

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142802.D
 Acq On : 23 Jun 2025 12:42
 Operator : RC/JU
 Sample : PB168570BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168570BS

Quant Time: Jun 24 06:39:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	99001	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	377166	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	197913	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	334238	20.000	ng	0.00
76) Chrysene-d12	14.057	240	177602	20.000	ng	0.00
86) Perylene-d12	15.545	264	176257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	753879	126.782	ng	0.02
7) Phenol-d6	6.516	99	905570	129.082	ng	0.00
23) Nitrobenzene-d5	7.445	82	565224	82.200	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	279938	137.450	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1181659	78.434	ng	0.00
79) Terphenyl-d14	12.998	244	1114596	86.713	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	88575	37.242	ng	100
3) Pyridine	3.516	79	243431	40.827	ng	99
4) n-Nitrosodimethylamine	3.475	42	140277	45.496	ng	99
6) Aniline	6.545	93	370886	39.732	ng	95
8) 2-Chlorophenol	6.669	128	296026	46.151	ng	98
9) Benzaldehyde	6.434	77	178101	42.791	ng	99
10) Phenol	6.528	94	352020	45.141	ng	90
11) bis(2-Chloroethyl)ether	6.616	93	255333	45.812	ng	99
12) 1,3-Dichlorobenzene	6.822	146	314745	43.875	ng	99
13) 1,4-Dichlorobenzene	6.898	146	322424	44.548	ng	99
14) 1,2-Dichlorobenzene	7.051	146	309594	45.098	ng	99
15) Benzyl Alcohol	7.022	79	231184	45.583	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	395227	44.137	ng	98
17) 2-Methylphenol	7.134	107	223209	45.919	ng	99
18) Hexachloroethane	7.392	117	113186	44.710	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	187491	45.951	ng	97
20) 3+4-Methylphenols	7.286	107	272250	44.921	ng	99
22) Acetophenone	7.292	105	378671	45.529	ng	98
24) Nitrobenzene	7.469	77	283625	45.572	ng	98
25) Isophorone	7.704	82	513161	46.522	ng	100
26) 2-Nitrophenol	7.781	139	162125	47.821	ng	98
27) 2,4-Dimethylphenol	7.816	122	271525	46.236	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	321875	45.899	ng	100
29) 2,4-Dichlorophenol	8.022	162	244137	45.850	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	265591	45.360	ng	99
31) Naphthalene	8.186	128	834966	45.227	ng	100
32) Benzoic acid	7.945	122	158045	52.802	ng	99
33) 4-Chloroaniline	8.233	127	248920	33.159	ng	100
34) Hexachlorobutadiene	8.304	225	162935	45.494	ng	99
35) Caprolactam	8.610	113	39545	28.144	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	246203	46.524	ng	99
37) 2-Methylnaphthalene	8.880	142	514099	44.917	ng	99
38) 1-Methylnaphthalene	8.980	142	537571	45.371	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	261679	44.810	ng	98
41) Hexachlorocyclopentadiene	9.033	237	338444	102.127	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	176784	46.457	ng	100

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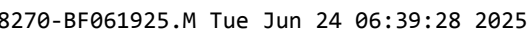
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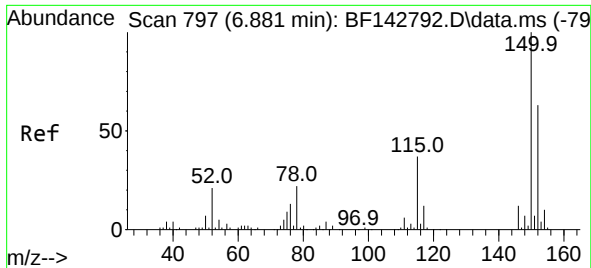
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	184846	46.145	ng	98
46) 1,1'-Biphenyl	9.345	154	706725	45.204	ng	100
47) 2-Chloronaphthalene	9.369	162	527670	44.976	ng	99
48) 2-Nitroaniline	9.469	65	155675	47.329	ng	97
49) Acenaphthylene	9.786	152	873271	45.215	ng	100
50) Dimethylphthalate	9.645	163	604877	47.215	ng	99
51) 2,6-Dinitrotoluene	9.710	165	136632	48.564	ng	97
52) Acenaphthene	9.957	154	519002	44.044	ng	100
53) 3-Nitroaniline	9.880	138	113275	36.569	ng	98
54) 2,4-Dinitrophenol	9.992	184	168270	119.448	ng	94
55) Dibenzofuran	10.133	168	757597	44.835	ng	100
56) 4-Nitrophenol	10.045	139	218070	102.833	ng	97
57) 2,4-Dinitrotoluene	10.116	165	185074	49.524	ng	97
58) Fluorene	10.474	166	593444	44.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155046	48.018	ng	97
60) Diethylphthalate	10.345	149	605131	48.175	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	285404	45.322	ng	98
62) 4-Nitroaniline	10.498	138	145343	51.304	ng	98
63) Azobenzene	10.627	77	522648	46.555	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	101264	50.089	ng	99
66) n-Nitrosodiphenylamine	10.586	169	521827	45.048	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	176520	46.404	ng	98
68) Hexachlorobenzene	11.022	284	194911	46.113	ng	99
69) Atrazine	11.110	200	158189	52.883	ng	99
70) Pentachlorophenol	11.222	266	215162	102.155	ng	99
71) Phenanthrene	11.439	178	828107	45.737	ng	99
72) Anthracene	11.492	178	850987	45.828	ng	99
73) Carbazole	11.645	167	764485	47.708	ng	100
74) Di-n-butylphthalate	11.969	149	859341	51.478	ng	100
75) Fluoranthene	12.627	202	819075	47.667	ng	99
77) Benzidine	12.751	184	449703	67.394	ng	100
78) Pyrene	12.857	202	817411	49.102	ng	99
80) Butylbenzylphthalate	13.474	149	256934	53.207	ng	96
81) Benzo(a)anthracene	14.045	228	585334	48.855	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	111157	28.603	ng	99
83) Chrysene	14.086	228	495057	46.306	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	308370	44.384	ng	100
85) Di-n-octyl phthalate	14.645	149	534647	40.810	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	610888	45.503	ng	99
88) Benzo(b)fluoranthene	15.109	252	541478	53.091	ng	99
89) Benzo(k)fluoranthene	15.139	252	437931	45.895	ng	99
90) Benzo(a)pyrene	15.486	252	476837	48.395	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	493811	45.269	ng	99
92) Benzo(g,h,i)perylene	17.515	276	490888	45.129	ng	99

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

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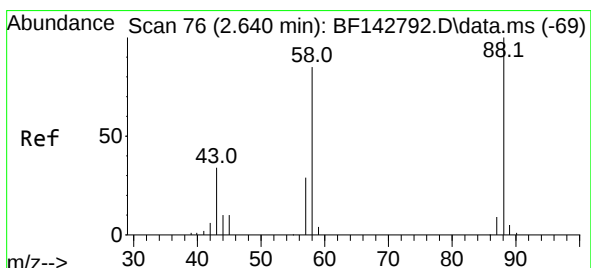
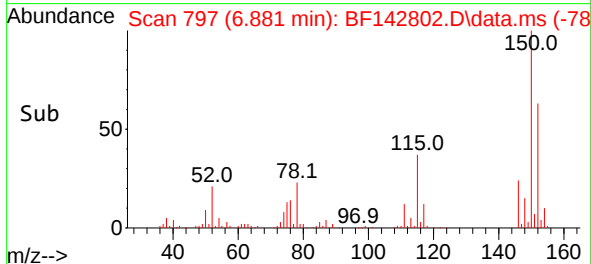
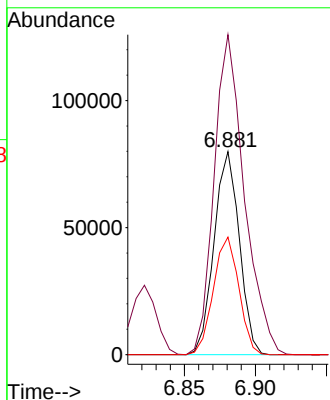
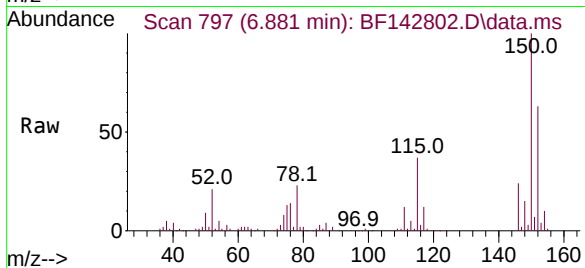




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142802.D
 Acq: 23 Jun 2025 12:42

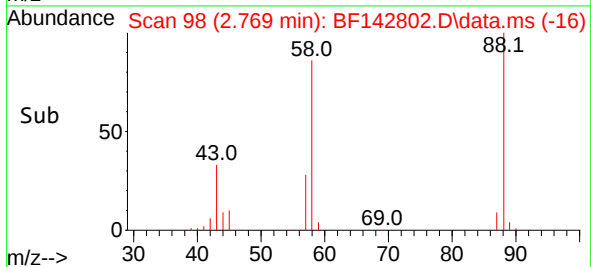
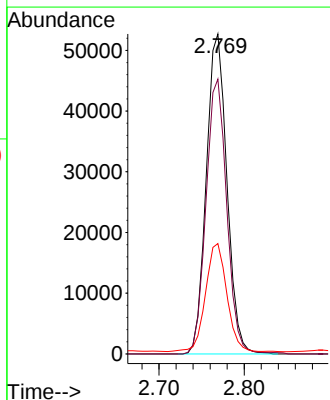
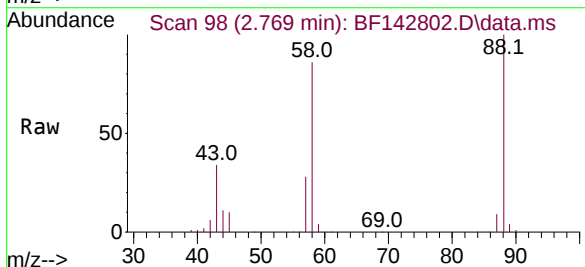
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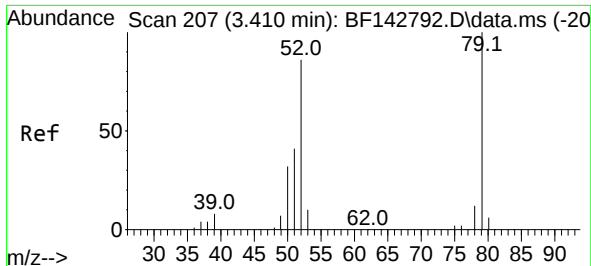
Tgt Ion:152 Resp: 99001
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.2 190.8
 115 57.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.242 ng
 RT: 2.769 min Scan# 98
 Delta R.T. 0.129 min
 Lab File: BF142802.D
 Acq: 23 Jun 2025 12:42

Tgt Ion: 88 Resp: 88575
 Ion Ratio Lower Upper
 88 100
 58 86.4 69.1 103.7
 43 34.7 27.4 41.2

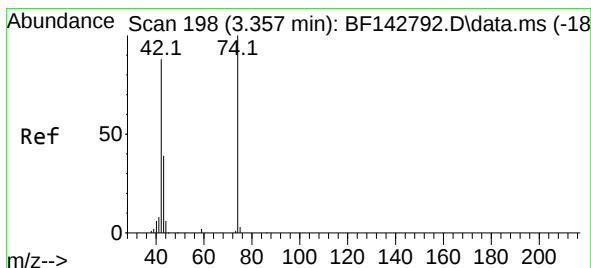
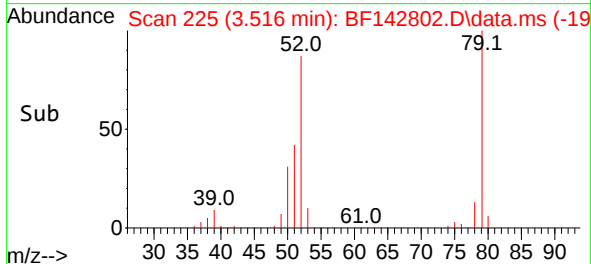
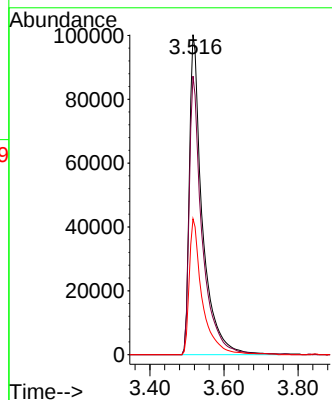
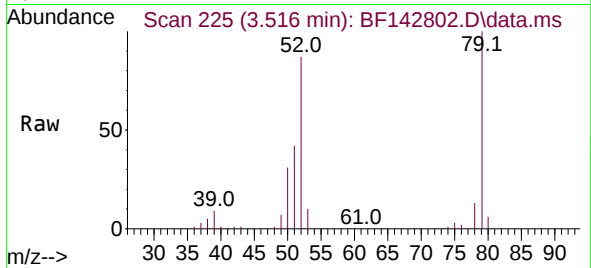




#3
Pyridine
Concen: 40.827 ng
RT: 3.516 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

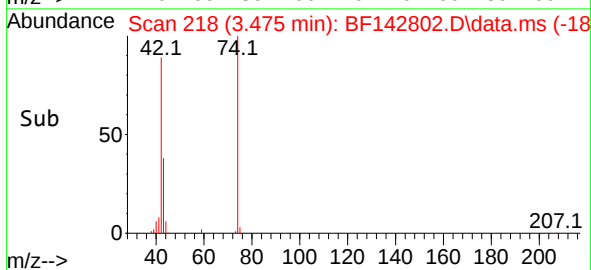
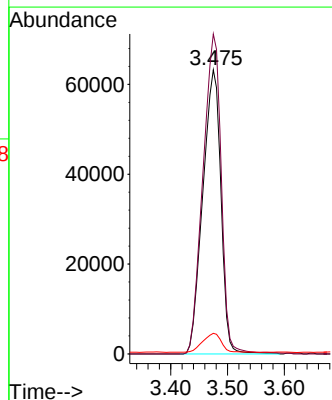
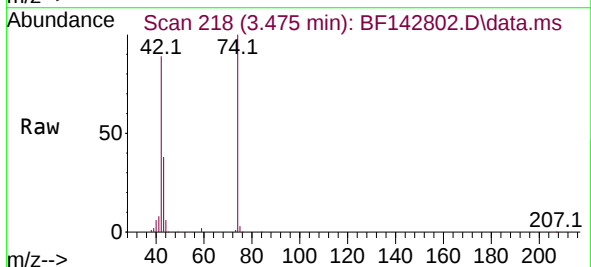
Instrument :
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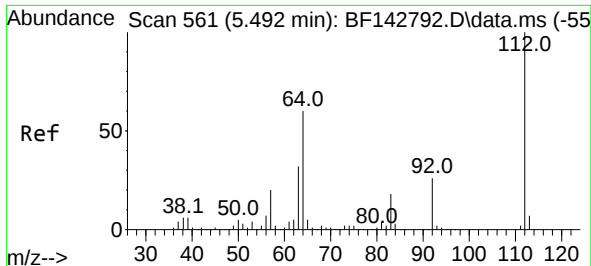
Tgt Ion: 79 Resp: 243431
Ion Ratio Lower Upper
79 100
52 87.0 69.2 103.8
51 42.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 45.496 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.118 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion: 42 Resp: 140277
Ion Ratio Lower Upper
42 100
74 112.6 90.9 136.3
44 7.3 5.8 8.6

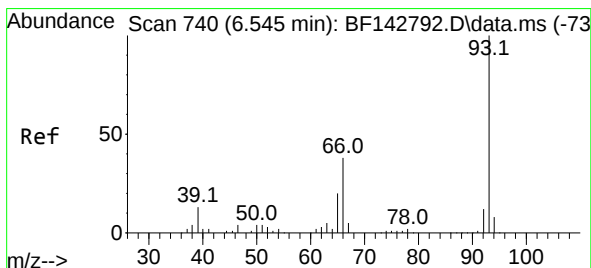
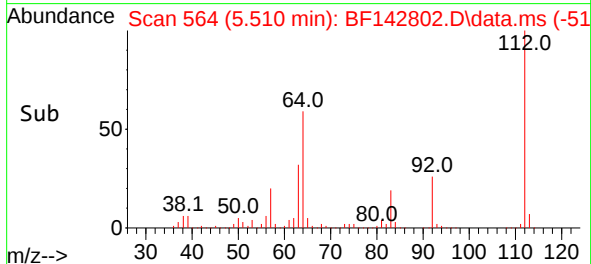
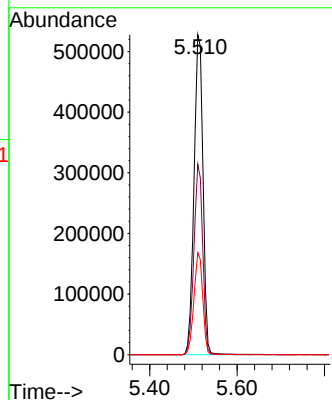
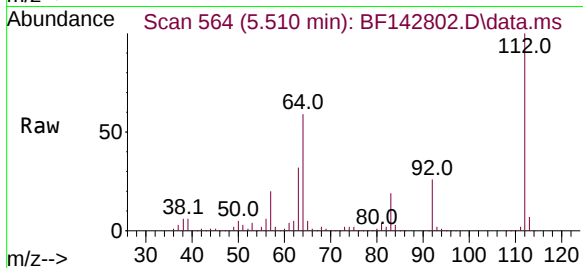




#5
2-Fluorophenol
Concen: 126.782 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

