

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142559.D
 Acq On : 27 May 2025 13:52
 Operator : RC/JU
 Sample : PB168164BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168164BS

Quant Time: May 27 14:22:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	116471	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	457208	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	253102	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	437353	20.000	ng	0.00
76) Chrysene-d12	14.074	240	239424	20.000	ng	0.00
86) Perylene-d12	15.562	264	242799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	825688	119.436	ng	0.00
7) Phenol-d6	6.528	99	1020644	122.646	ng	0.00
23) Nitrobenzene-d5	7.463	82	630545	75.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	360381	128.290	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1351978	71.677	ng	-0.01
79) Terphenyl-d14	13.015	244	1353642	77.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	97003	35.065	ng	100
3) Pyridine	3.510	79	274122	38.912	ng	98
4) n-Nitrosodimethylamine	3.463	42	150741	41.211	ng	92
6) Aniline	6.563	93	304314	27.196	ng	100
8) 2-Chlorophenol	6.681	128	327199	43.453	ng	98
9) Benzaldehyde	6.445	77	184173	36.796	ng	98
10) Phenol	6.539	94	393285	42.000	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	291076	43.183	ng	99
12) 1,3-Dichlorobenzene	6.839	146	346823	41.277	ng	99
13) 1,4-Dichlorobenzene	6.916	146	351738	41.558	ng	99
14) 1,2-Dichlorobenzene	7.069	146	336820	41.589	ng	100
15) Benzyl Alcohol	7.039	79	266224	43.289	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	477477	42.182	ng	99
17) 2-Methylphenol	7.151	107	258910	44.040	ng	99
18) Hexachloroethane	7.410	117	123385	41.749	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	213742	41.443	ng	99
20) 3+4-Methylphenols	7.304	107	319665	42.460	ng	97
22) Acetophenone	7.310	105	420389	41.536	ng	99
24) Nitrobenzene	7.481	77	320103	42.329	ng	99
25) Isophorone	7.722	82	590222	42.103	ng	98
26) 2-Nitrophenol	7.798	139	180030	44.553	ng	96
27) 2,4-Dimethylphenol	7.833	122	310841	43.621	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	372971	42.590	ng	99
29) 2,4-Dichlorophenol	8.039	162	280000	43.207	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	297803	42.343	ng	98
31) Naphthalene	8.204	128	945568	42.002	ng	100
32) Benzoic acid	7.951	122	209505	48.298	ng	98
33) 4-Chloroaniline	8.251	127	82012	8.990	ng	97
34) Hexachlorobutadiene	8.322	225	178932	40.746	ng	98
35) Caprolactam	8.622	113	54164	29.759	ng	99
36) 4-Chloro-3-methylphenol	8.733	107	290133	43.685	ng	98
37) 2-Methylnaphthalene	8.898	142	590920	41.722	ng	100
38) 1-Methylnaphthalene	8.998	142	611913	41.769	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	300020	41.294	ng	99
41) Hexachlorocyclopentadiene	9.051	237	416965	85.074	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	212065	43.285	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	225706	43.683	ng	98
46) 1,1'-Biphenyl	9.363	154	813198	41.413	ng	100
47) 2-Chloronaphthalene	9.386	162	603248	41.581	ng	99
48) 2-Nitroaniline	9.480	65	182227	43.456	ng	97
49) Acenaphthylene	9.804	152	1027176	41.930	ng	99
50) Dimethylphthalate	9.663	163	722100	43.238	ng	100
51) 2,6-Dinitrotoluene	9.722	165	161427	44.785	ng	99
52) Acenaphthene	9.975	154	692216	46.275	ng	99
53) 3-Nitroaniline	9.892	138	74067	18.813	ng	98
54) 2,4-Dinitrophenol	9.998	184	194404	104.394	ng	92
55) Dibenzofuran	10.151	168	906176	42.097	ng	98
56) 4-Nitrophenol	10.057	139	268942	92.583	ng	99
57) 2,4-Dinitrotoluene	10.127	165	224847	47.765	ng	99
58) Fluorene	10.492	166	704563	42.367	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	191578	44.414	ng	100
60) Diethylphthalate	10.363	149	720212	44.156	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	347465	42.533	ng	98
62) 4-Nitroaniline	10.510	138	168963	47.320	ng	98
63) Azobenzene	10.639	77	640824	43.743	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	119765	49.069	ng	98
66) n-Nitrosodiphenylamine	10.598	169	622740	41.619	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	220262	42.592	ng	97
68) Hexachlorobenzene	11.039	284	245175	42.865	ng	99
69) Atrazine	11.127	200	192096	48.342	ng	100
70) Pentachlorophenol	11.233	266	285057	88.274	ng	99
71) Phenanthrene	11.457	178	990202	42.365	ng	99
72) Anthracene	11.510	178	1020691	42.789	ng	99
73) Carbazole	11.657	167	897921	44.032	ng	100
74) Di-n-butylphthalate	11.986	149	1040085	46.595	ng	100
75) Fluoranthene	12.645	202	986787	45.183	ng	99
77) Benzidine	12.763	184	304851	34.216	ng	100
78) Pyrene	12.874	202	979930	43.875	ng	100
80) Butylbenzylphthalate	13.486	149	311795	50.522	ng	99
81) Benzo(a)anthracene	14.063	228	709371	44.370	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	77326	15.946	ng	99
83) Chrysene	14.098	228	622469	43.330	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	383125	48.494	ng	99
85) Di-n-octyl phthalate	14.657	149	649669	42.056	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	781448	42.871	ng	99
88) Benzo(b)fluoranthene	15.127	252	635116	44.197	ng	99
89) Benzo(k)fluoranthene	15.157	252	577208	42.886	ng	99
90) Benzo(a)pyrene	15.504	252	599603	44.267	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	641508	43.393	ng	99
92) Benzo(g,h,i)perylene	17.539	276	640509	43.316	ng	99

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

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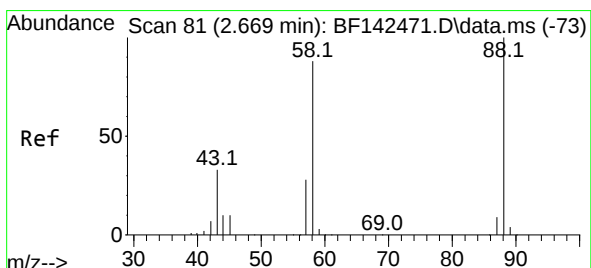
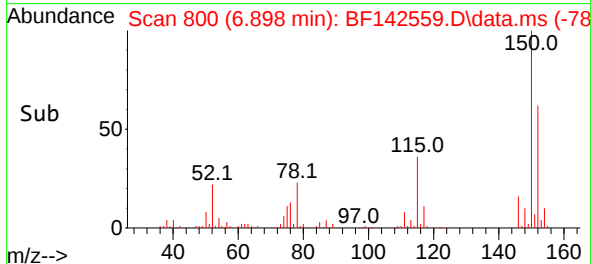
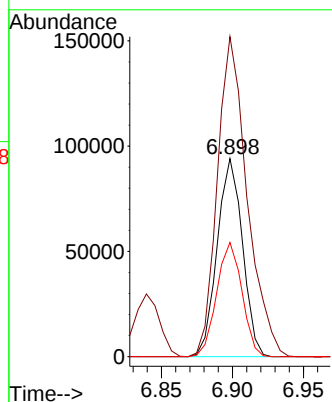
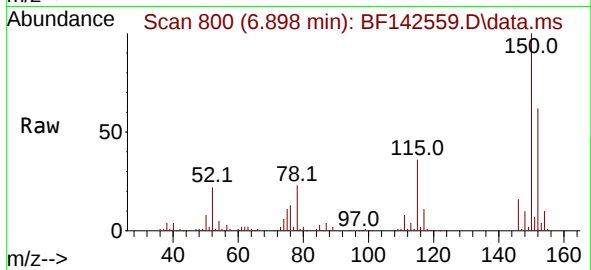




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

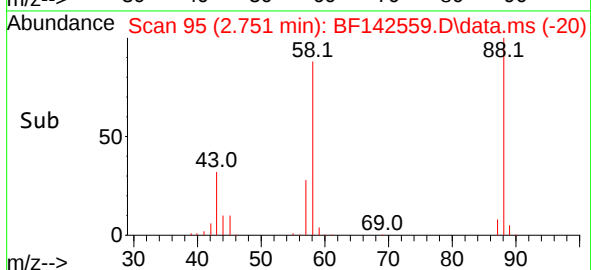
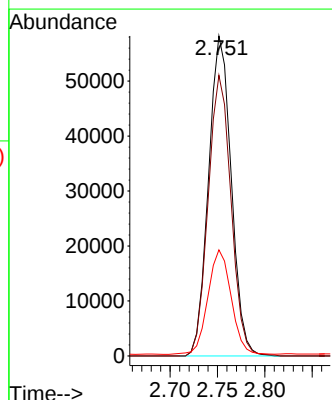
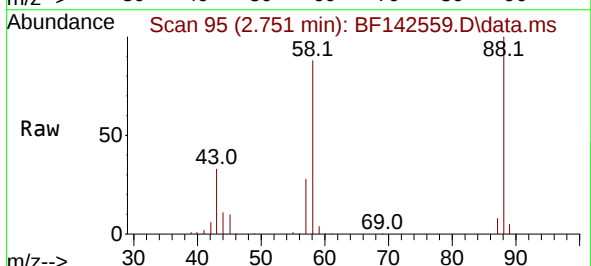
Instrument :
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 PB168164BS

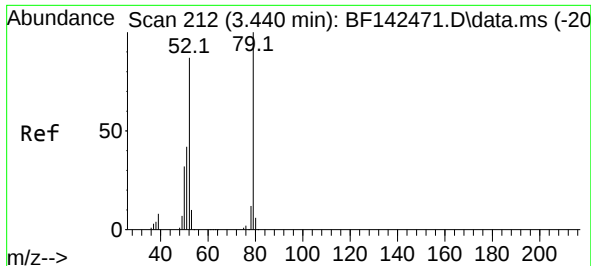
Tgt Ion:152 Resp: 116471
 Ion Ratio Lower Upper
 152 100
 150 161.6 128.2 192.4
 115 57.7 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.065 ng
 RT: 2.751 min Scan# 95
 Delta R.T. 0.088 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

Tgt Ion: 88 Resp: 97003
 Ion Ratio Lower Upper
 88 100
 58 88.3 70.8 106.2
 43 33.4 26.6 40.0

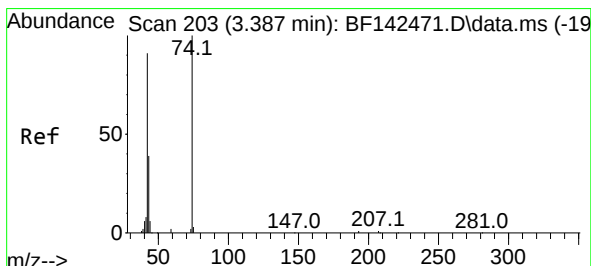
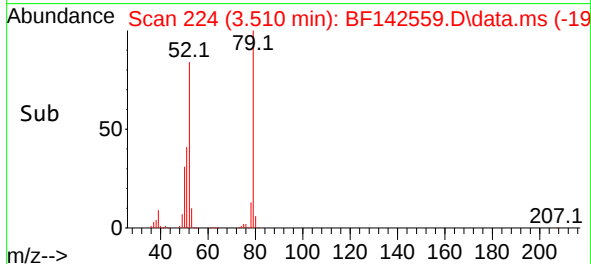
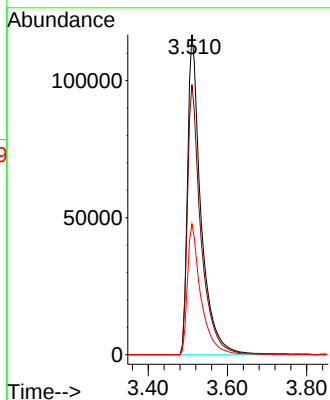
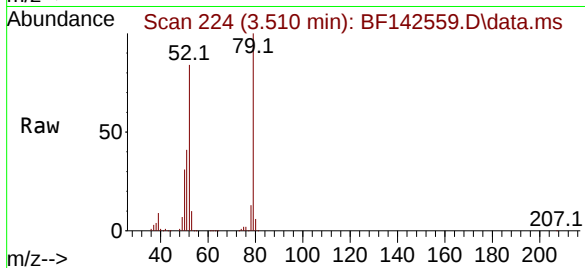




#3
Pyridine
Concen: 38.912 ng
RT: 3.510 min Scan# 216
Delta R.T. 0.071 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

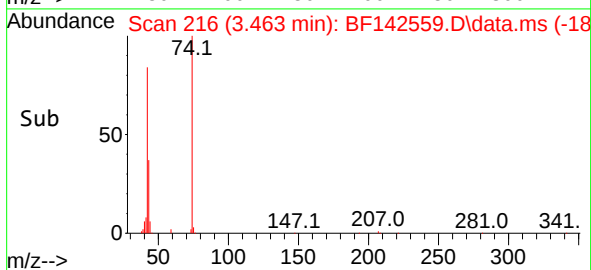
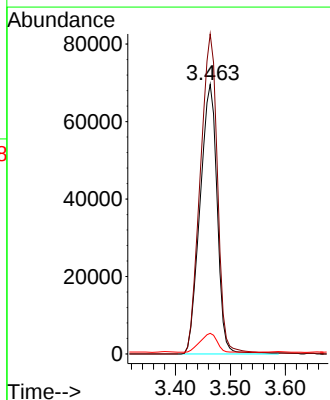
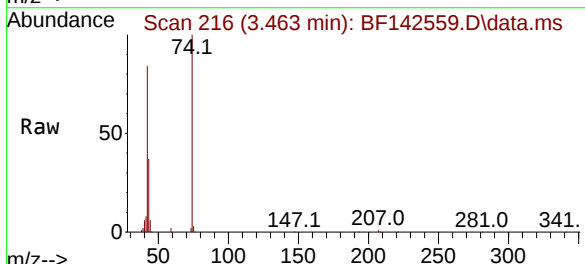
Instrument :
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ClientSampleId :
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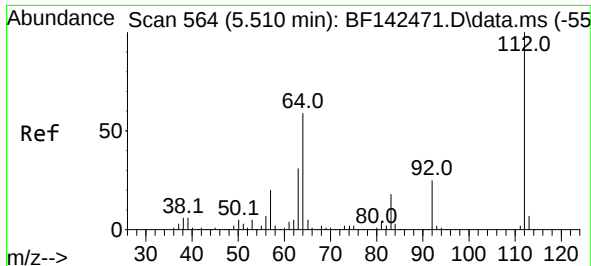
Tgt Ion: 79 Resp: 274122
Ion Ratio Lower Upper
79 100
52 84.4 69.2 103.8
51 40.8 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 41.211 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.059 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion: 42 Resp: 150741
Ion Ratio Lower Upper
42 100
74 118.7 88.2 132.4
44 7.7 5.4 8.2

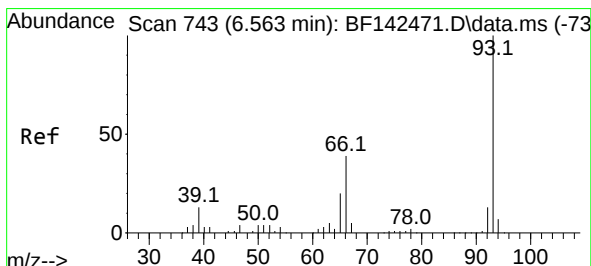
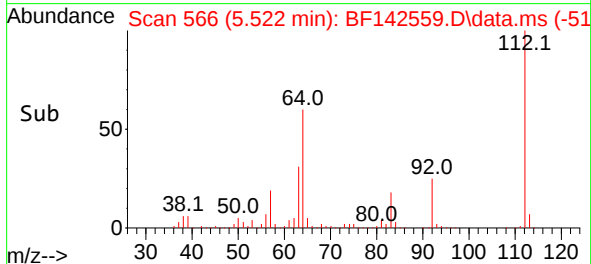
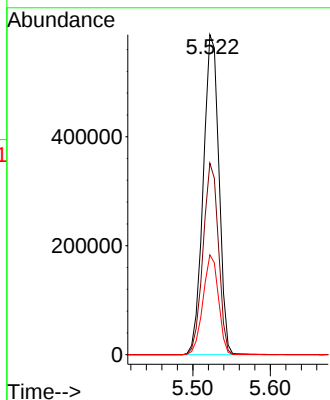
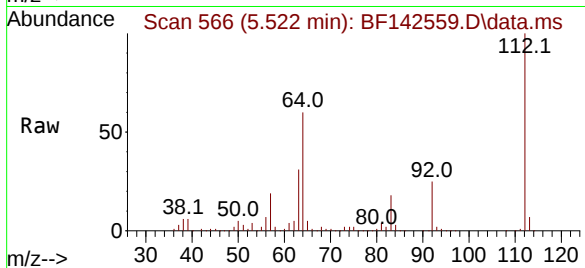




#5
2-Fluorophenol
Concen: 119.436 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

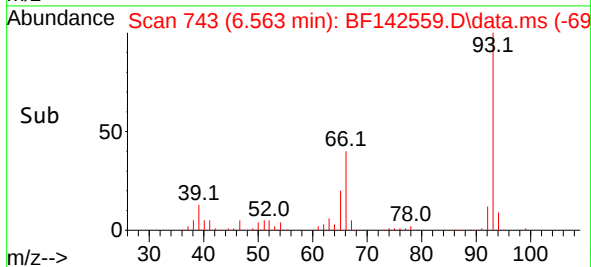
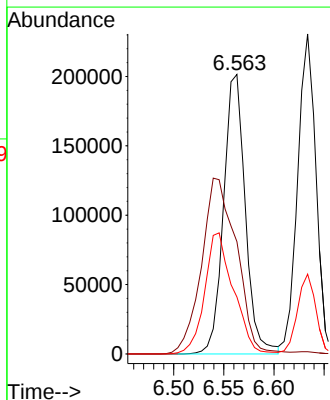
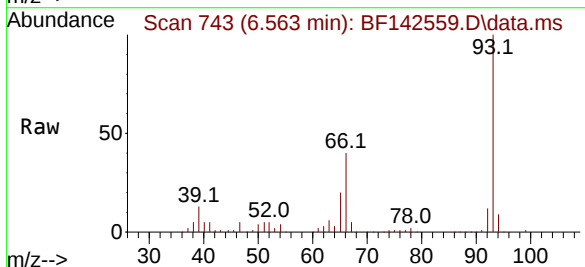
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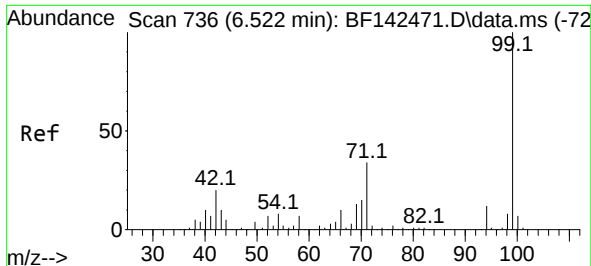
Tgt Ion:112 Resp: 825688
Ion Ratio Lower Upper
112 100
64 59.8 47.5 71.3
63 31.2 24.9 37.3



#6
Aniline
Concen: 27.196 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion: 93 Resp: 304314
Ion Ratio Lower Upper
93 100
66 40.2 32.0 48.0
65 20.4 16.1 24.1

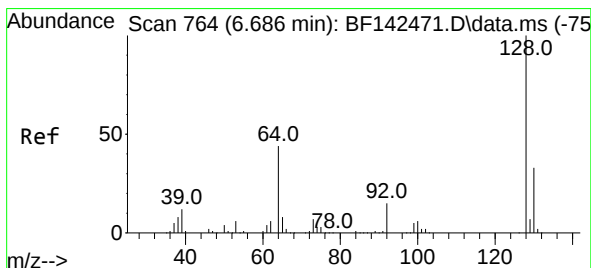
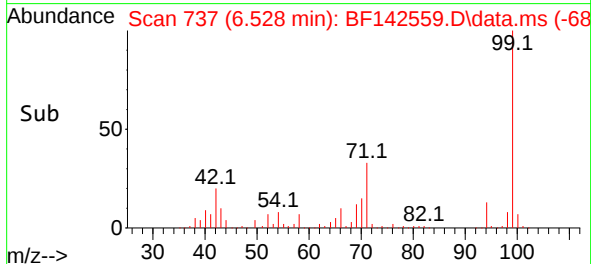
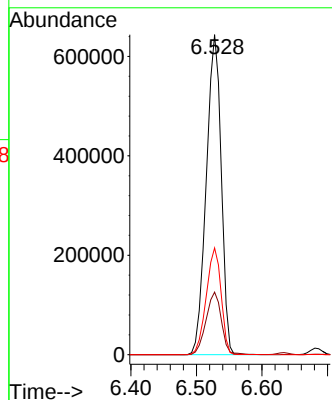
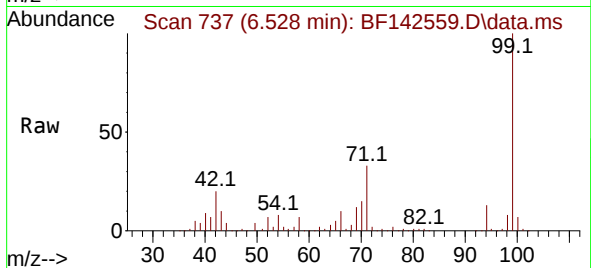




#7
Phenol-d6
Concen: 122.646 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

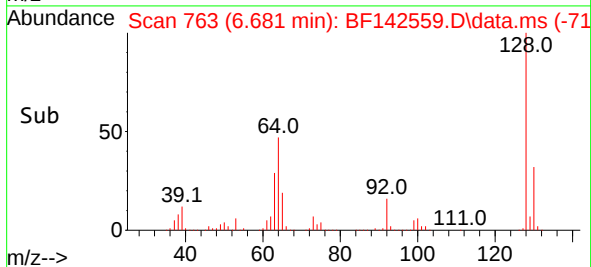
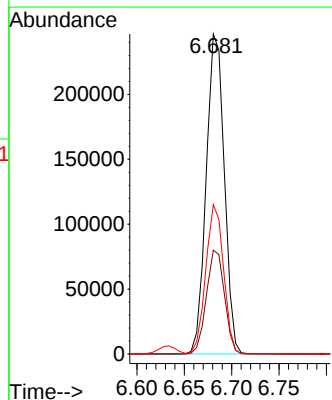
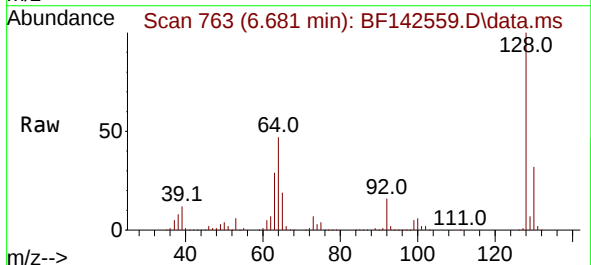
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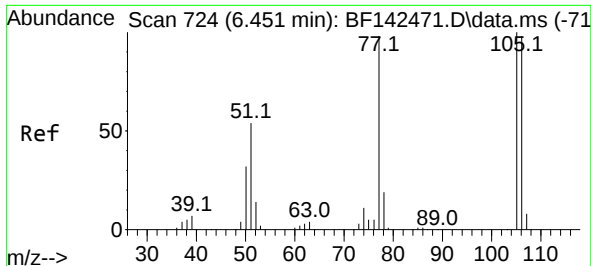
Tgt Ion: 99 Resp: 1020644
Ion Ratio Lower Upper
99 100
42 19.5 16.2 24.2
71 33.3 27.3 40.9



#8
2-Chlorophenol
Concen: 43.453 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 327199
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 46.7 25.1 65.1





#9

Benzaldehyde

Concen: 36.796 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

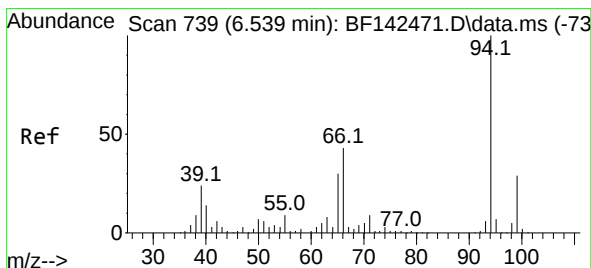
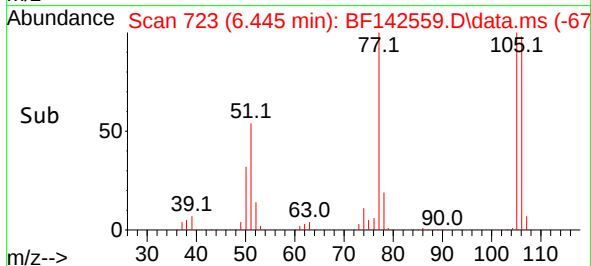
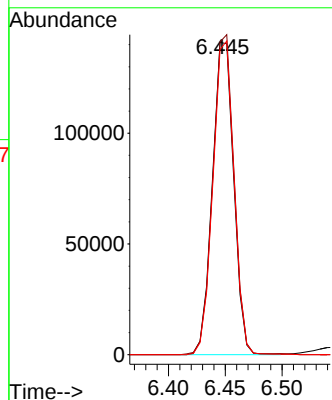
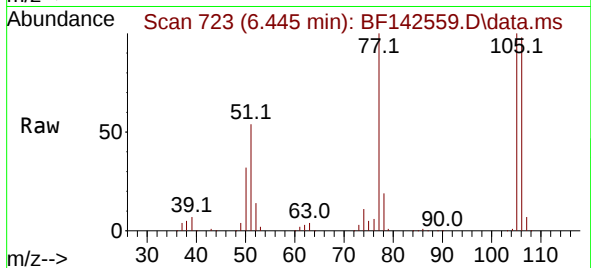
Tgt Ion: 77 Resp: 184173

