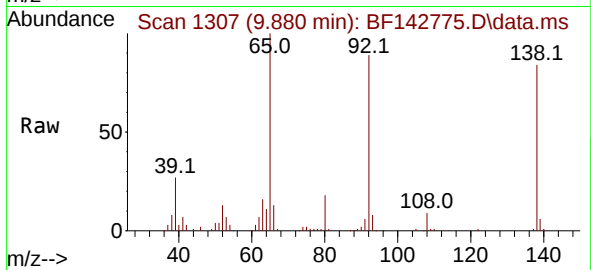
Tgt Ion:138 Resp: 73550

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

92 105.7 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 105.748 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.000 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

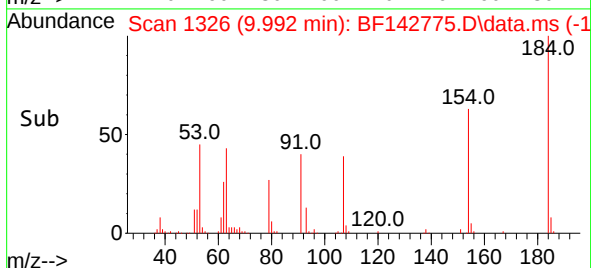
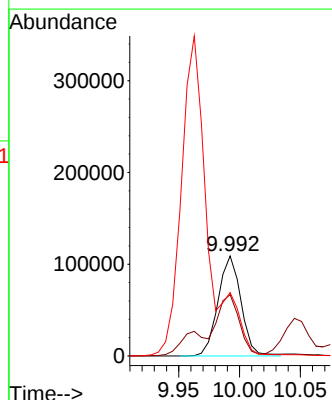
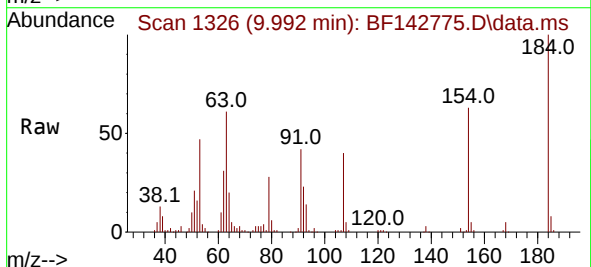
Tgt Ion:184 Resp: 143372

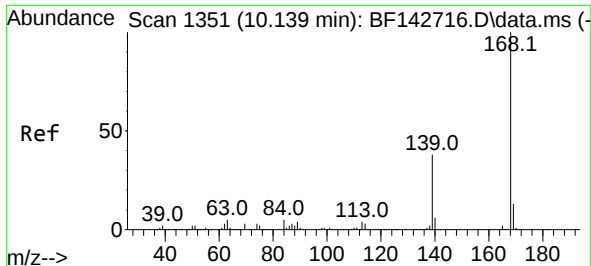
Ion Ratio Lower Upper

184 100

63 61.3 51.7 77.5

154 63.3 60.1 90.1

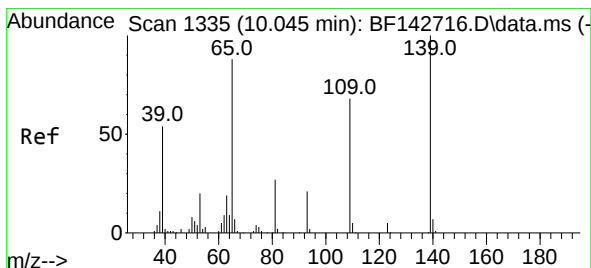
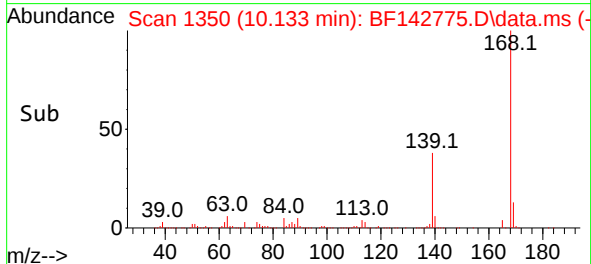
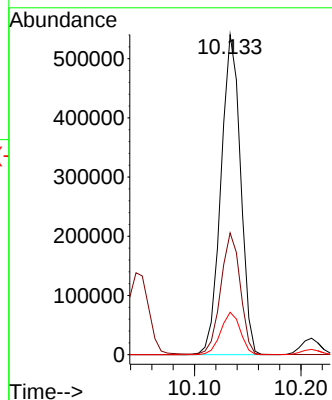
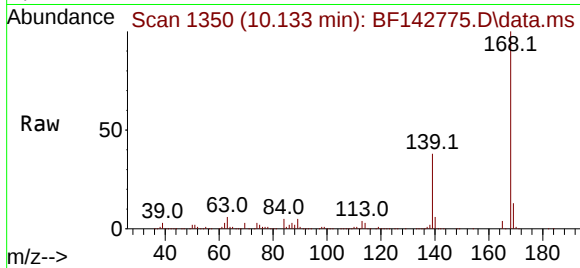




#55
Dibenzenofuran
Concen: 47.168 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

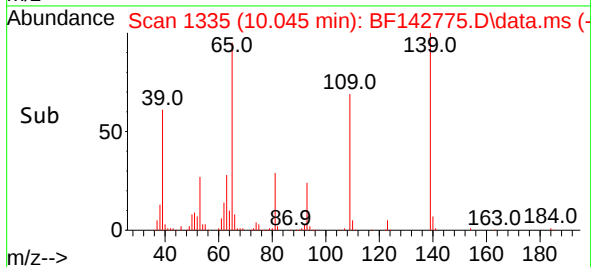
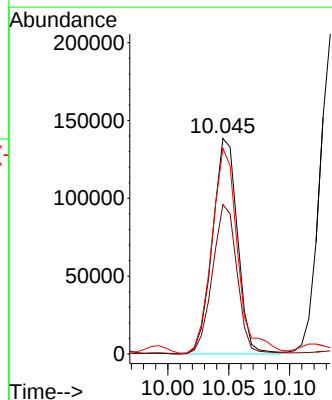
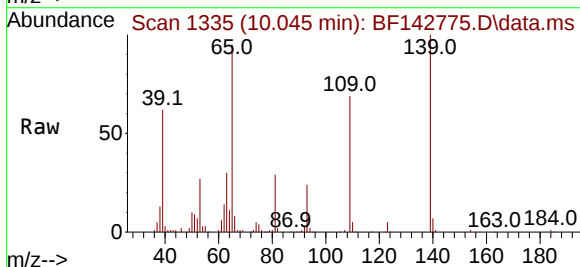
Instrument :
BNA_F
ClientSampleId :
PB168505BS

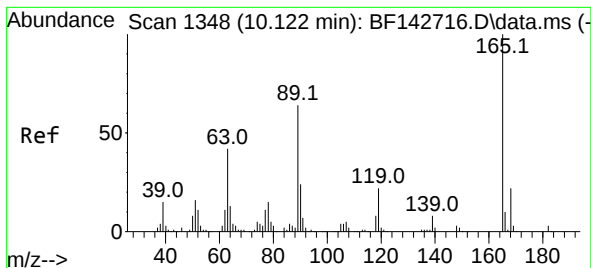
Tgt Ion:168 Resp: 688889
Ion Ratio Lower Upper
168 100
139 38.0 30.9 46.3
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 108.007 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:139 Resp: 196655
Ion Ratio Lower Upper
139 100
109 69.3 47.5 87.5
65 95.4 69.2 109.2

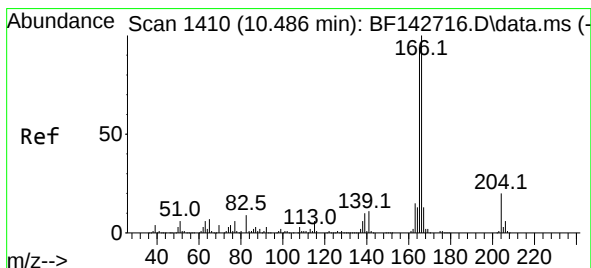
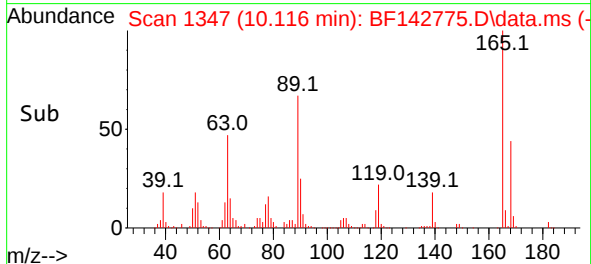
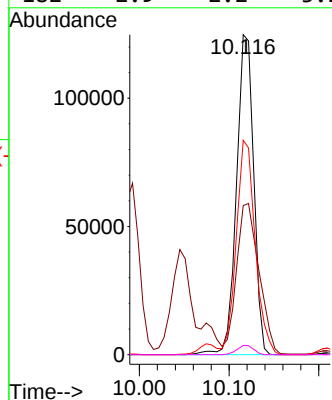
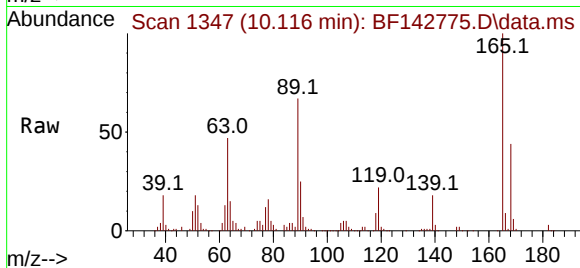




#57
2,4-Dinitrotoluene
Concen: 50.764 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

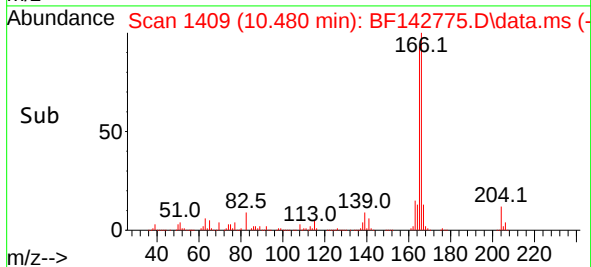
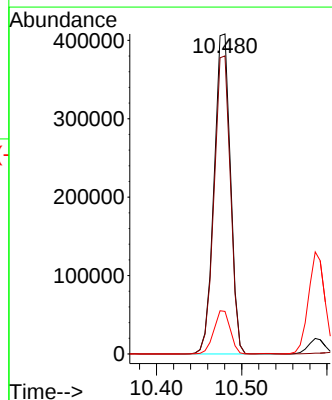
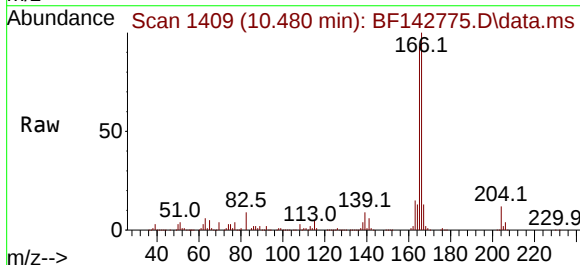
Instrument :
BNA_F
ClientSampleId :
PB168505BS