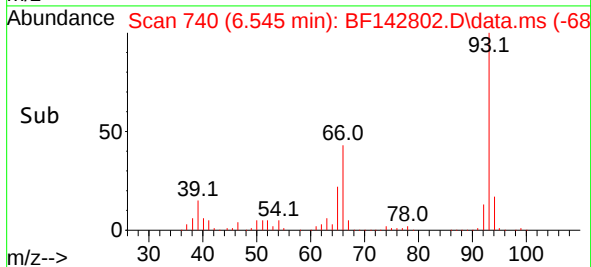
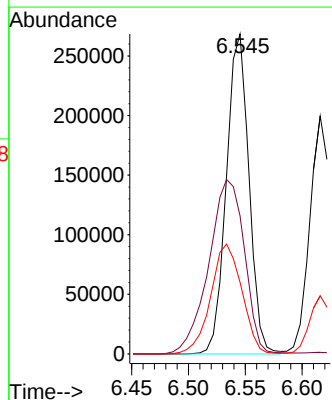
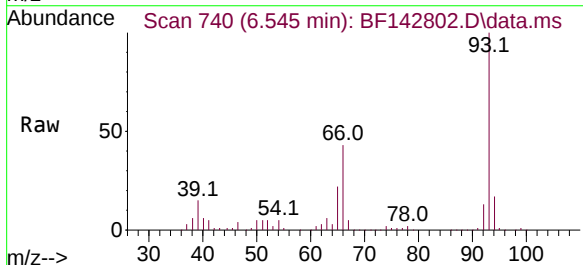
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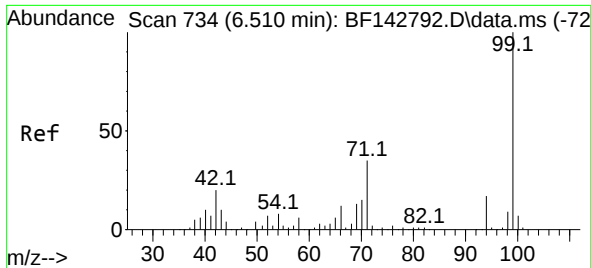
Tgt Ion:112 Resp: 753879
Ion Ratio Lower Upper
112 100
64 59.5 48.2 72.2
63 31.9 25.7 38.5



#6
Aniline
Concen: 39.732 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion: 93 Resp: 370886
Ion Ratio Lower Upper
93 100
66 43.1 31.8 47.6
65 22.4 16.2 24.2





#7

Phenol-d6

Concen: 129.082 ng

RT: 6.516 min Scan# 734

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

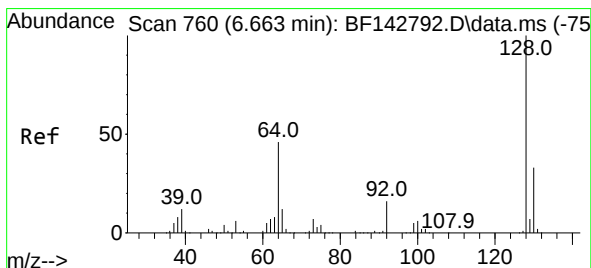
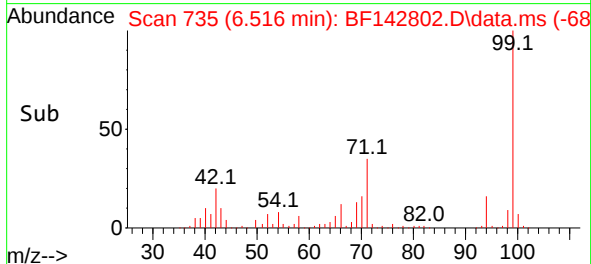
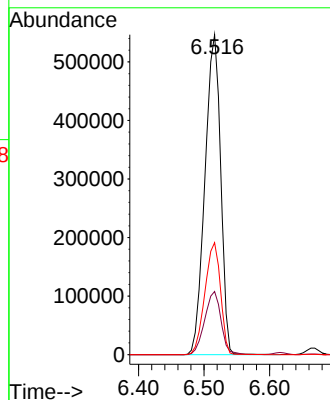
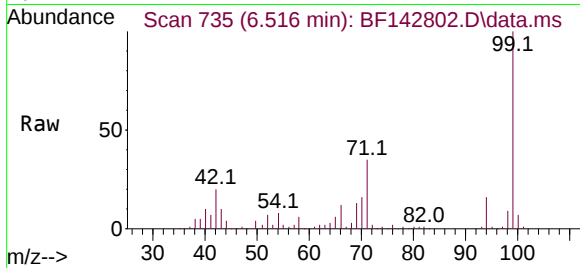
Tgt Ion: 99 Resp: 905570

Ion Ratio Lower Upper

99 100

42 19.7 15.9 23.9

71 35.0 27.8 41.8



#8

2-Chlorophenol

Concen: 46.151 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF142802.D

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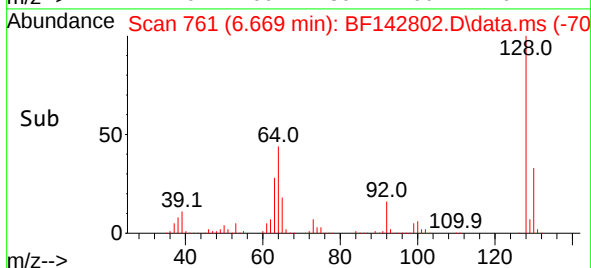
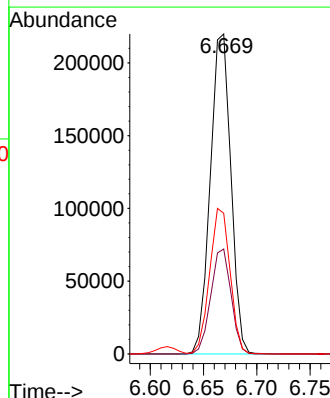
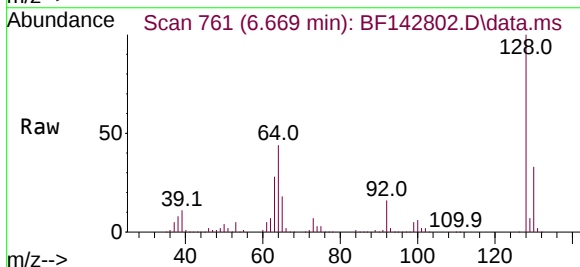
Tgt Ion:128 Resp: 296026

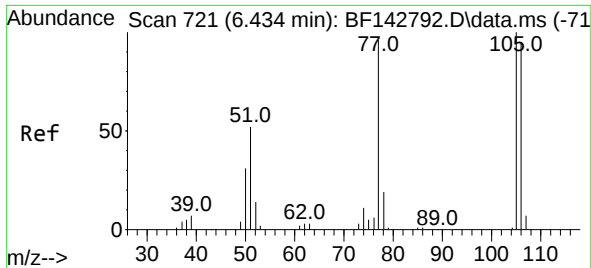
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 43.9 26.5 66.5





#9

Benzaldehyde

Concen: 42.791 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142802.D

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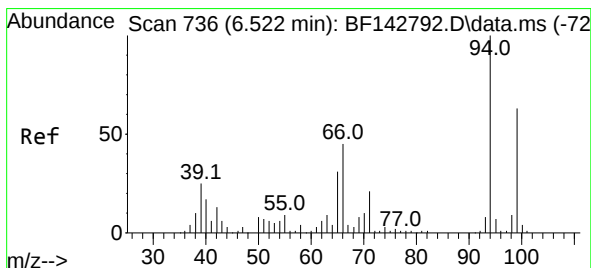
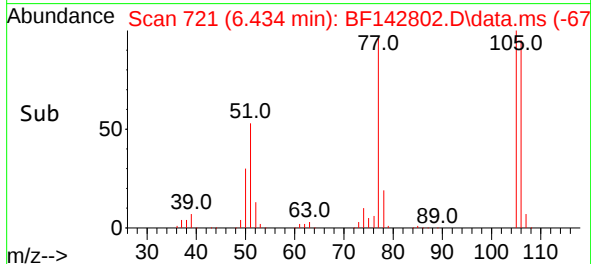
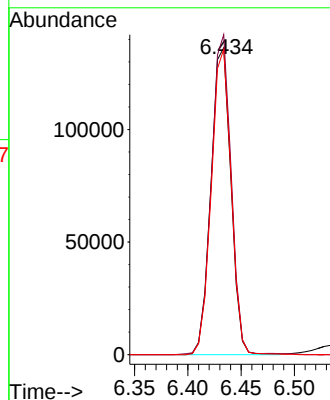
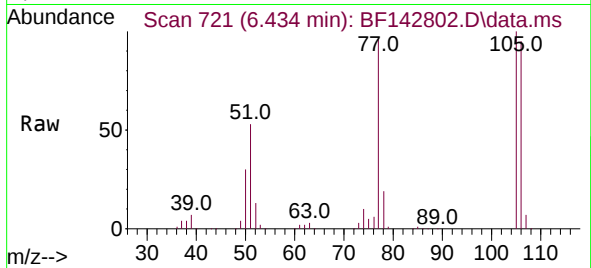
Tgt Ion: 77 Resp: 178101

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

106 99.5 78.7 118.7



#10

Phenol

Concen: 45.141 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

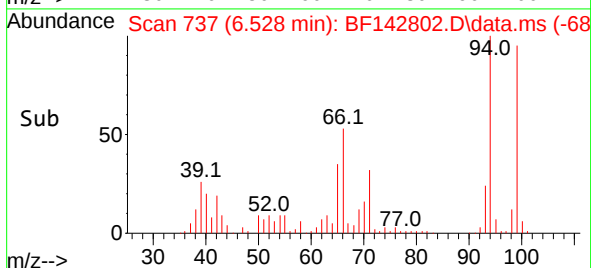
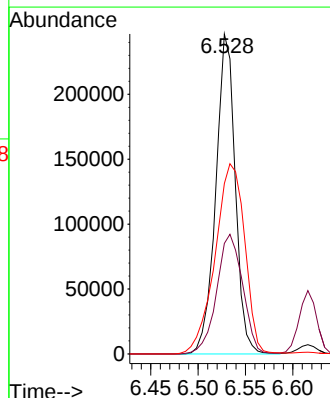
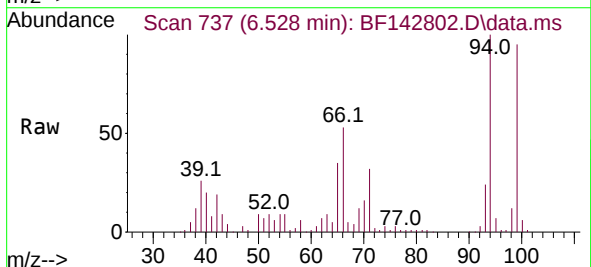
Tgt Ion: 94 Resp: 352020

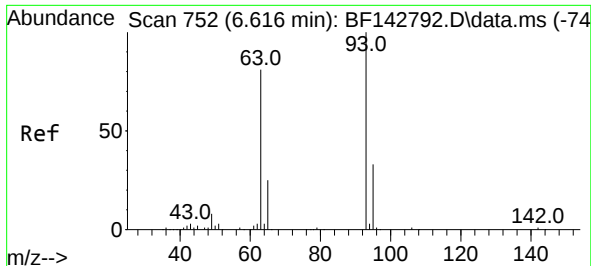
Ion Ratio Lower Upper

94 100

65 34.5 11.3 51.3

66 53.2 24.9 64.9





#11

bis(2-Chloroethyl)ether

Concen: 45.812 ng

RT: 6.616 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

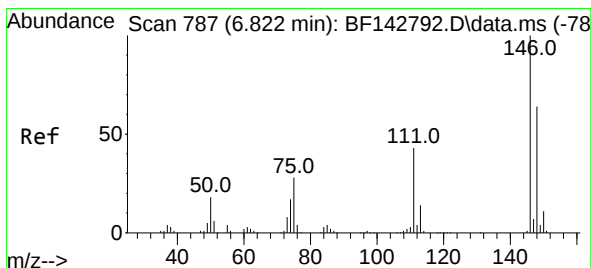
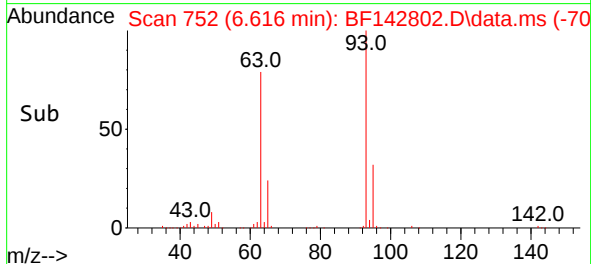
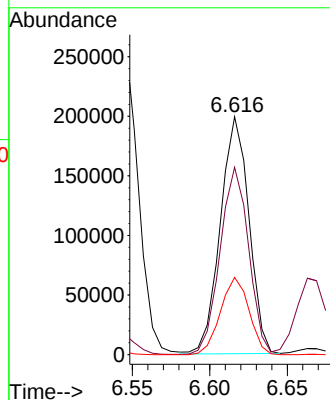
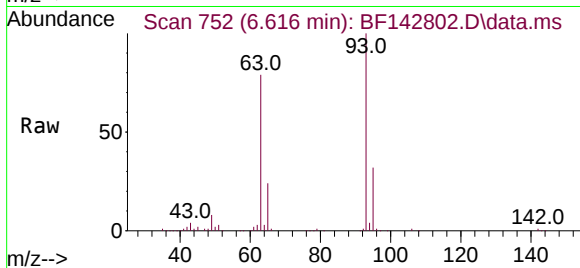
Tgt Ion: 93 Resp: 255333

Ion Ratio Lower Upper

93 100

63 78.7 60.3 100.3

95 32.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 43.875 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

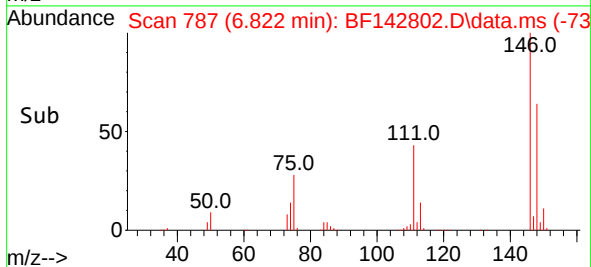
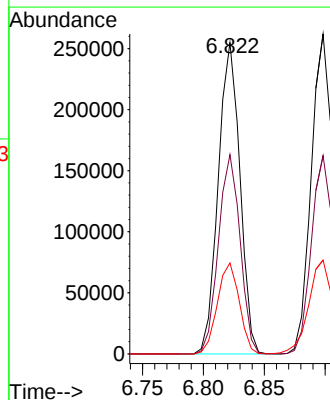
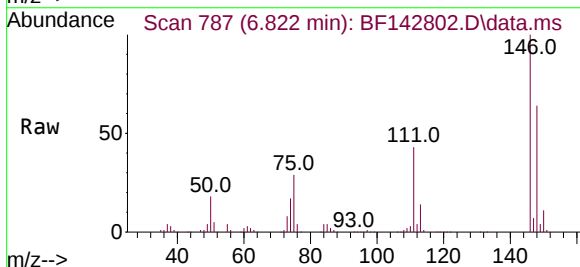
Tgt Ion:146 Resp: 314745

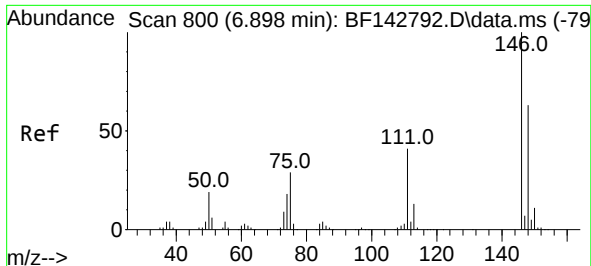
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

75 29.3 22.7 34.1

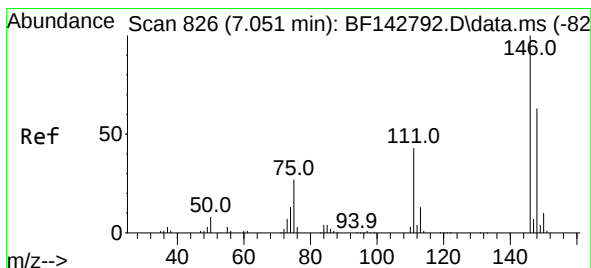
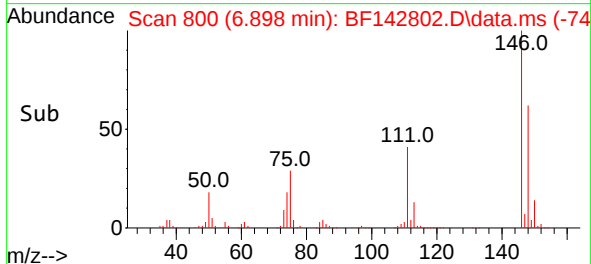
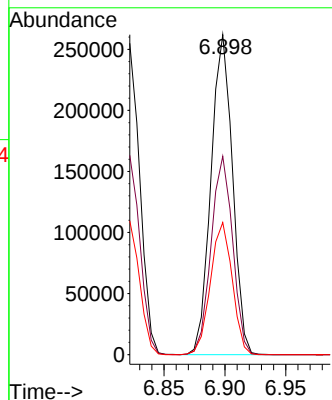
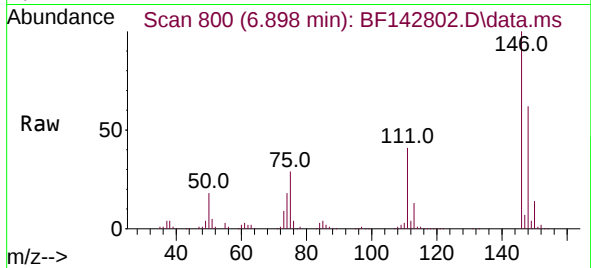




#13
1,4-Dichlorobenzene
Concen: 44.548 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

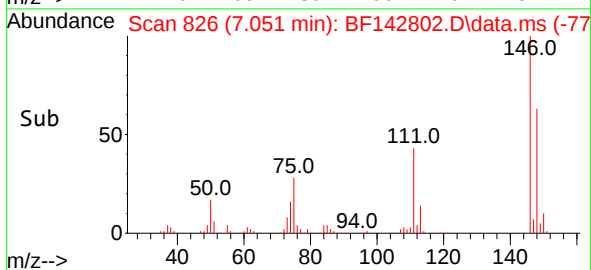
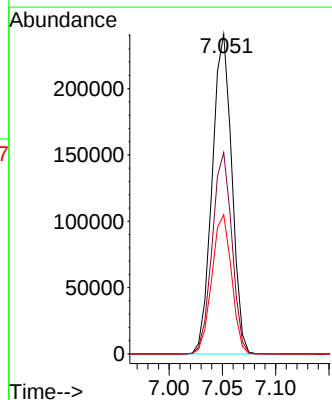
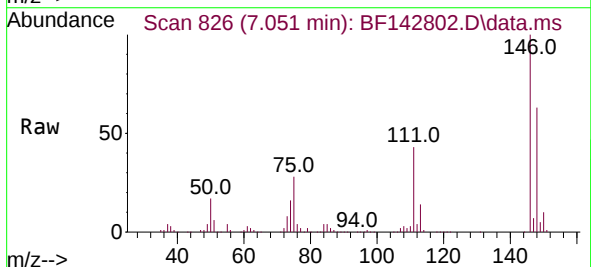
Instrument :
BNA_F
ClientSampleId :
PB168570BS