Ion Ratio Lower Upper

77 100

105 100.1 82.5 122.5

106 97.7 80.0 120.0



#10

Phenol

Concen: 42.000 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

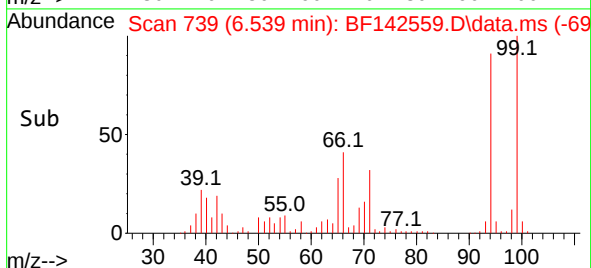
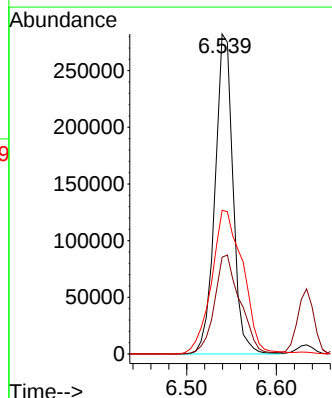
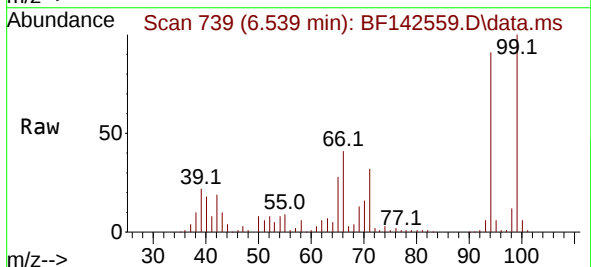
Tgt Ion: 94 Resp: 393285

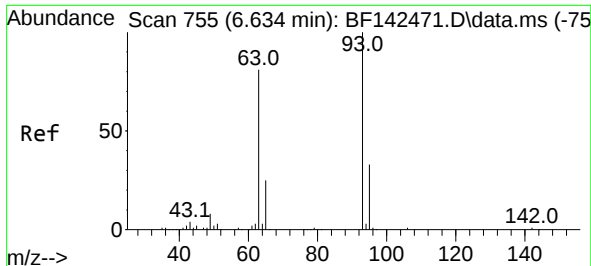
Ion Ratio Lower Upper

94 100

65 30.3 10.3 50.3

66 44.9 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 43.183 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

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Instrument :

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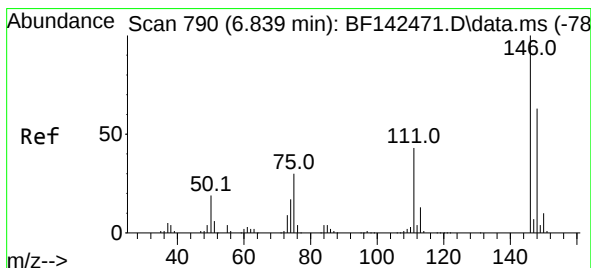
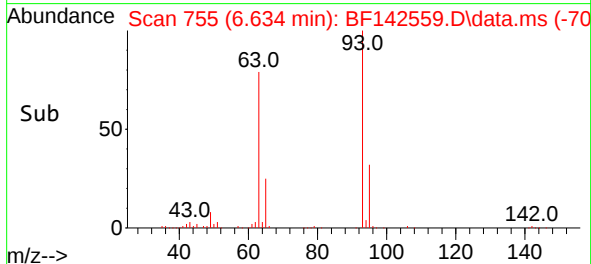
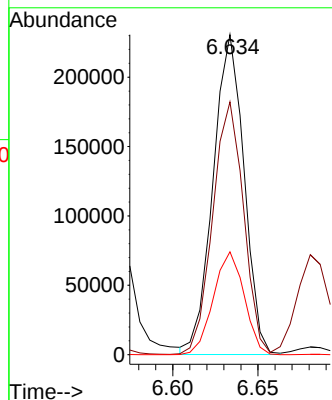
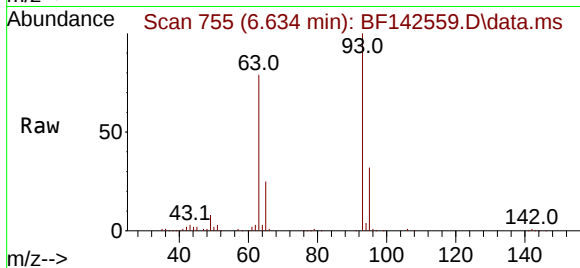
Tgt Ion: 93 Resp: 291076

Ion Ratio Lower Upper

93 100

63 79.0 60.2 100.2

95 32.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.277 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

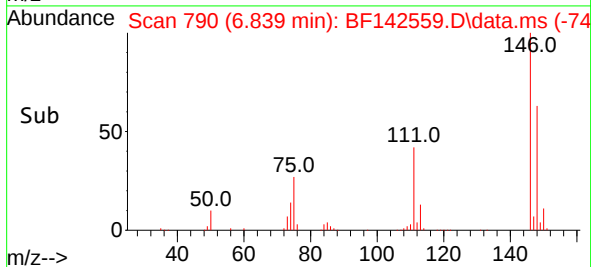
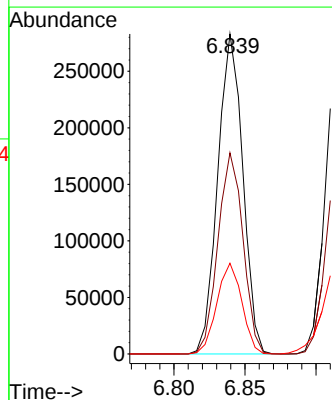
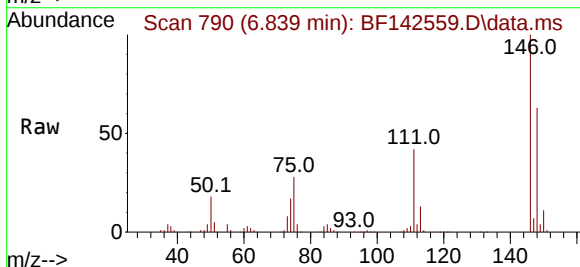
Tgt Ion:146 Resp: 346823

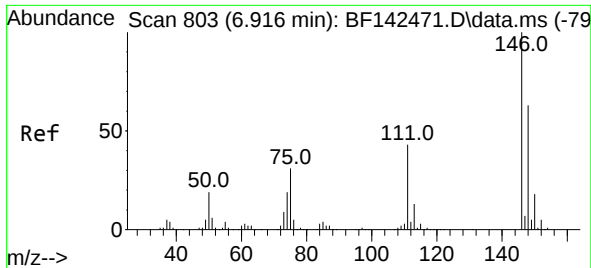
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

75 28.4 23.8 35.6

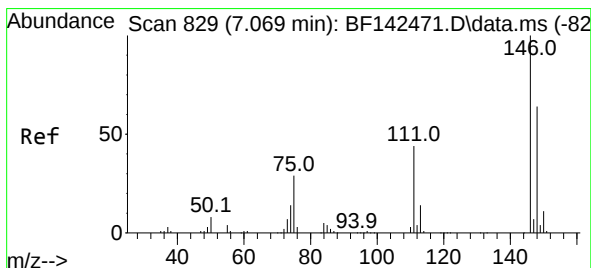
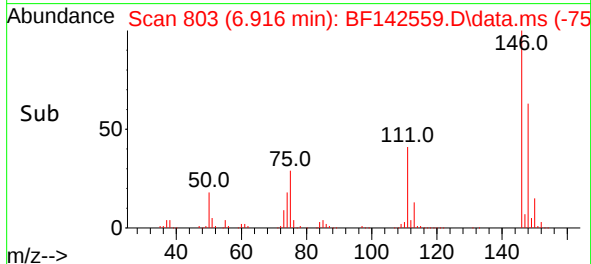
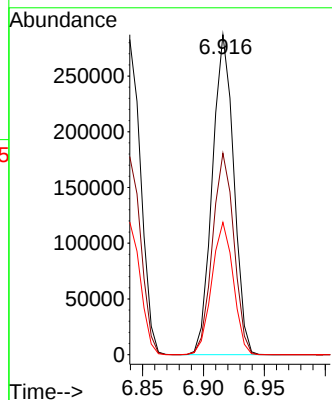
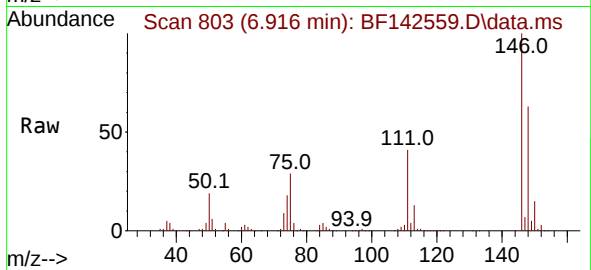




#13
 1,4-Dichlorobenzene
 Concen: 41.558 ng
 RT: 6.916 min Scan# 803
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

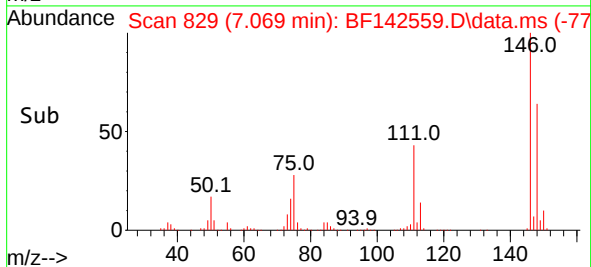
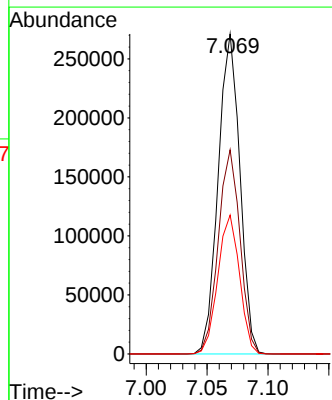
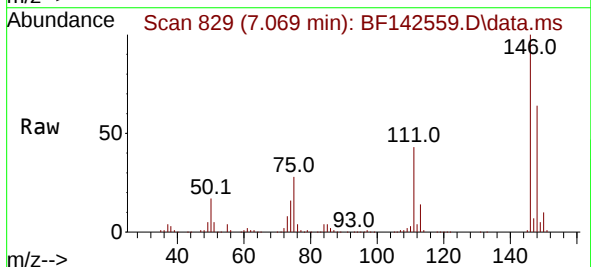
Instrument :
 BNA_F
 ClientSampleId :
 PB168164BS

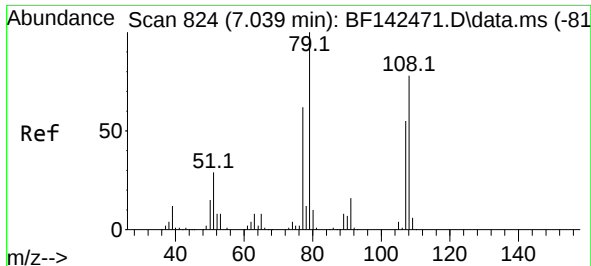
Tgt Ion:146 Resp: 351738
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.4 75.6
 111 41.4 34.1 51.1



#14
 1,2-Dichlorobenzene
 Concen: 41.589 ng
 RT: 7.069 min Scan# 829
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

Tgt Ion:146 Resp: 336820
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 43.4 35.0 52.6

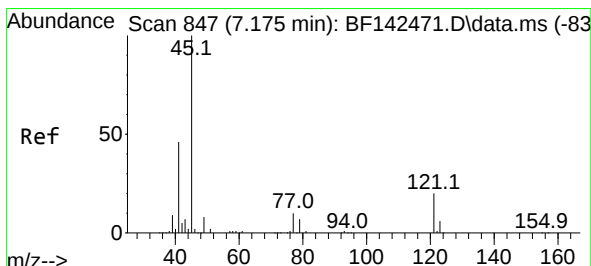
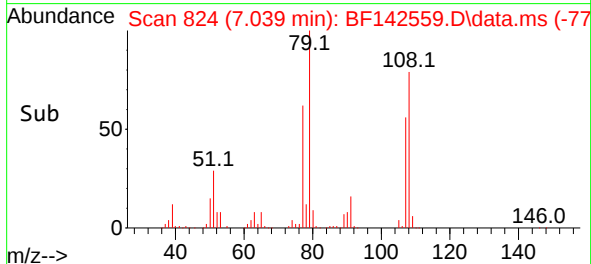
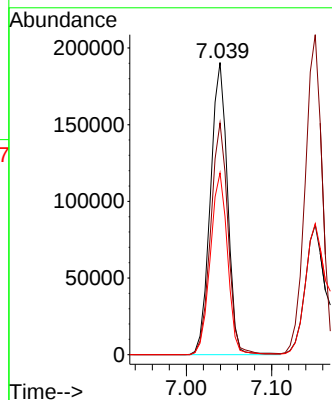
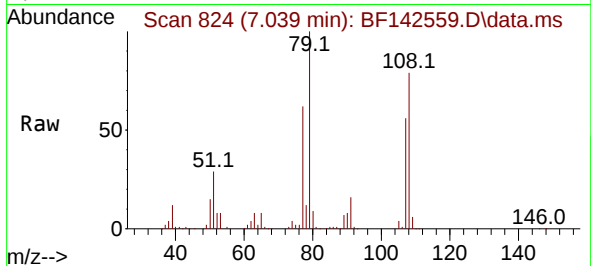




#15
Benzyl Alcohol
Concen: 43.289 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

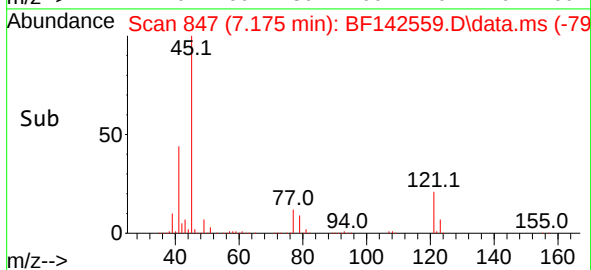
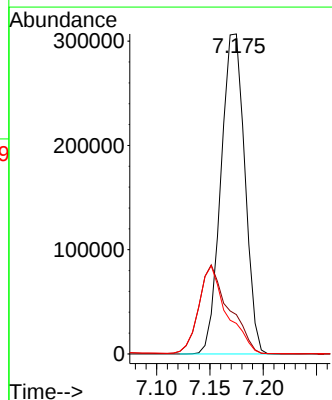
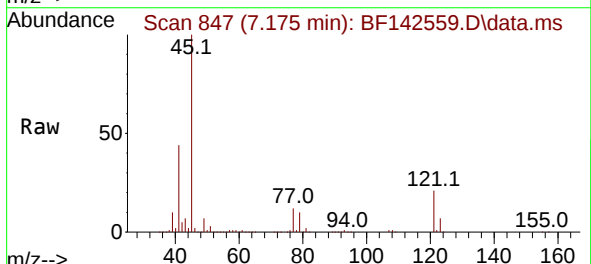
Instrument :
BNA_F
ClientSampleId :
PB168164BS

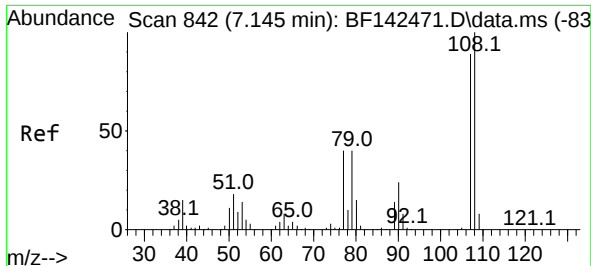
Tgt Ion: 79 Resp: 266224
Ion Ratio Lower Upper
79 100
108 79.4 62.1 93.1
77 62.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.182 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion: 45 Resp: 477477
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.6 0.0 29.2

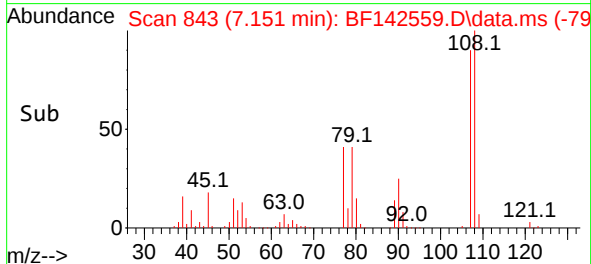
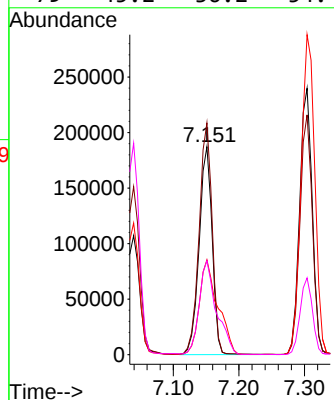
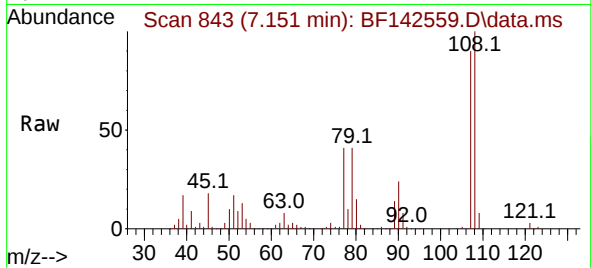




#17
2-Methylphenol
Concen: 44.040 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

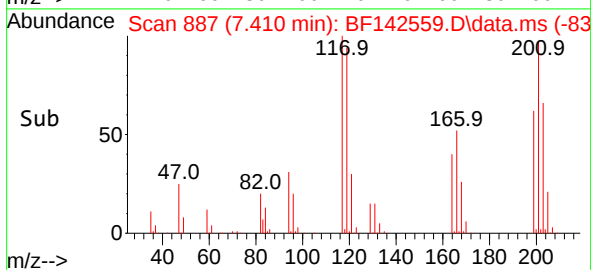
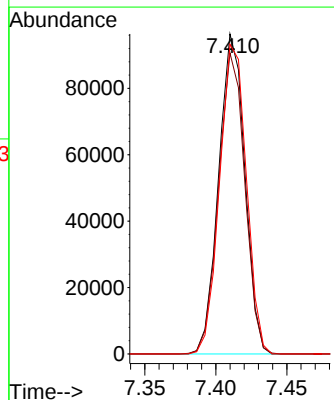
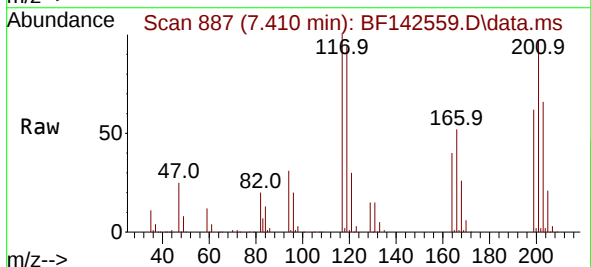
Instrument :
BNA_F
ClientSampleId :
PB168164BS

Tgt Ion:107 Resp: 258910
Ion Ratio Lower Upper
107 100
108 111.4 90.2 135.2
77 45.6 36.1 54.1
79 45.2 36.2 54.4



#18
Hexachloroethane
Concen: 41.749 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:117 Resp: 123385
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8
201 96.7 81.3 121.9



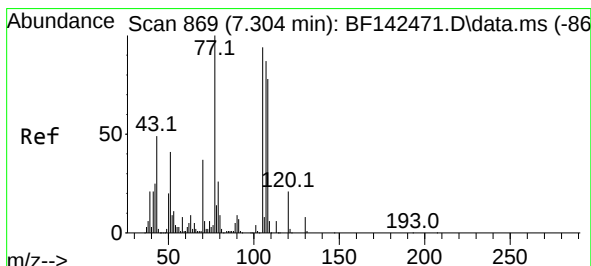
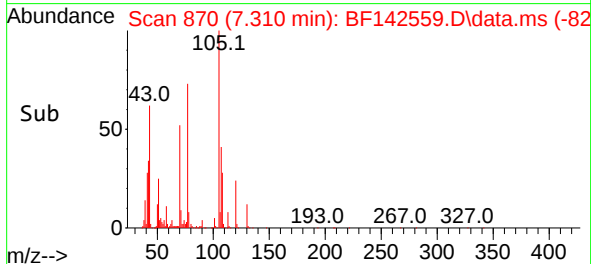
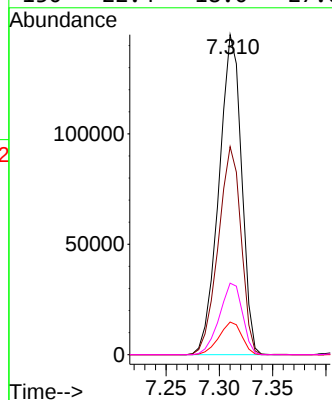
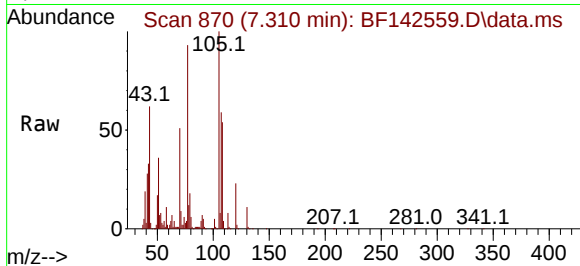


#19
n-Nitroso-di-n-propylamine
Concen: 41.443 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168164BS

Tgt Ion: 70 Resp: 213742

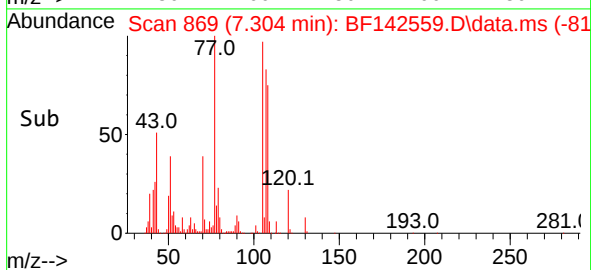
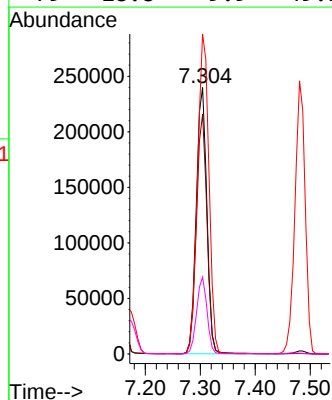
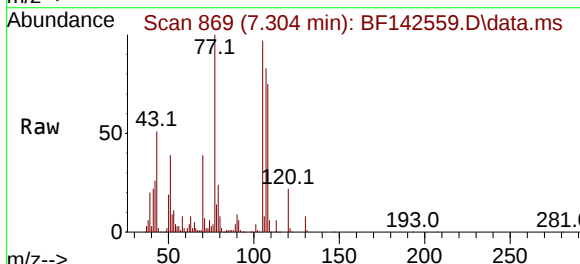
Ion	Ratio	Lower	Upper
70	100		
42	65.0	52.4	78.6
101	10.2	7.8	11.8
130	22.4	18.0	27.0

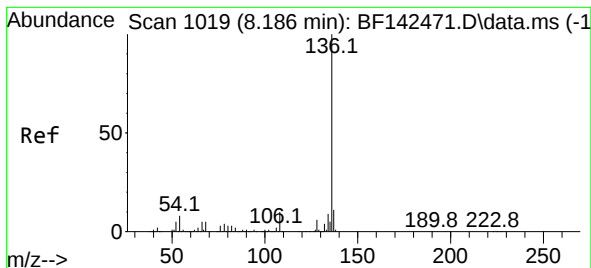


#20
3+4-Methylphenols
Concen: 42.460 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion: 107 Resp: 319665

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.4	110.4
77	120.1	95.4	135.4
79	28.8	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

Tgt Ion:136 Resp: 457208

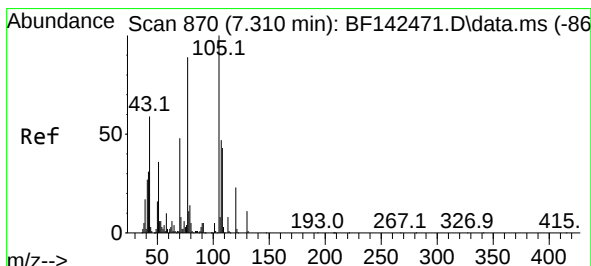
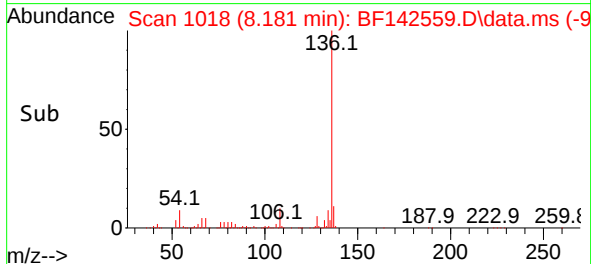
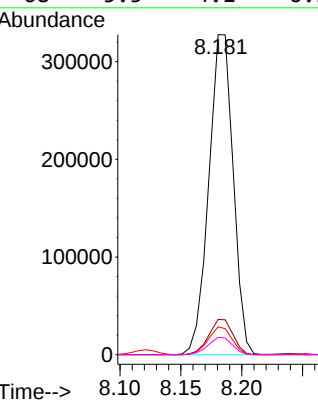
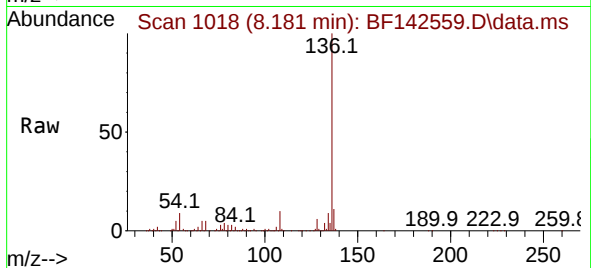
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.7 6.6 10.0