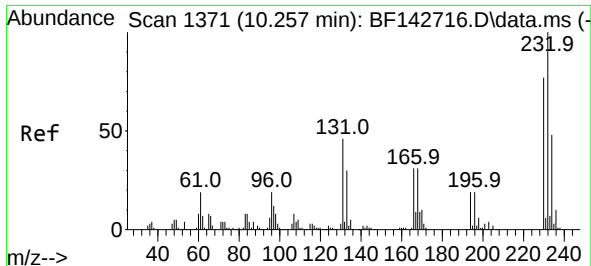
Tgt Ion:165 Resp: 166124
Ion Ratio Lower Upper
165 100
63 46.6 34.1 51.1
89 67.0 50.8 76.2
182 2.9 2.2 3.2



#58
Fluorene
Concen: 47.021 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:166 Resp: 542310
Ion Ratio Lower Upper
166 100
165 93.1 74.9 112.3
167 13.3 10.7 16.1

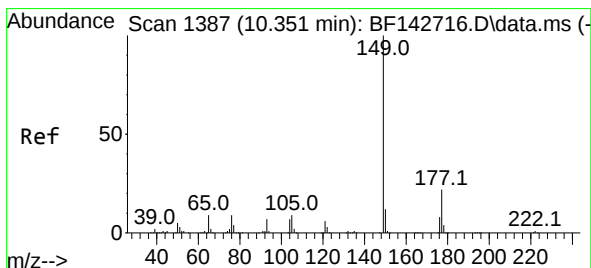
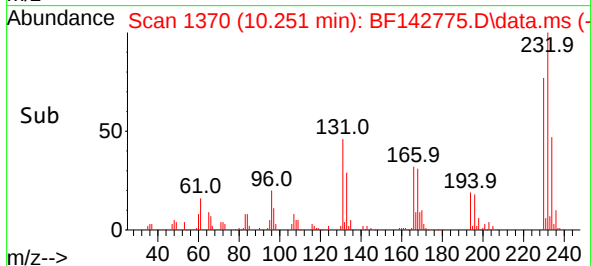
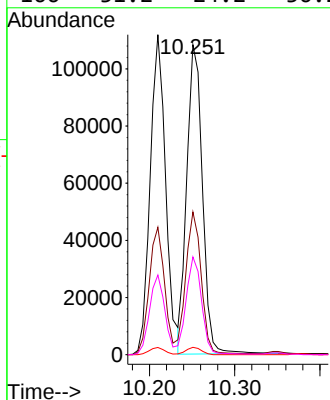
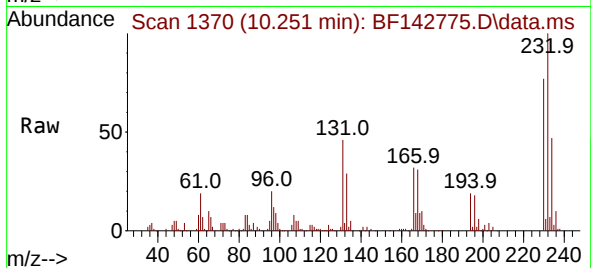




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.228 ng
RT: 10.251 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

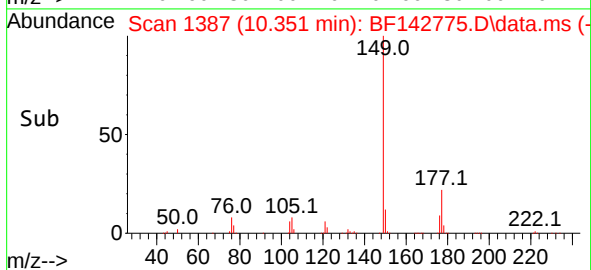
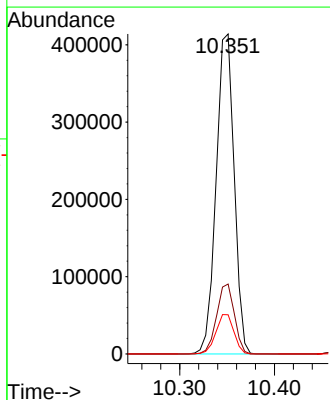
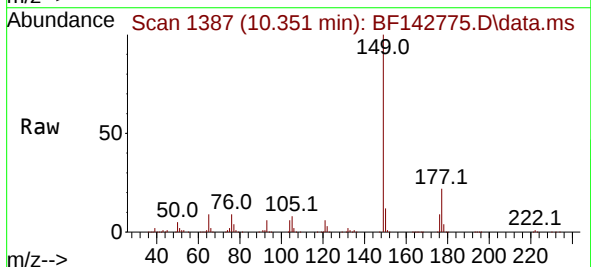
Instrument :
BNA_F
ClientSampleId :
PB168505BS

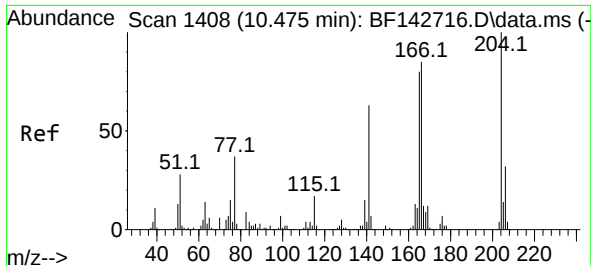
Tgt Ion:232 Resp: 137884
Ion Ratio Lower Upper
232 100
131 46.6 35.8 53.8
130 2.4 1.8 2.6
166 31.2 24.2 36.2



#60
Diethylphthalate
Concen: 48.261 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:149 Resp: 548034
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.2 10.0 15.0

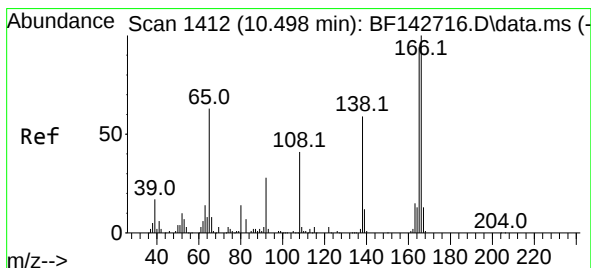
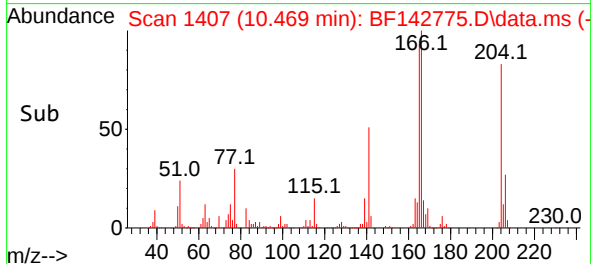
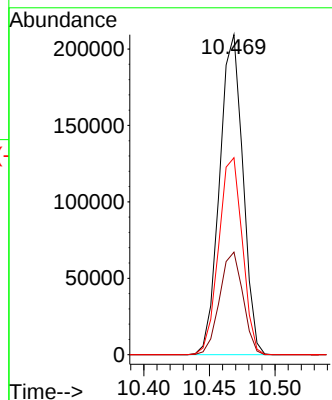
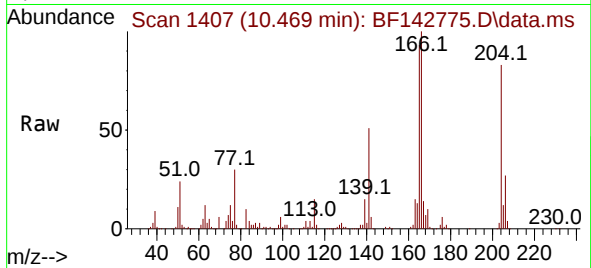




#61
4-Chlorophenyl-phenylether
Concen: 45.904 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

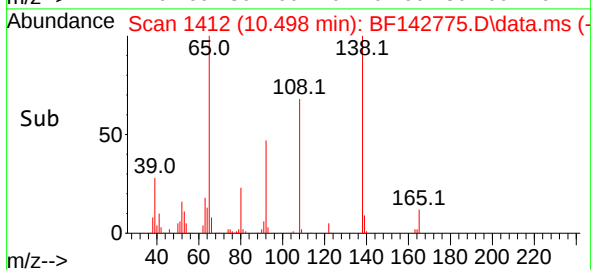
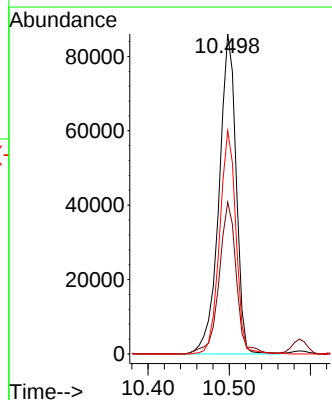
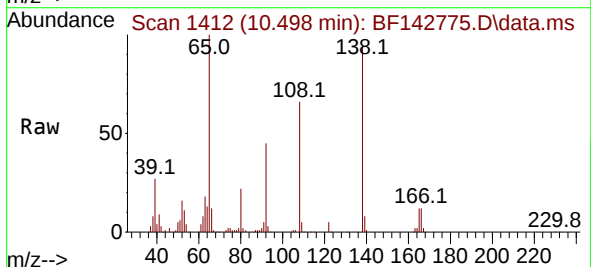
Instrument :
BNA_F
ClientSampleId :
PB168505BS

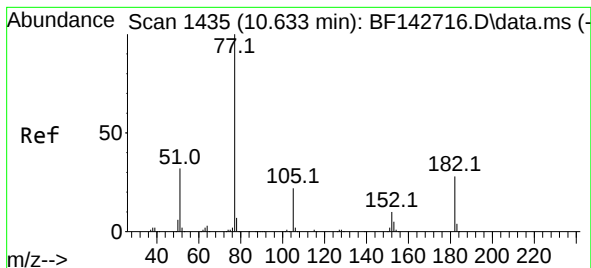
Tgt Ion:204 Resp: 258555
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 61.6 50.2 75.4



#62
4-Nitroaniline
Concen: 52.574 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:138 Resp: 126267
Ion Ratio Lower Upper
138 100
92 47.5 27.2 67.2
108 69.7 49.9 89.9