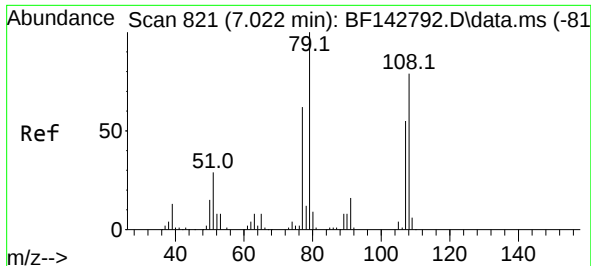
Tgt Ion:146 Resp: 322424
Ion Ratio Lower Upper
146 100
148 62.0 50.2 75.2
111 41.3 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 45.098 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:146 Resp: 309594
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
111 43.5 34.1 51.1

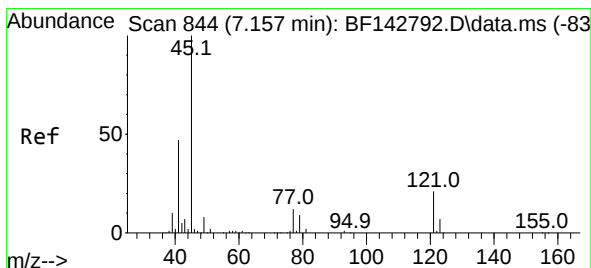
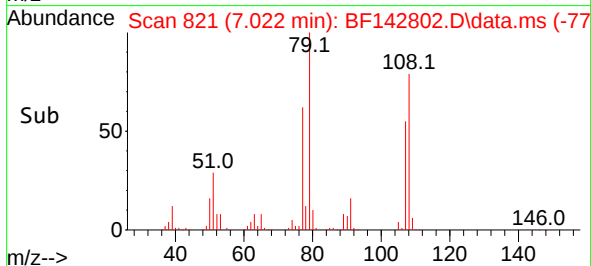
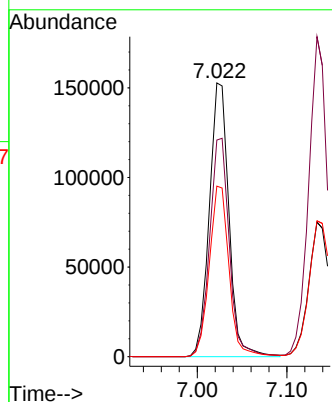
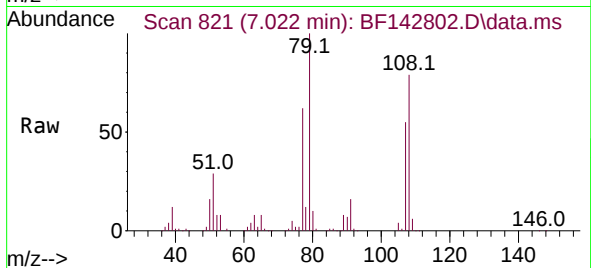




#15
Benzyl Alcohol
Concen: 45.583 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

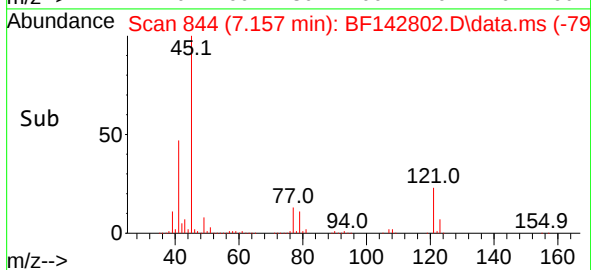
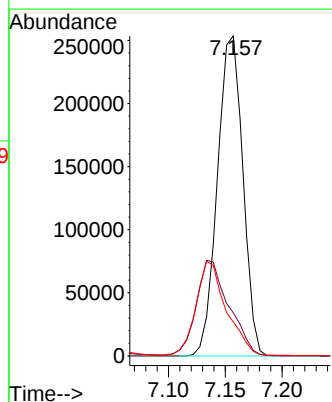
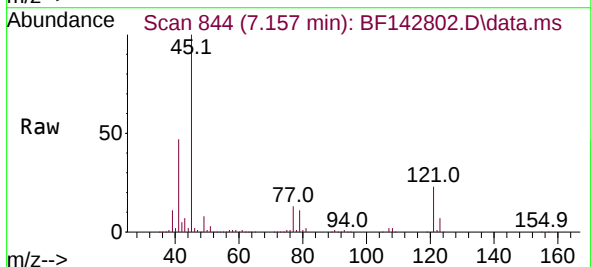
Instrument :
BNA_F
ClientSampleId :
PB168570BS

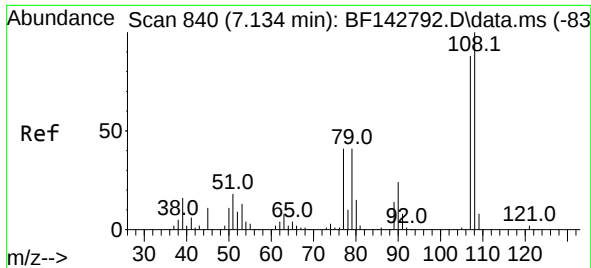
Tgt Ion: 79 Resp: 231184
Ion Ratio Lower Upper
79 100
108 79.2 63.4 95.0
77 62.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.137 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion: 45 Resp: 395227
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 10.6 0.0 29.8

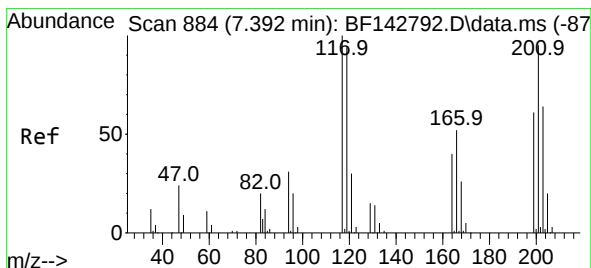
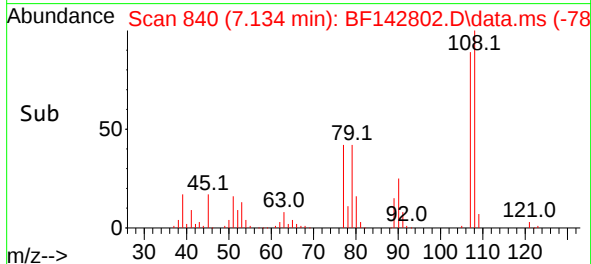
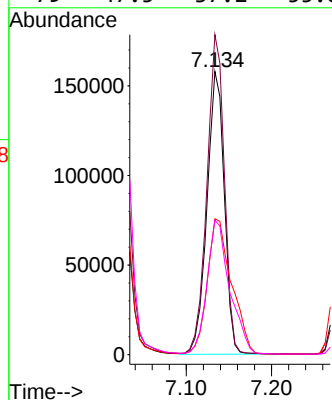
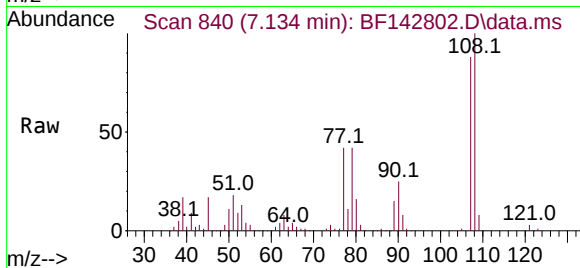




#17
2-Methylphenol
Concen: 45.919 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

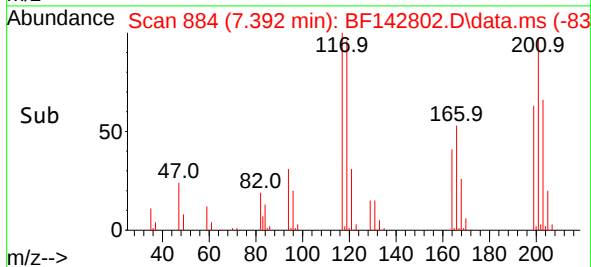
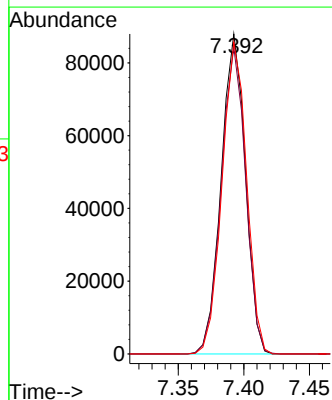
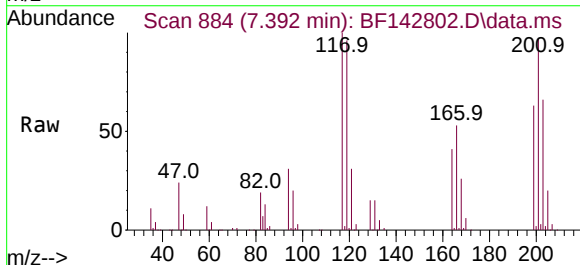
Instrument :
BNA_F
ClientSampleId :
PB168570BS

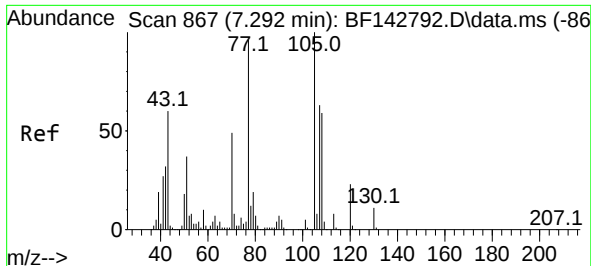
Tgt Ion:	107	Resp:	223209
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	47.9	37.3	55.9
79	47.5	37.2	55.8



#18
Hexachloroethane
Concen: 44.710 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:	117	Resp:	113186
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	97.4	75.9	113.9

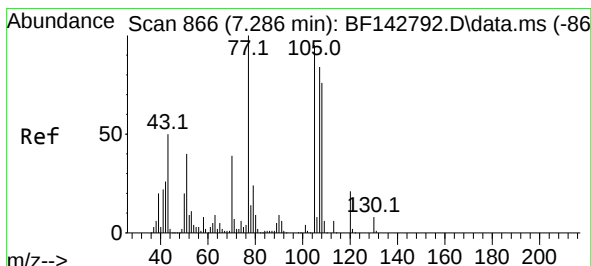
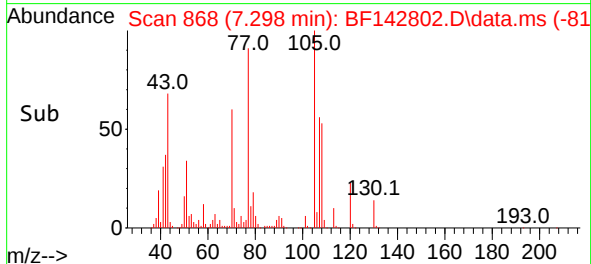
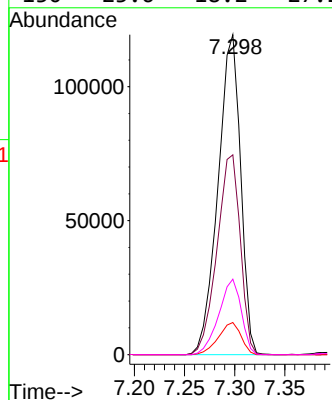
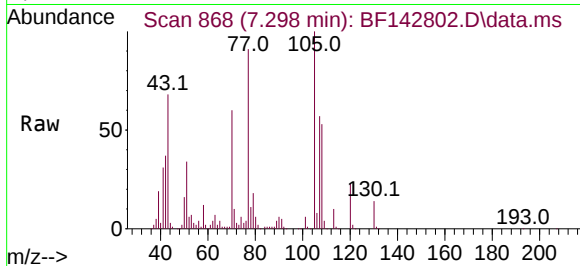




#19
n-Nitroso-di-n-propylamine
Concen: 45.951 ng
RT: 7.298 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

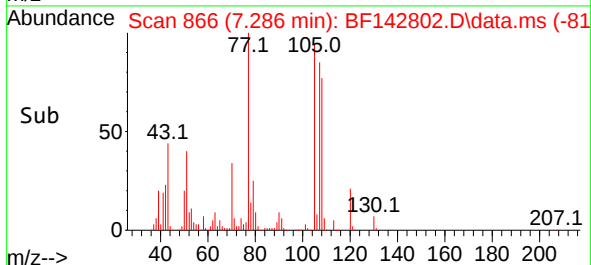
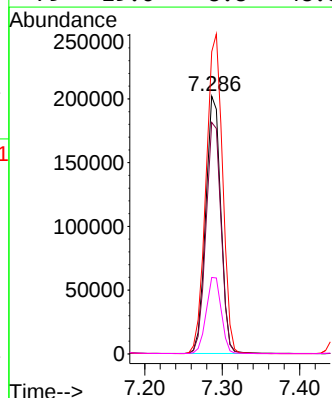
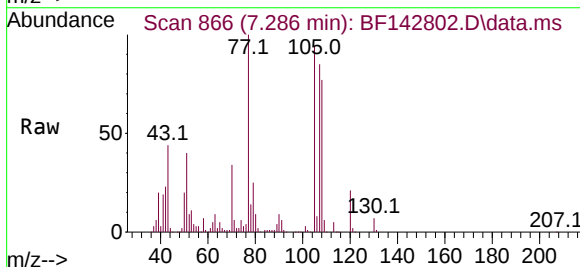
Instrument :
BNA_F
ClientSampleId :
PB168570BS

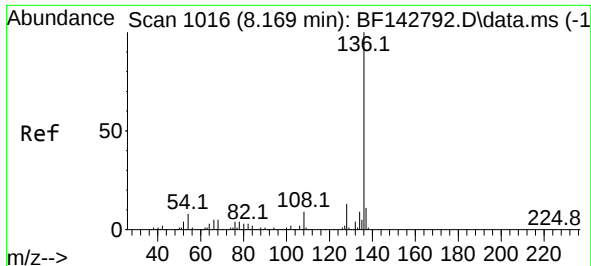
Tgt Ion: 70 Resp: 187491
Ion Ratio Lower Upper
70 100
42 62.4 52.1 78.1
101 10.0 8.2 12.2
130 23.6 18.2 27.2



#20
3+4-Methylphenols
Concen: 44.921 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:107 Resp: 272250
Ion Ratio Lower Upper
107 100
108 89.8 70.0 110.0
77 117.2 98.5 138.5
79 29.6 8.8 48.8

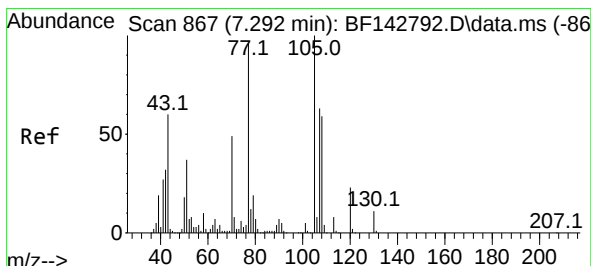
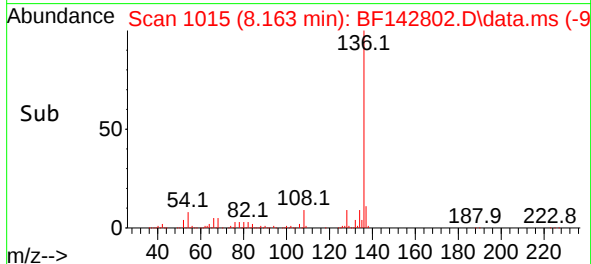
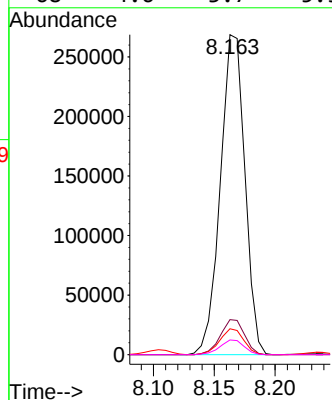
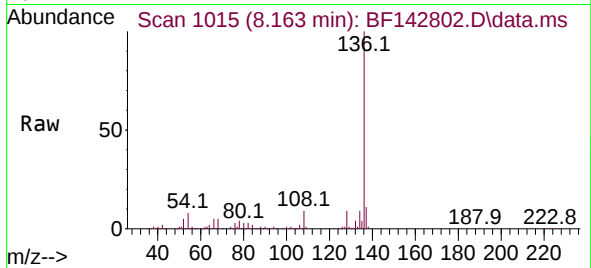




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

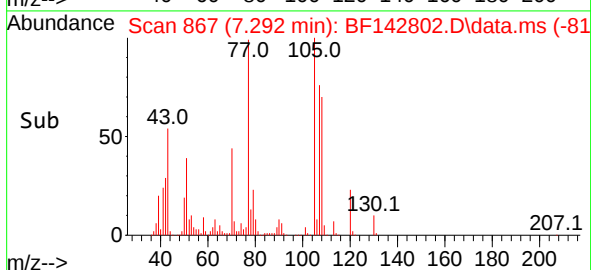
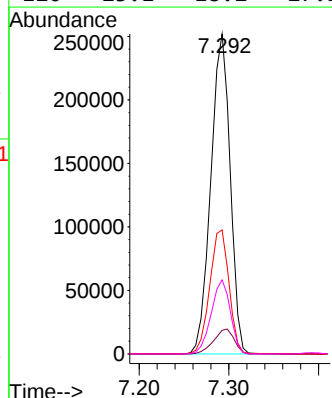
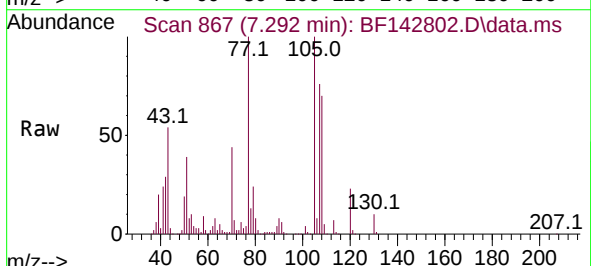
Instrument :
BNA_F
ClientSampleId :
PB168570BS

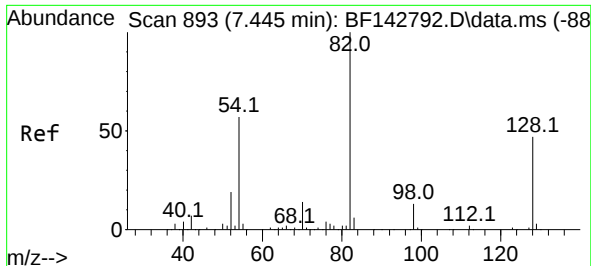
Tgt Ion:136	Resp:	377166
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.4 12.6
54	8.1	6.3 9.5
68	4.6	3.7 5.5