68 5.5 4.1 6.1



#22

Acetophenone

Concen: 41.536 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Tgt Ion:105 Resp: 420389

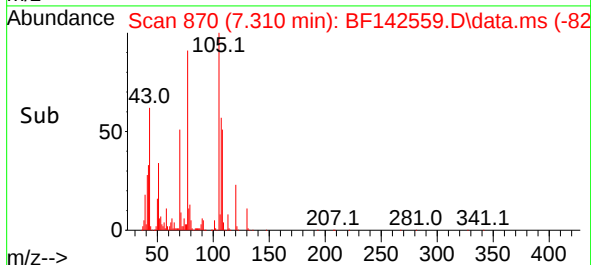
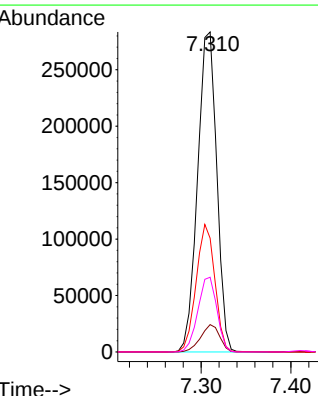
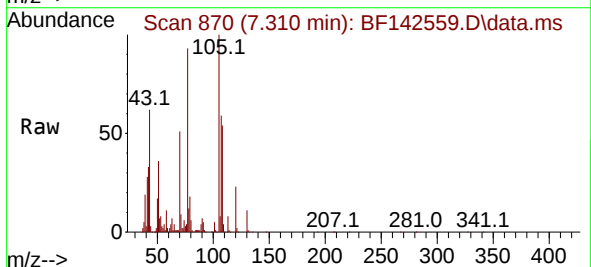
Ion Ratio Lower Upper

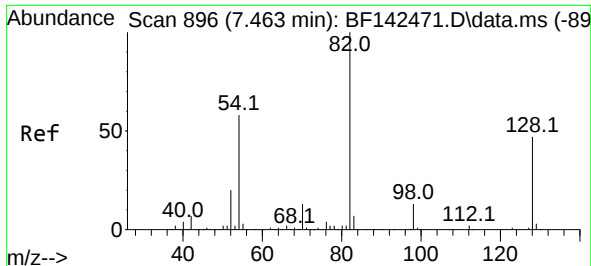
105 100

71 8.5 6.4 9.6

51 35.6 28.6 42.8

120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.202 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

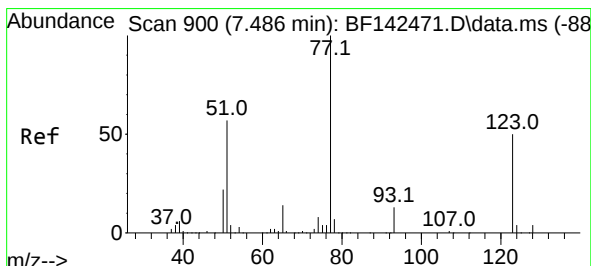
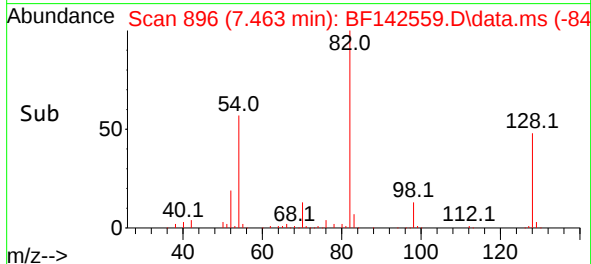
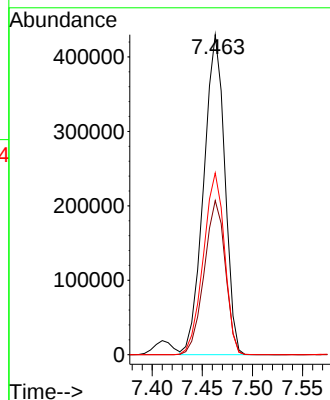
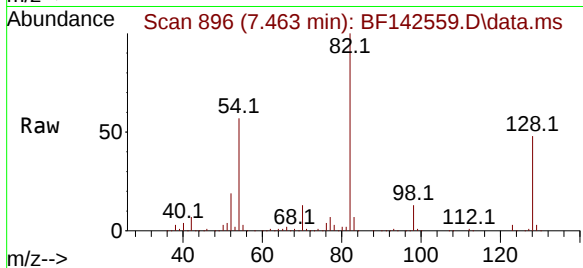
Tgt Ion: 82 Resp: 630545

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 56.8 46.6 70.0



#24

Nitrobenzene

Concen: 42.329 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

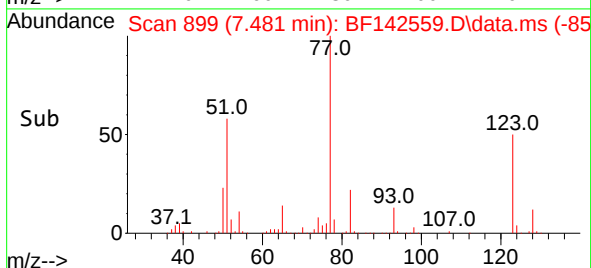
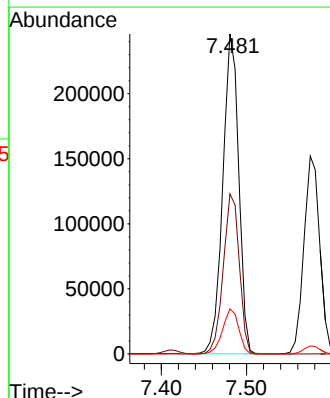
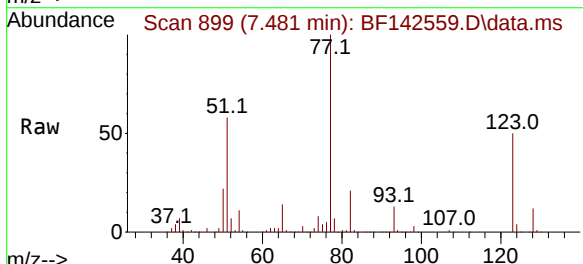
Tgt Ion: 77 Resp: 320103

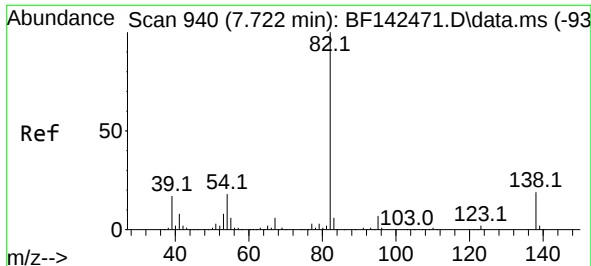
Ion Ratio Lower Upper

77 100

123 50.0 40.6 61.0

65 14.1 11.4 17.2

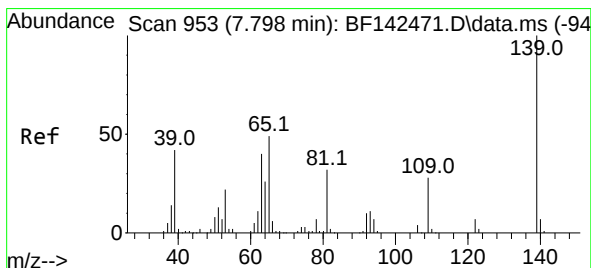
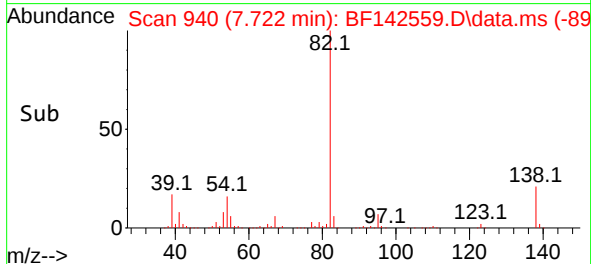
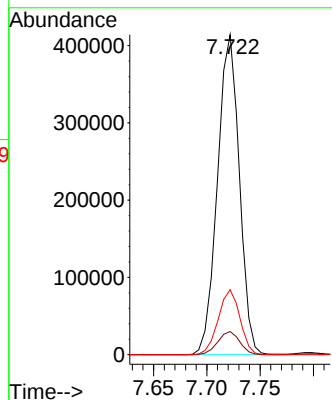
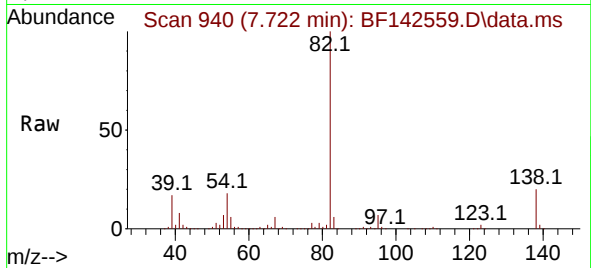




#25
Isophorone
Concen: 42.103 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

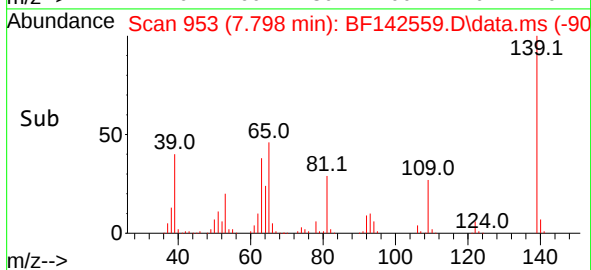
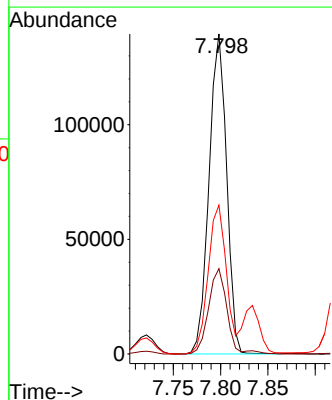
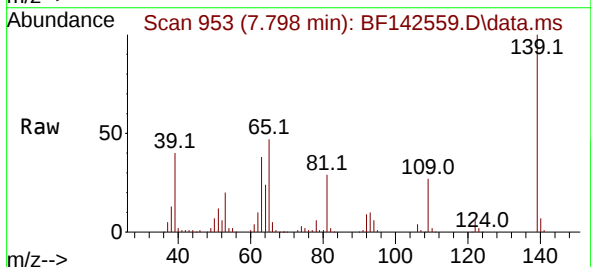
Instrument :
BNA_F
ClientSampleId :
PB168164BS

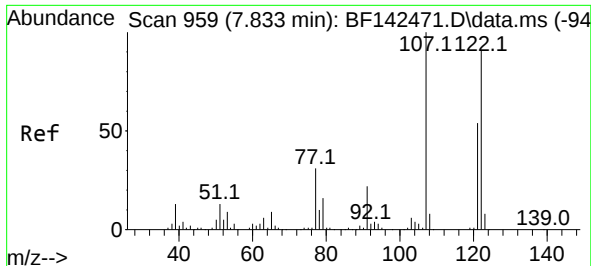
Tgt Ion: 82 Resp: 590222
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 44.553 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:139 Resp: 180030
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 46.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 43.621 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

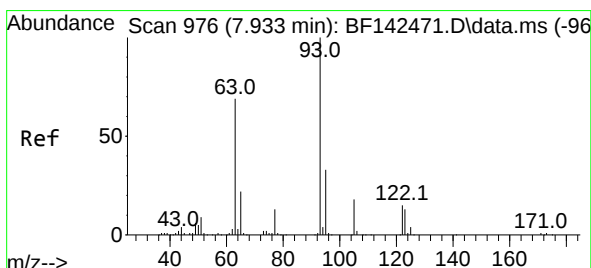
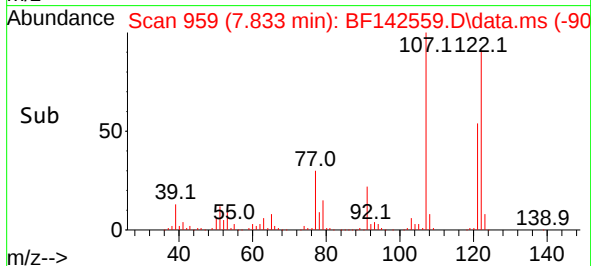
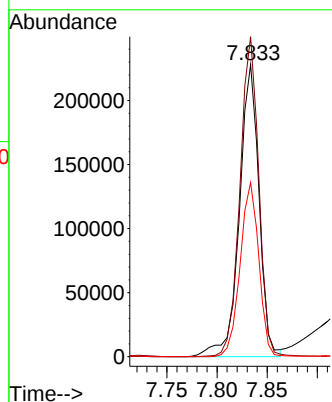
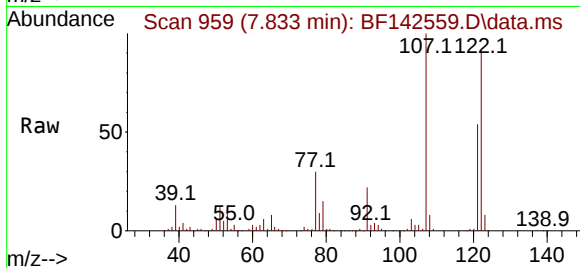
Tgt Ion:122 Resp: 310841

Ion Ratio Lower Upper

122 100

107 109.5 88.1 132.1

121 59.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.590 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

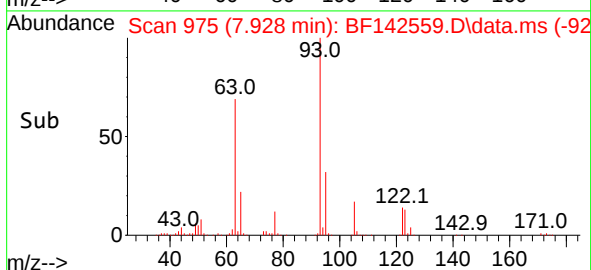
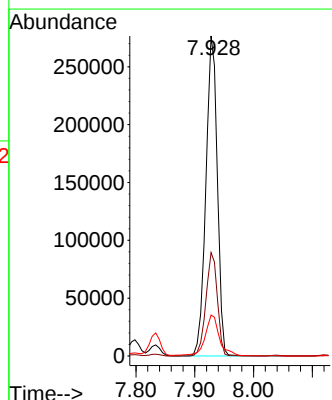
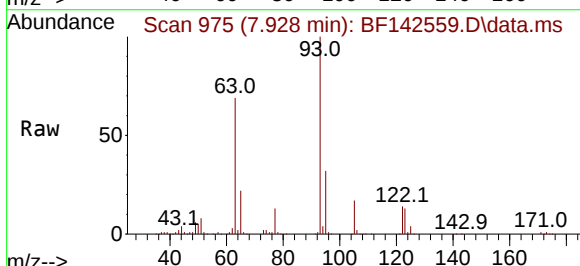
Tgt Ion: 93 Resp: 372971

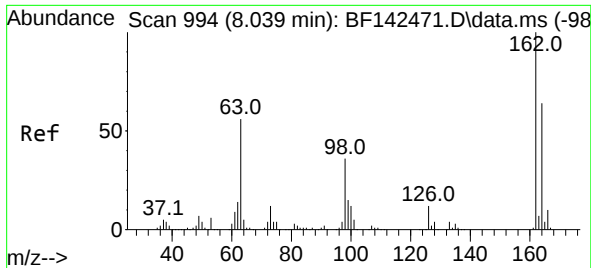
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

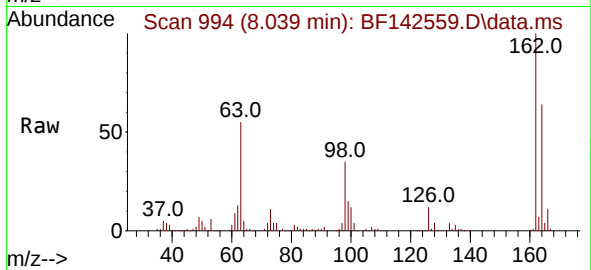
123 12.8 10.6 15.8



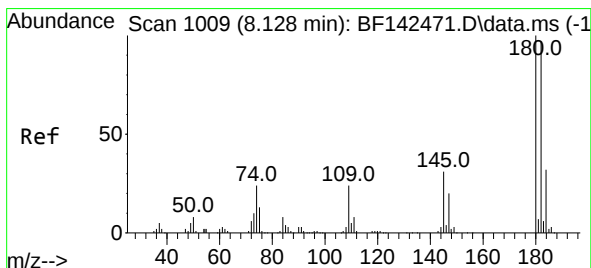
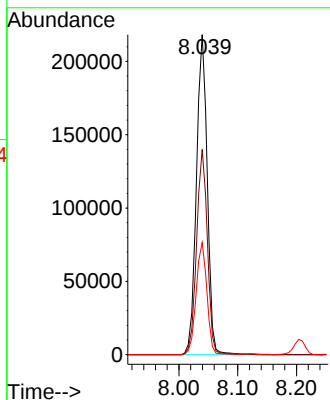
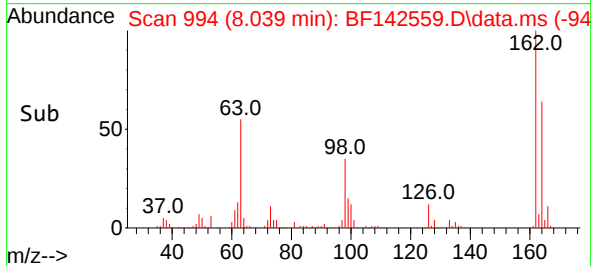


#29
2,4-Dichlorophenol
Concen: 43.207 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

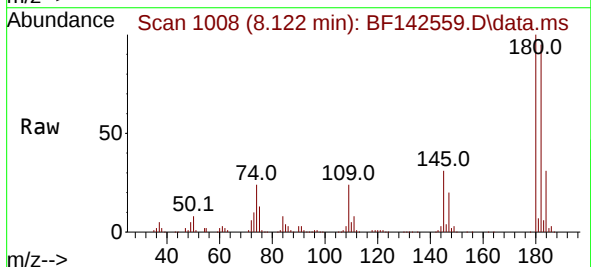
Instrument :
BNA_F
ClientSampleId :
PB168164BS



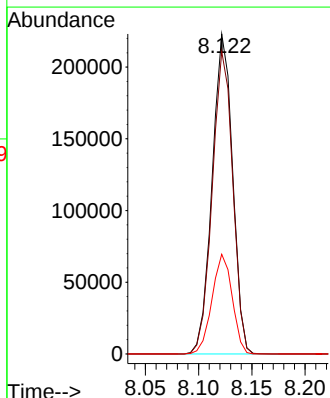
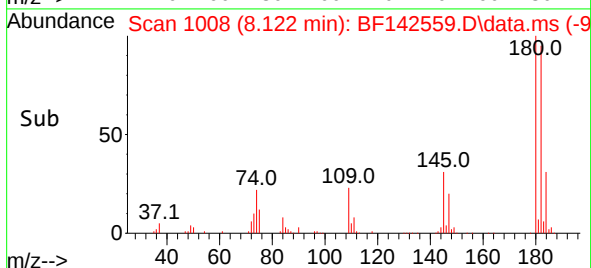
Tgt Ion:162 Resp: 280000
Ion Ratio Lower Upper
162 100
164 64.1 43.7 83.7
98 35.1 15.5 55.5

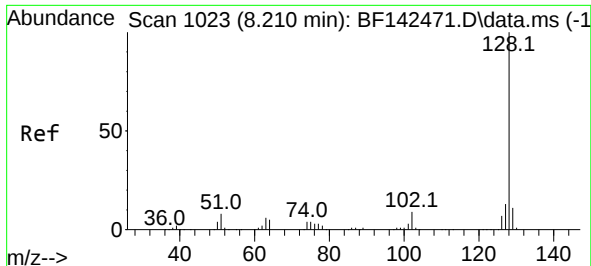


#30
1,2,4-Trichlorobenzene
Concen: 42.343 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52



Tgt Ion:180 Resp: 297803
Ion Ratio Lower Upper
180 100
182 94.5 78.0 117.0
145 31.2 25.0 37.6

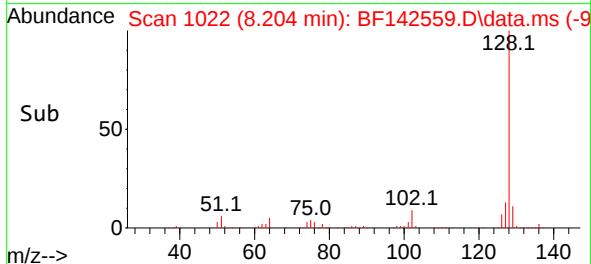
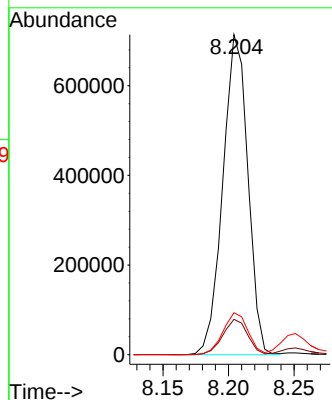
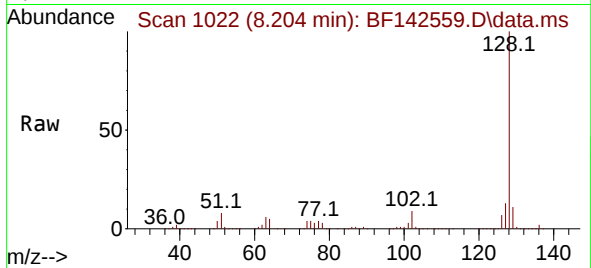




#31
Naphthalene
Concen: 42.002 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

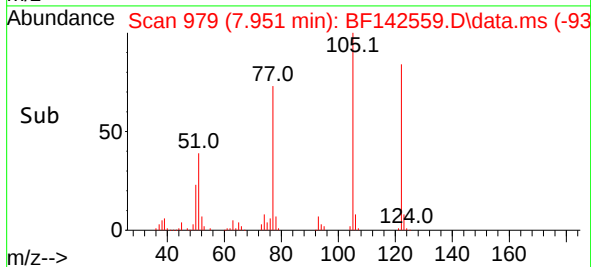
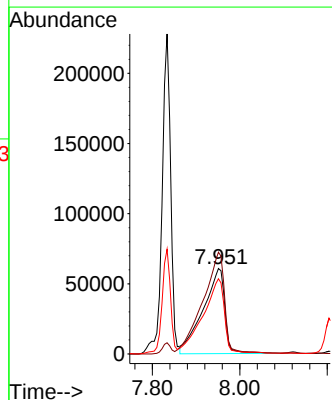
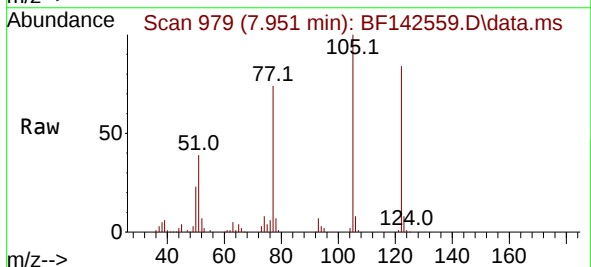
Instrument :
BNA_F
ClientSampleId :
PB168164BS

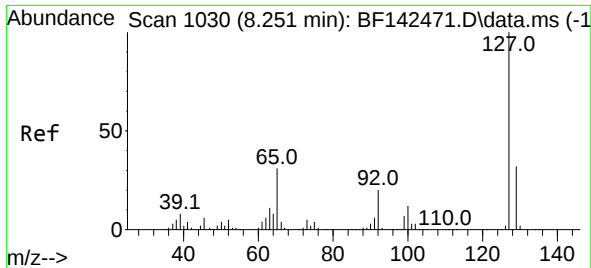
Tgt Ion:128 Resp: 945568
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 48.298 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:122 Resp: 209505
Ion Ratio Lower Upper
122 100
105 119.2 101.7 141.7
77 88.1 69.5 109.5