#63

Azobenzene

Concen: 47.917 ng

RT: 10.627 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

Tgt Ion: 77 Resp: 475219

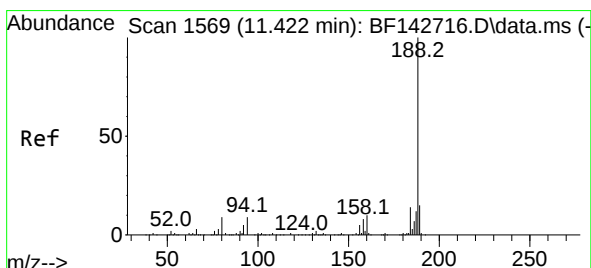
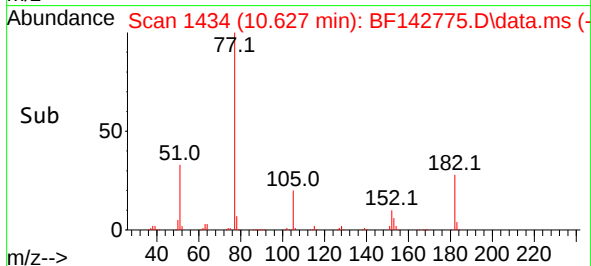
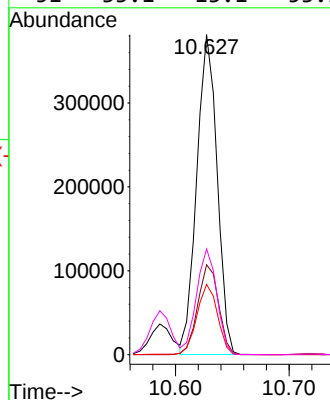
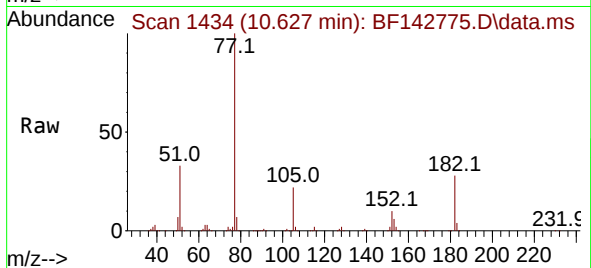
Ion Ratio Lower Upper

77 100

182 28.1 7.8 47.8

105 22.0 1.9 41.9

51 33.1 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

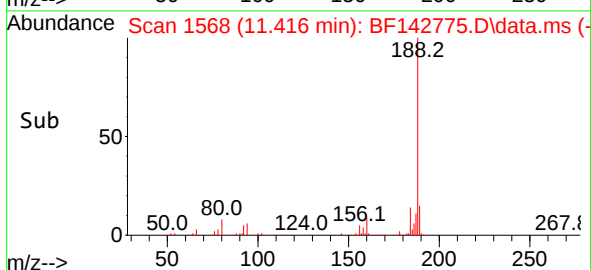
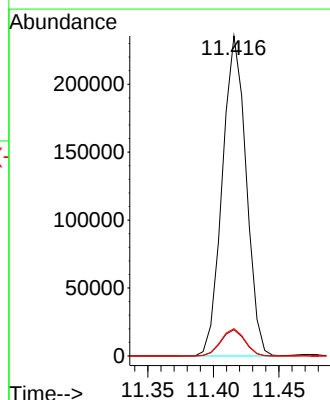
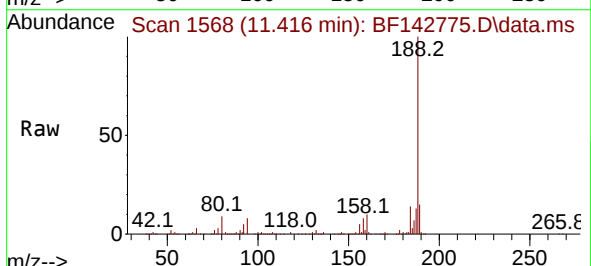
Tgt Ion: 188 Resp: 297764

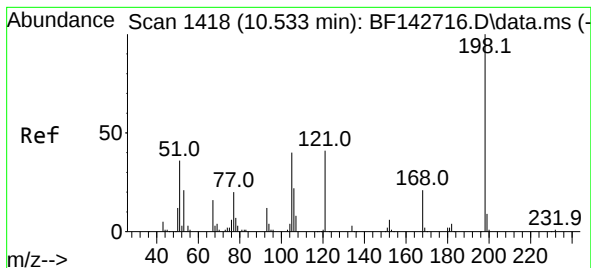
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.6 7.1 10.7

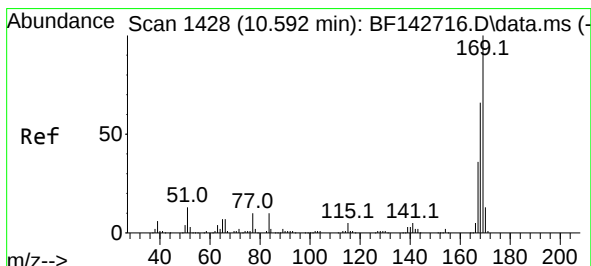
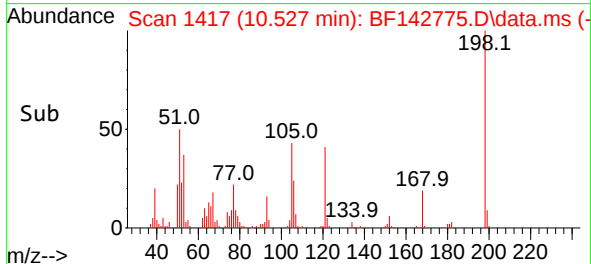
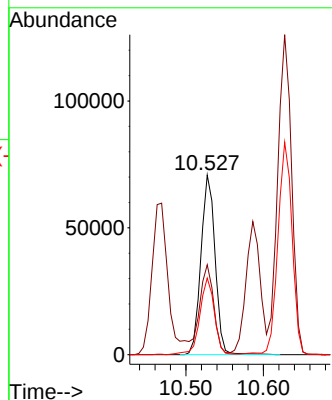
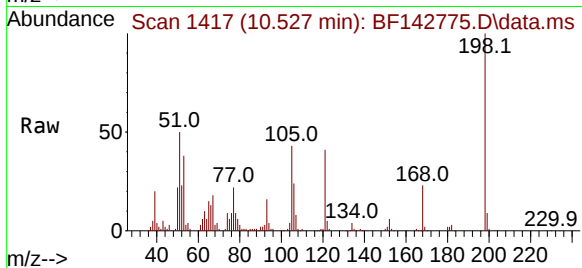




#65
4,6-Dinitro-2-methylphenol
Concen: 48.178 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

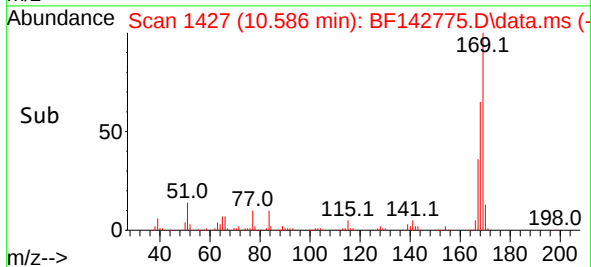
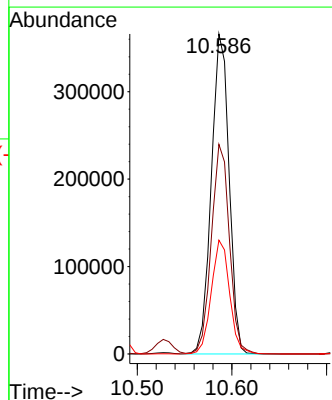
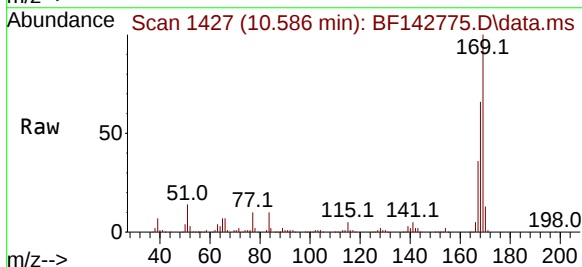
Instrument :
BNA_F
ClientSampleId :
PB168505BS

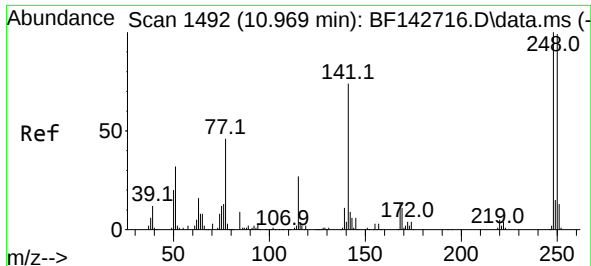
Tgt Ion:198 Resp: 89835
Ion Ratio Lower Upper
198 100
51 50.1 25.5 65.5
105 42.6 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 46.548 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:169 Resp: 476429
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.4
167 35.6 28.7 43.1

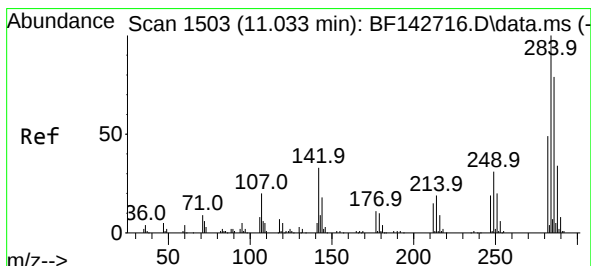
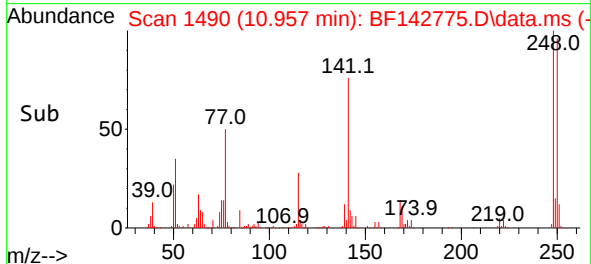
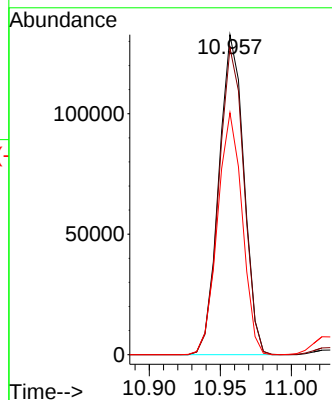
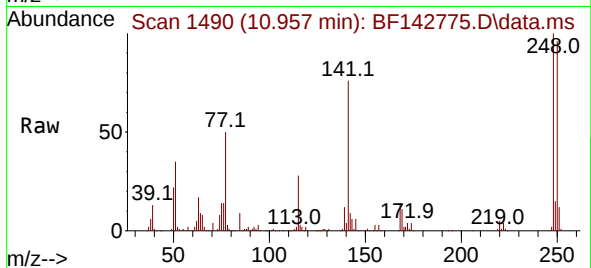