#22
Acetophenone
Concen: 45.529 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:105	Resp:	378671
Ion Ratio	Lower	Upper
105	100	
71	7.4	6.5 9.7
51	38.7	29.8 44.8
120	23.1	18.2 27.2





#23

Nitrobenzene-d5

Concen: 82.200 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

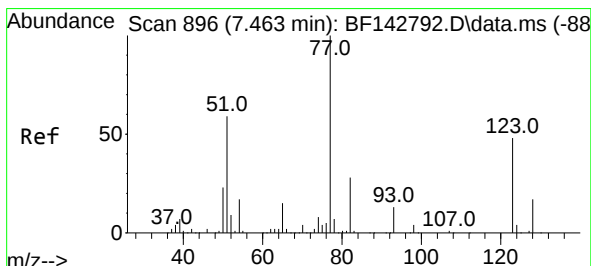
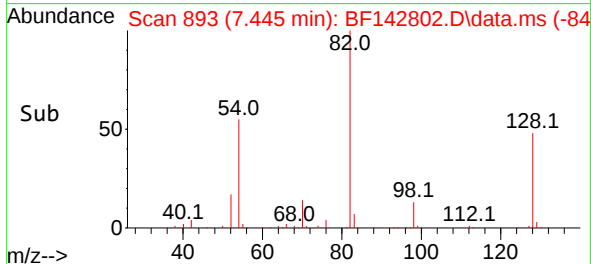
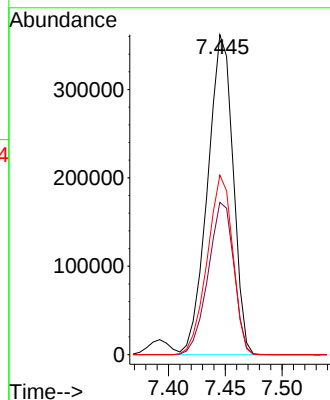
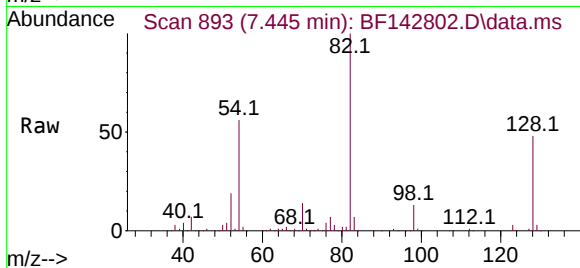
Tgt Ion: 82 Resp: 565224

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 56.1 45.7 68.5



#24

Nitrobenzene

Concen: 45.572 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

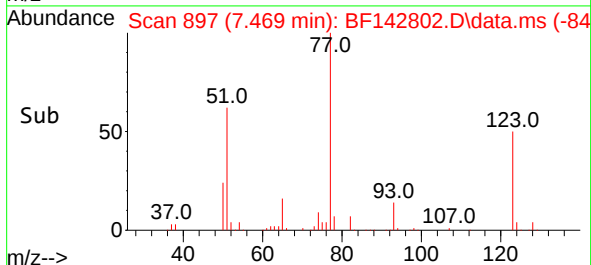
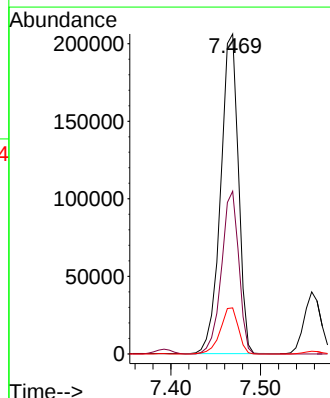
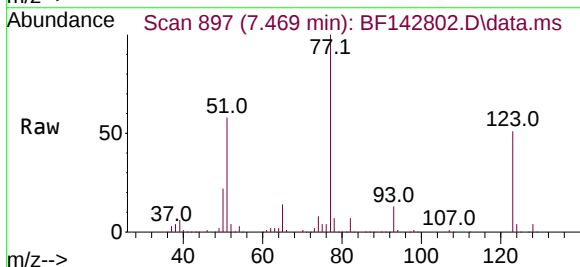
Tgt Ion: 77 Resp: 283625

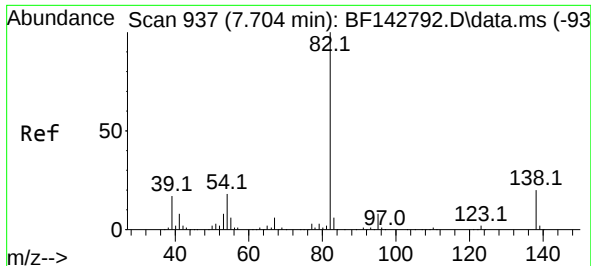
Ion Ratio Lower Upper

77 100

123 50.8 39.2 58.8

65 14.4 11.6 17.4

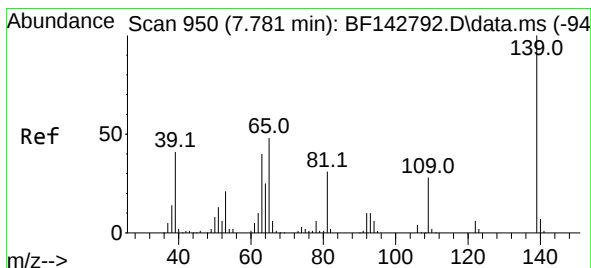
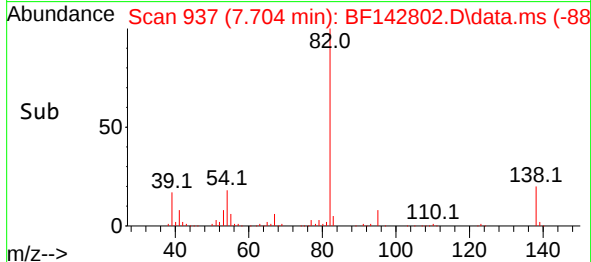
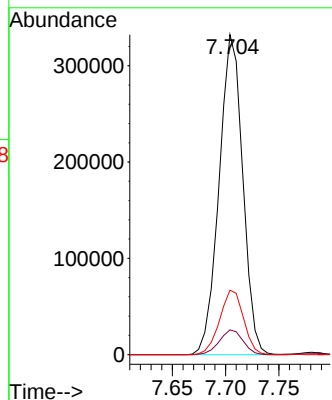
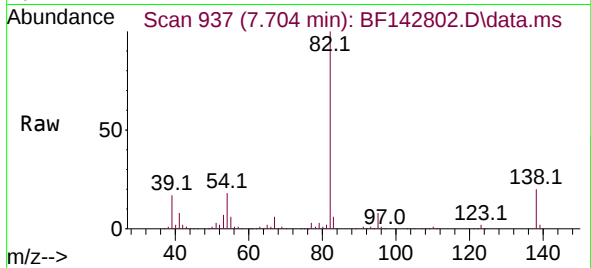




#25
Isophorone
Concen: 46.522 ng
RT: 7.704 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

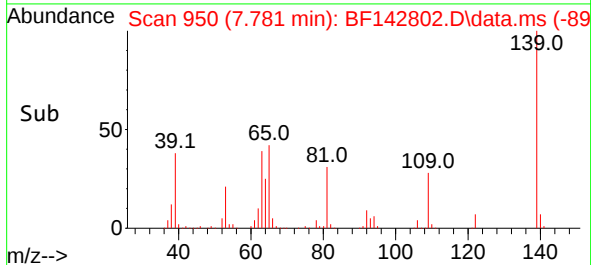
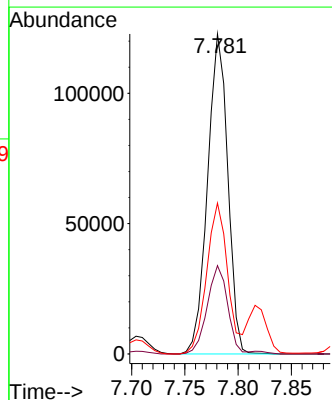
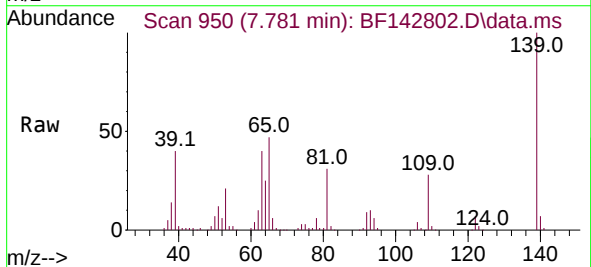
Instrument :
BNA_F
ClientSampleId :
PB168570BS

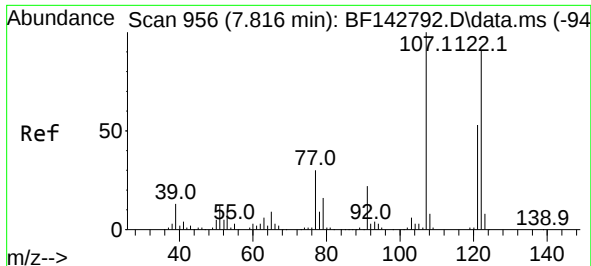
Tgt Ion: 82 Resp: 513161
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 47.821 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:139 Resp: 162125
Ion Ratio Lower Upper
139 100
109 27.6 22.7 34.1
65 47.1 38.6 58.0

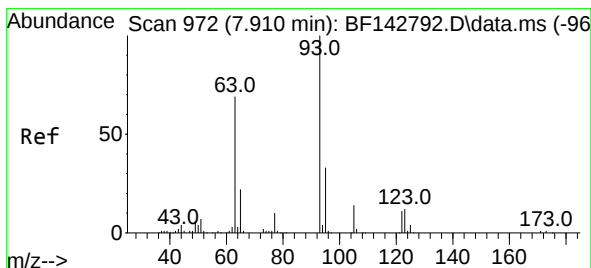
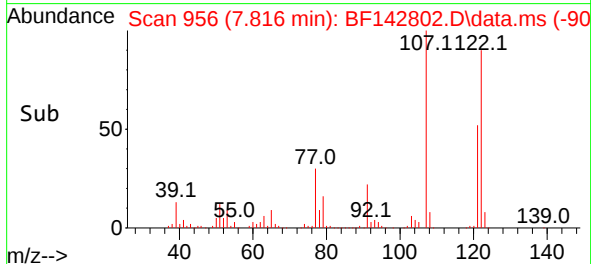
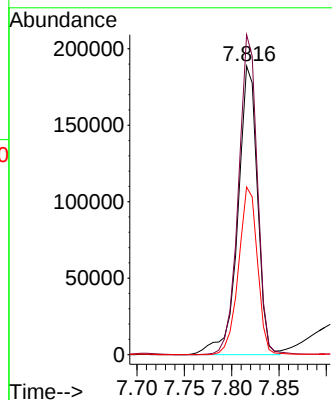
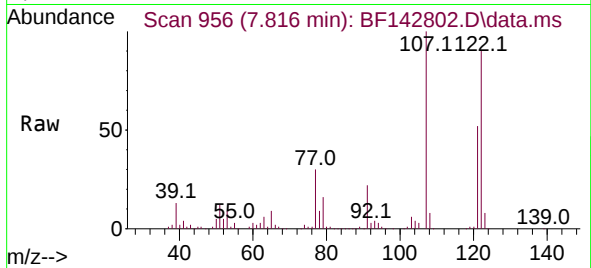




#27
2,4-Dimethylphenol
Concen: 46.236 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

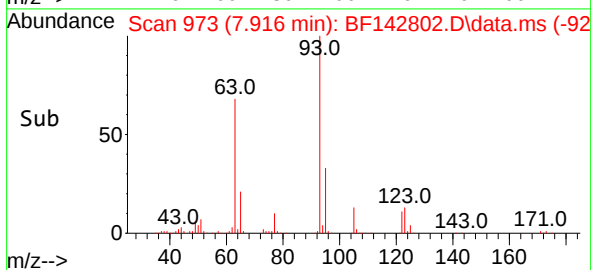
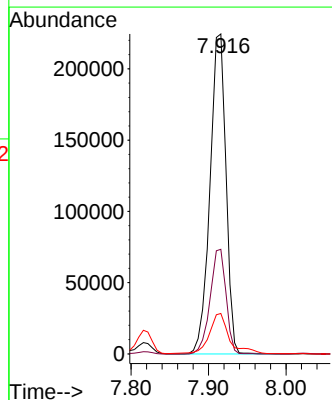
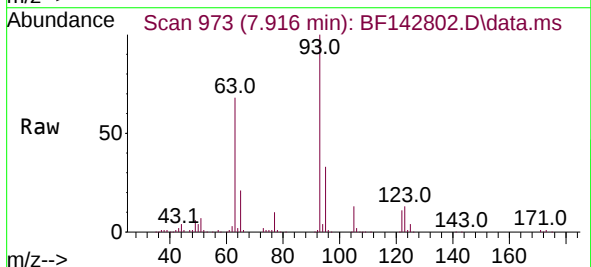
Instrument :
BNA_F
ClientSampleId :
PB168570BS

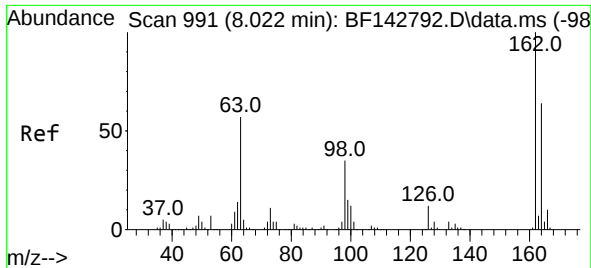
Tgt Ion:122 Resp: 271525
Ion Ratio Lower Upper
122 100
107 110.9 88.0 132.0
121 58.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 45.899 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

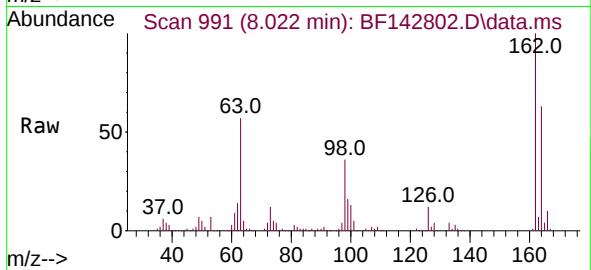
Tgt Ion: 93 Resp: 321875
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 12.6 9.9 14.9



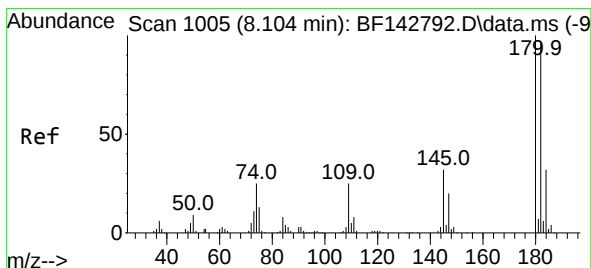
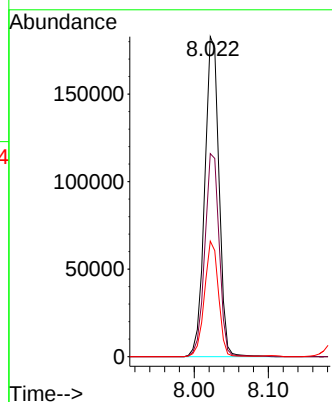
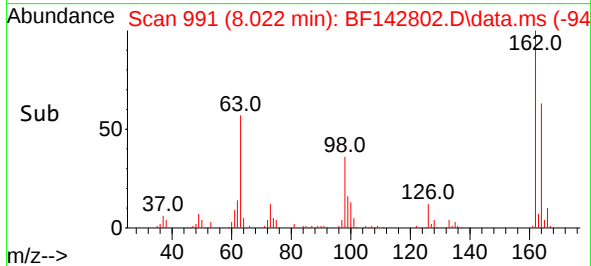


#29
2,4-Dichlorophenol
Concen: 45.850 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

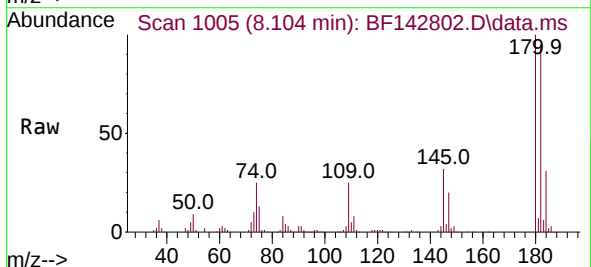
Instrument :
BNA_F
ClientSampleId :
PB168570BS



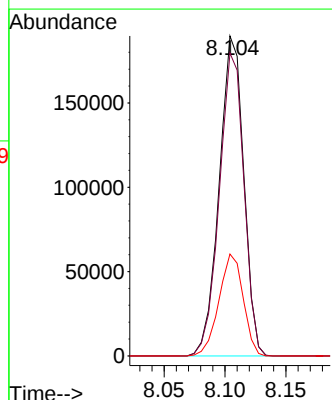
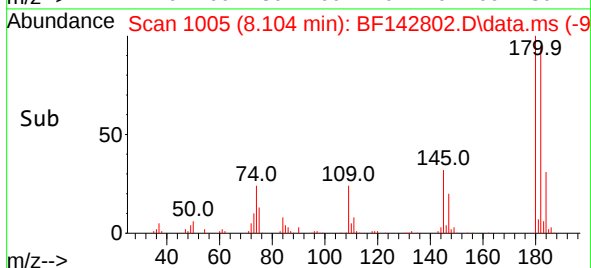
Tgt Ion:162 Resp: 244137
Ion Ratio Lower Upper
162 100
164 63.4 44.0 84.0
98 36.1 15.4 55.4

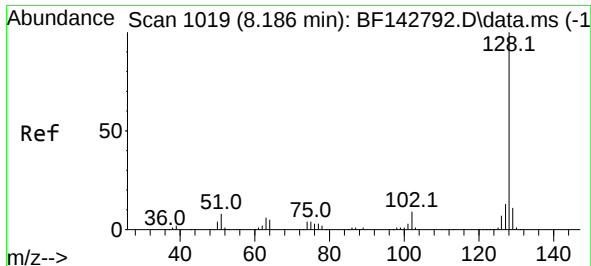


#30
1,2,4-Trichlorobenzene
Concen: 45.360 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42