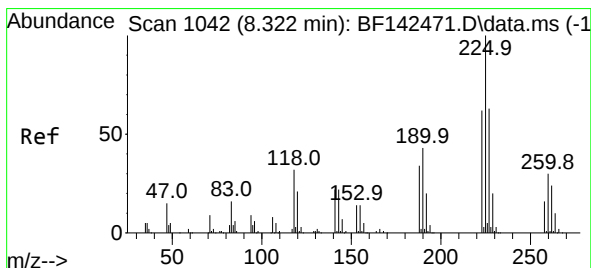
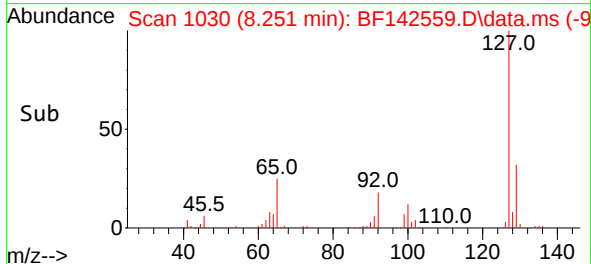
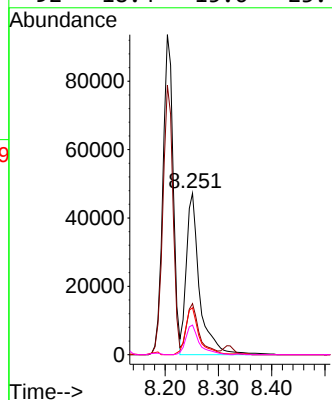
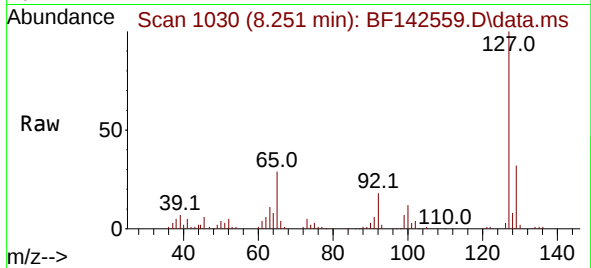




#33
4-Chloroaniline
Concen: 8.990 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

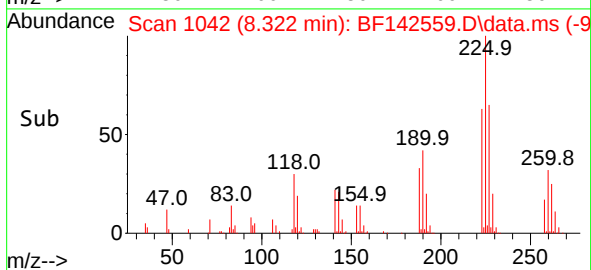
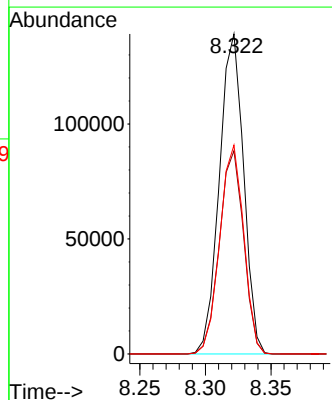
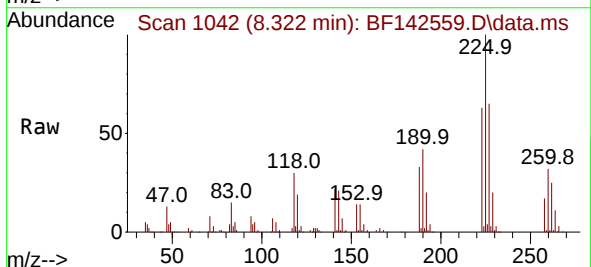
Instrument :
BNA_F
ClientSampleId :
PB168164BS

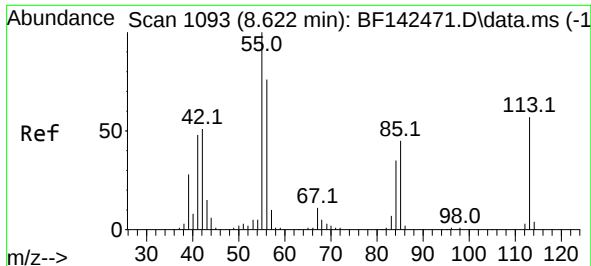
Tgt Ion:	127	Resp:	82012
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	29.1	24.9	37.3
92	18.4	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.746 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:	225	Resp:	178932
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	65.2	50.3	75.5

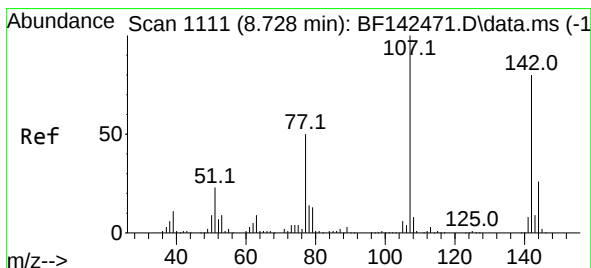
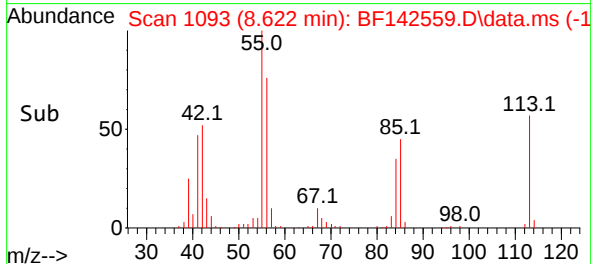
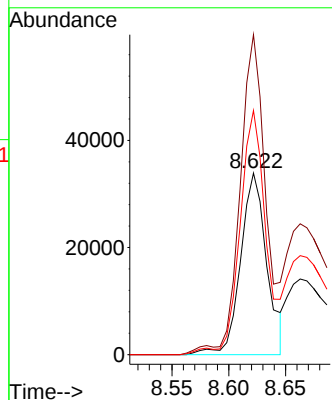
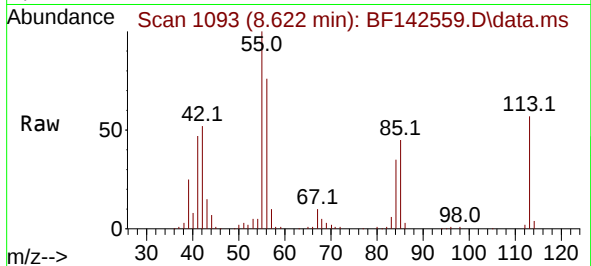




#35
 Caprolactam
 Concen: 29.759 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.024 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

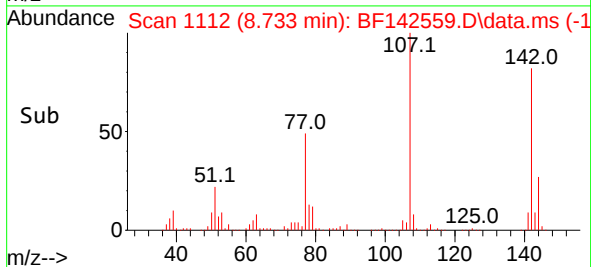
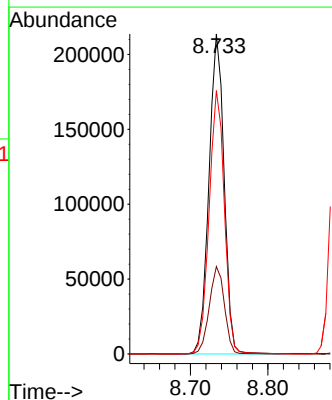
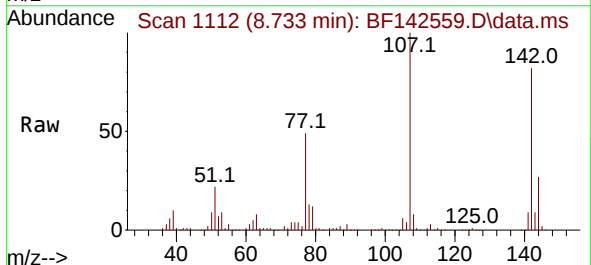
Instrument :
 BNA_F
 ClientSampleId :
 PB168164BS

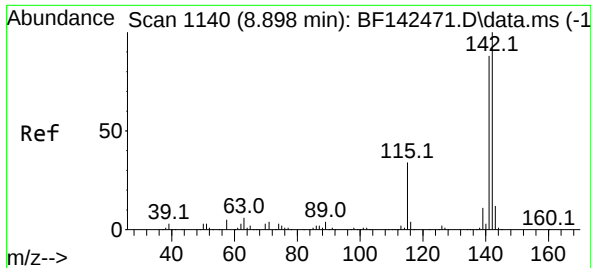
Tgt Ion:113 Resp: 54164
 Ion Ratio Lower Upper
 113 100
 55 176.2 154.7 194.7
 56 134.4 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.685 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

Tgt Ion:107 Resp: 290133
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.9 31.3
 142 82.3 64.2 96.2

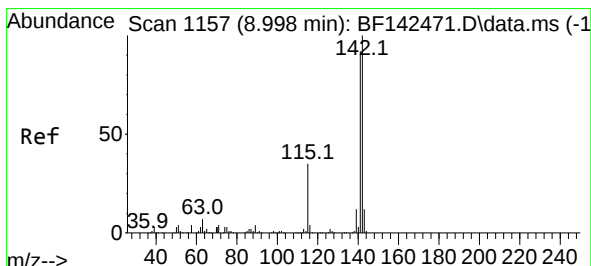
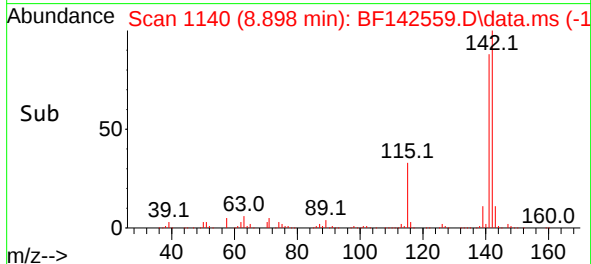
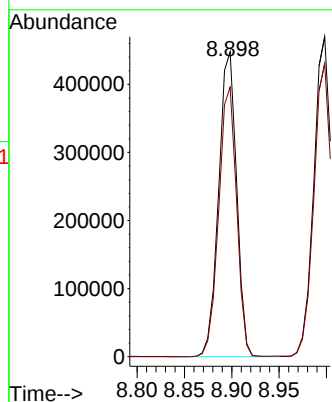
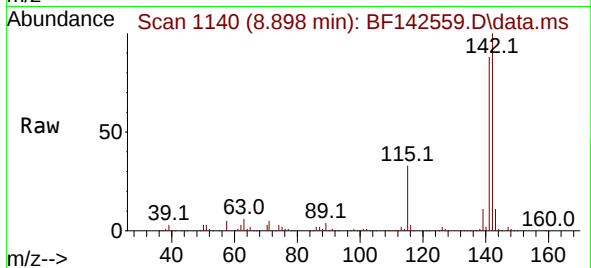




#37
2-Methylnaphthalene
Concen: 41.722 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

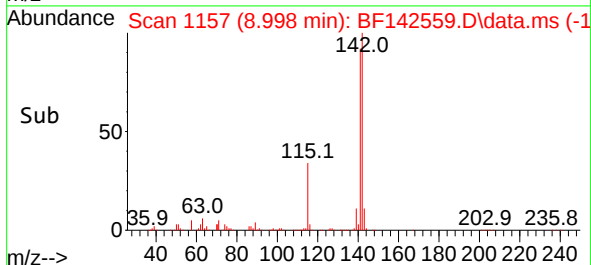
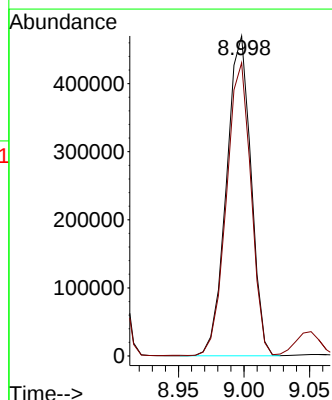
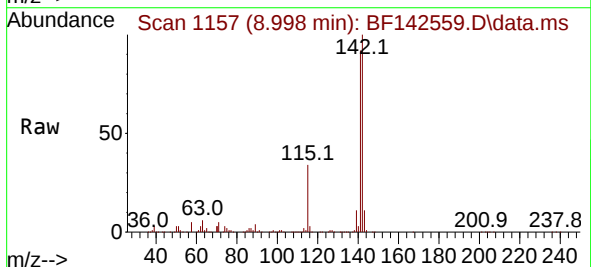
Instrument :
BNA_F
ClientSampleId :
PB168164BS

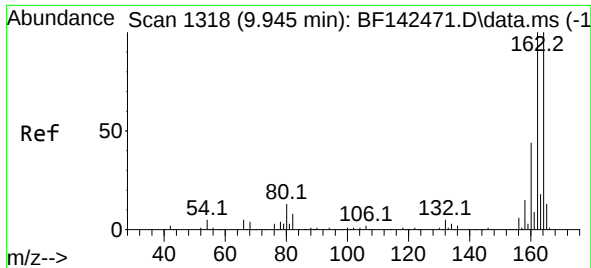
Tgt Ion:142 Resp: 590920
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 41.769 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:142 Resp: 611913
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2

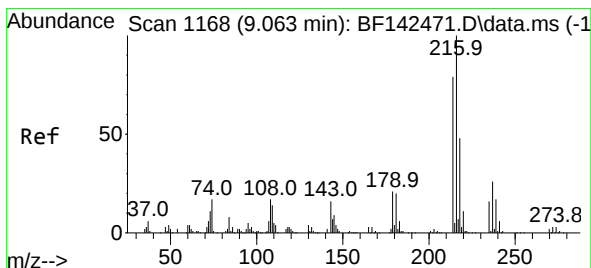
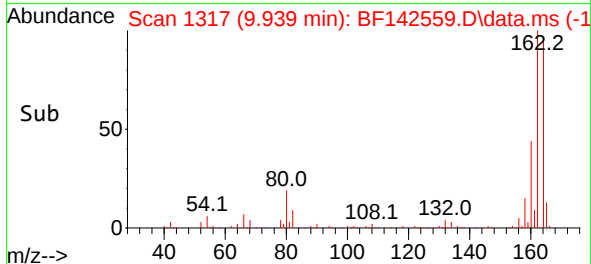
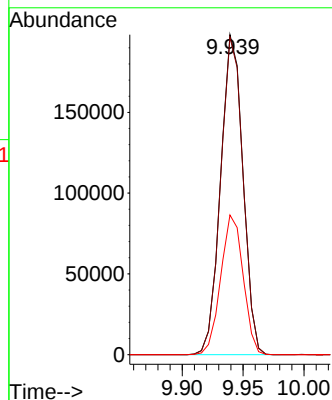
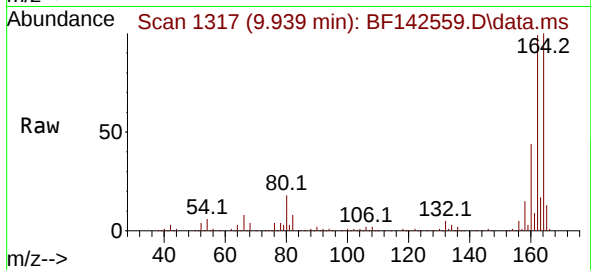




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

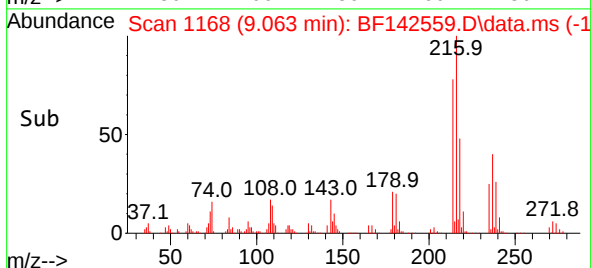
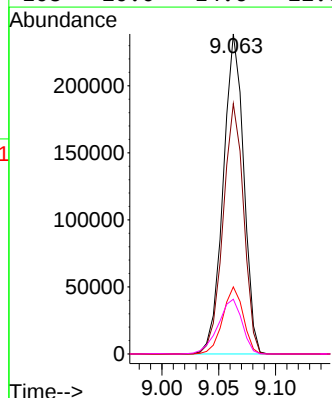
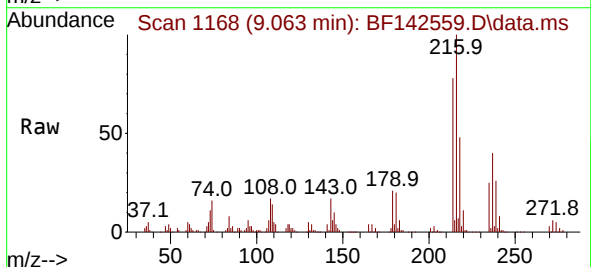
Instrument :
 BNA_F
 ClientSampleId :
 PB168164BS

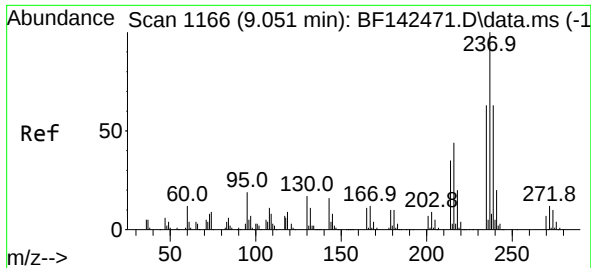
Tgt Ion:164 Resp: 253102
 Ion Ratio Lower Upper
 164 100
 162 99.2 80.2 120.4
 160 43.7 35.6 53.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.294 ng
 RT: 9.063 min Scan# 1168
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

Tgt Ion:216 Resp: 300020
 Ion Ratio Lower Upper
 216 100
 214 78.2 62.9 94.3
 179 20.9 16.9 25.3
 108 20.0 14.6 22.0

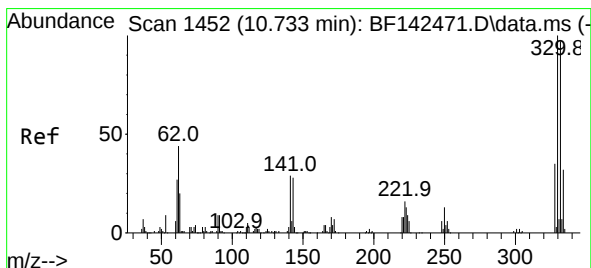
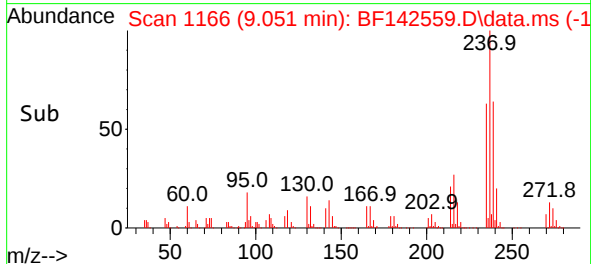
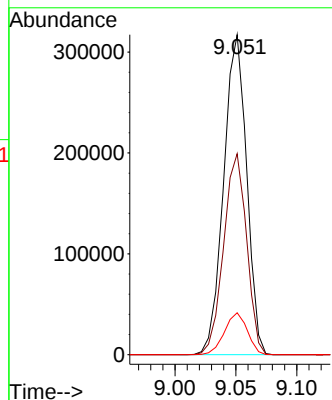
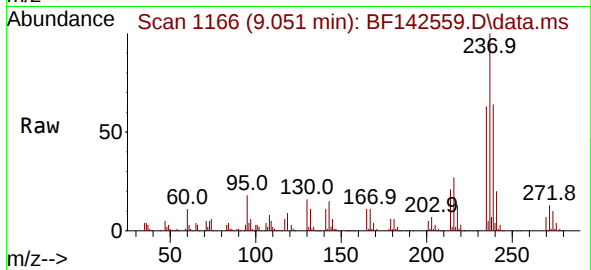




#41
Hexachlorocyclopentadiene
Concen: 85.074 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

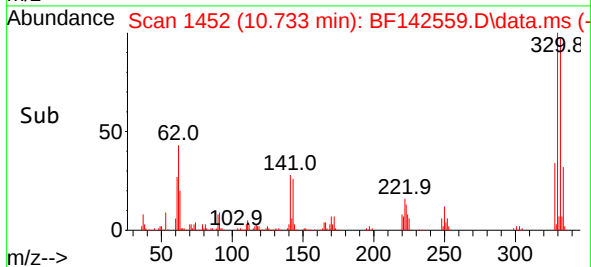
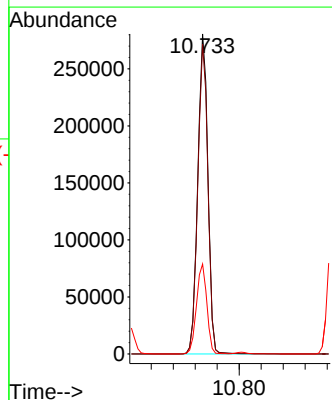
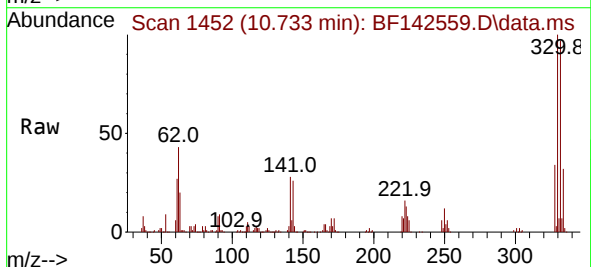
Instrument :
BNA_F
ClientSampleId :
PB168164BS

Tgt Ion:237 Resp: 416965
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 128.290 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

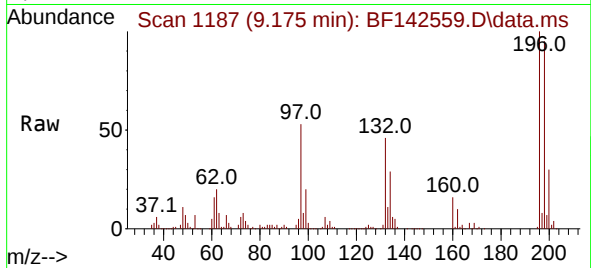
Tgt Ion:330 Resp: 360381
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 28.5 24.6 36.8



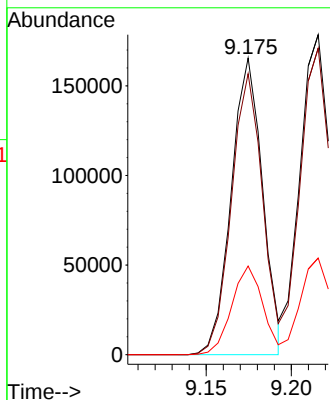
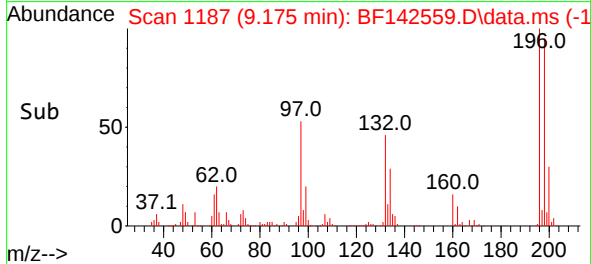


#43
2,4,6-Trichlorophenol
Concen: 43.285 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

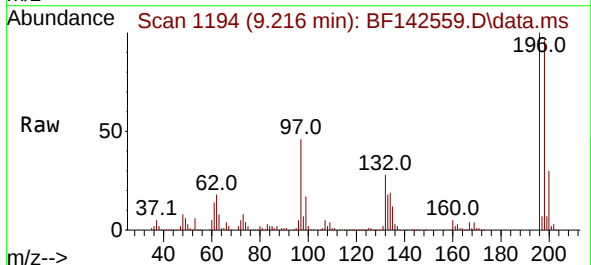
Instrument :
BNA_F
ClientSampleId :
PB168164BS



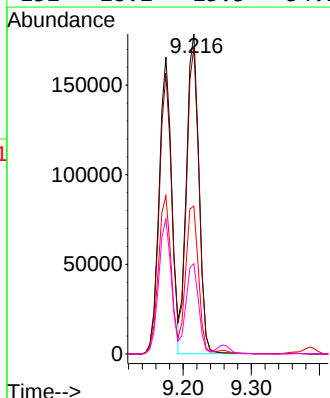
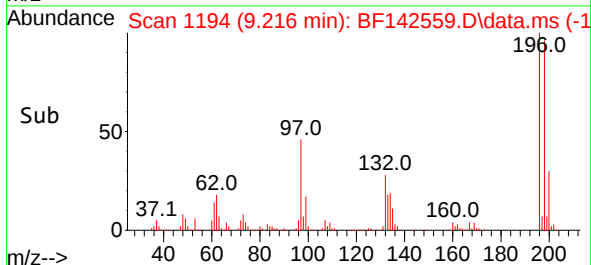
Tgt Ion:196 Resp: 212065
Ion Ratio Lower Upper
196 100
198 94.7 78.8 118.2
200 29.9 24.9 37.3

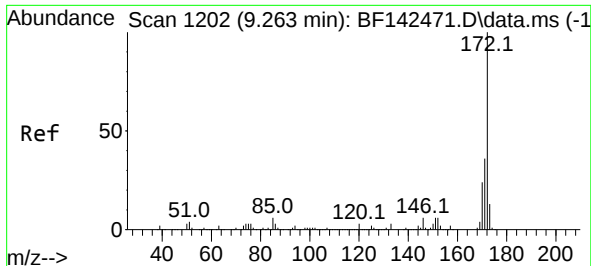


#44
2,4,5-Trichlorophenol
Concen: 43.683 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52



Tgt Ion:196 Resp: 225706
Ion Ratio Lower Upper
196 100
198 95.8 75.5 113.3
97 46.2 39.3 58.9
132 28.2 23.3 34.9