#67
4-Bromophenyl-phenylether
Concen: 46.211 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

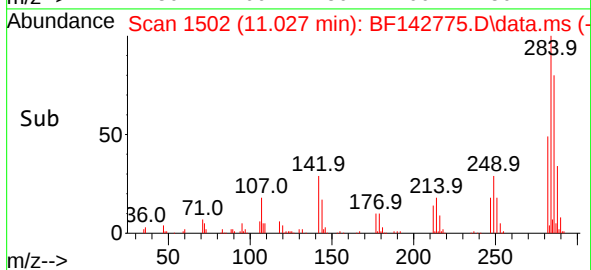
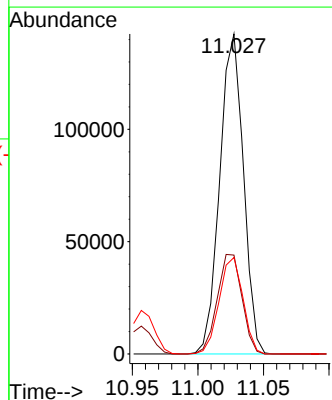
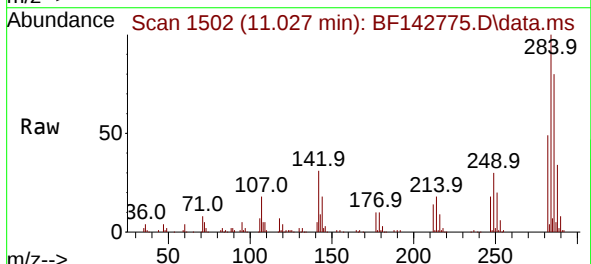
Instrument :
BNA_F
ClientSampleId :
PB168505BS

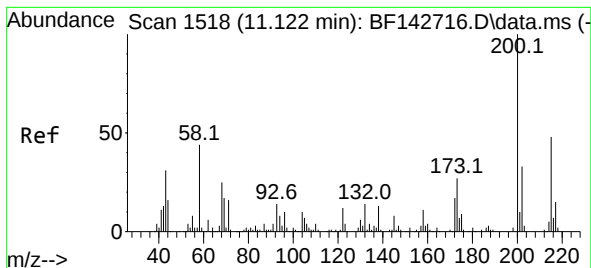
Tgt Ion:248 Resp: 162420
Ion Ratio Lower Upper
248 100
250 95.9 79.2 118.8
141 75.6 59.3 88.9



#68
Hexachlorobenzene
Concen: 45.778 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:284 Resp: 178602
Ion Ratio Lower Upper
284 100
142 30.9 26.0 39.0
249 30.2 24.6 37.0





#69

Atrazine

Concen: 55.042 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

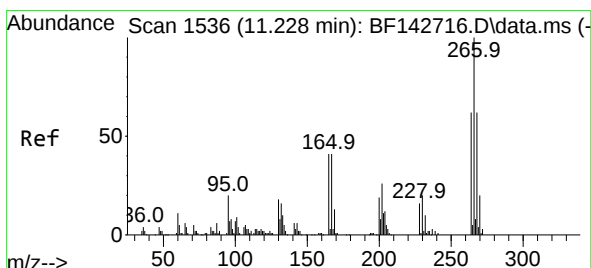
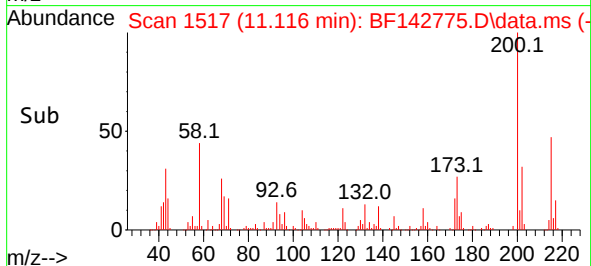
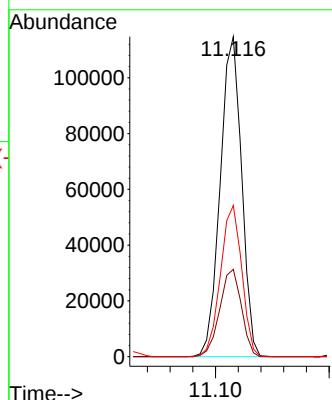
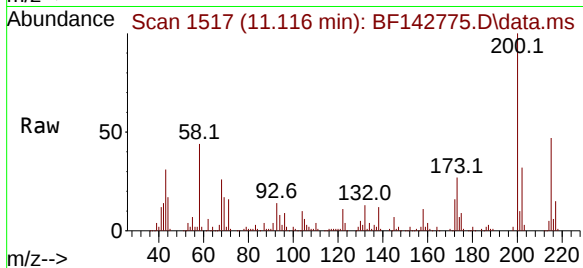
Tgt Ion:200 Resp: 150200

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 97.737 ng

RT: 11.222 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

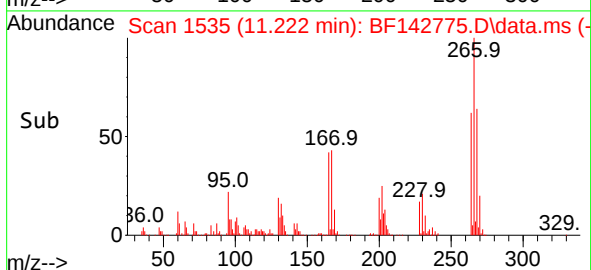
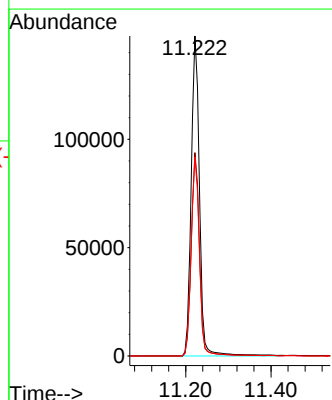
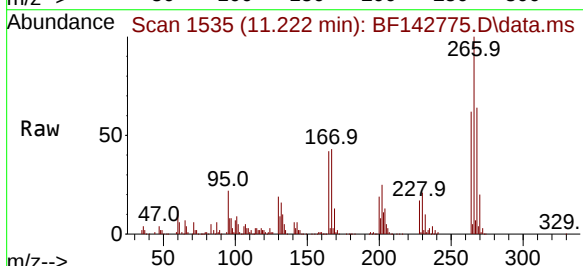
Tgt Ion:266 Resp: 199885

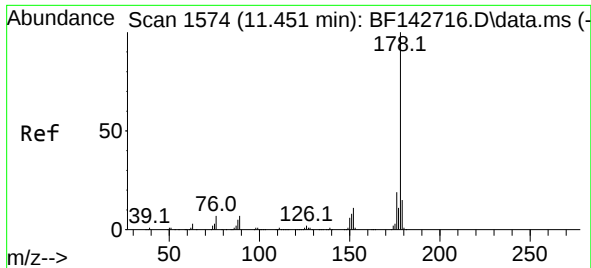
Ion Ratio Lower Upper

266 100

268 63.5 49.6 74.4

264 62.2 49.5 74.3

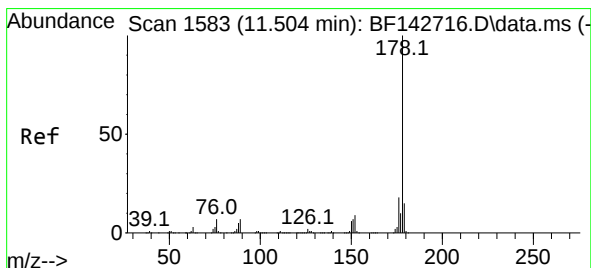
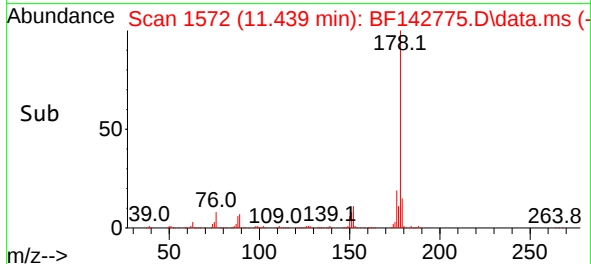
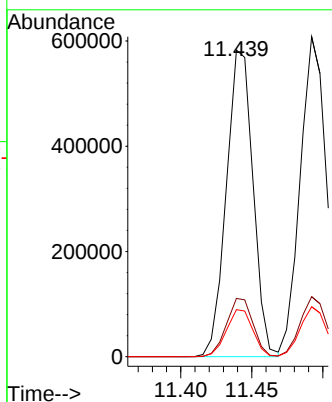
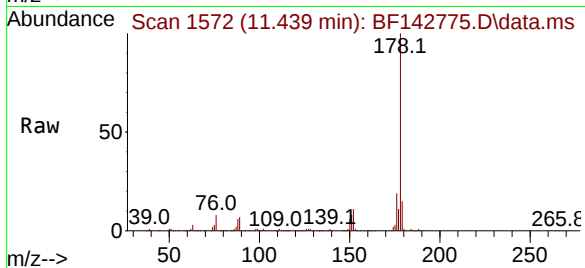




#71
Phenanthrene
Concen: 47.875 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

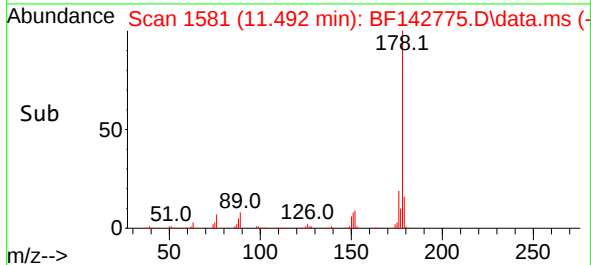
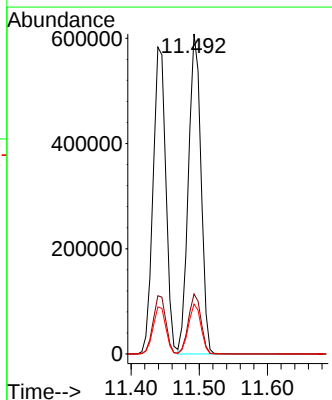
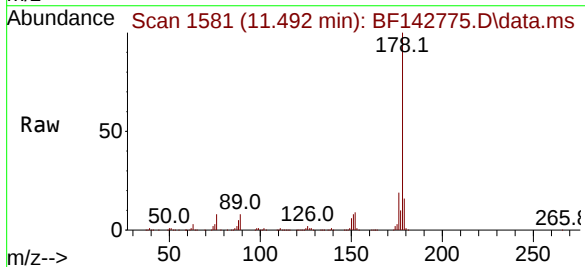
Instrument :
BNA_F
ClientSampleId :
PB168505BS