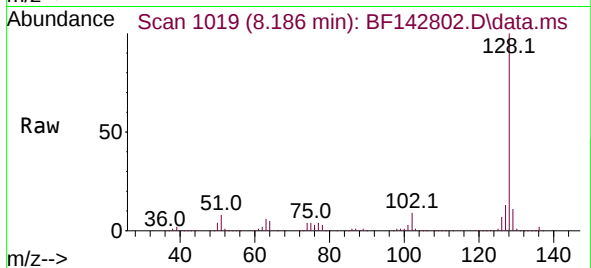
Tgt Ion:180 Resp: 265591
Ion Ratio Lower Upper
180 100
182 94.6 76.4 114.6
145 31.9 25.8 38.8



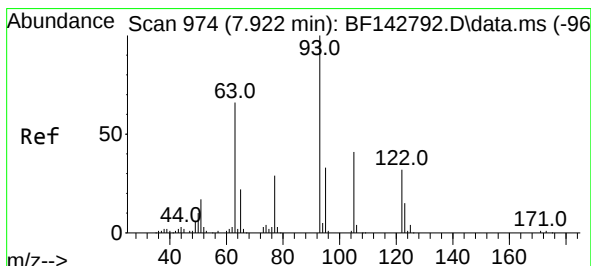
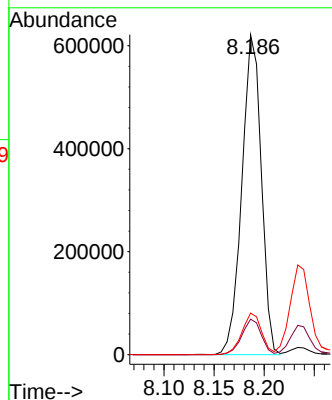
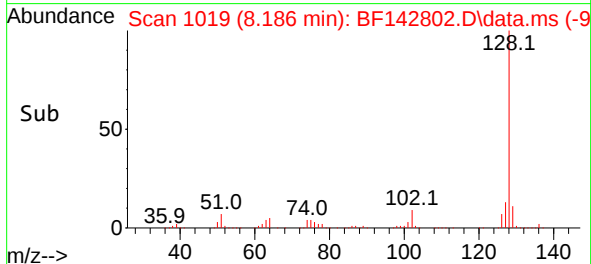


#31
Naphthalene
Concen: 45.227 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

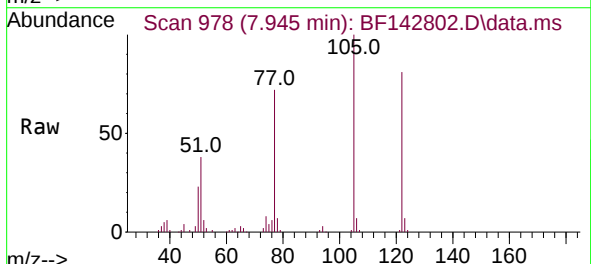
Instrument :
BNA_F
ClientSampleId :
PB168570BS



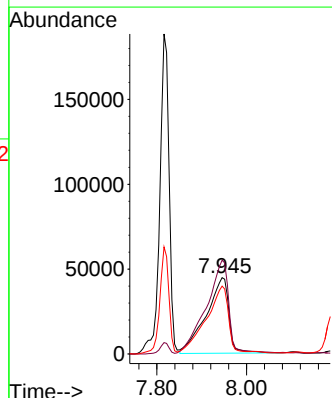
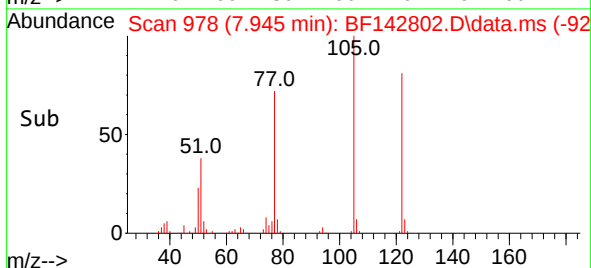
Tgt Ion:128 Resp: 834966
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.4 15.6

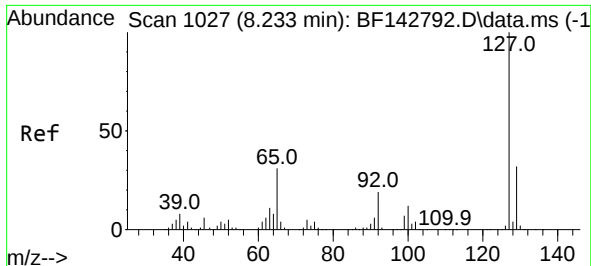


#32
Benzoic acid
Concen: 52.802 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42



Tgt Ion:122 Resp: 158045
Ion Ratio Lower Upper
122 100
105 123.0 104.7 144.7
77 88.9 70.2 110.2



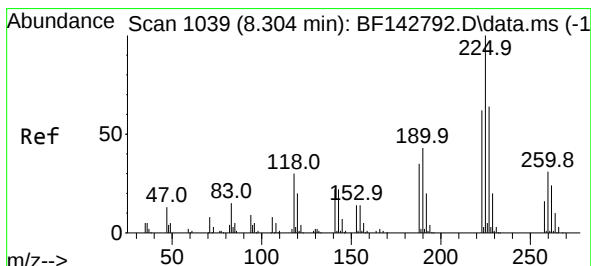
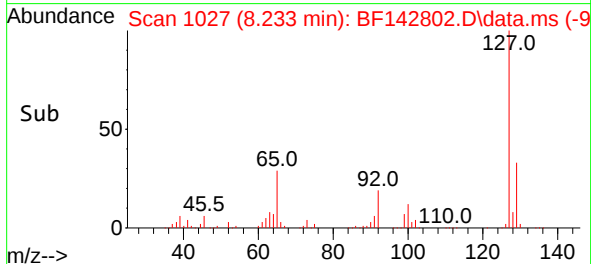
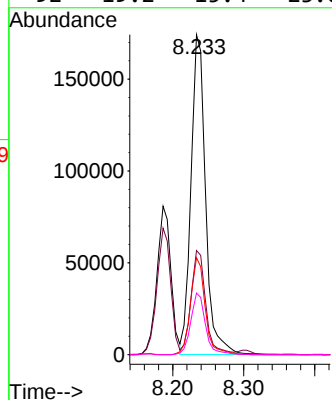
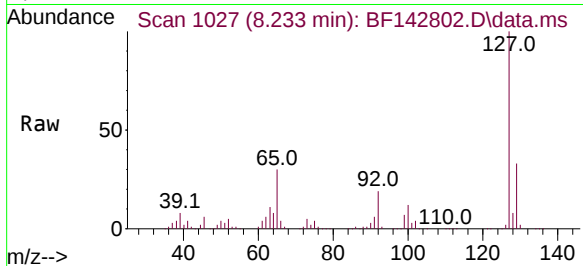


#33
4-Chloroaniline
Concen: 33.159 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168570BS

Tgt Ion:127 Resp: 248920

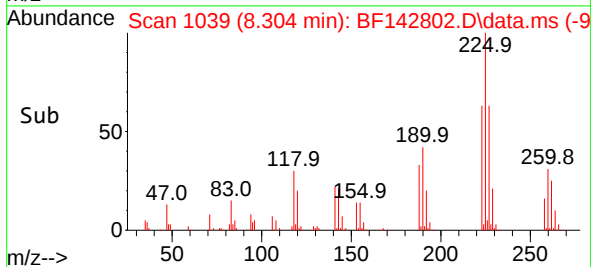
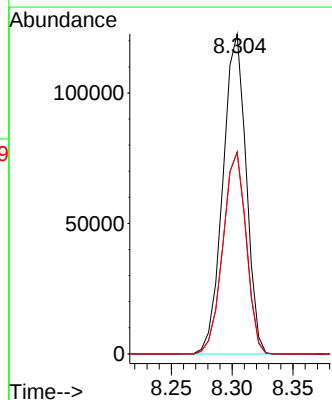
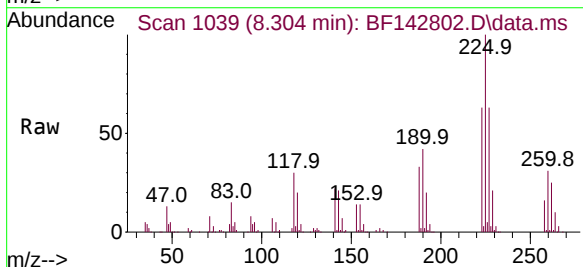
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.3	24.6	36.8
92	19.2	15.4	23.0

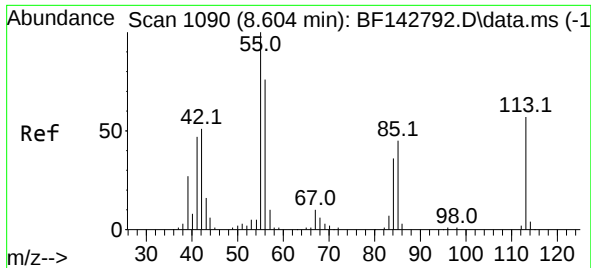


#34
Hexachlorobutadiene
Concen: 45.494 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:225 Resp: 162935

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.9	74.9
227	63.1	51.4	77.0

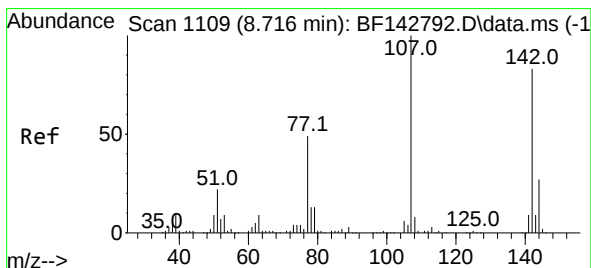
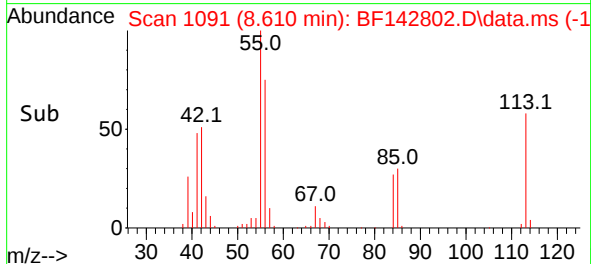
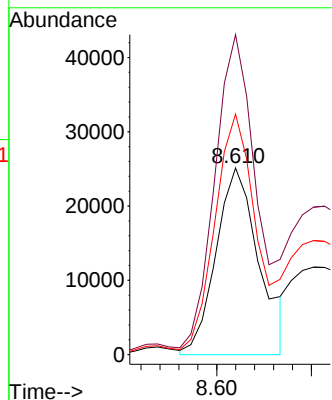
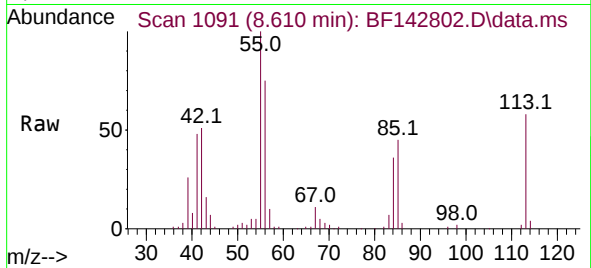




#35
Caprolactam
Concen: 28.144 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

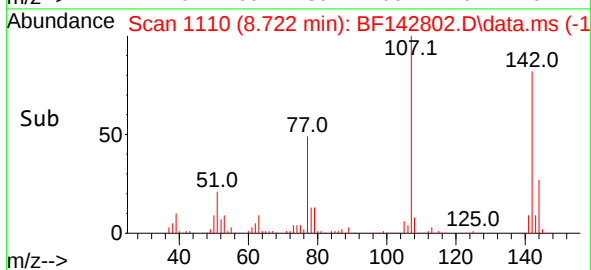
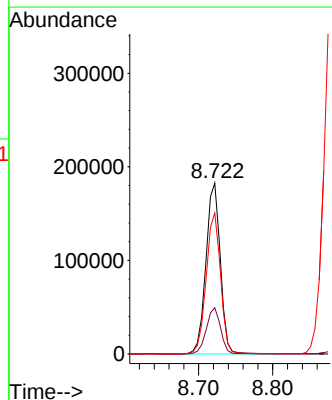
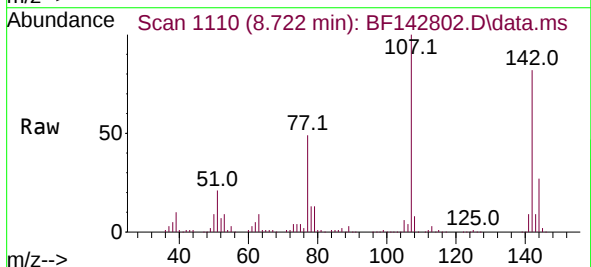
Instrument :
BNA_F
ClientSampleId :
PB168570BS

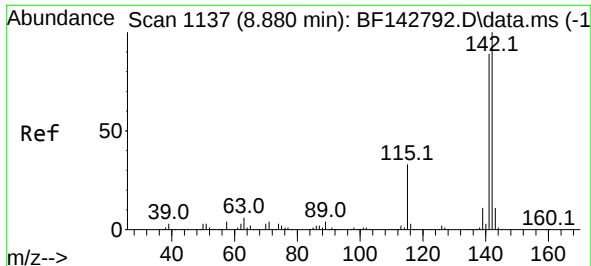
Tgt Ion:113 Resp: 39545
Ion Ratio Lower Upper
113 100
55 171.4 154.4 194.4
56 128.9 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 46.524 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:107 Resp: 246203
Ion Ratio Lower Upper
107 100
144 27.0 21.3 31.9
142 82.4 66.6 100.0





#37

2-Methylnaphthalene

Concen: 44.917 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

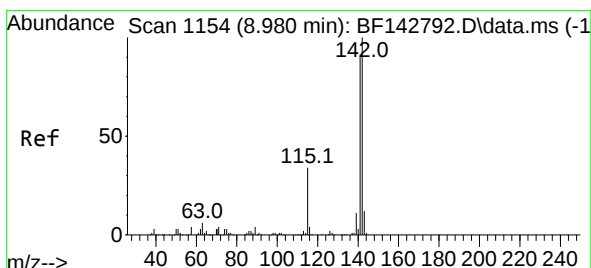
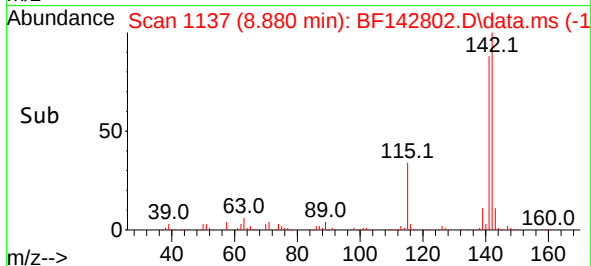
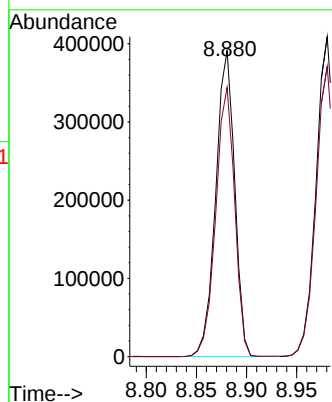
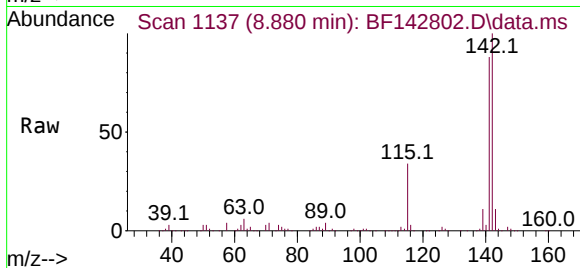
PB168570BS

Tgt Ion:142 Resp: 514099

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 45.371 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF142802.D

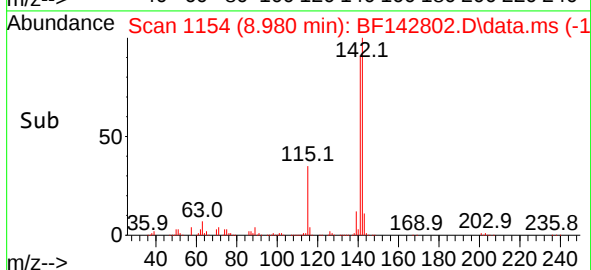
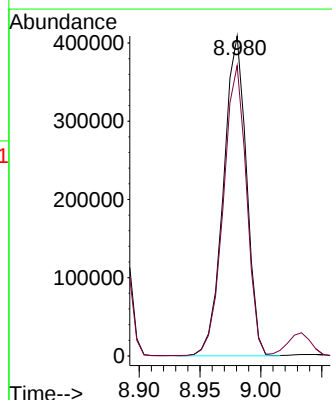
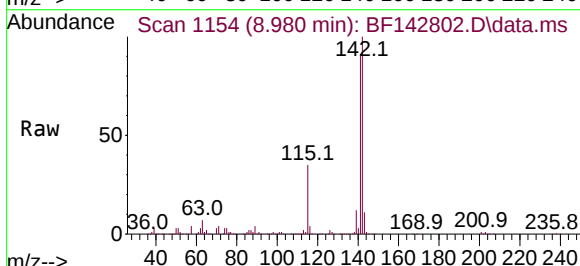
Acq: 23 Jun 2025 12:42

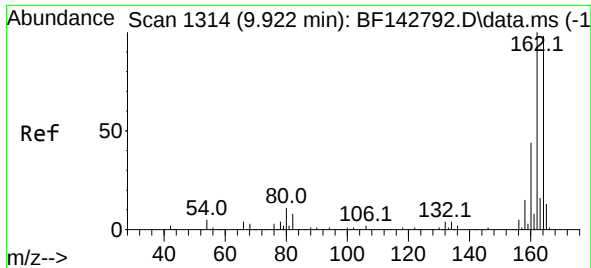
Tgt Ion:142 Resp: 537571

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.4

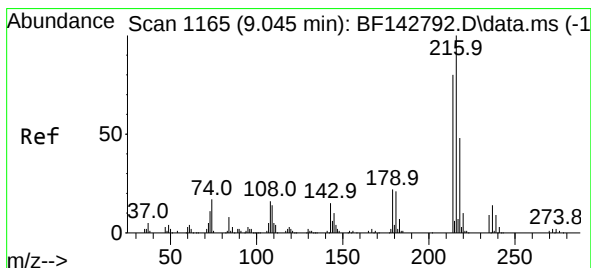
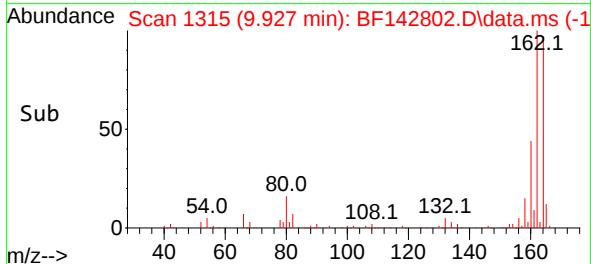
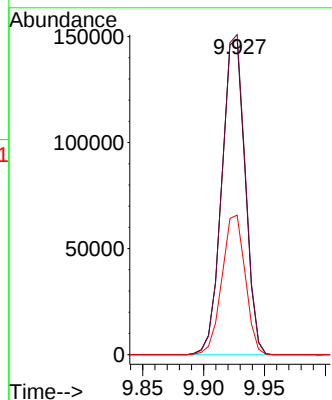
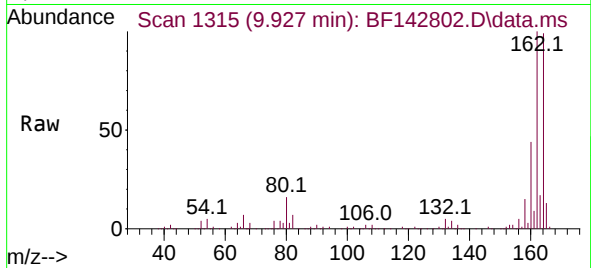