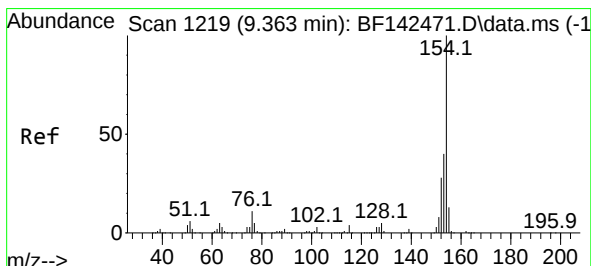
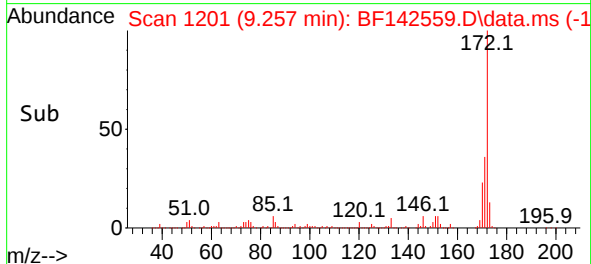
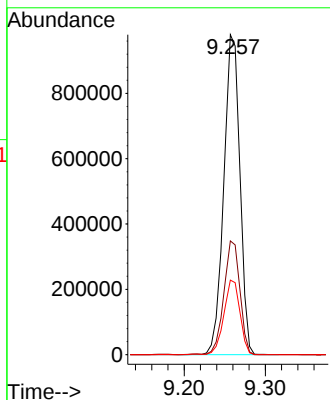
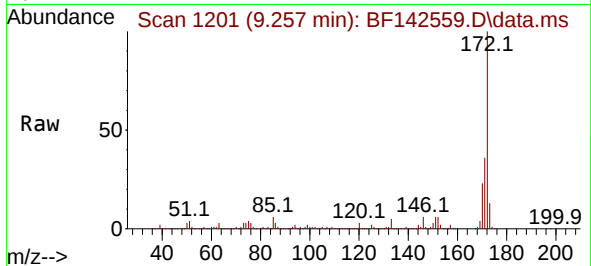




#45
2-Fluorobiphenyl
Concen: 71.677 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

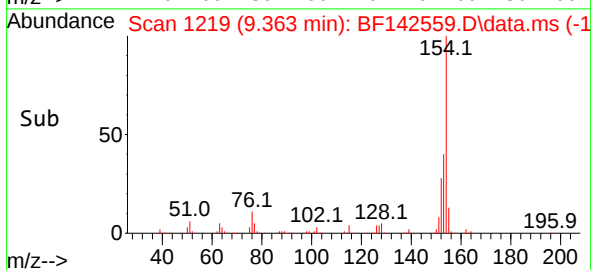
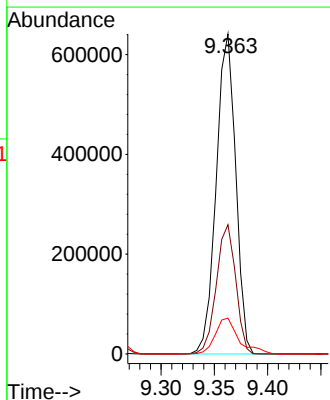
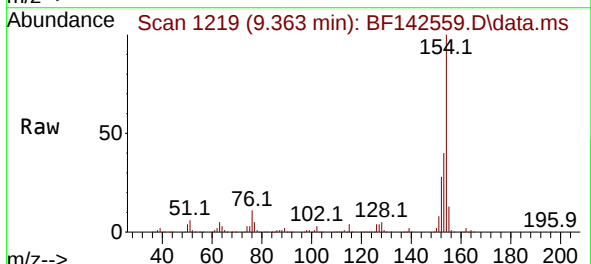
Instrument :
BNA_F
ClientSampleId :
PB168164BS

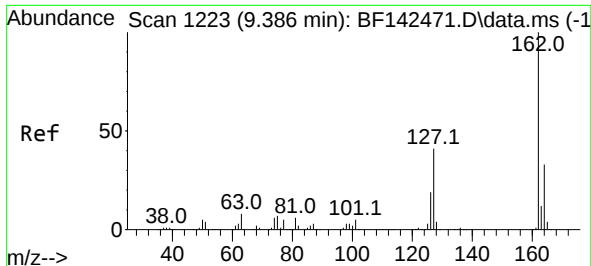
Tgt Ion:172 Resp: 1351978
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.413 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:154 Resp: 813198
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.2 0.0 30.8

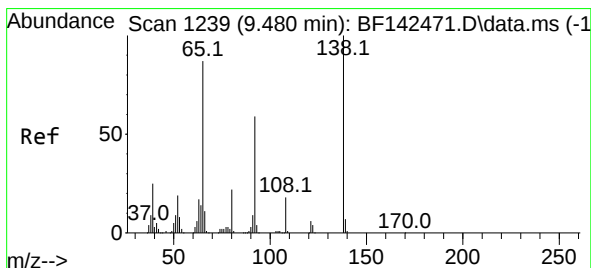
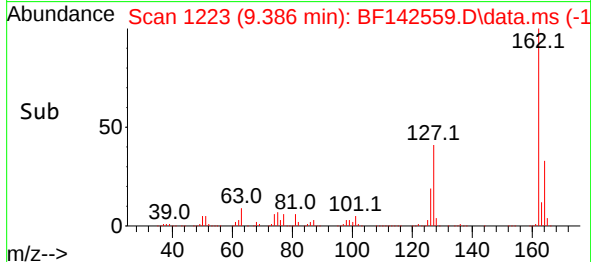
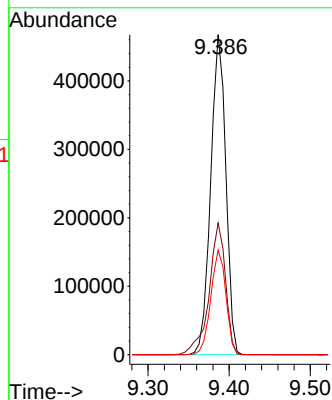
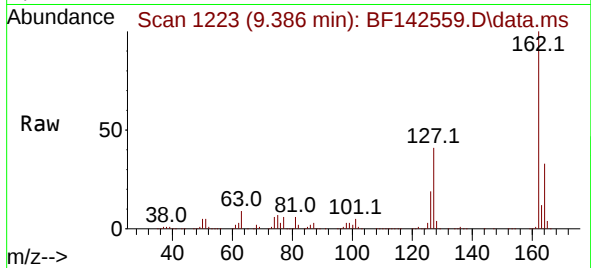




#47
2-Chloronaphthalene
Concen: 41.581 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

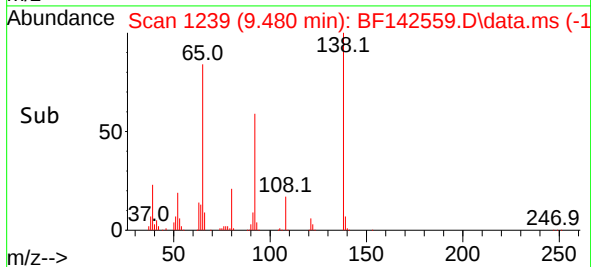
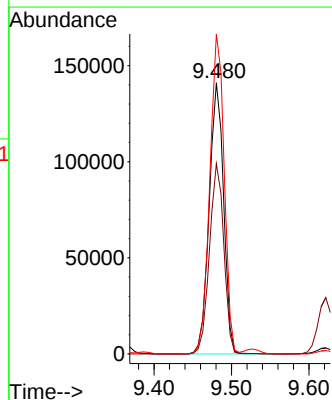
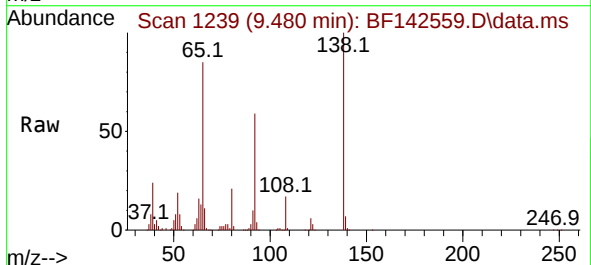
Instrument :
BNA_F
ClientSampleId :
PB168164BS

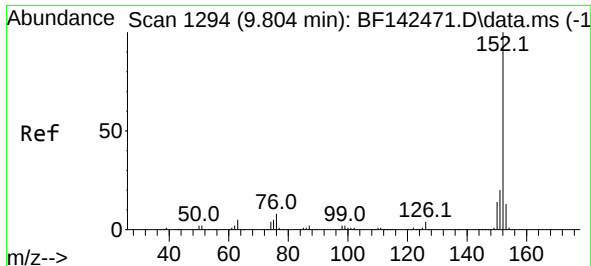
Tgt Ion:162 Resp: 603248
Ion Ratio Lower Upper
162 100
127 41.1 33.5 50.3
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 43.456 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

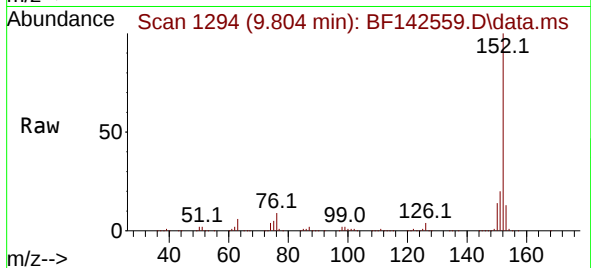
Tgt Ion: 65 Resp: 182227
Ion Ratio Lower Upper
65 100
92 70.1 54.4 81.6
138 118.0 91.4 137.2



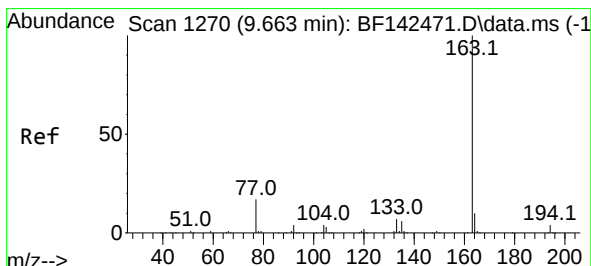
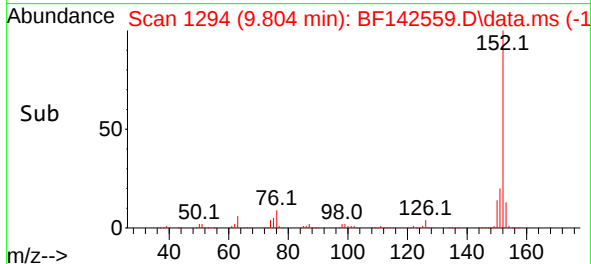
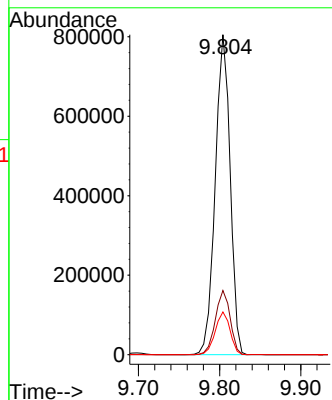


#49
Acenaphthylene
Concen: 41.930 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168164BS

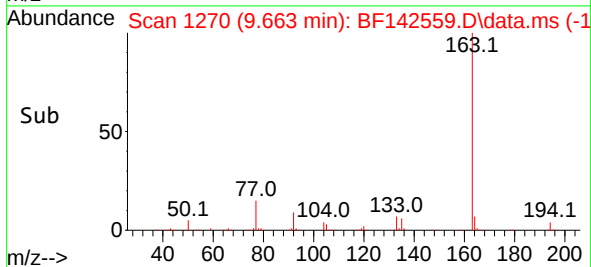
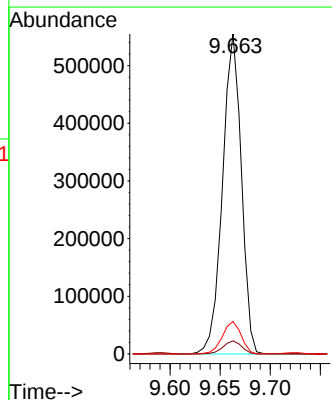
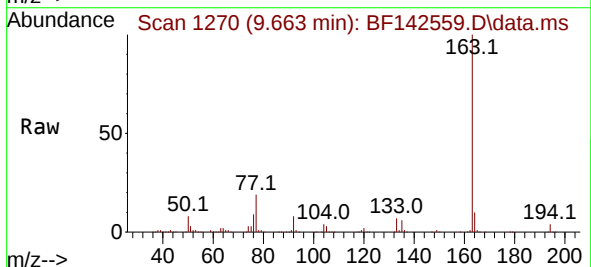


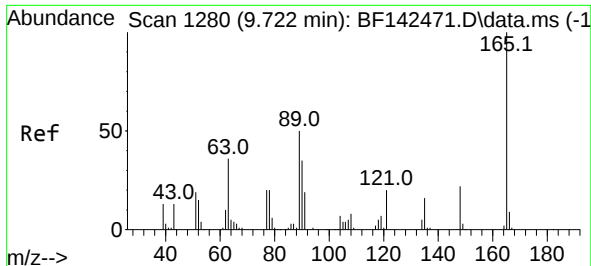
Tgt Ion:152 Resp: 1027176
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 43.238 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:163 Resp: 722100
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4

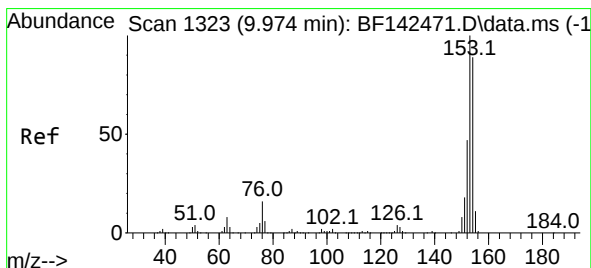
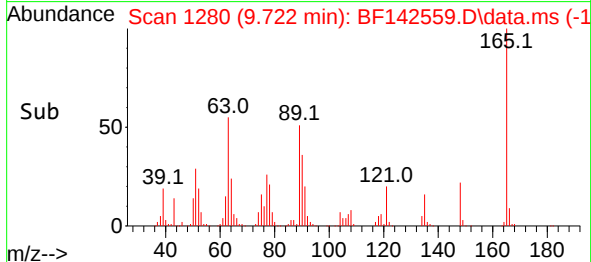
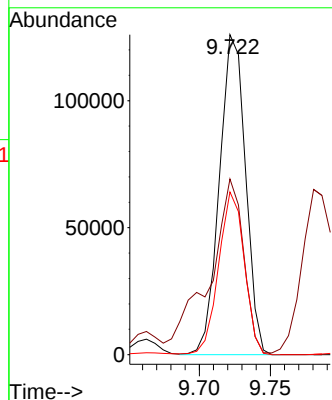
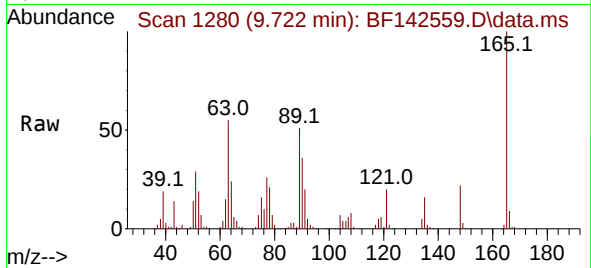




#51
2,6-Dinitrotoluene
Concen: 44.785 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

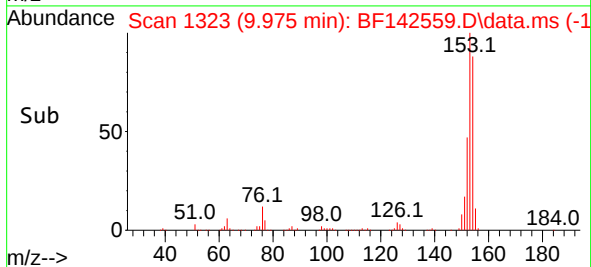
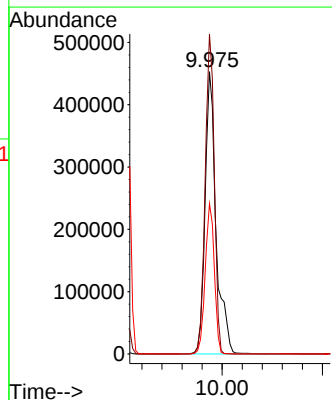
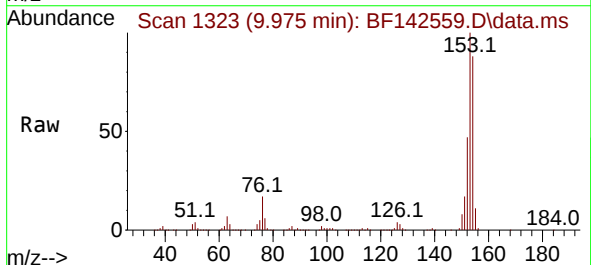
Instrument :
BNA_F
ClientSampleId :
PB168164BS

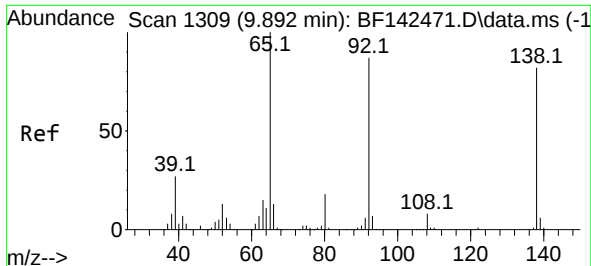
Tgt Ion:165 Resp: 161427
Ion Ratio Lower Upper
165 100
63 54.9 42.9 64.3
89 50.8 40.2 60.4



#52
Acenaphthene
Concen: 46.275 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:154 Resp: 692216
Ion Ratio Lower Upper
154 100
153 113.4 90.0 135.0
152 53.3 42.6 64.0

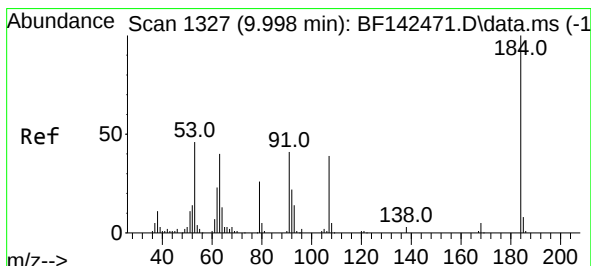
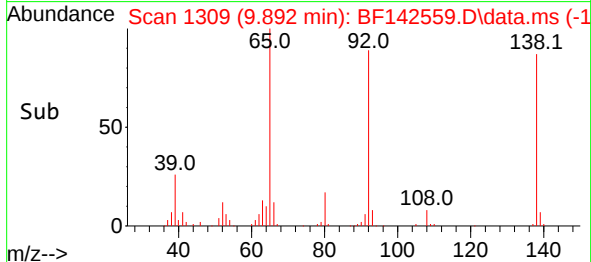
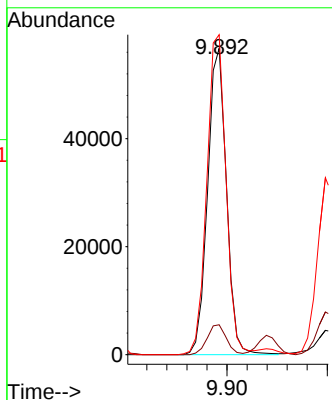
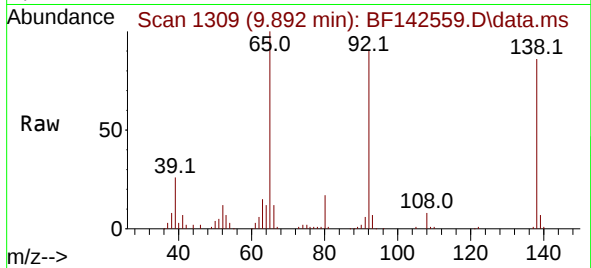




#53
3-Nitroaniline
Concen: 18.813 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

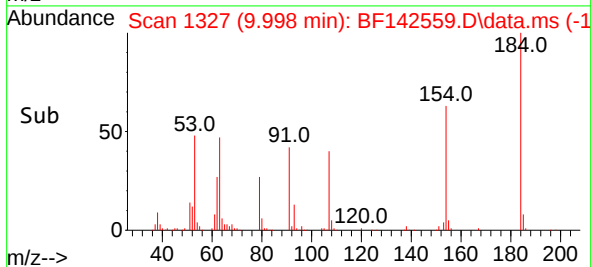
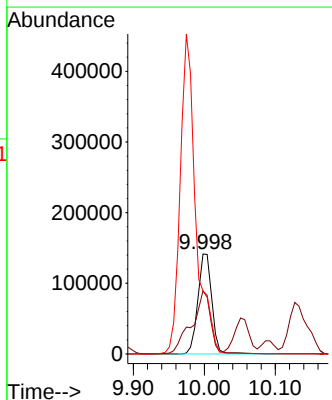
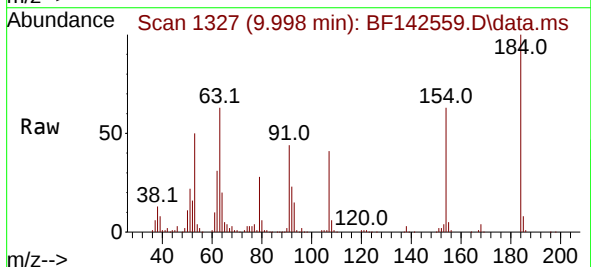
Instrument :
BNA_F
ClientSampleId :
PB168164BS

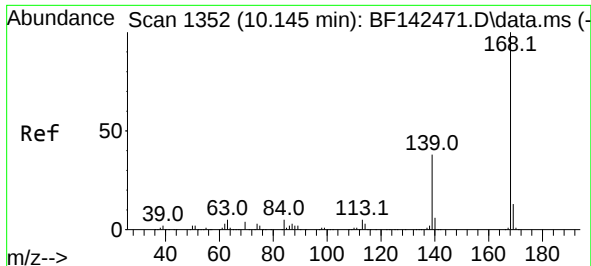
Tgt Ion:138 Resp: 74067
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 104.5 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 104.394 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:184 Resp: 194404
Ion Ratio Lower Upper
184 100
63 63.0 46.3 69.5
154 63.1 56.8 85.2

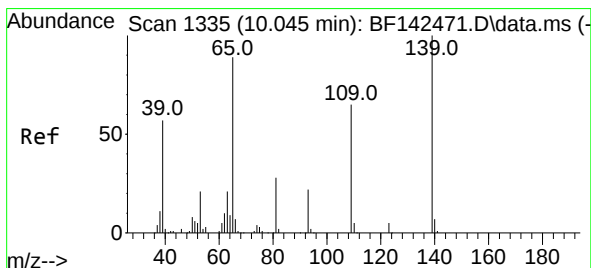
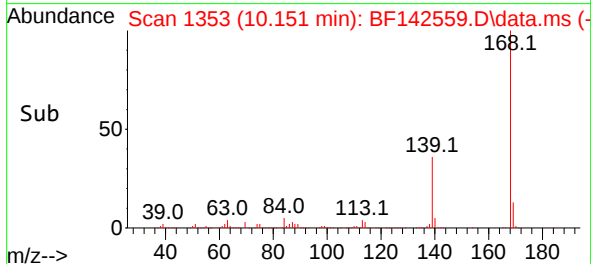
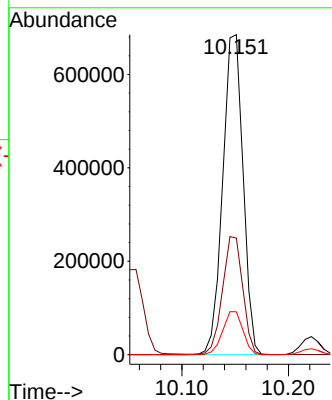
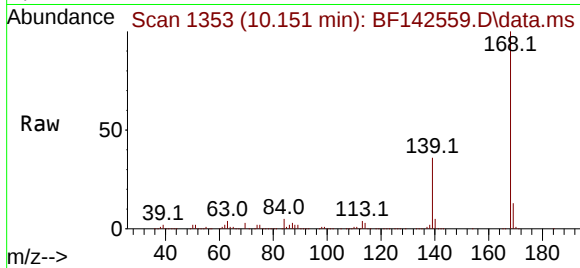




#55
Dibenzenofuran
Concen: 42.097 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

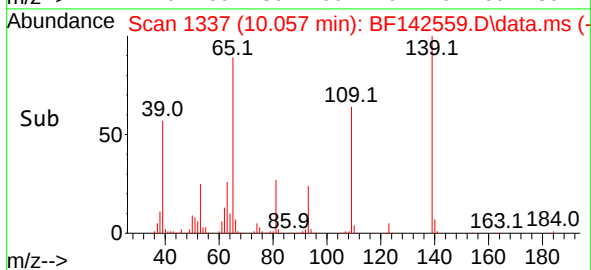
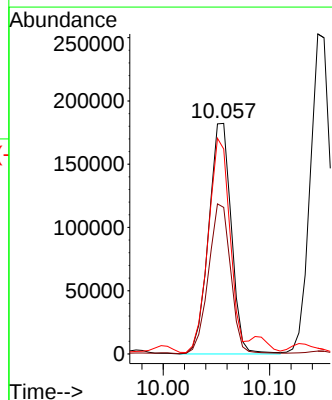
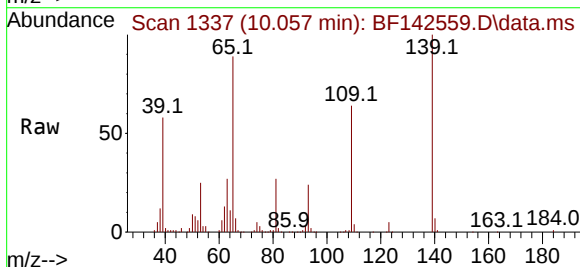
Instrument :
BNA_F
ClientSampleId :
PB168164BS