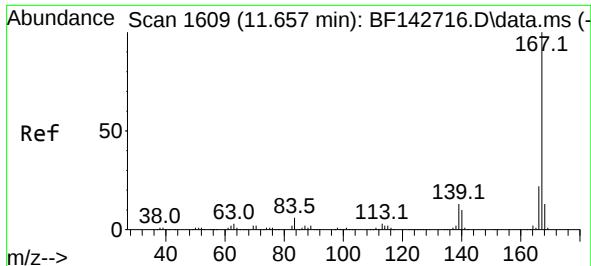
Tgt Ion:178 Resp: 763726
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.2 18.4



#72
Anthracene
Concen: 46.837 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:178 Resp: 772918
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.6 12.2 18.2

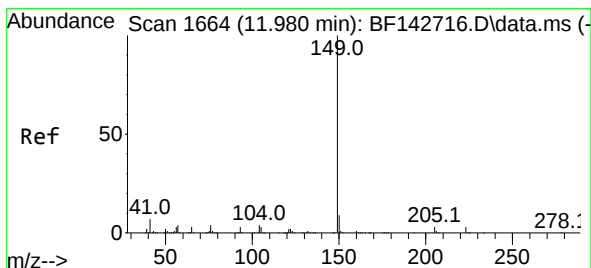
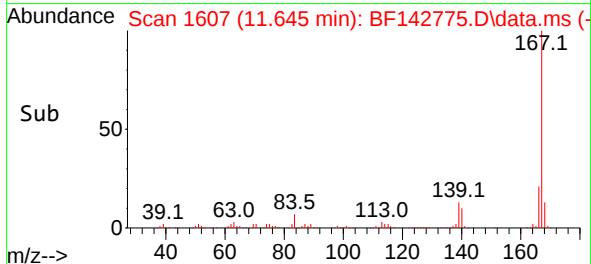
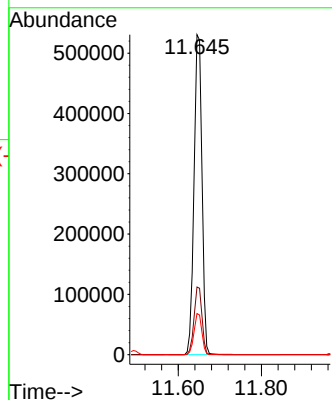
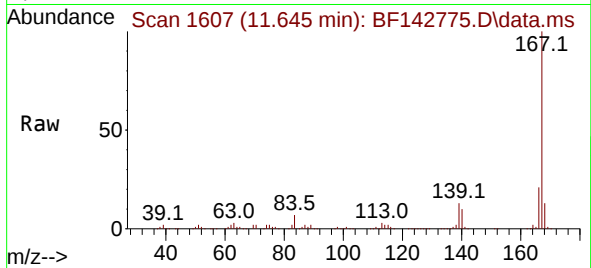




#73
 Carbazole
 Concen: 51.010 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.012 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

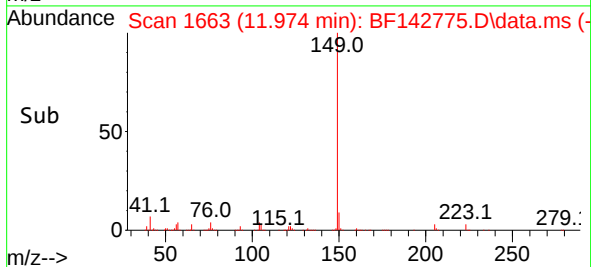
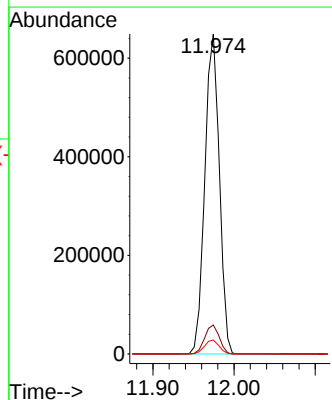
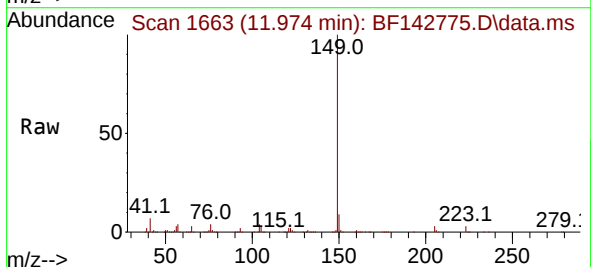
Instrument :
 BNA_F
 ClientSampleId :
 PB168505BS

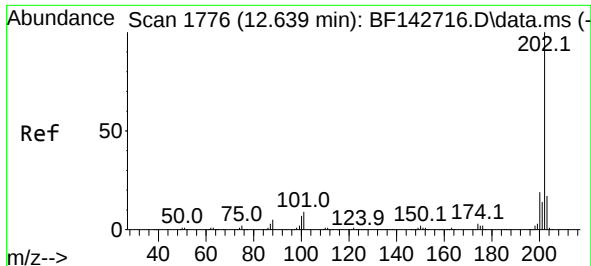
Tgt Ion:167 Resp: 704704
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 52.092 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

Tgt Ion:149 Resp: 803587
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.3 3.4 5.2

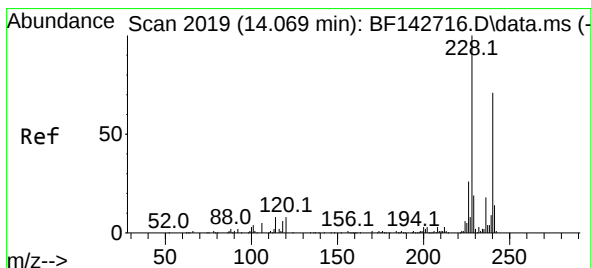
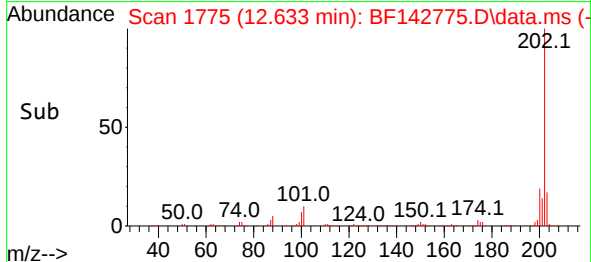
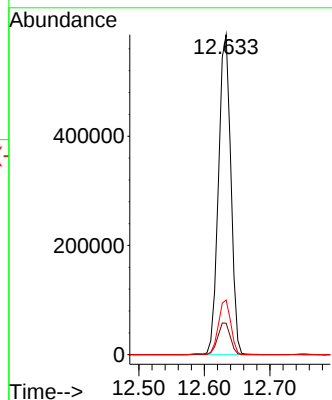
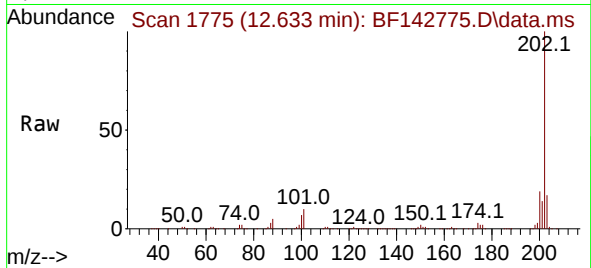




#75
Fluoranthene
Concen: 50.250 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

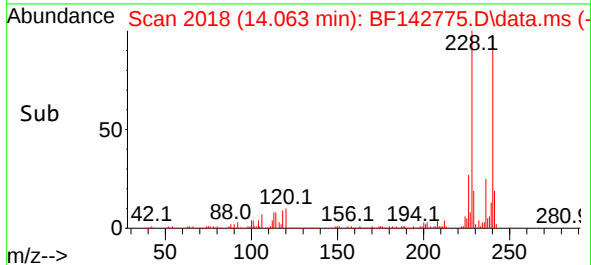
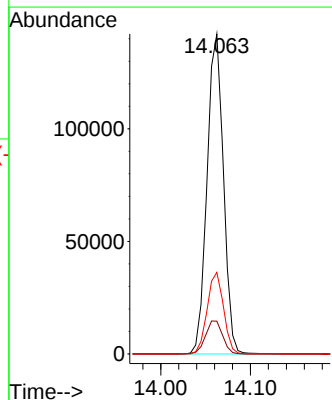
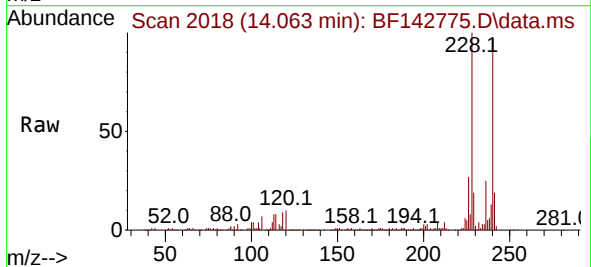
Instrument :
BNA_F
ClientSampleId :
PB168505BS

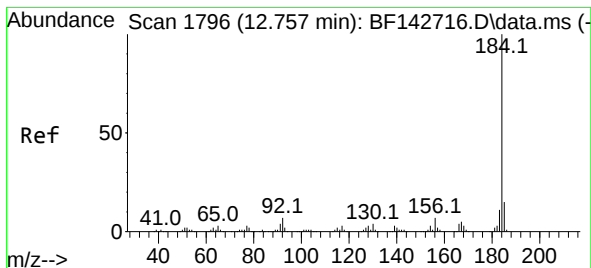
Tgt Ion:202 Resp: 762235
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.5
203 17.1 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:240 Resp: 180043
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.5 20.1 30.1





#77

Benzidine

Concen: 46.769 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

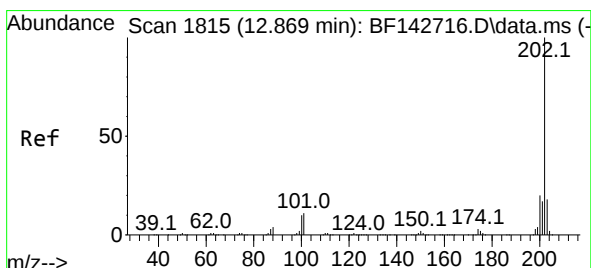
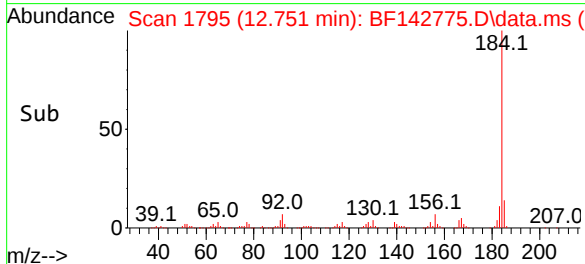
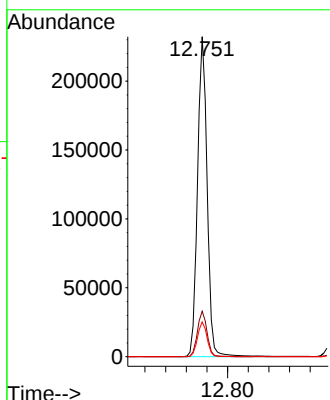
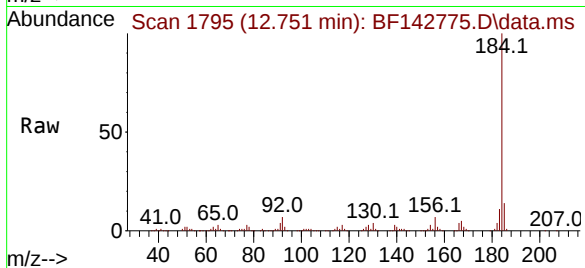
Tgt Ion:184 Resp: 299880