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.927 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: BF142802.D
 Acq: 23 Jun 2025 12:42

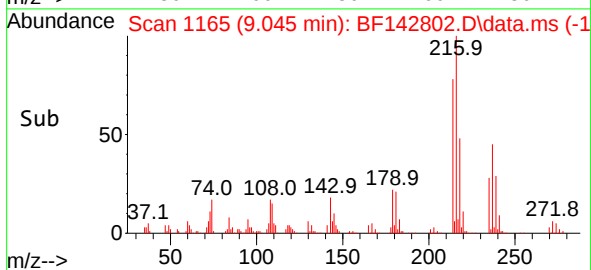
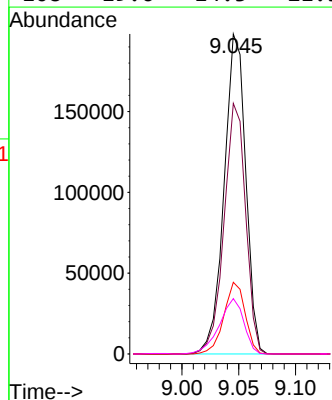
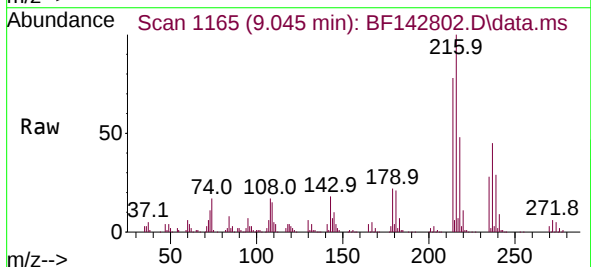
Instrument :
 BNA_F
 ClientSampleId :
 PB168570BS

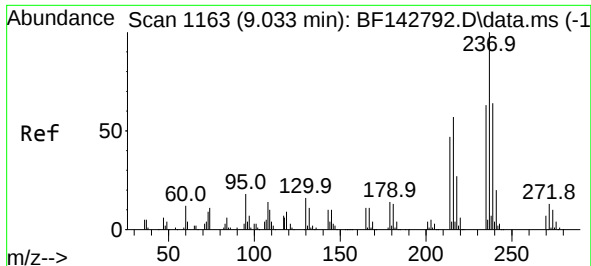
Tgt Ion:164 Resp: 197913
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.8
 160 44.2 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.810 ng
 RT: 9.045 min Scan# 1165
 Delta R.T. -0.000 min
 Lab File: BF142802.D
 Acq: 23 Jun 2025 12:42

Tgt Ion:216 Resp: 261679
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.7 95.5
 179 22.0 17.6 26.4
 108 19.6 14.3 21.5

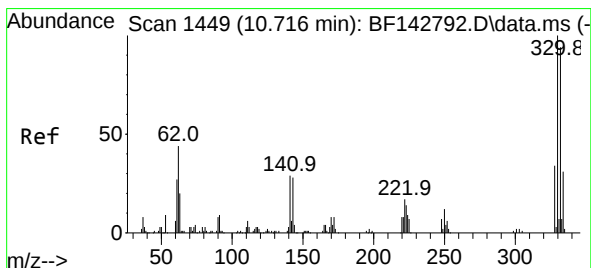
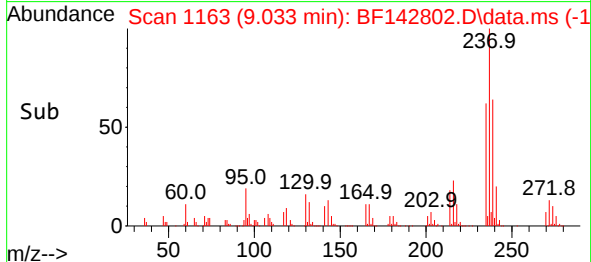
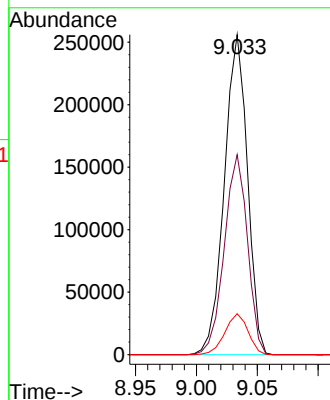
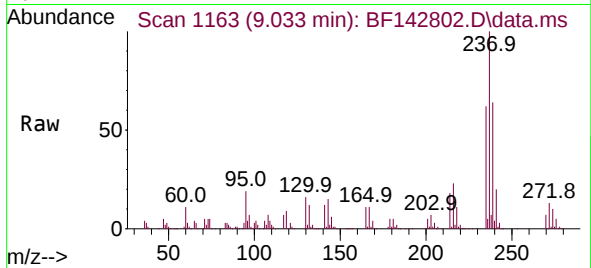




#41
Hexachlorocyclopentadiene
Concen: 102.127 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

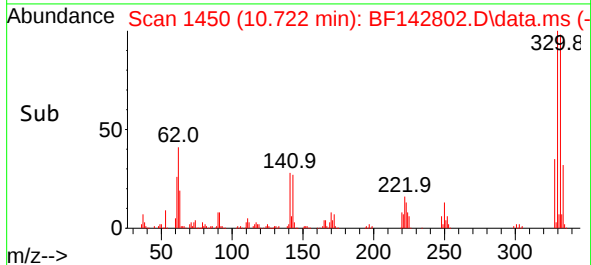
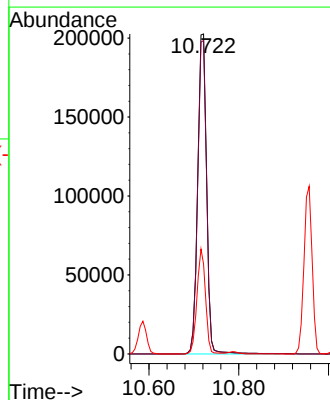
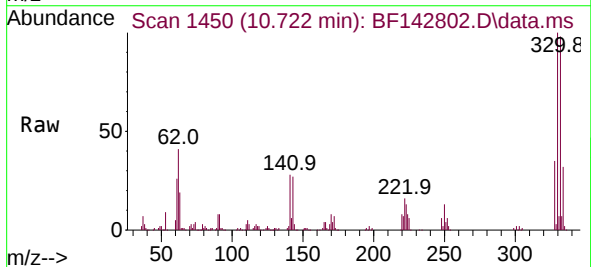
Instrument :
BNA_F
ClientSampleId :
PB168570BS

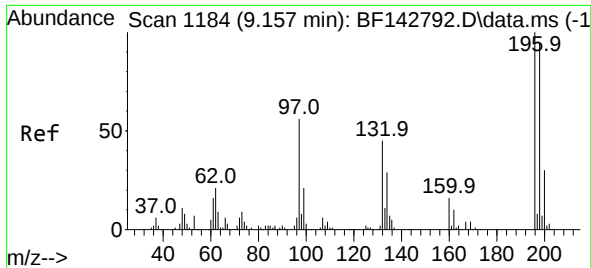
Tgt Ion:237 Resp: 338444
Ion Ratio Lower Upper
237 100
235 62.5 43.4 83.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 137.450 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:330 Resp: 279938
Ion Ratio Lower Upper
330 100
332 97.5 75.0 112.6
141 31.3 25.3 37.9

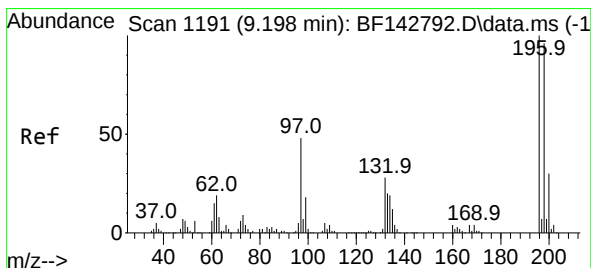
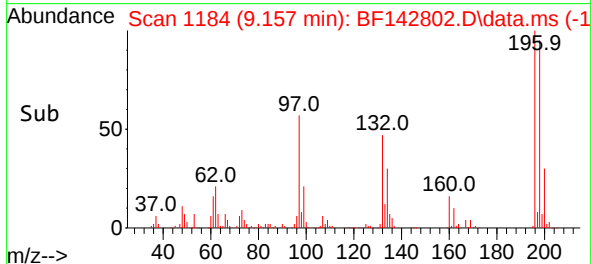
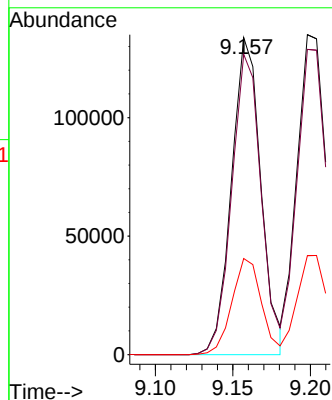
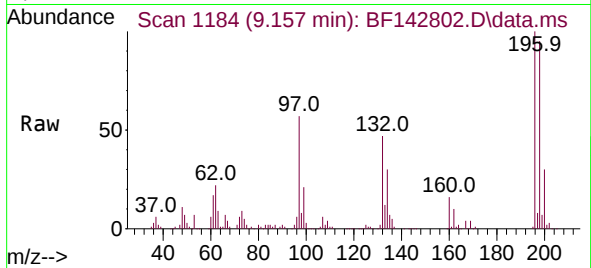




#43
2,4,6-Trichlorophenol
Concen: 46.457 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

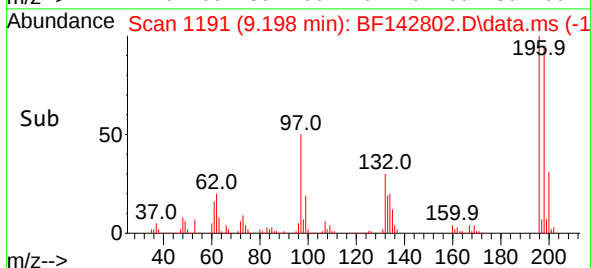
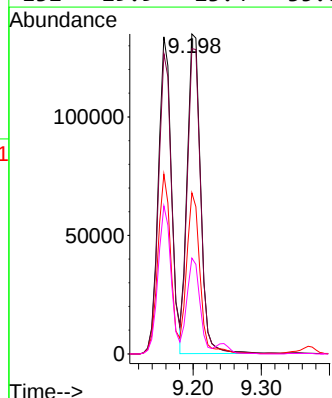
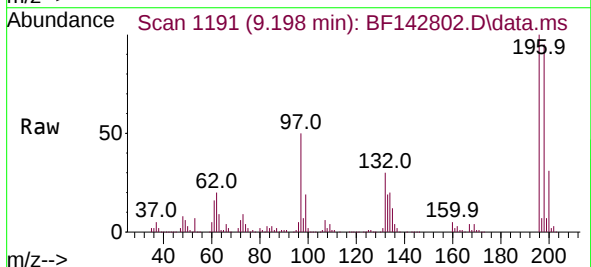
Instrument :
BNA_F
ClientSampleId :
PB168570BS

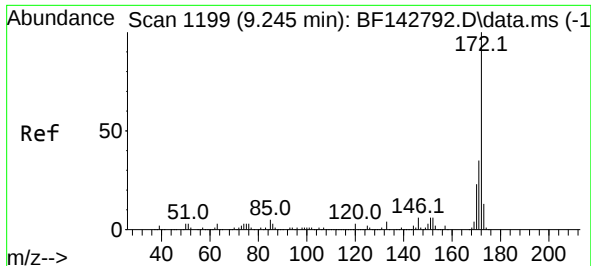
Tgt Ion:196 Resp: 176784
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.3 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 46.145 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:196 Resp: 184846
Ion Ratio Lower Upper
196 100
198 95.4 76.6 115.0
97 50.3 38.2 57.2
132 29.9 23.4 35.0

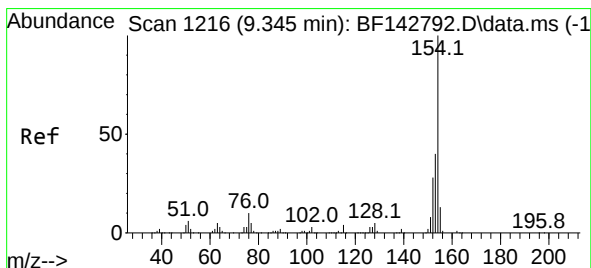
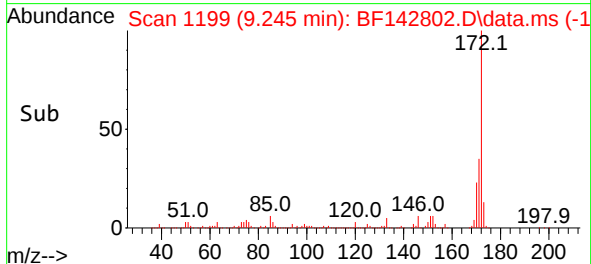
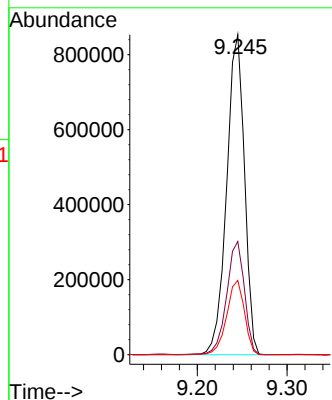
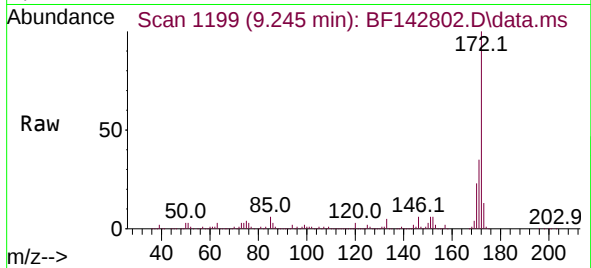




#45
2-Fluorobiphenyl
Concen: 78.434 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

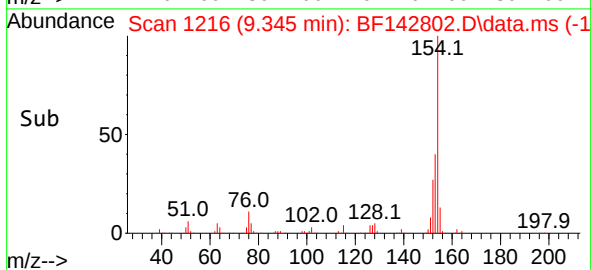
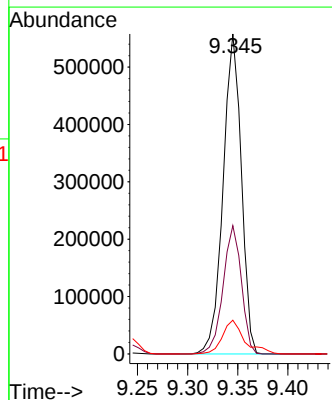
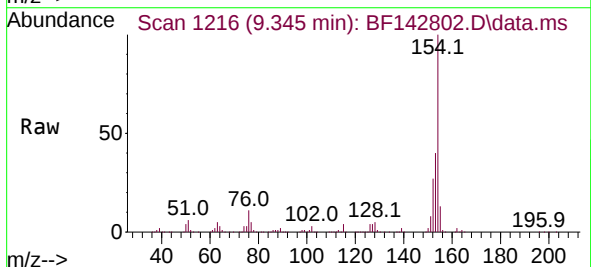
Instrument :
BNA_F
ClientSampleId :
PB168570BS

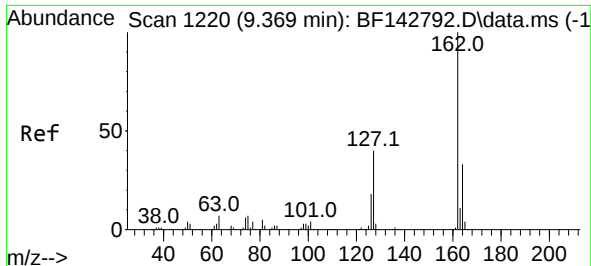
Tgt Ion:172 Resp: 1181659
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.204 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:154 Resp: 706725
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 10.5 0.0 30.3

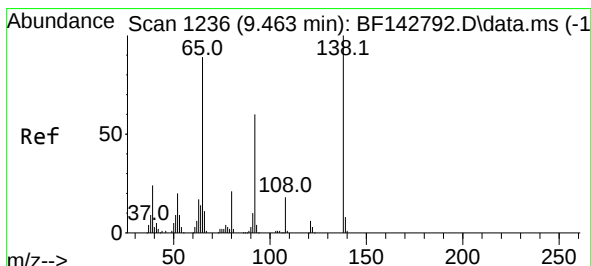
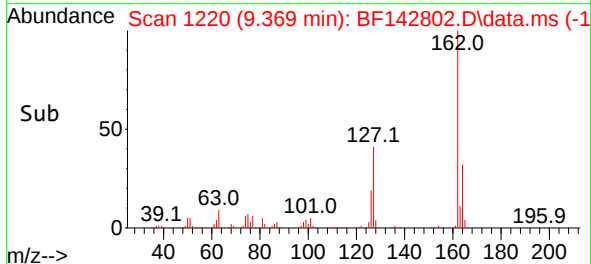
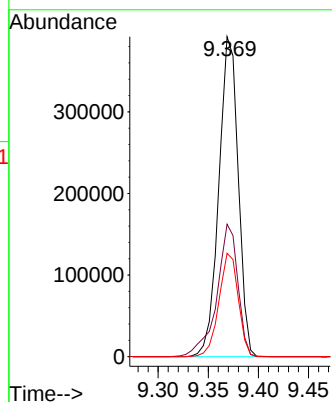
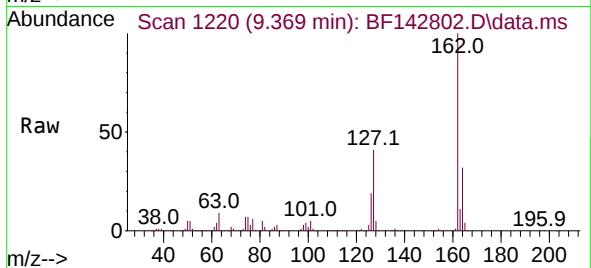