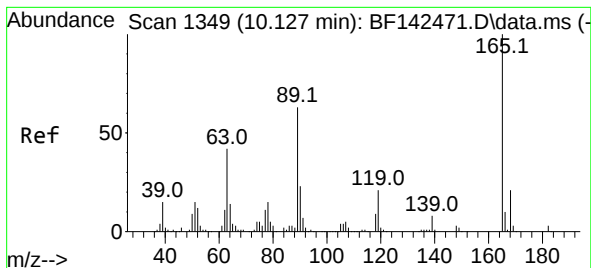
Tgt Ion:168 Resp: 906176
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 92.583 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:139 Resp: 268942
Ion Ratio Lower Upper
139 100
109 63.6 45.1 85.1
65 88.9 69.7 109.7

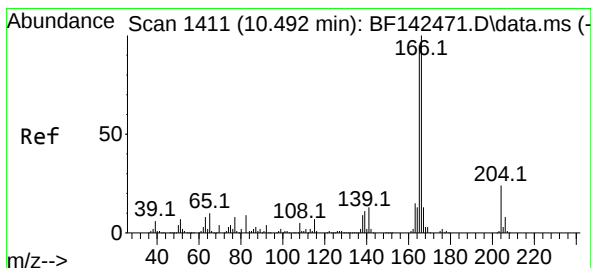
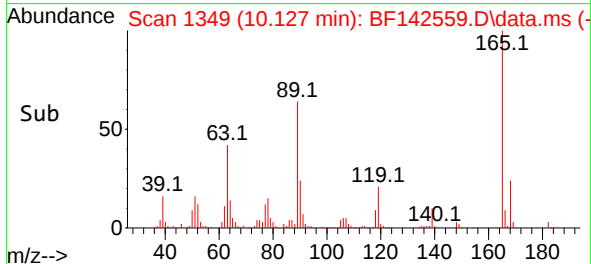
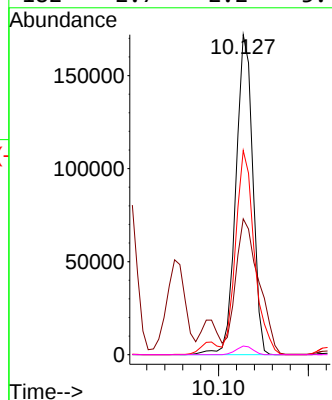
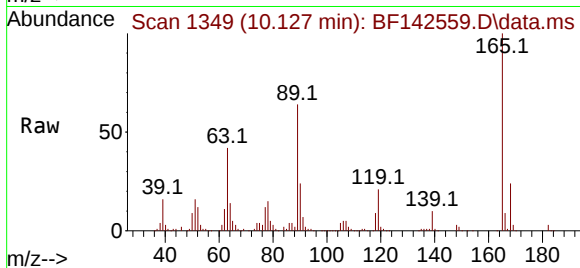




#57
2,4-Dinitrotoluene
Concen: 47.765 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

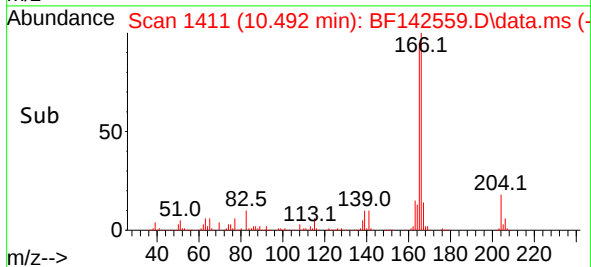
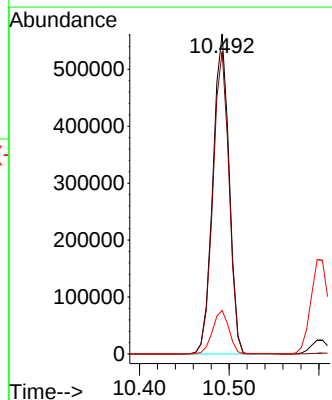
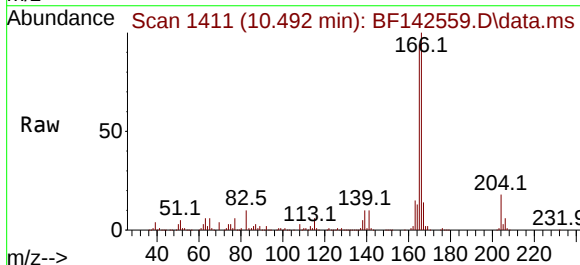
Instrument :
BNA_F
ClientSampleId :
PB168164BS

Tgt Ion:165 Resp: 224847
Ion Ratio Lower Upper
165 100
63 42.4 33.6 50.4
89 63.8 50.2 75.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 42.367 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:166 Resp: 704563
Ion Ratio Lower Upper
166 100
165 94.5 75.8 113.8
167 13.6 10.6 16.0

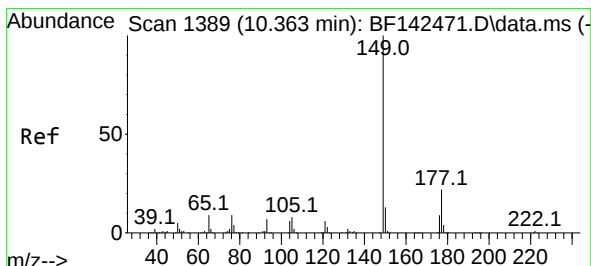
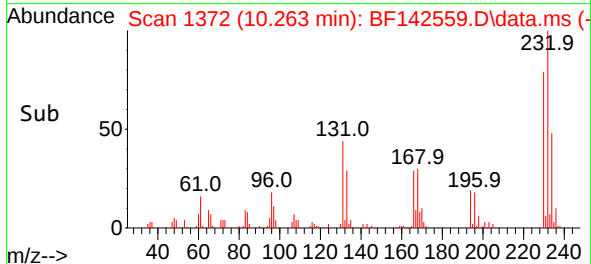
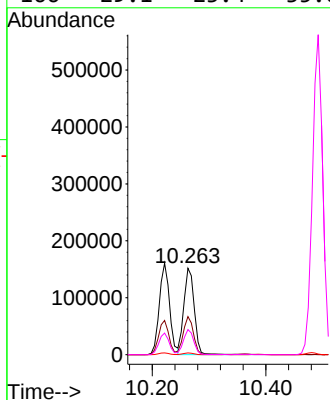
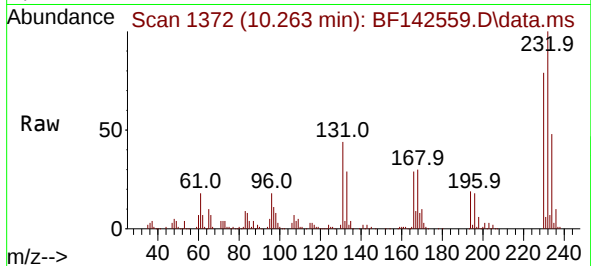




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.414 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

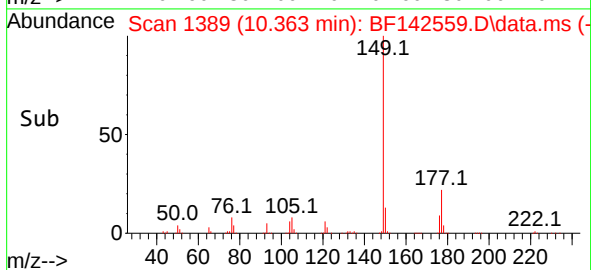
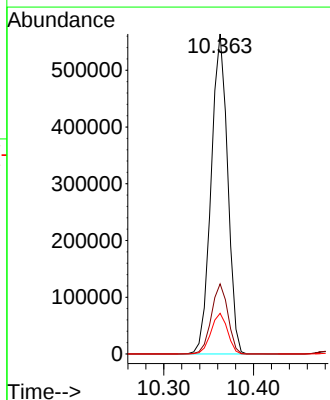
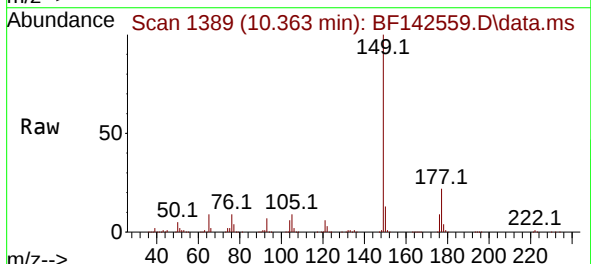
Instrument :
BNA_F
ClientSampleId :
PB168164BS

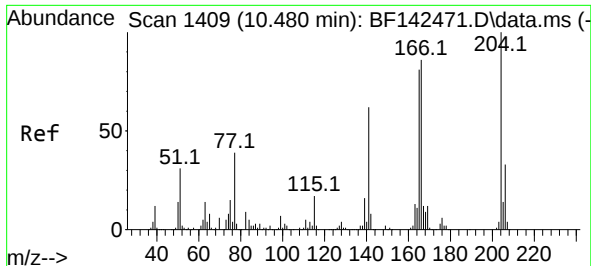
Tgt Ion:232 Resp: 191578
Ion Ratio Lower Upper
232 100
131 44.0 35.2 52.8
130 2.0 1.7 2.5
166 29.1 23.4 35.0



#60
Diethylphthalate
Concen: 44.156 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:149 Resp: 720212
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.7 10.1 15.1

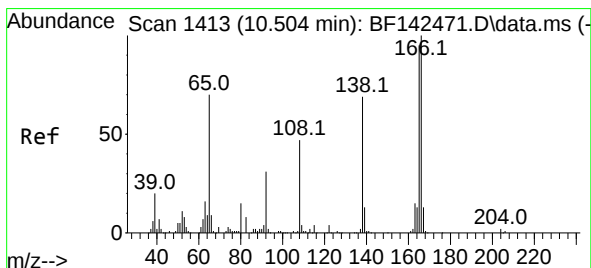
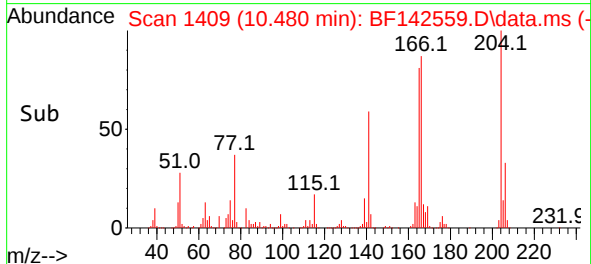
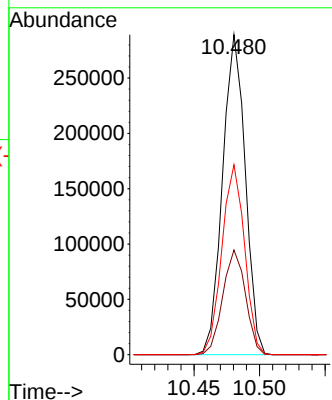
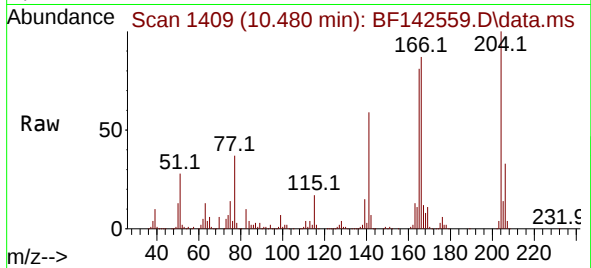




#61
4-Chlorophenyl-phenylether
Concen: 42.533 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

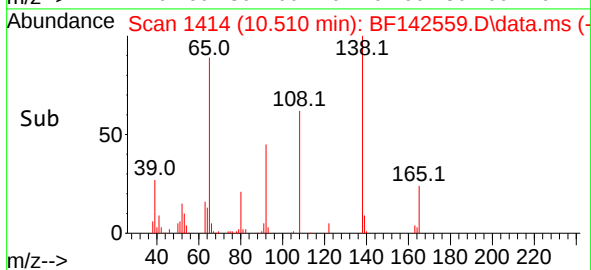
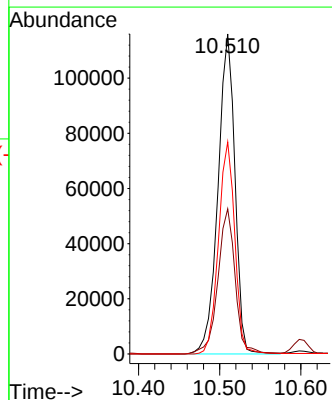
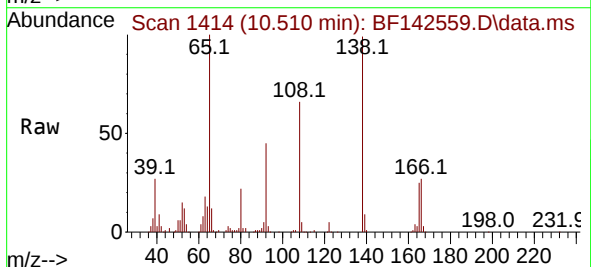
Instrument :
BNA_F
ClientSampleId :
PB168164BS

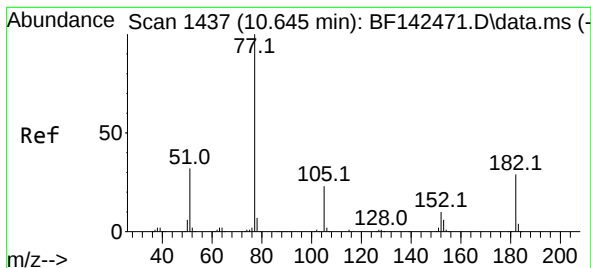
Tgt Ion:204 Resp: 347465
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.3 49.5 74.3



#62
4-Nitroaniline
Concen: 47.320 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:138 Resp: 168963
Ion Ratio Lower Upper
138 100
92 45.3 26.0 66.0
108 66.3 48.4 88.4





#63

Azobenzene

Concen: 43.743 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

Tgt Ion: 77 Resp: 640824

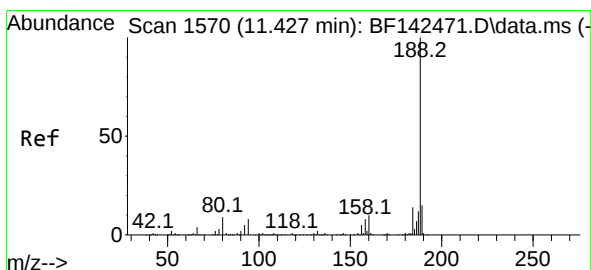
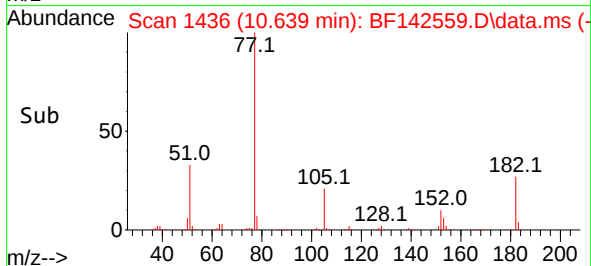
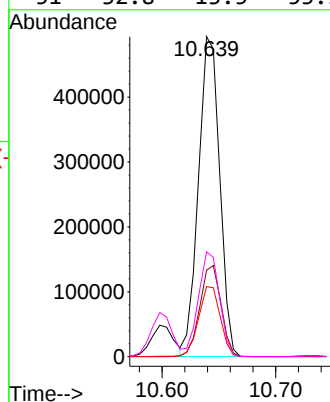
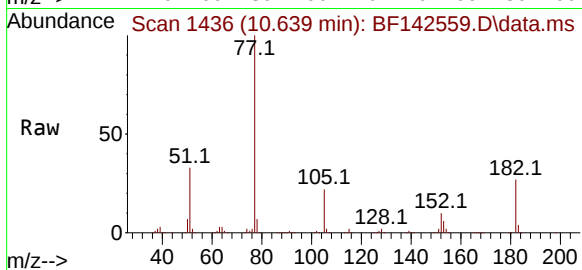
Ion Ratio Lower Upper

77 100

182 27.1 9.0 49.0

105 21.9 2.4 42.4

51 32.8 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

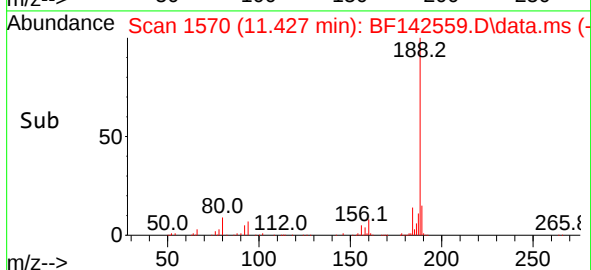
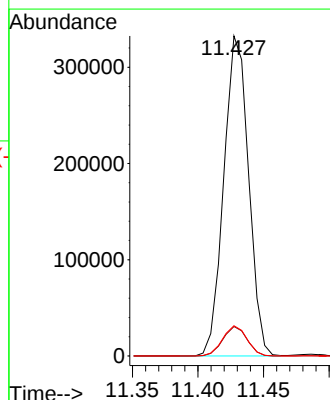
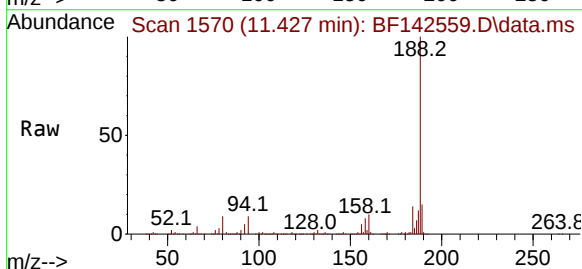
Tgt Ion: 188 Resp: 437353

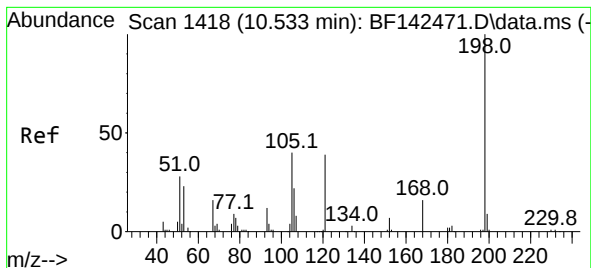
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.5 7.4 11.0

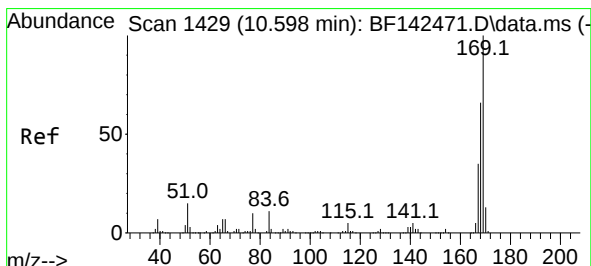
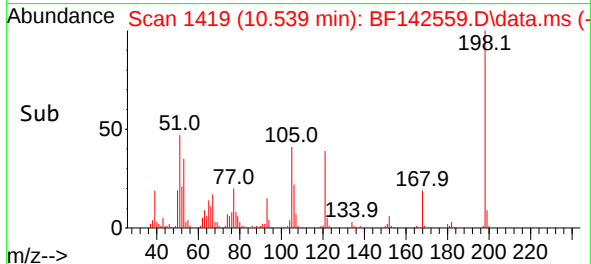
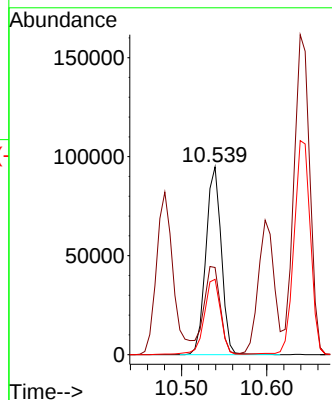
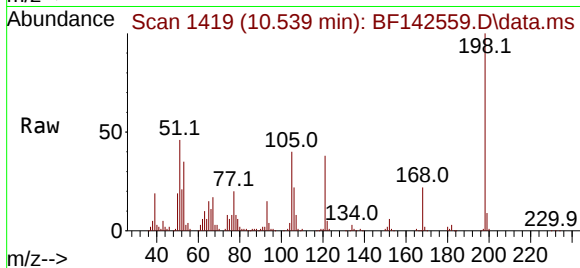




#65
4,6-Dinitro-2-methylphenol
Concen: 49.069 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

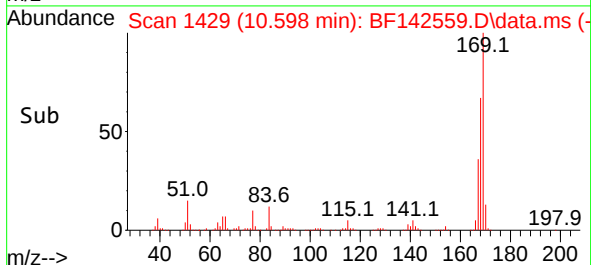
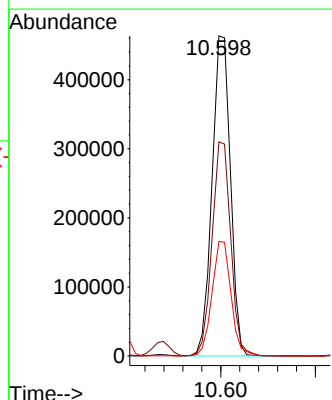
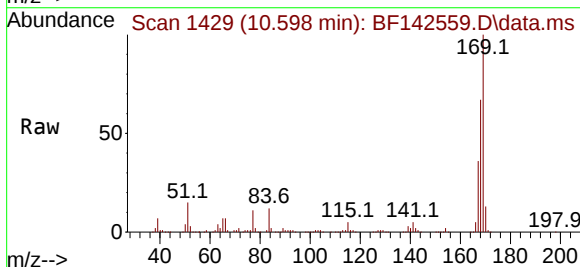
Instrument :
BNA_F
ClientSampleId :
PB168164BS

Tgt Ion:198 Resp: 119765
Ion Ratio Lower Upper
198 100
51 46.4 28.3 68.3
105 40.1 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.619 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:169 Resp: 622740
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 35.8 28.3 42.5

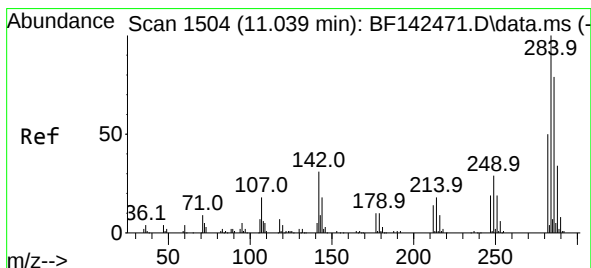
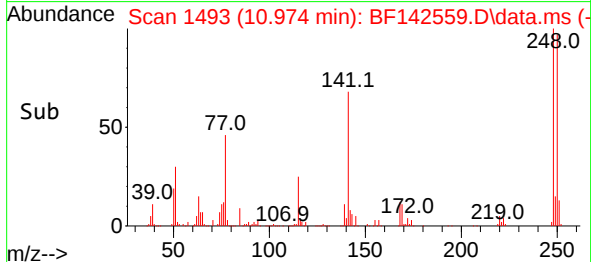
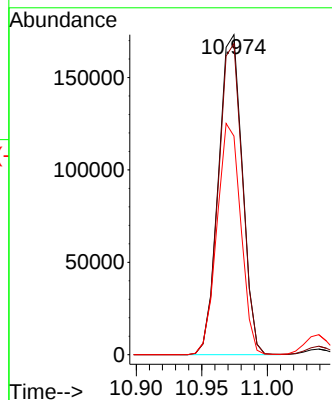
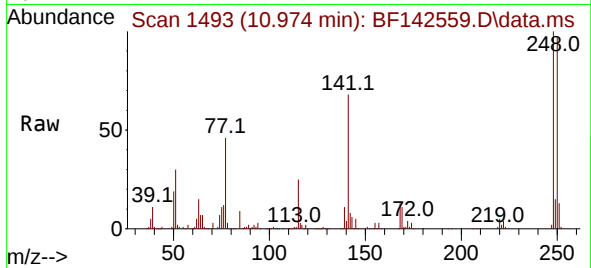




#67
4-Bromophenyl-phenylether
Concen: 42.592 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

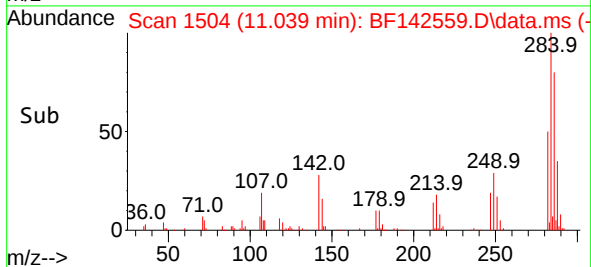
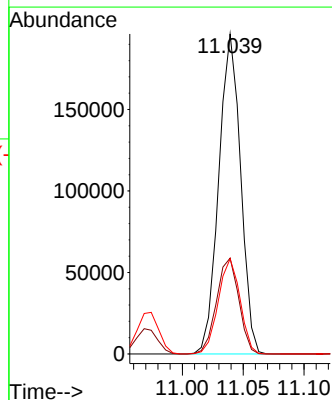
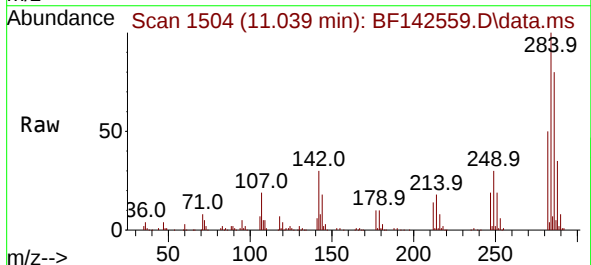
Instrument :
BNA_F
ClientSampleId :
PB168164BS