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.9 8.6 12.8



#78

Pyrene

Concen: 45.696 ng

RT: 12.863 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

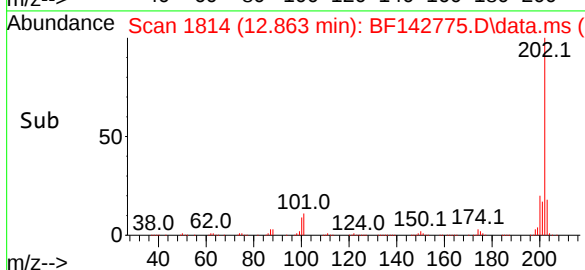
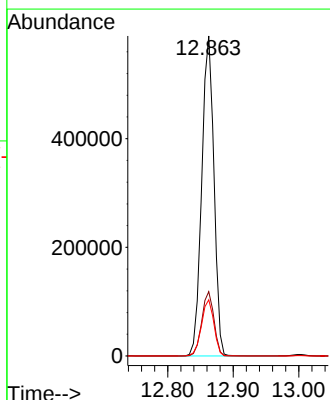
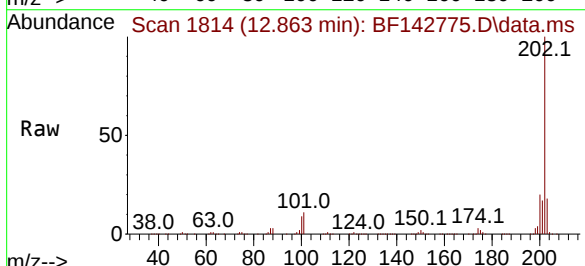
Tgt Ion:202 Resp: 764552

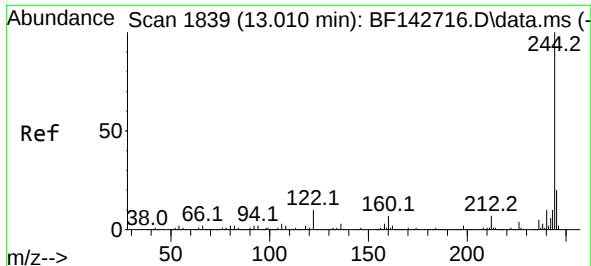
Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.8

203 17.6 14.1 21.1

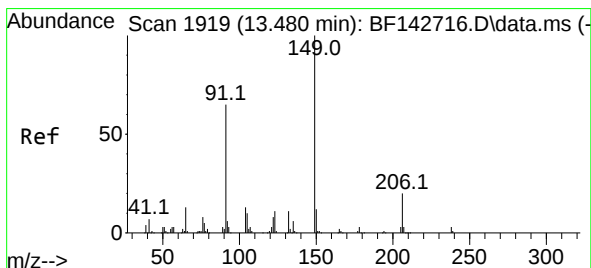
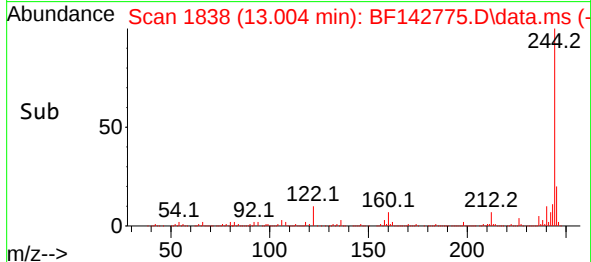
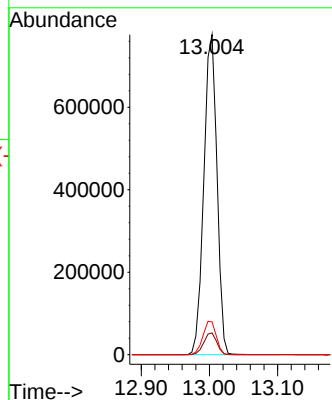
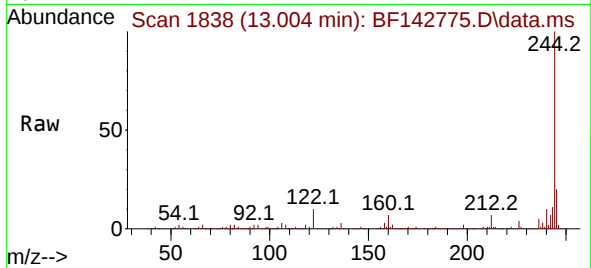




#79
 Terphenyl-d14
 Concen: 79.362 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

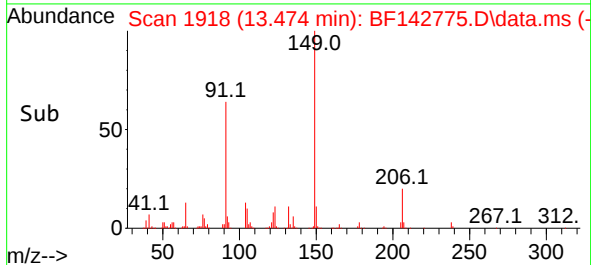
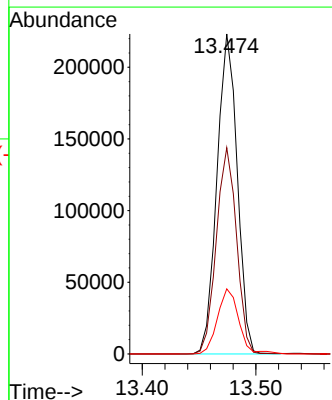
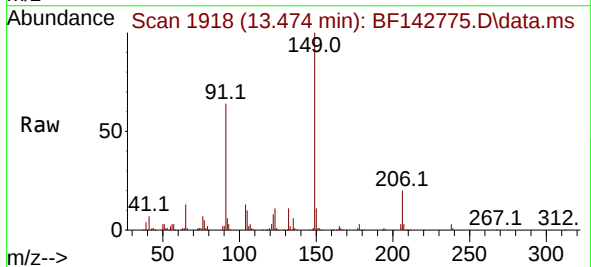
Instrument :
 BNA_F
 ClientSampleId :
 PB168505BS

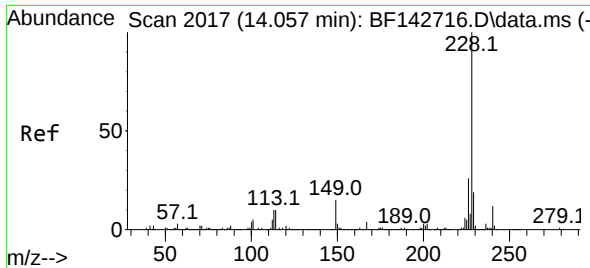
Tgt Ion:244 Resp: 1040355
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.3 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 56.080 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

Tgt Ion:149 Resp: 277467
 Ion Ratio Lower Upper
 149 100
 91 64.4 52.3 78.5
 206 20.4 16.0 24.0

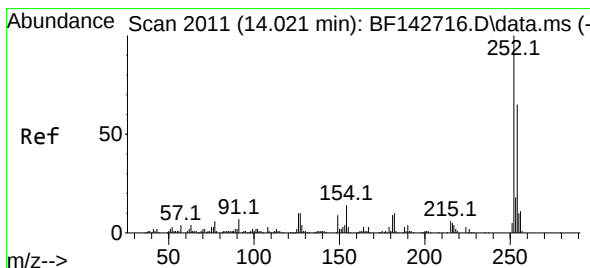
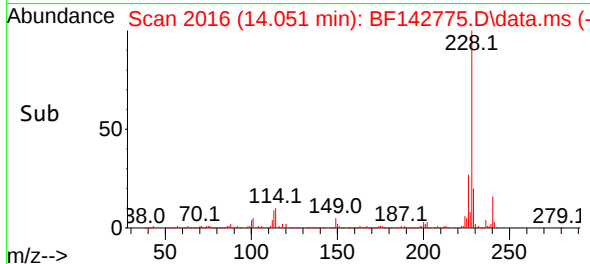
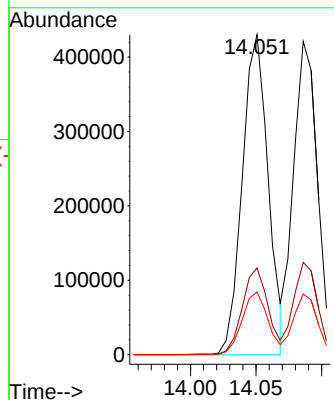
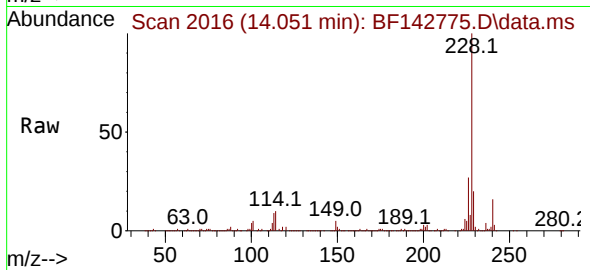




#81
Benzo(a)anthracene
Concen: 49.499 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

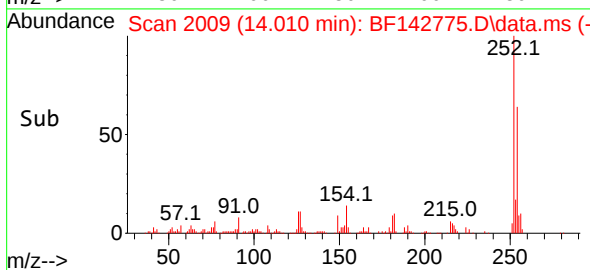
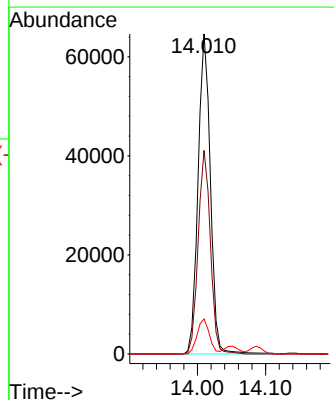
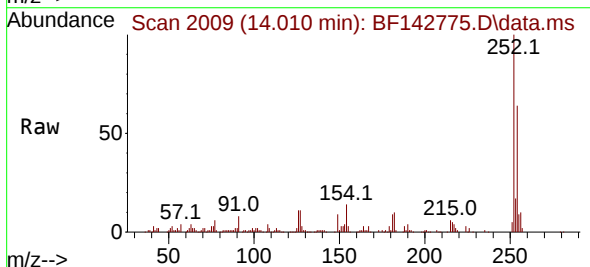
Instrument :
BNA_F
ClientSampleId :
PB168505BS