#47
2-Chloronaphthalene
Concen: 44.976 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

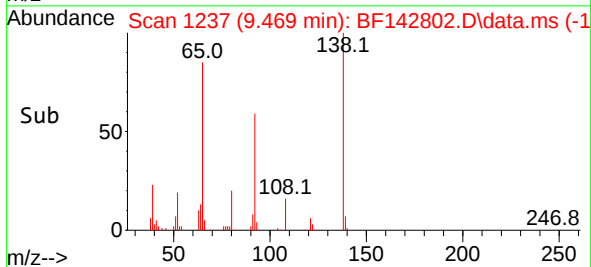
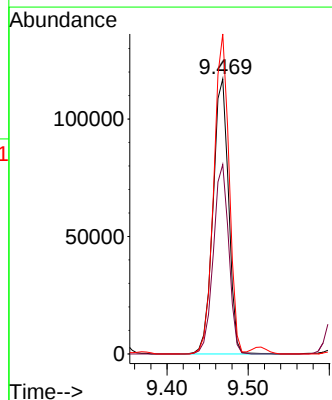
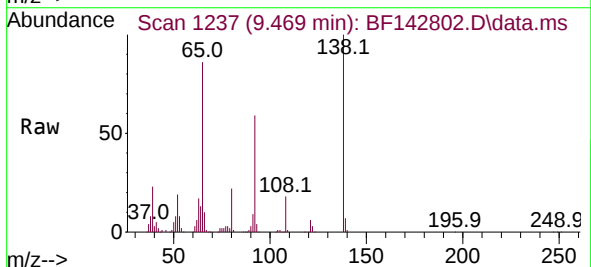
Instrument :
BNA_F
ClientSampleId :
PB168570BS

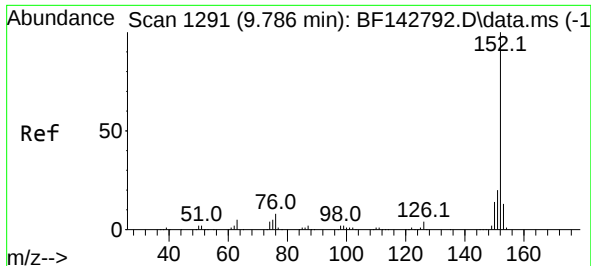
Tgt Ion:162 Resp: 527670
Ion Ratio Lower Upper
162 100
127 41.4 32.2 48.2
164 32.3 26.1 39.1



#48
2-Nitroaniline
Concen: 47.329 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

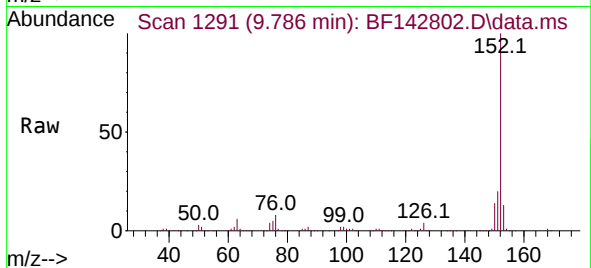
Tgt Ion: 65 Resp: 155675
Ion Ratio Lower Upper
65 100
92 68.9 53.8 80.6
138 116.4 89.6 134.4



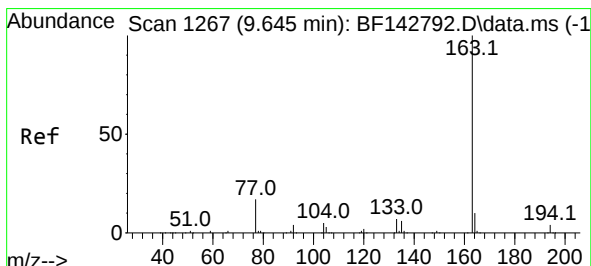
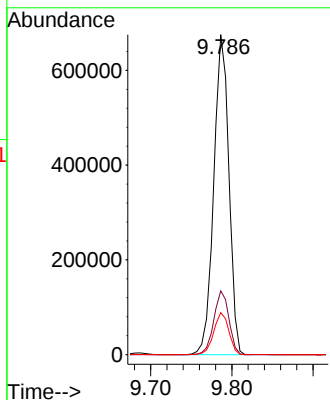
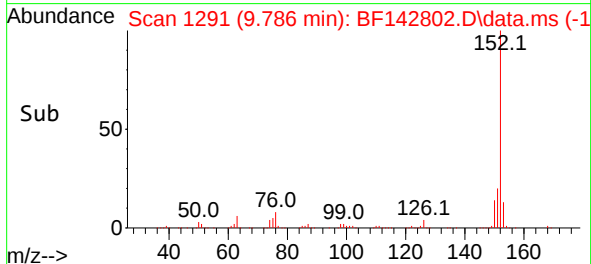


#49
Acenaphthylene
Concen: 45.215 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

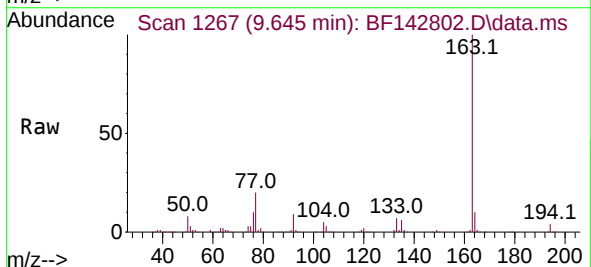
Instrument :
BNA_F
ClientSampleId :
PB168570BS



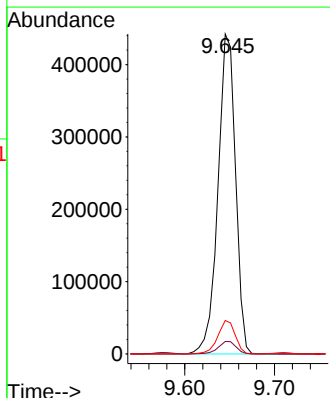
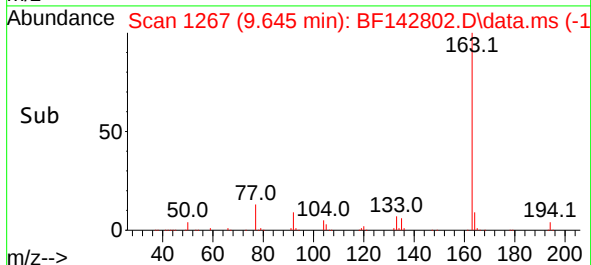
Tgt Ion:152 Resp: 873271
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.4 15.6

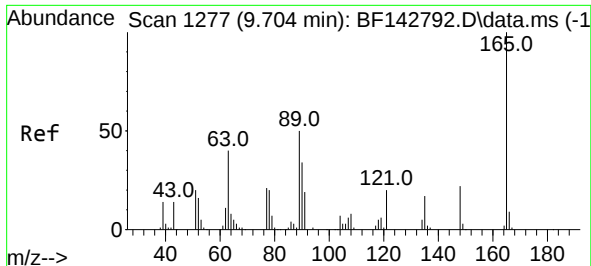


#50
Dimethylphthalate
Concen: 47.215 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42



Tgt Ion:163 Resp: 604877
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.0 12.0

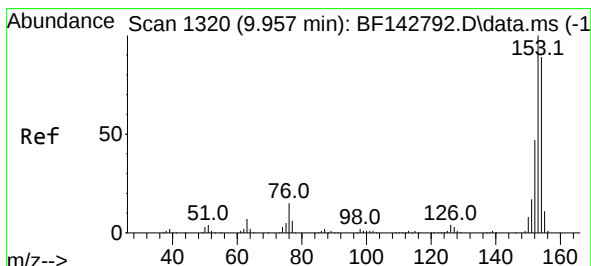
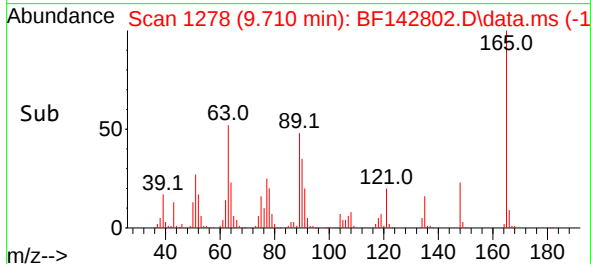
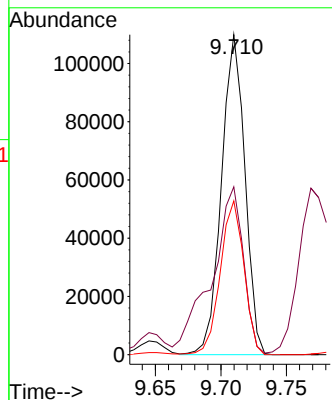
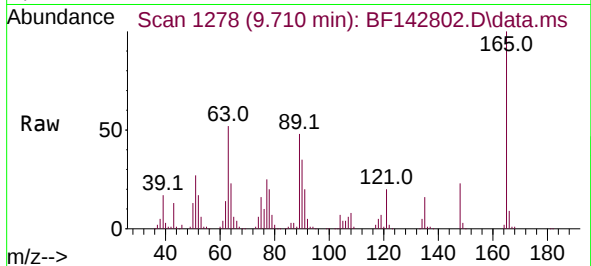




#51
2,6-Dinitrotoluene
Concen: 48.564 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

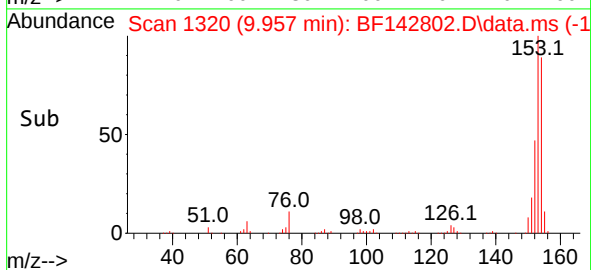
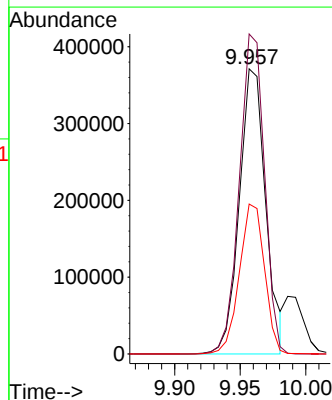
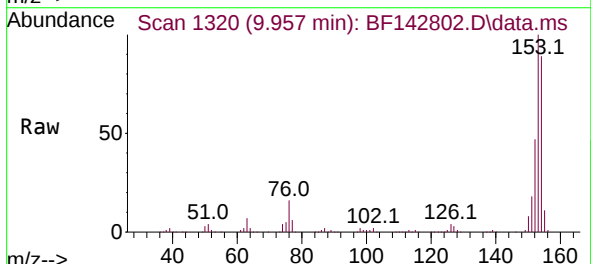
Instrument :
BNA_F
ClientSampleId :
PB168570BS

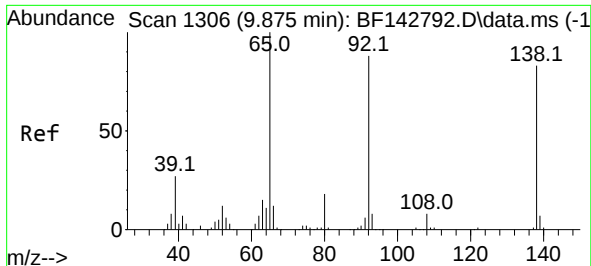
Tgt Ion:165 Resp: 136632
Ion Ratio Lower Upper
165 100
63 52.4 44.2 66.4
89 48.0 39.8 59.8



#52
Acenaphthene
Concen: 44.044 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:154 Resp: 519002
Ion Ratio Lower Upper
154 100
153 112.2 90.0 135.0
152 52.5 41.9 62.9

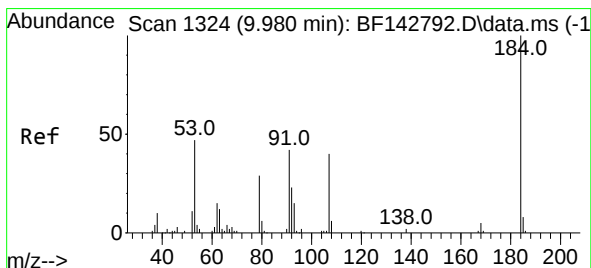
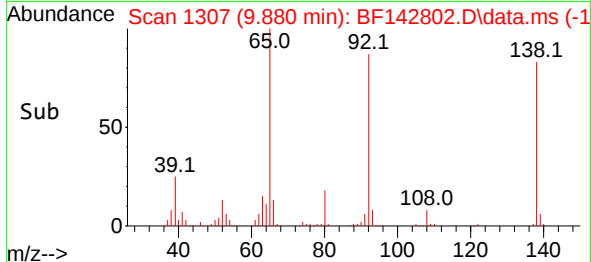
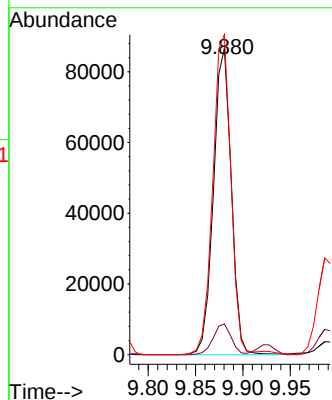
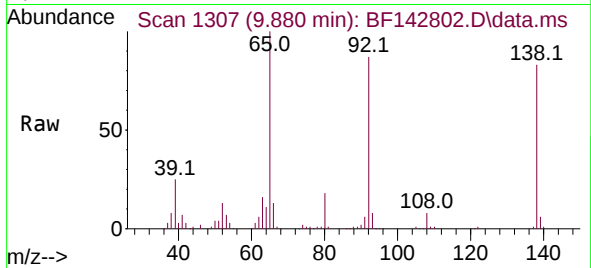




#53
3-Nitroaniline
Concen: 36.569 ng
RT: 9.880 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

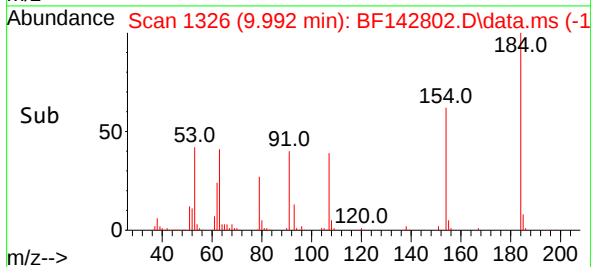
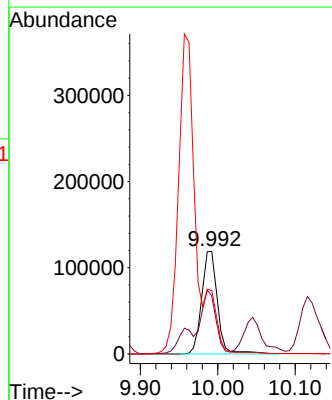
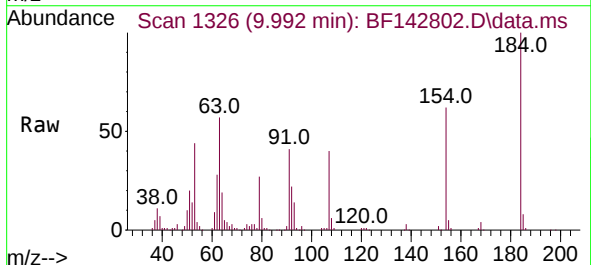
Instrument :
BNA_F
ClientSampleId :
PB168570BS

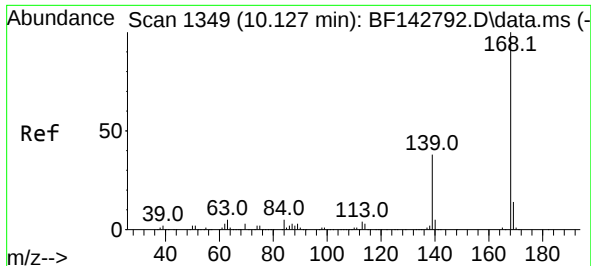
Tgt Ion:138 Resp: 113275
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 104.4 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 119.448 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:184 Resp: 168270
Ion Ratio Lower Upper
184 100
63 56.8 50.6 75.8
154 61.9 51.8 77.8

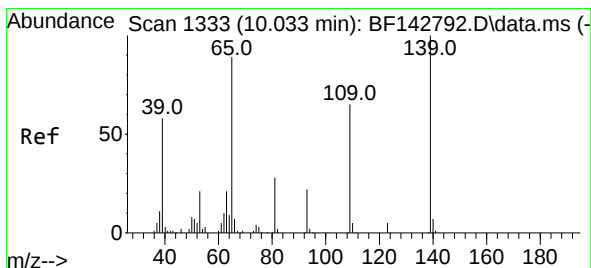
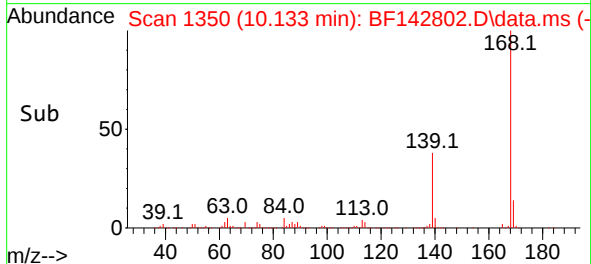
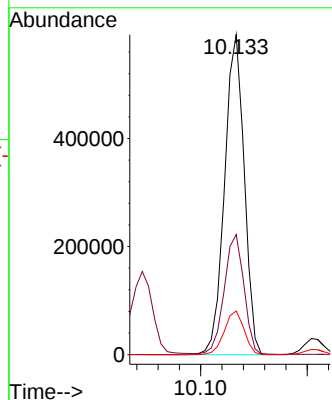
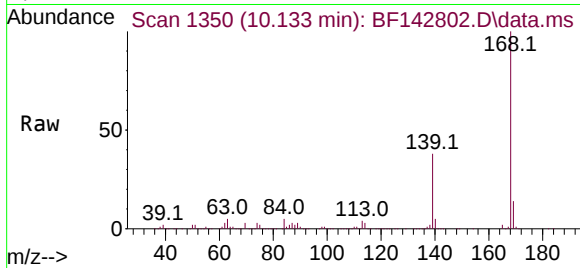