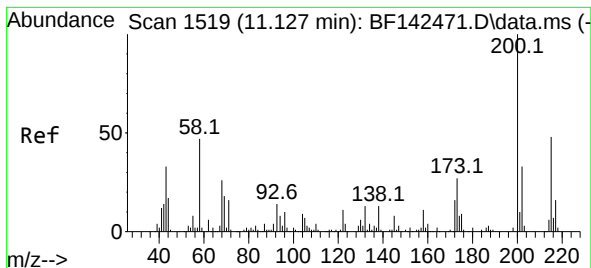
Tgt Ion:248 Resp: 220262
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 68.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 42.865 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:284 Resp: 245175
Ion Ratio Lower Upper
284 100
142 30.0 24.8 37.2
249 29.7 23.6 35.4





#69

Atrazine

Concen: 48.342 ng

RT: 11.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

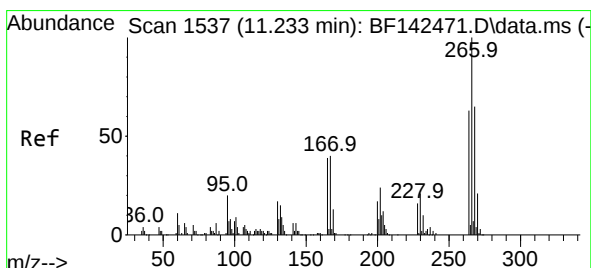
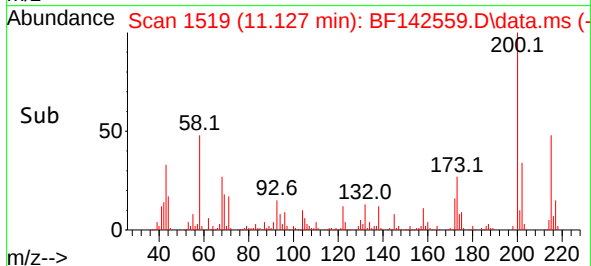
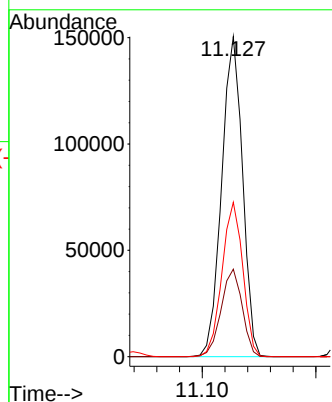
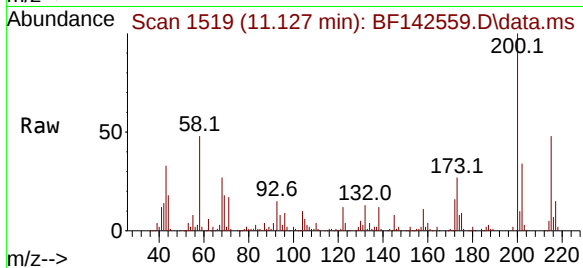
Tgt Ion:200 Resp: 192096

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 88.274 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

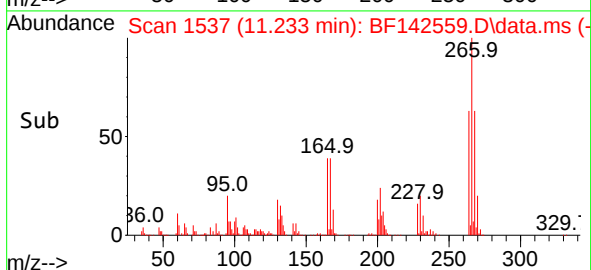
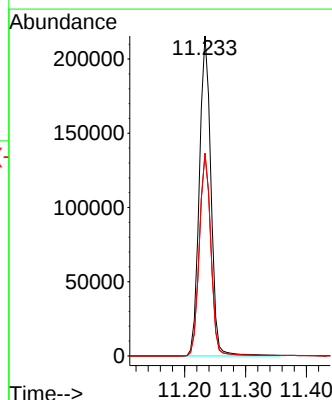
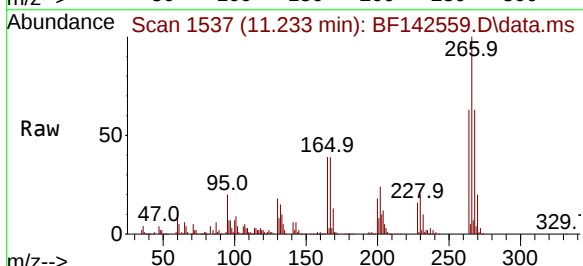
Tgt Ion:266 Resp: 285057

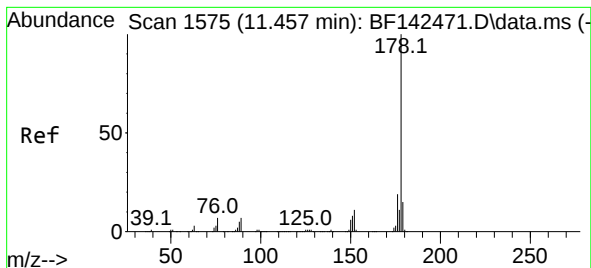
Ion Ratio Lower Upper

266 100

268 63.2 51.7 77.5

264 63.3 50.4 75.6





#71

Phenanthrene

Concen: 42.365 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

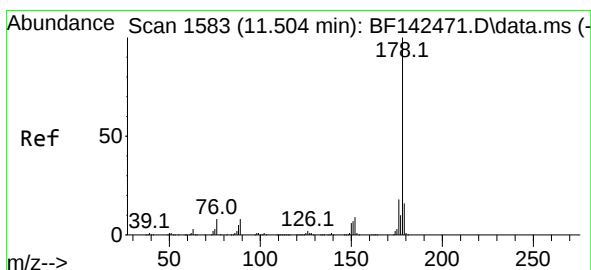
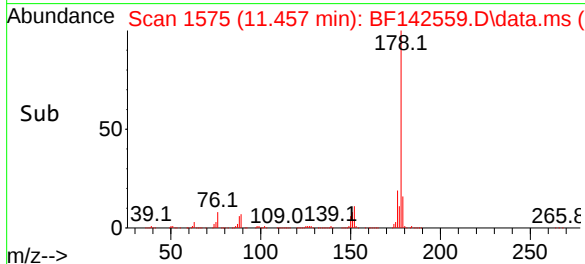
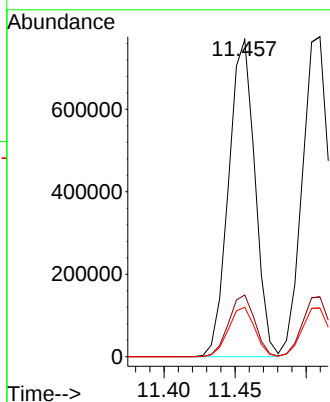
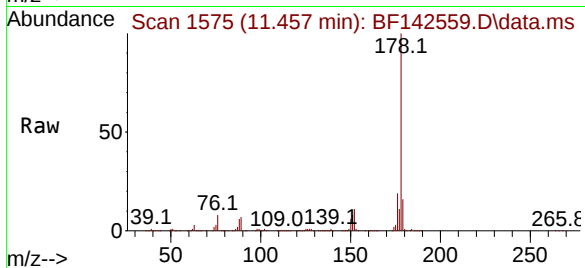
Tgt Ion:178 Resp: 990202

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.6 12.3 18.5



#72

Anthracene

Concen: 42.789 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

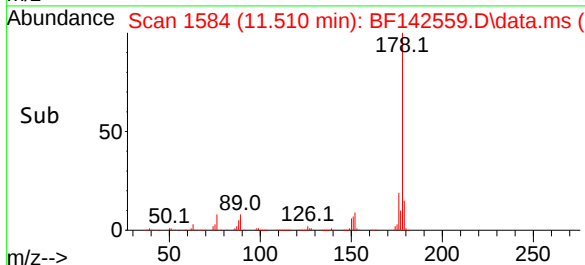
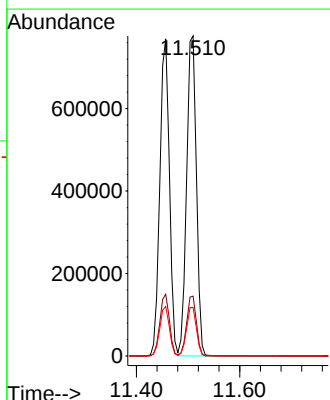
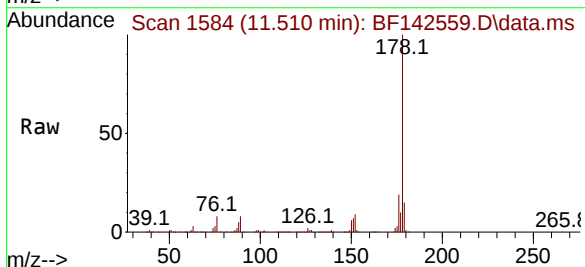
Tgt Ion:178 Resp: 1020691

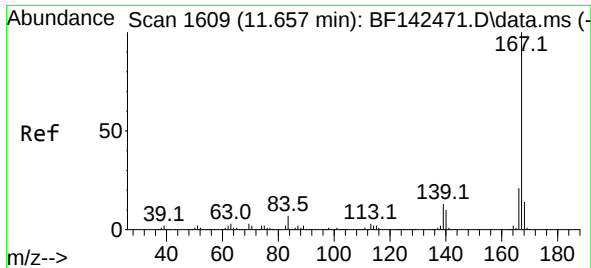
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.2 12.4 18.6



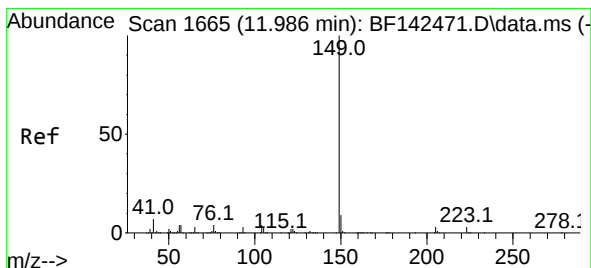
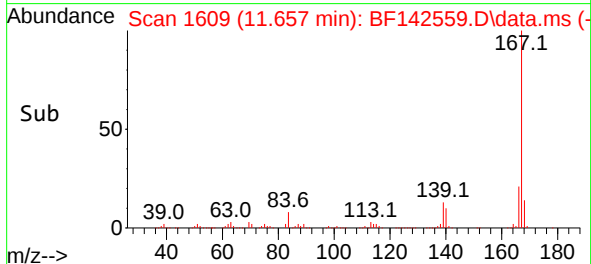
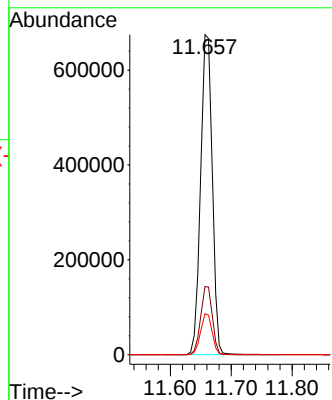
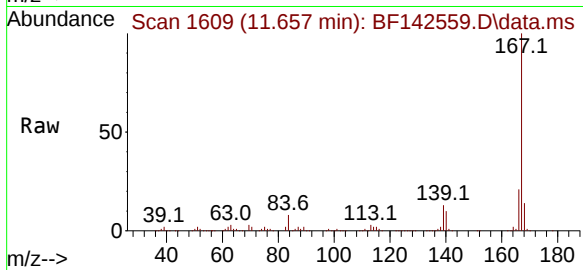


#73
 Carbazole
 Concen: 44.032 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB168164BS

Tgt Ion:167 Resp: 897921

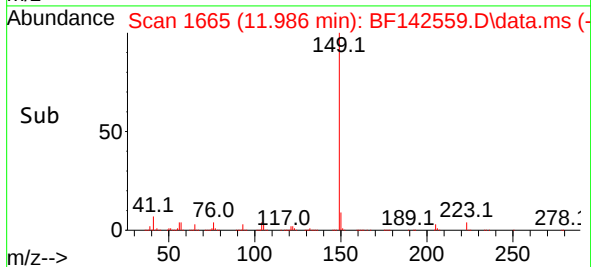
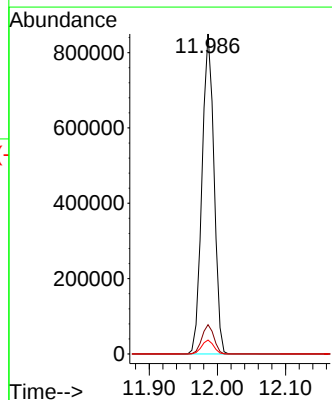
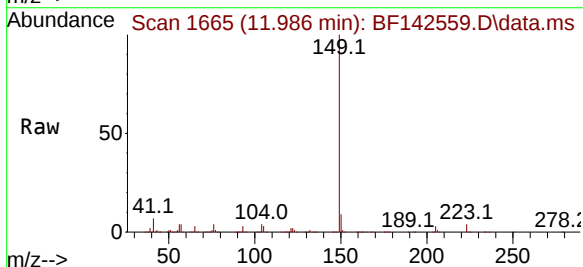
Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	12.8	10.2	15.4

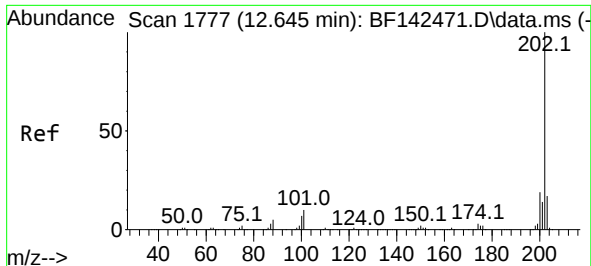


#74
 Di-n-butylphthalate
 Concen: 46.595 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142559.D
 Acq: 27 May 2025 13:52

Tgt Ion:149 Resp: 1040085

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.4	3.6	5.4

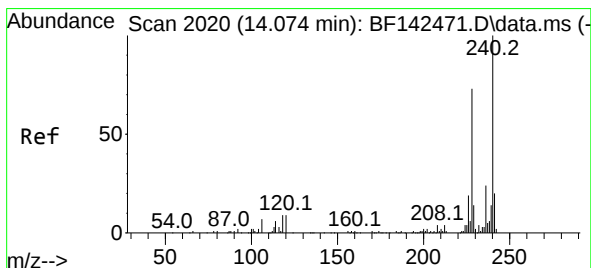
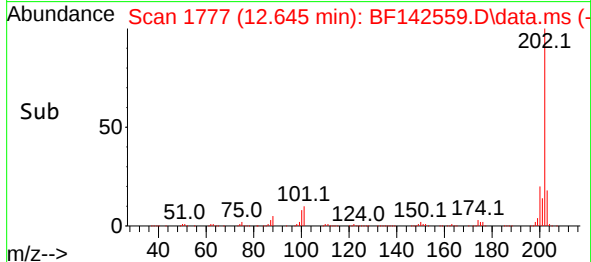
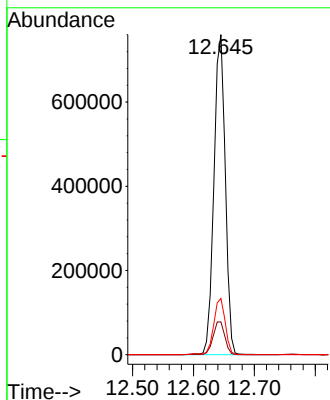
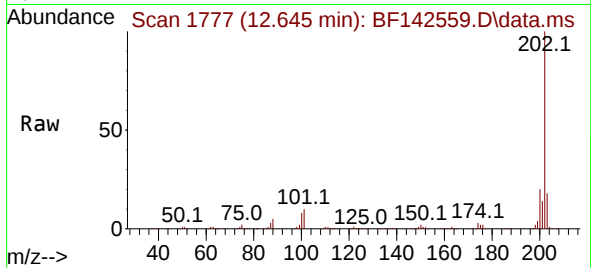




#75
Fluoranthene
Concen: 45.183 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

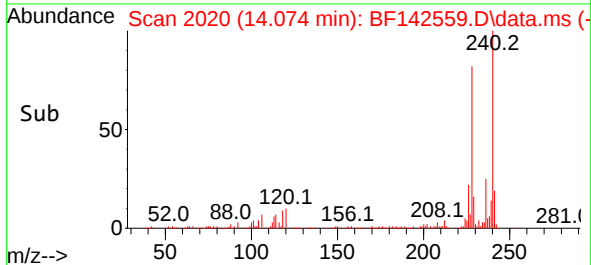
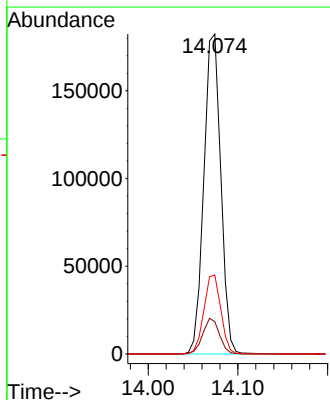
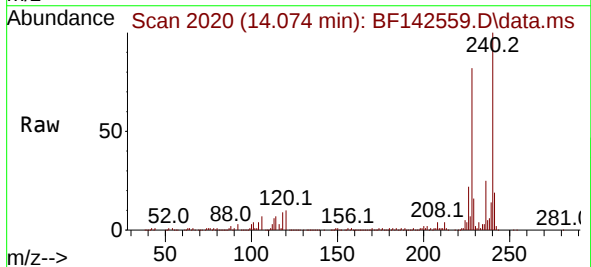
Instrument :
BNA_F
ClientSampleId :
PB168164BS

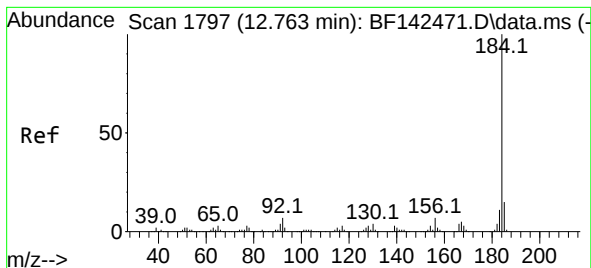
Tgt Ion:202 Resp: 986787
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:240 Resp: 239424
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 24.7 19.6 29.4





#77

Benzidine

Concen: 34.216 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

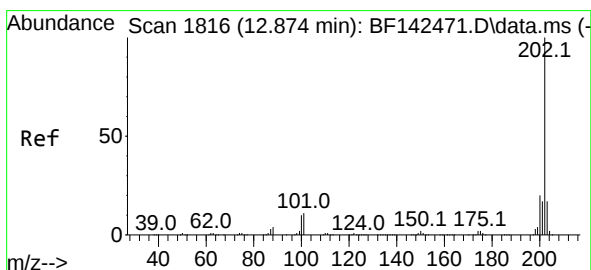
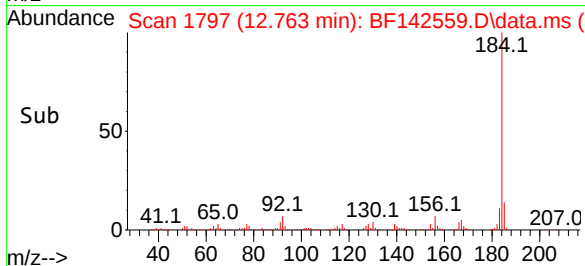
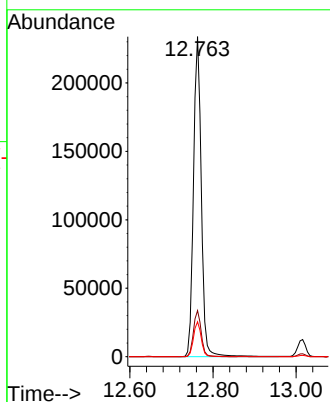
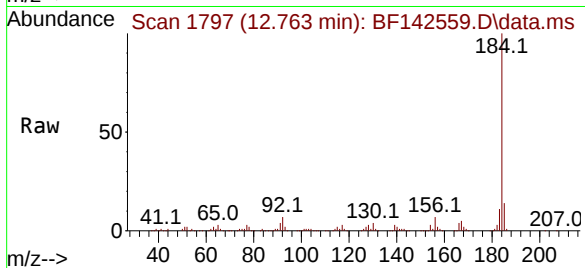
Tgt Ion:184 Resp: 304851

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.9 9.0 13.4



#78

Pyrene

Concen: 43.875 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

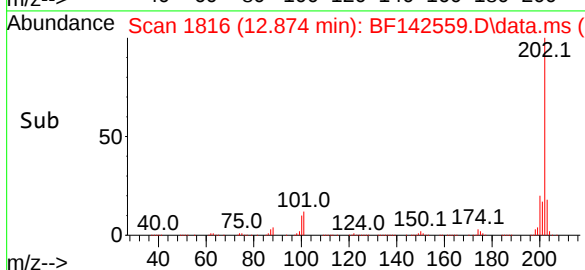
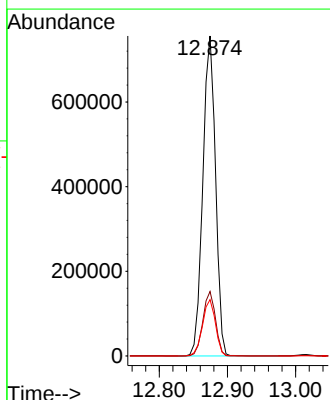
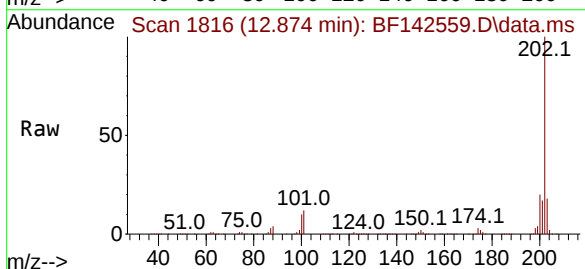
Tgt Ion:202 Resp: 979930

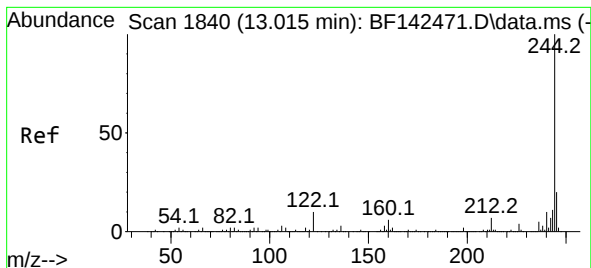
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 77.261 ng

RT: 13.015 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

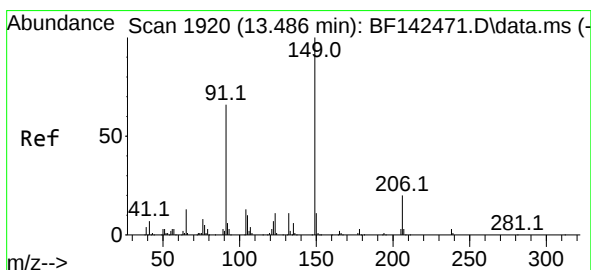
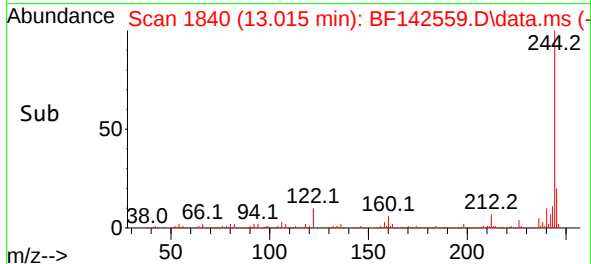
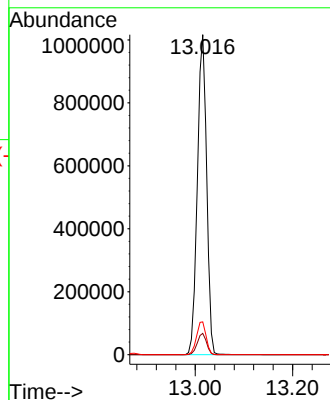
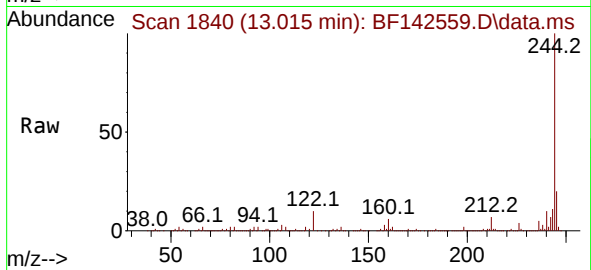
Tgt Ion:244 Resp: 1353642

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 50.522 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