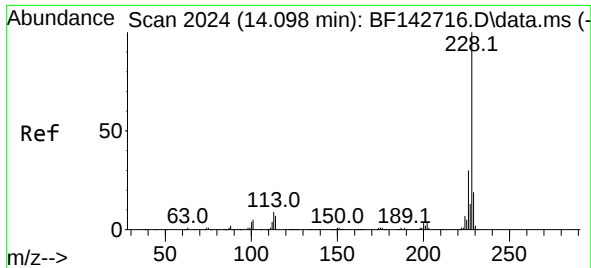
Tgt Ion:228 Resp: 590561
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 21.057 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:252 Resp: 81013
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 11.0 8.1 12.1

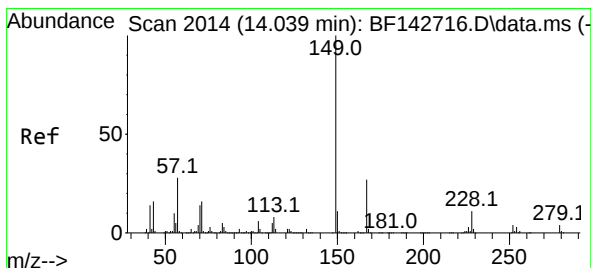
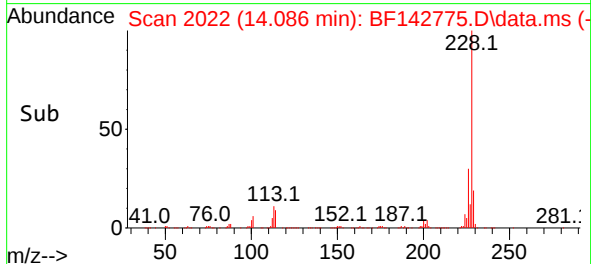
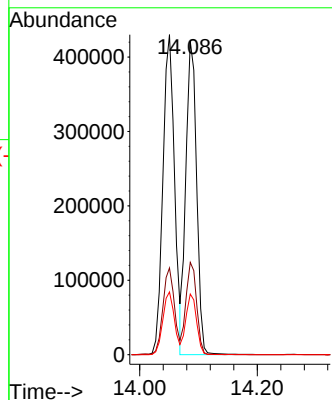
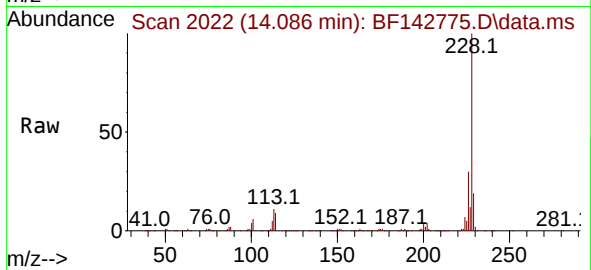




#83
Chrysene
Concen: 48.441 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

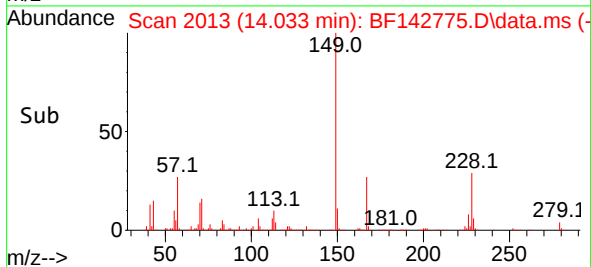
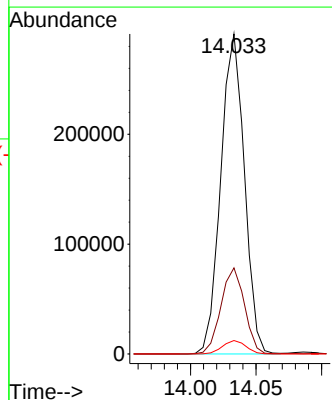
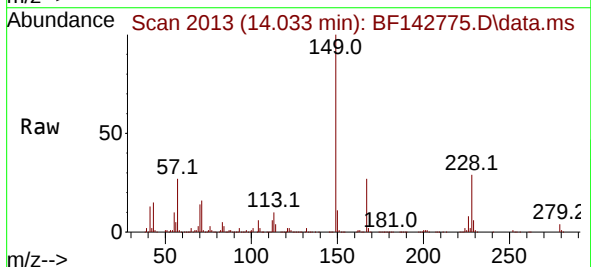
Instrument :
BNA_F
ClientSampleId :
PB168505BS

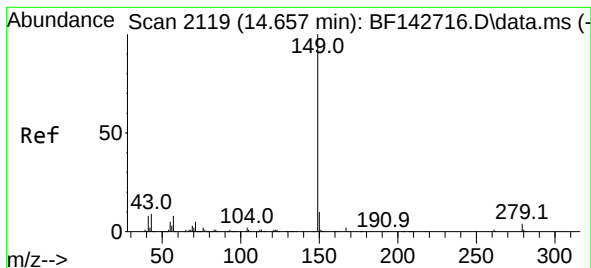
Tgt Ion:228 Resp: 533597
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 19.4 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.059 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:149 Resp: 364277
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 42.295 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB168505BS

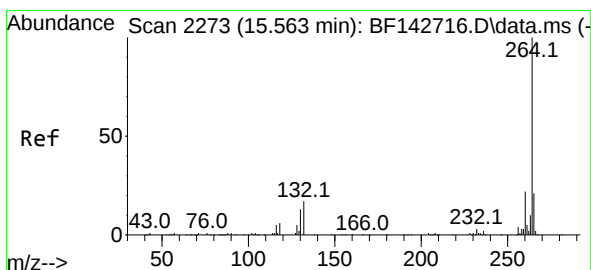
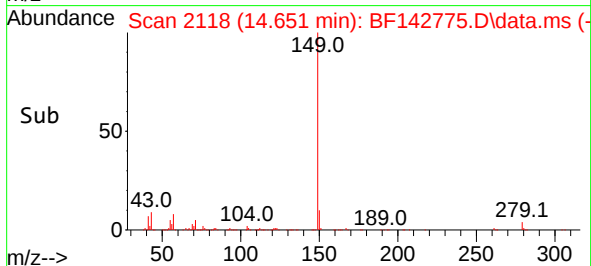
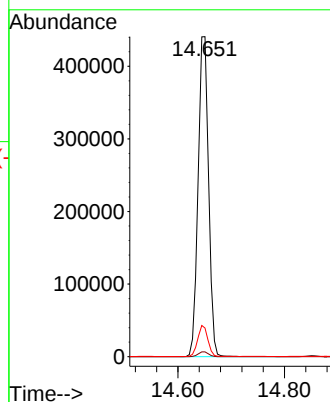
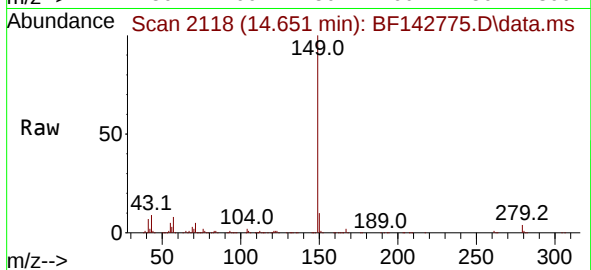
Tgt Ion:149 Resp: 602523

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.4 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142775.D

Acq: 18 Jun 2025 13:16

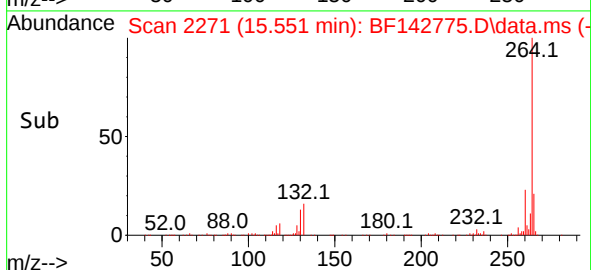
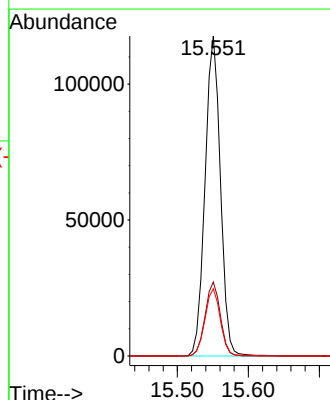
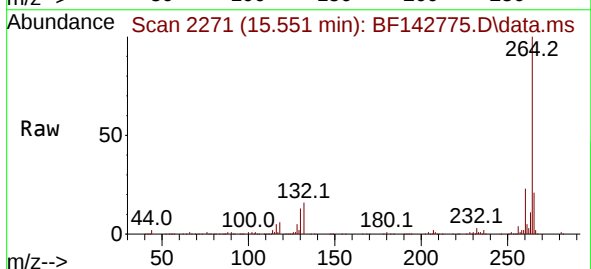
Tgt Ion:264 Resp: 177074

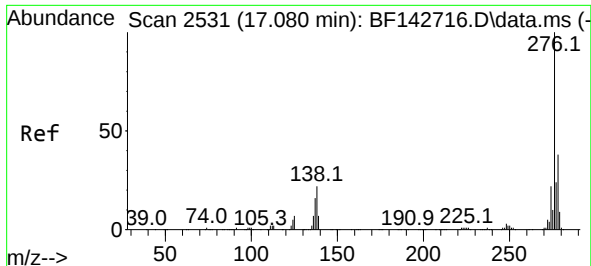
Ion Ratio Lower Upper

264 100

260 23.1 17.8 26.6

265 21.0 16.6 25.0

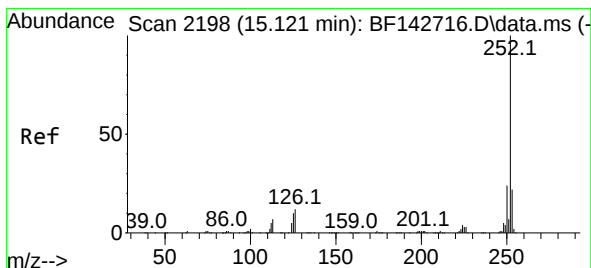
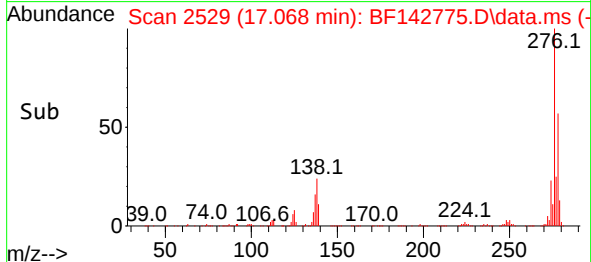
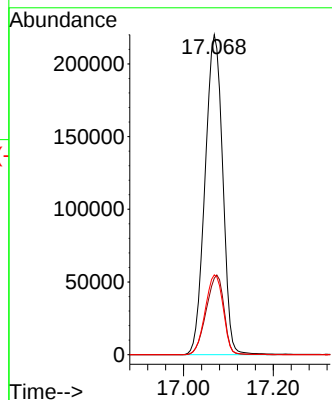
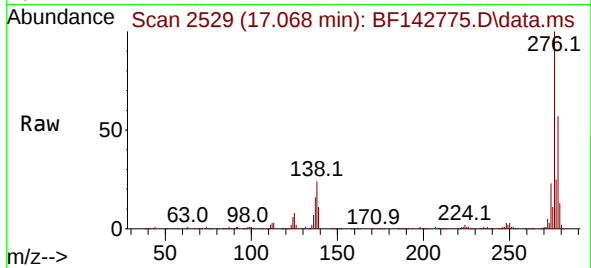




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.714 ng
 RT: 17.068 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

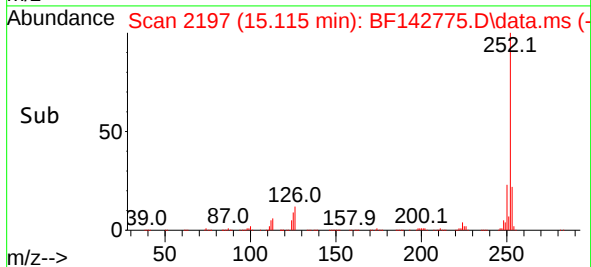
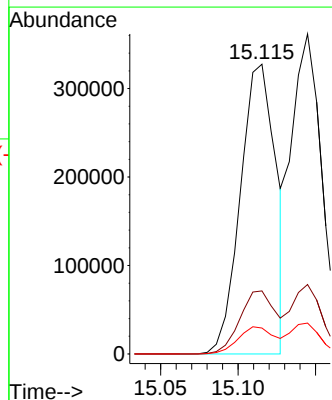
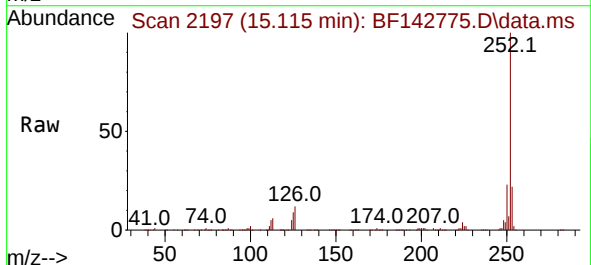
Instrument :
 BNA_F
 ClientSampleId :
 PB168505BS

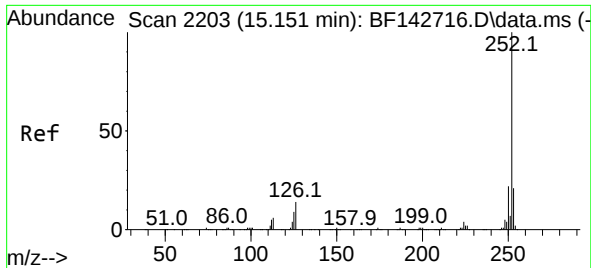
Tgt Ion:276 Resp: 599869
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.3 28.9
 277 25.5 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.045 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142775.D
 Acq: 18 Jun 2025 13:16

Tgt Ion:252 Resp: 521786
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 8.9 7.8 11.6

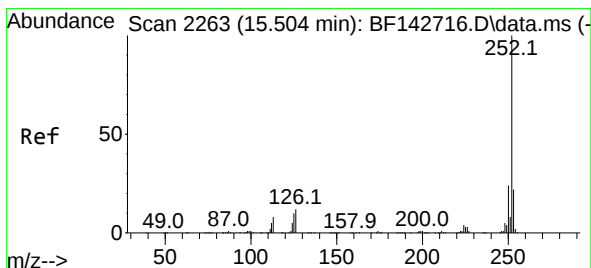
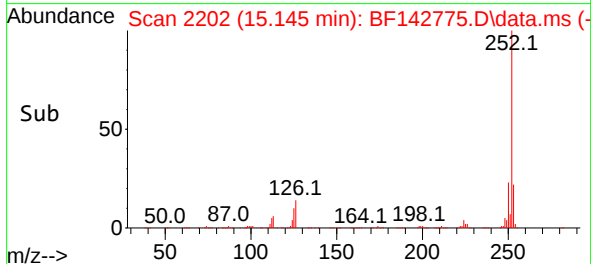
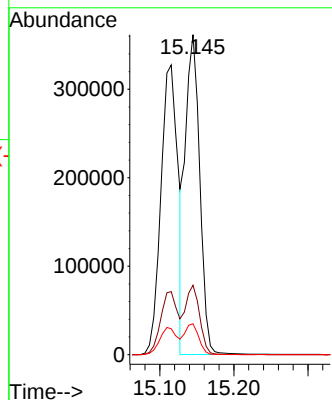
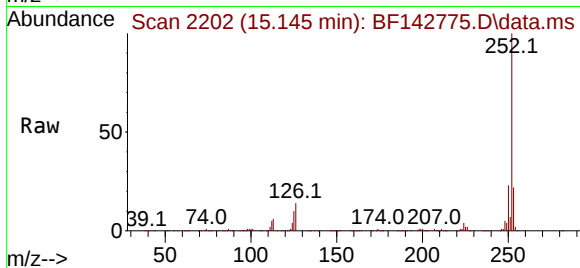




#89
Benzo(k)fluoranthene
Concen: 48.516 ng
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

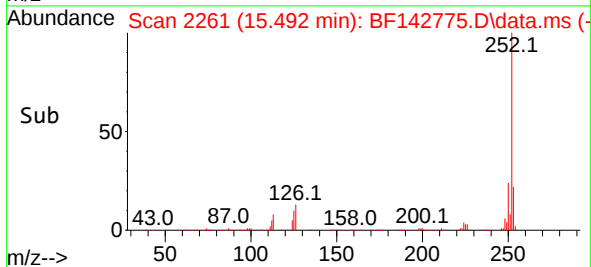
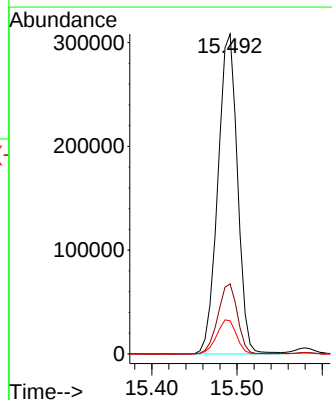
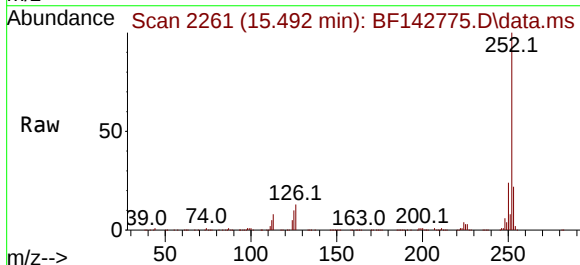
Instrument :
BNA_F
ClientSampleId :
PB168505BS

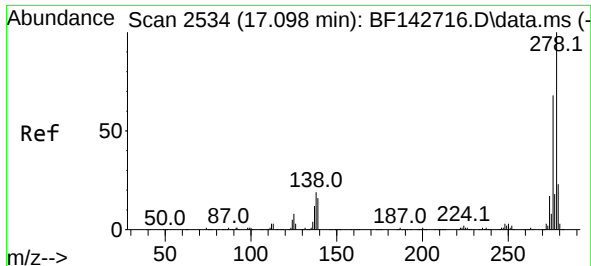
Tgt Ion:252 Resp: 490802
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 49.715 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:252 Resp: 492846
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.3 8.0 12.0

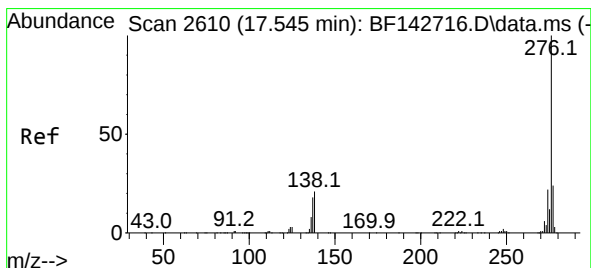
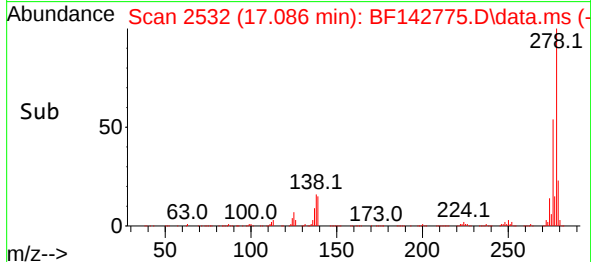
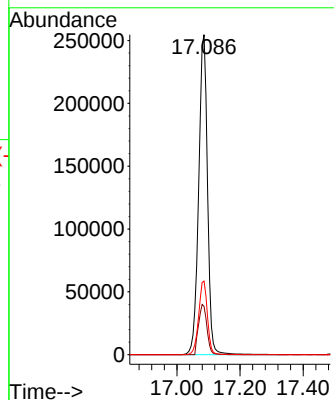
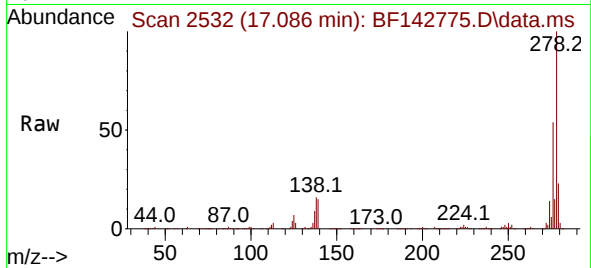




#91
Dibenzo(a,h)anthracene
Concen: 46.127 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Instrument :
BNA_F
ClientSampleId :
PB168505BS

Tgt Ion:278 Resp: 494234
Ion Ratio Lower Upper
278 100
139 15.1 12.8 19.2
279 23.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 45.667 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF142775.D
Acq: 18 Jun 2025 13:16

Tgt Ion:276 Resp: 486563
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 22.3 16.4 24.6