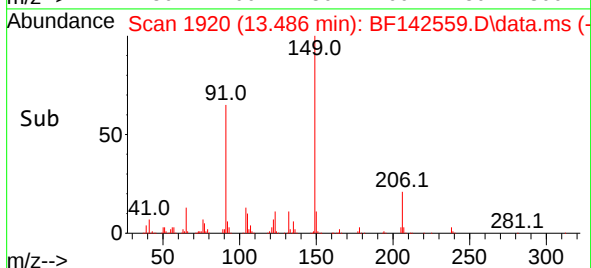
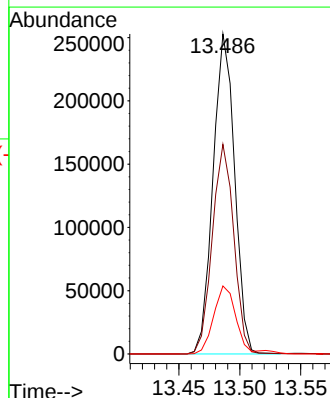
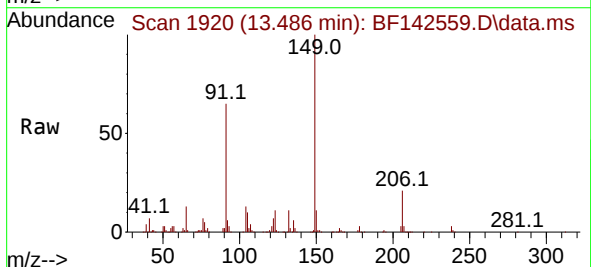
Tgt Ion:149 Resp: 311795

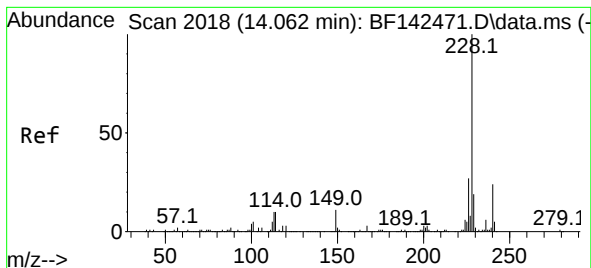
Ion Ratio Lower Upper

149 100

91 65.5 52.9 79.3

206 21.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.370 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

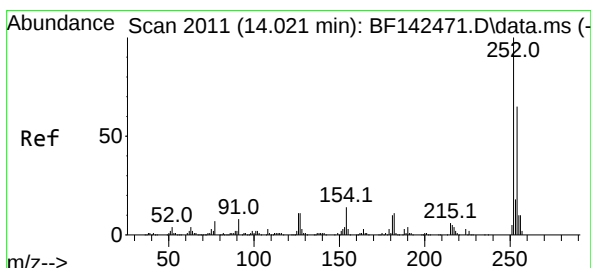
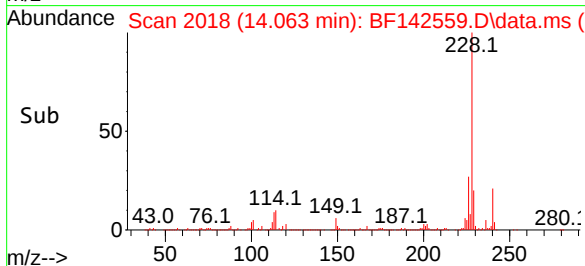
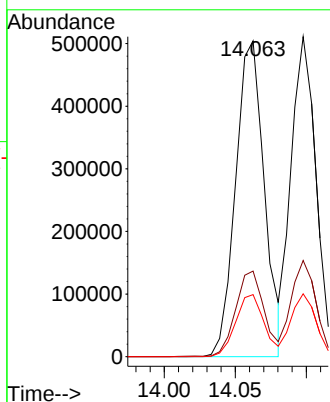
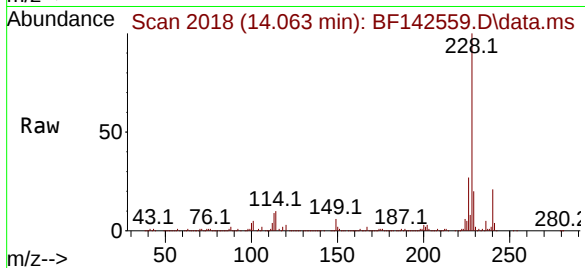
Tgt Ion:228 Resp: 709371

Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 15.946 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

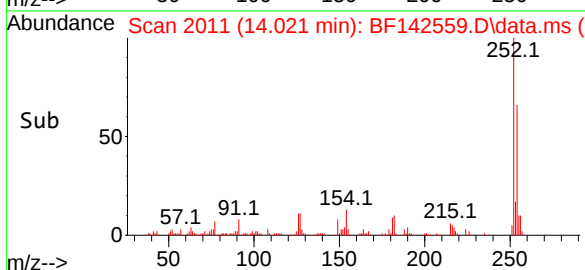
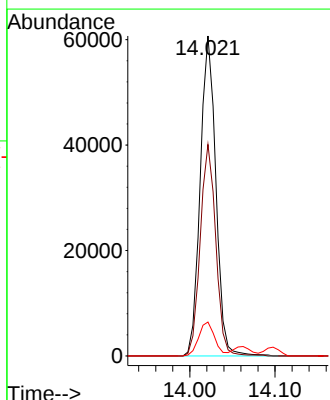
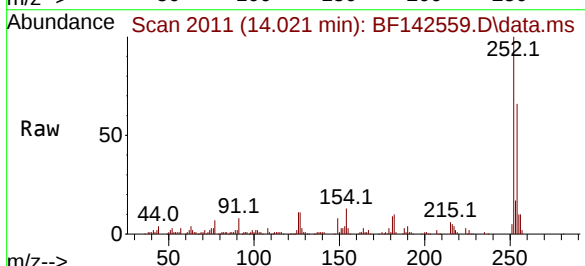
Tgt Ion:252 Resp: 77326

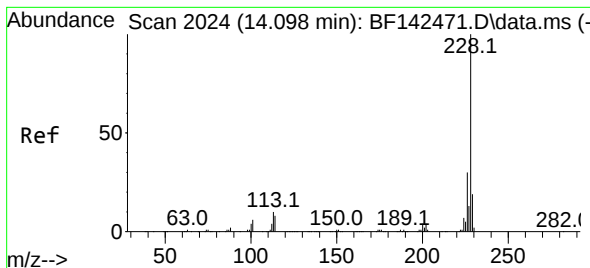
Ion Ratio Lower Upper

252 100

254 66.1 52.0 78.0

126 10.6 8.9 13.3





#83

Chrysene

Concen: 43.330 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

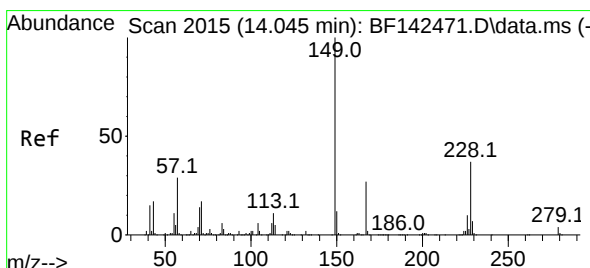
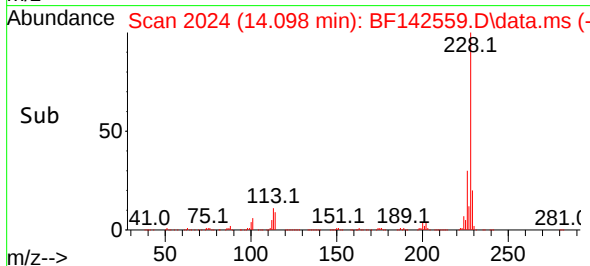
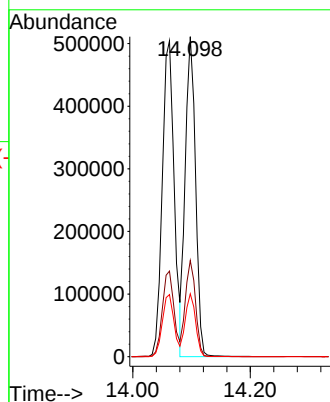
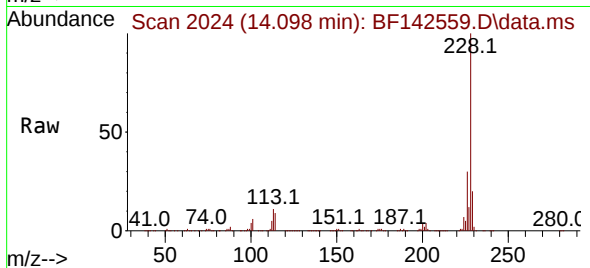
Tgt Ion:228 Resp: 622469

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.494 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

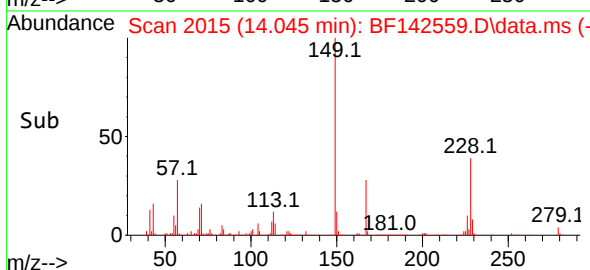
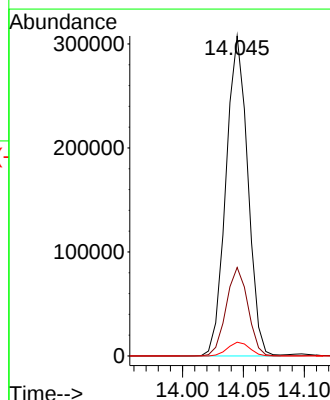
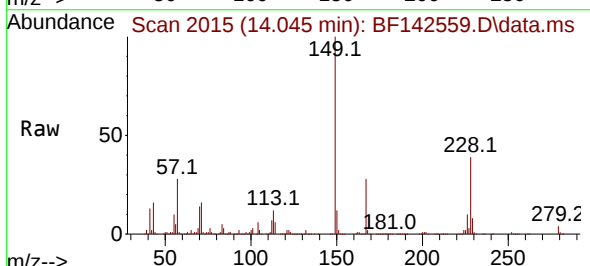
Tgt Ion:149 Resp: 383125

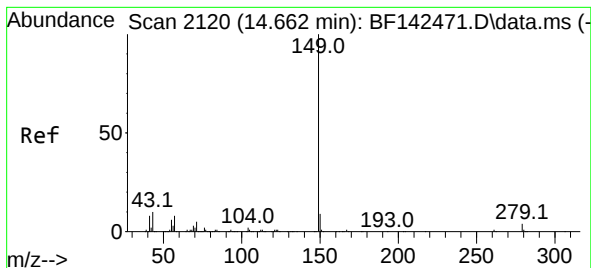
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 42.056 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

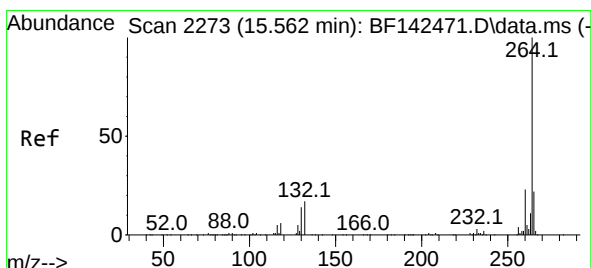
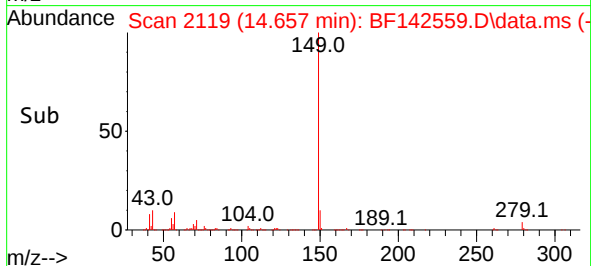
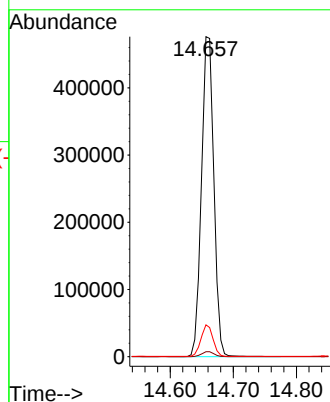
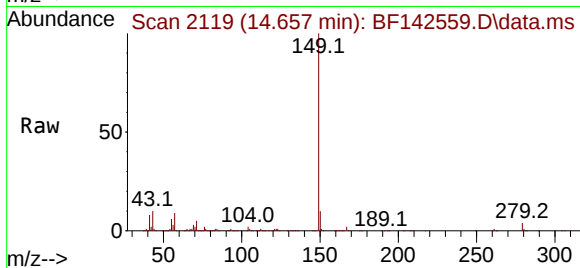
Tgt Ion:149 Resp: 649669

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

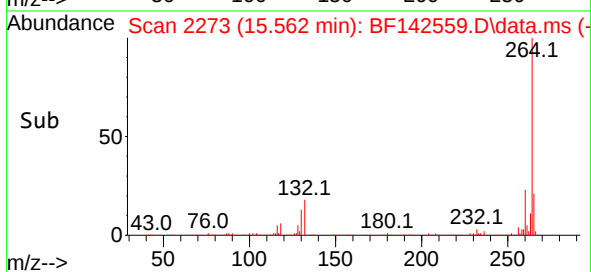
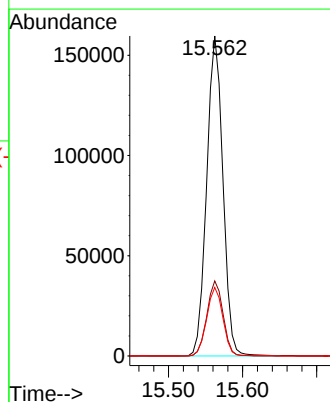
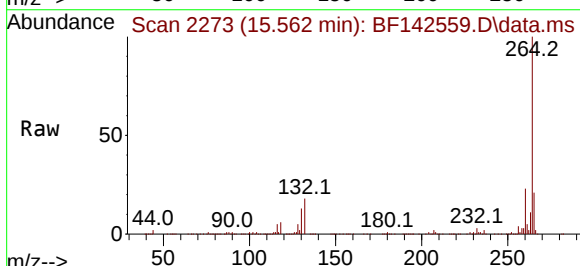
Tgt Ion:264 Resp: 242799

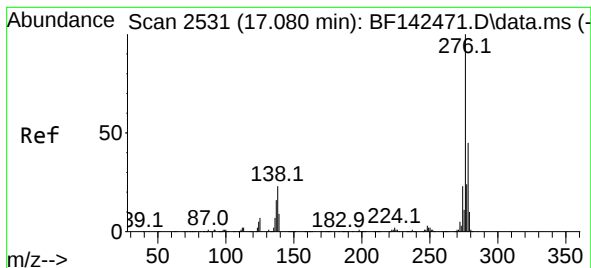
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.871 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB168164BS

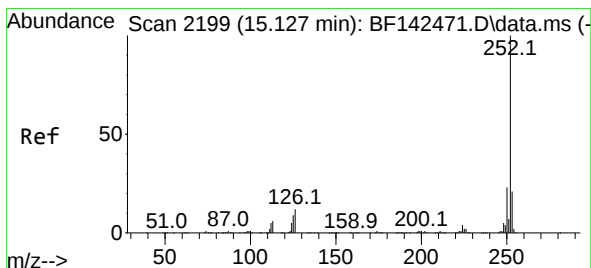
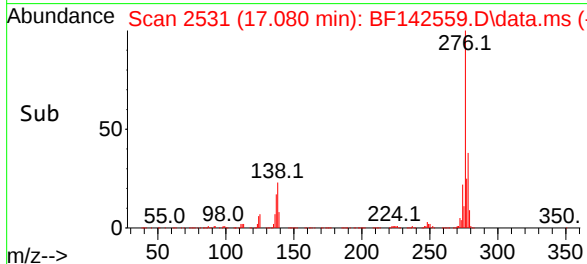
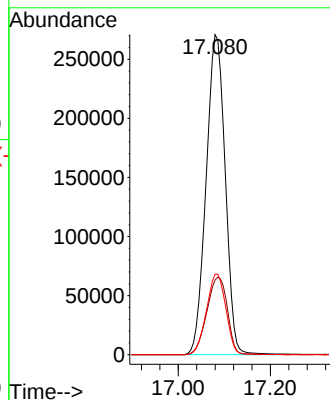
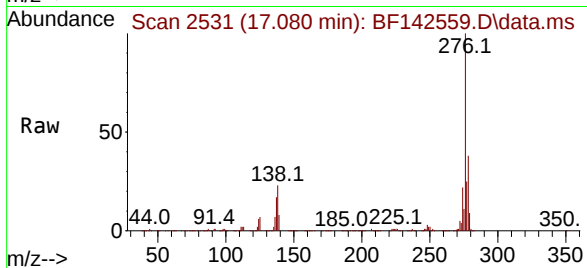
Tgt Ion:276 Resp: 781448

Ion Ratio Lower Upper

276 100

138 25.9 19.9 29.9

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.197 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142559.D

Acq: 27 May 2025 13:52

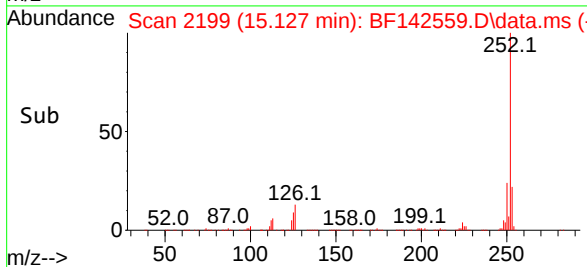
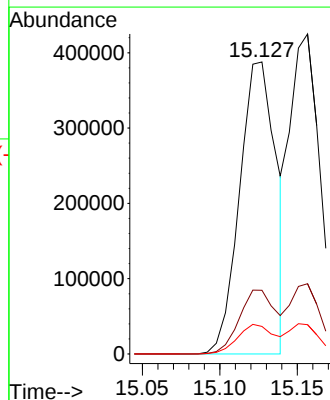
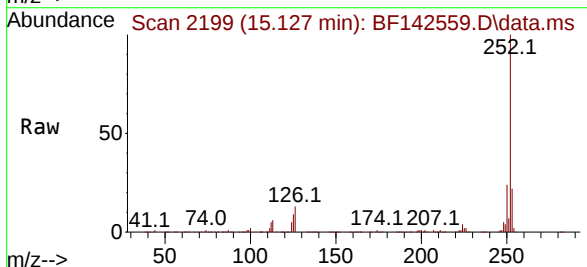
Tgt Ion:252 Resp: 635116

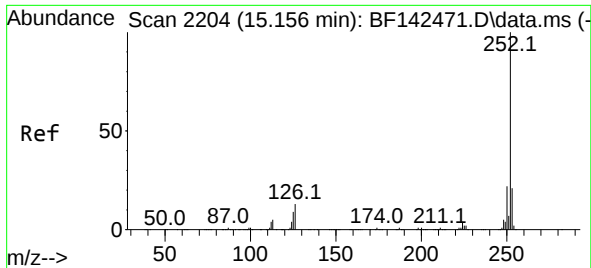
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

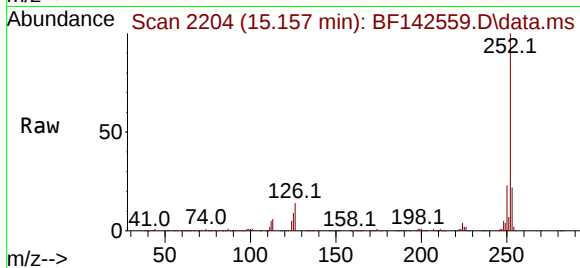
125 9.4 7.4 11.0



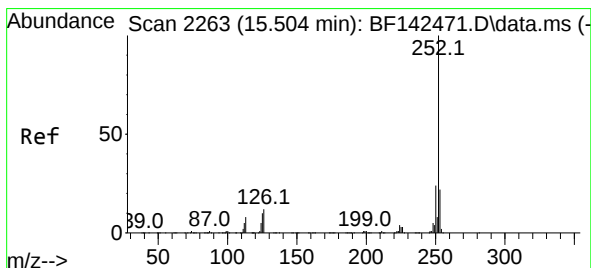
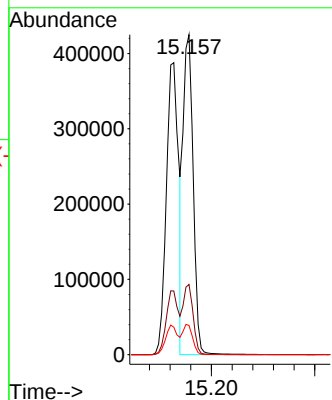
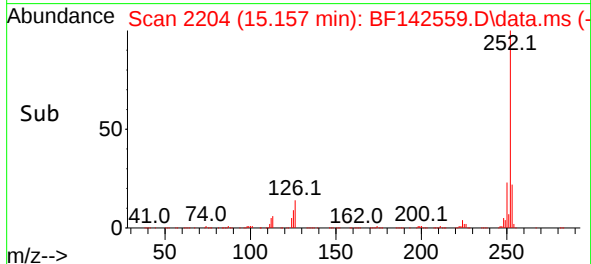


#89
Benzo(k)fluoranthene
Concen: 42.886 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168164BS

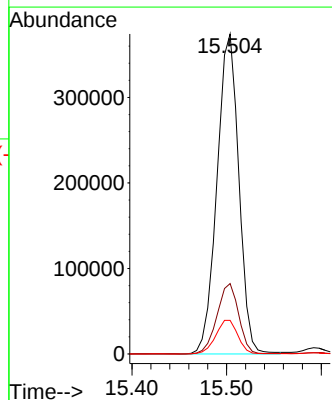
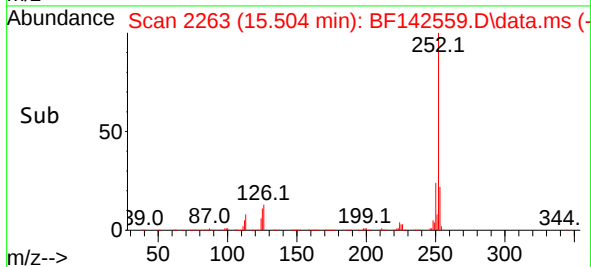
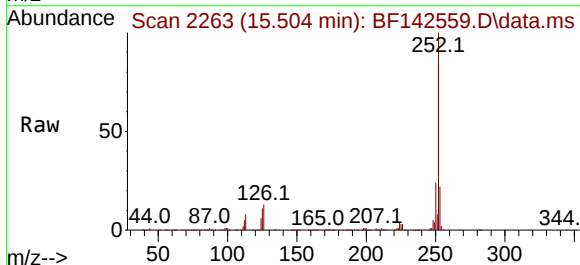


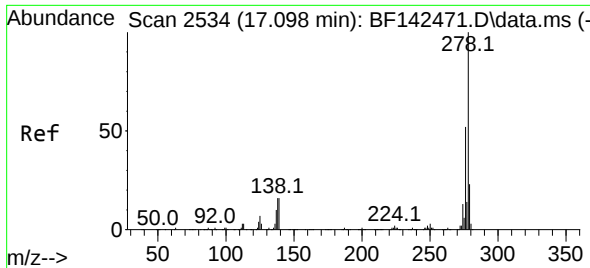
Tgt Ion:252 Resp: 577208
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.267 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:252 Resp: 599603
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.5 7.9 11.9

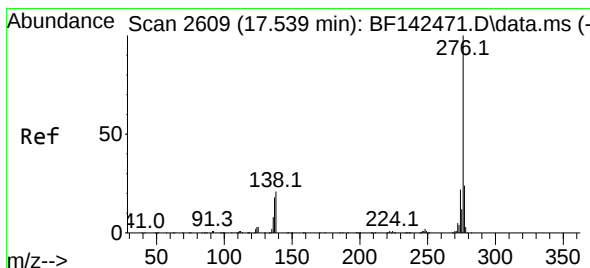
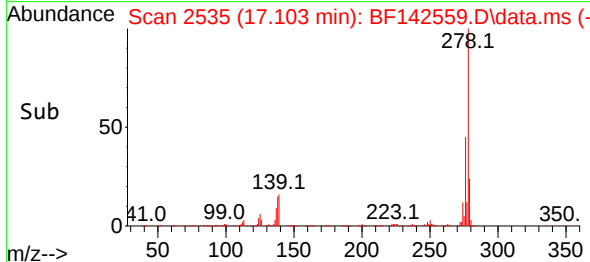
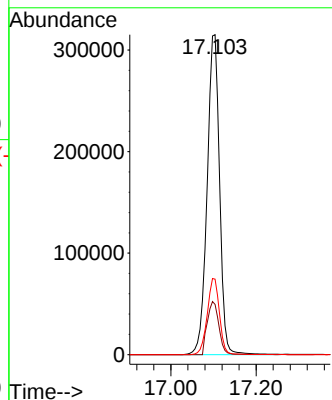
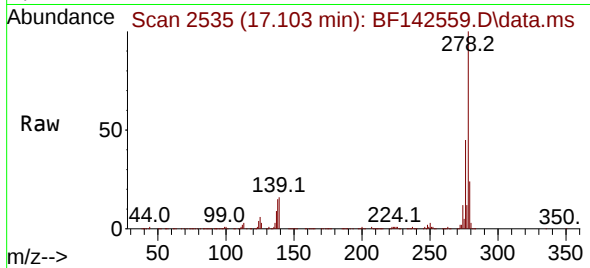




#91
Dibenzo(a,h)anthracene
Concen: 43.393 ng
RT: 17.103 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168164BS

Tgt Ion:278 Resp: 641508
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.316 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142559.D
Acq: 27 May 2025 13:52

Tgt Ion:276 Resp: 640509
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 22.0 16.8 25.2