#55
Dibenzofuran
Concen: 44.835 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

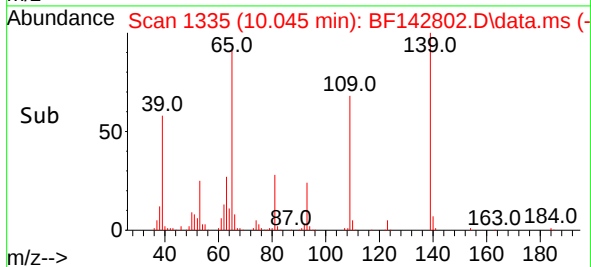
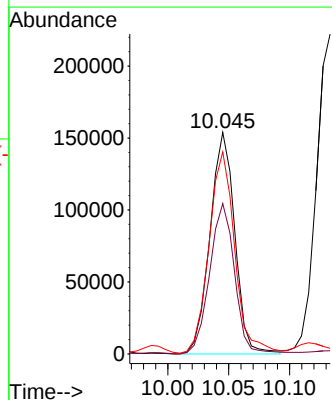
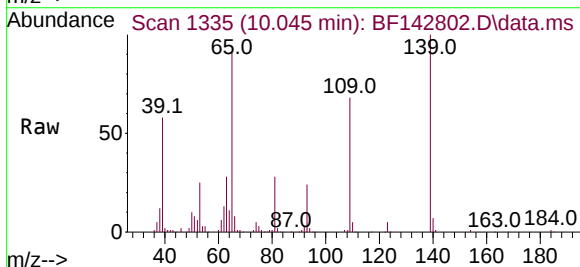
Instrument :
BNA_F
ClientSampleId :
PB168570BS

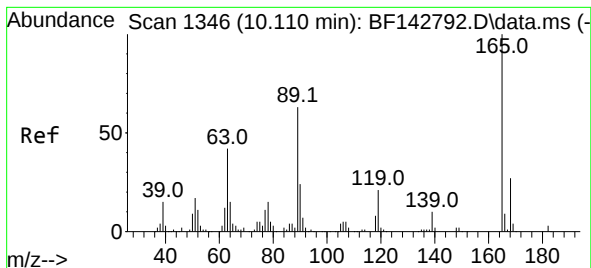
Tgt Ion:168 Resp: 757597
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 102.833 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:139 Resp: 218070
Ion Ratio Lower Upper
139 100
109 67.9 44.7 84.7
65 91.2 69.8 109.8

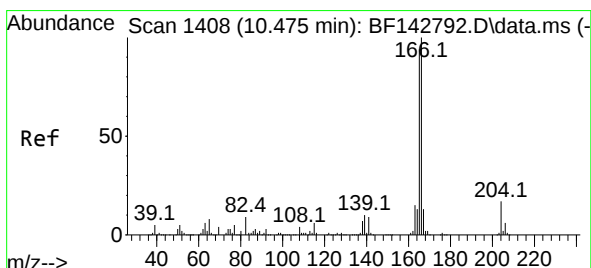
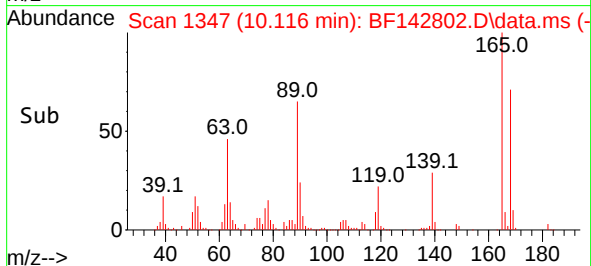
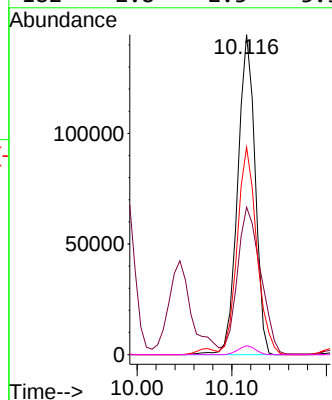
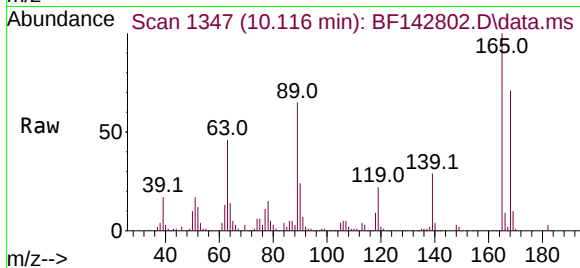




#57
2,4-Dinitrotoluene
Concen: 49.524 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

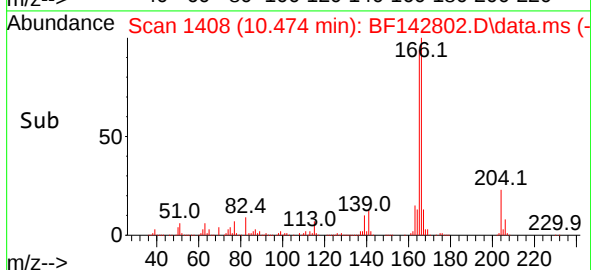
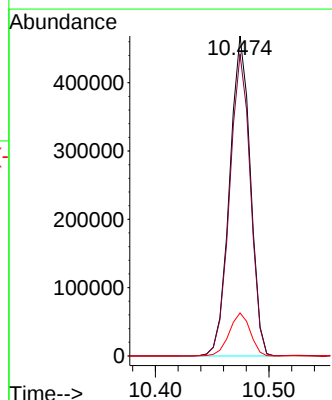
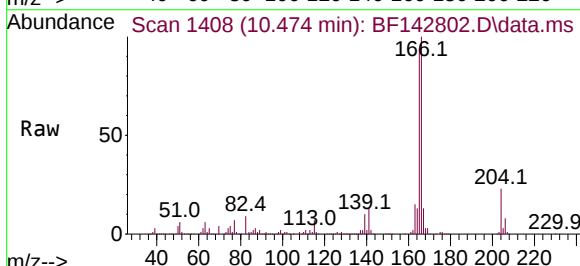
Instrument :
BNA_F
ClientSampleId :
PB168570BS

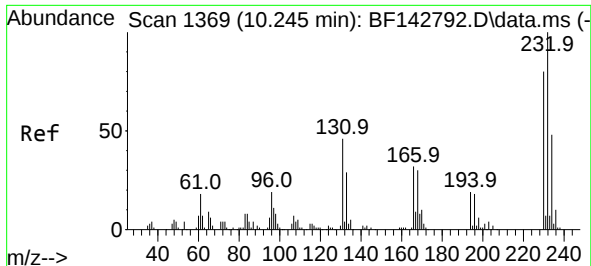
Tgt Ion:165 Resp: 185074
Ion Ratio Lower Upper
165 100
63 46.1 33.9 50.9
89 64.8 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 44.969 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:166 Resp: 593444
Ion Ratio Lower Upper
166 100
165 94.3 75.2 112.8
167 13.4 10.6 15.8

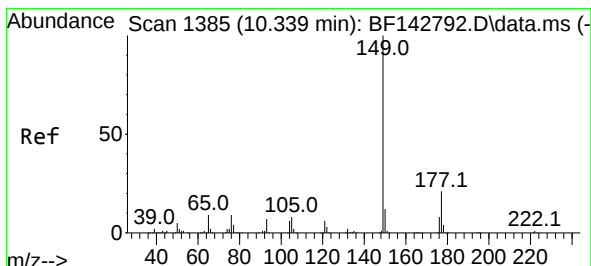
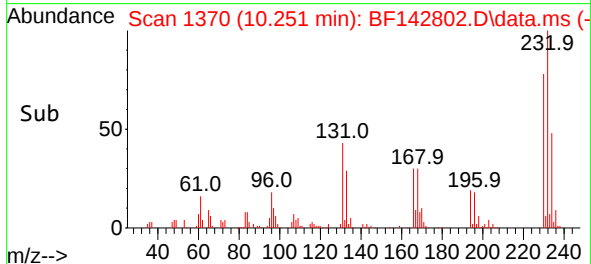
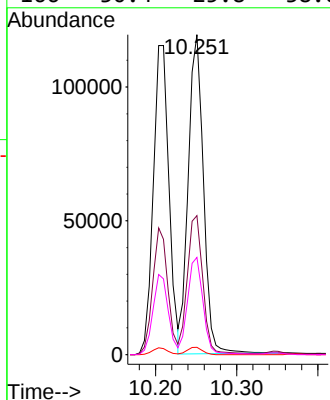
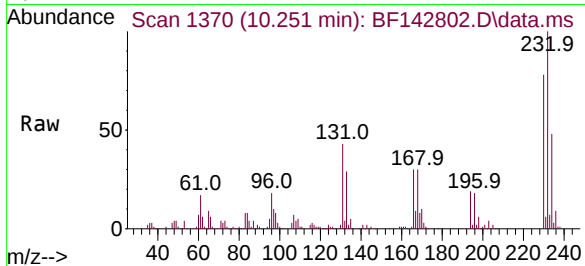




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.018 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

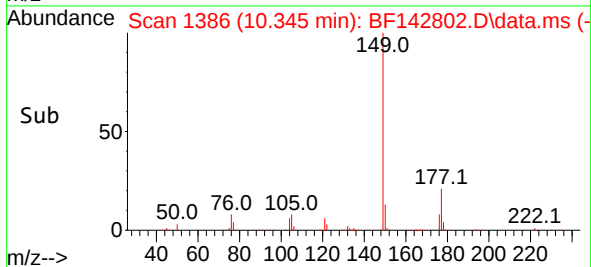
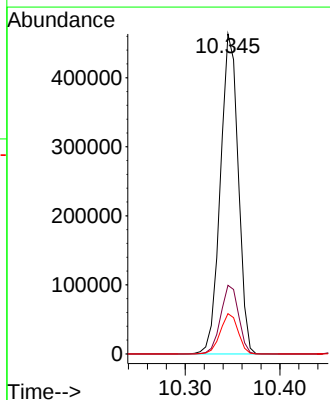
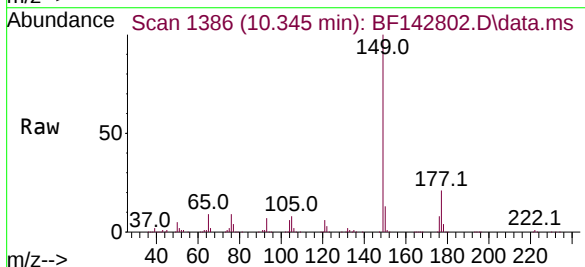
Instrument :
BNA_F
ClientSampleId :
PB168570BS

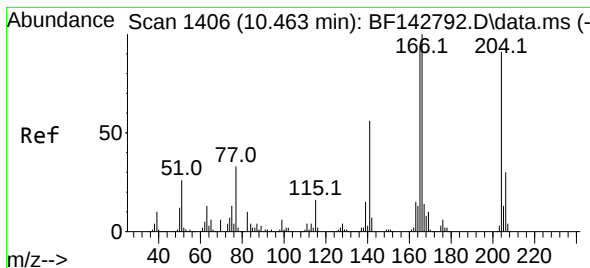
Tgt Ion:232 Resp: 155046
Ion Ratio Lower Upper
232 100
131 44.5 37.6 56.4
130 2.3 1.7 2.5
166 30.4 25.8 38.6



#60
Diethylphthalate
Concen: 48.175 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:149 Resp: 605131
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.6 9.8 14.6

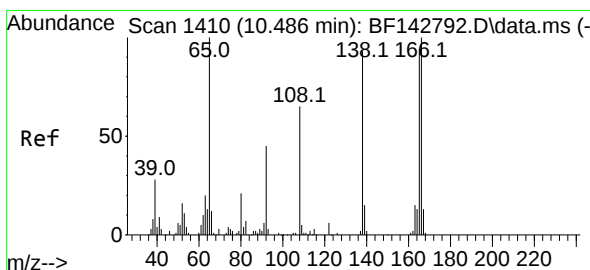
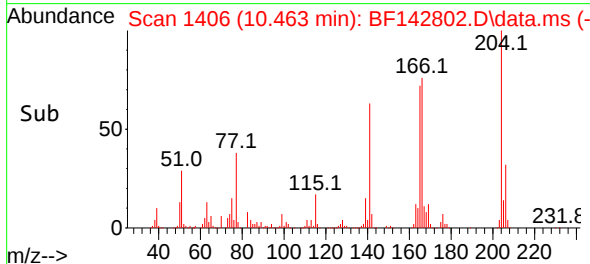
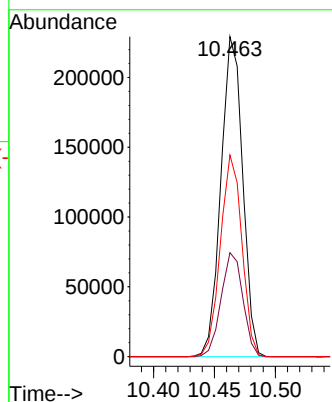
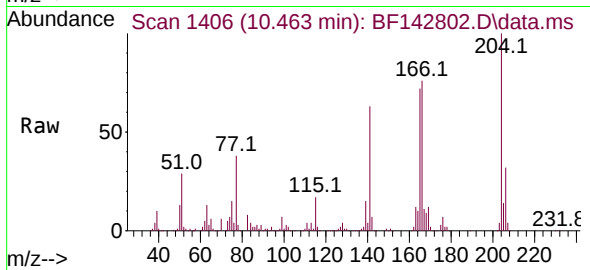




#61
4-Chlorophenyl-phenylether
Concen: 45.322 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

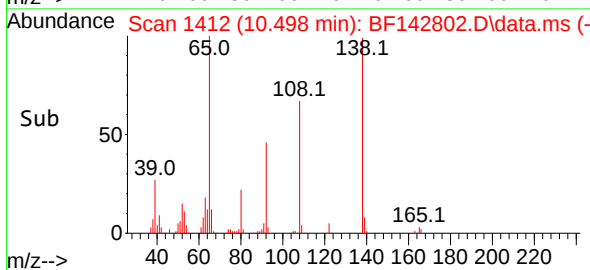
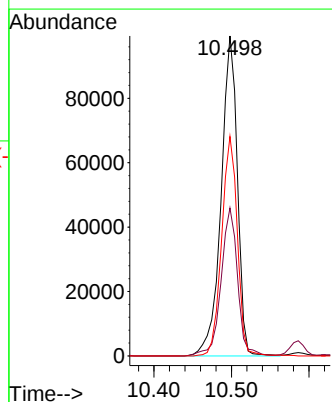
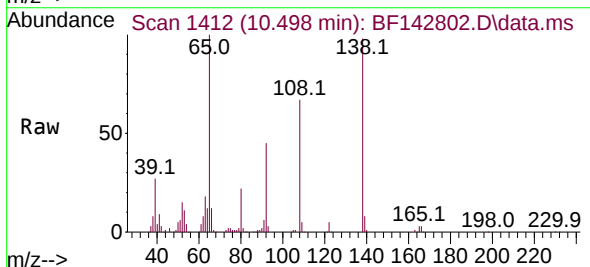
Instrument :
BNA_F
ClientSampleId :
PB168570BS

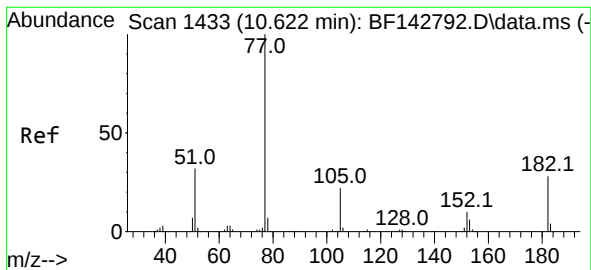
Tgt Ion:204 Resp: 285404
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 63.0 49.1 73.7



#62
4-Nitroaniline
Concen: 51.304 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:138 Resp: 145343
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 68.6 50.2 90.2





#63

Azobenzene

Concen: 46.555 ng

RT: 10.627 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

Tgt Ion: 77 Resp: 522648

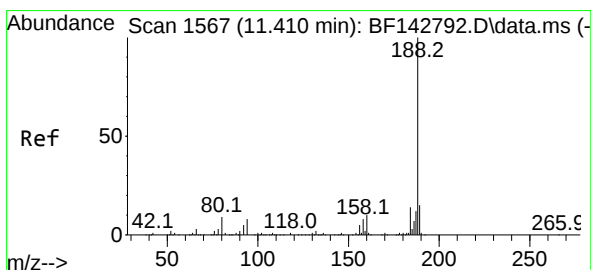
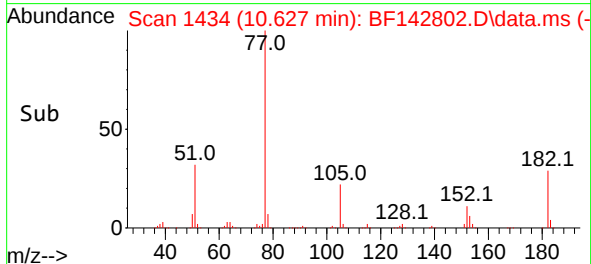
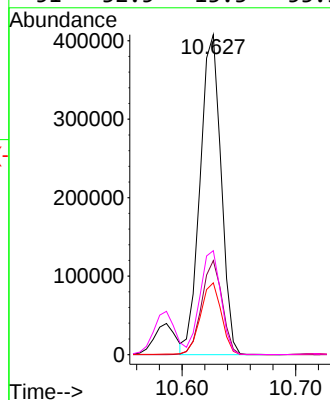
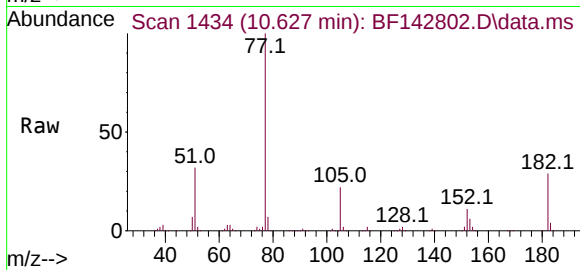
Ion Ratio Lower Upper

77 100

182 29.4 7.7 47.7

105 22.4 1.9 41.9

51 32.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

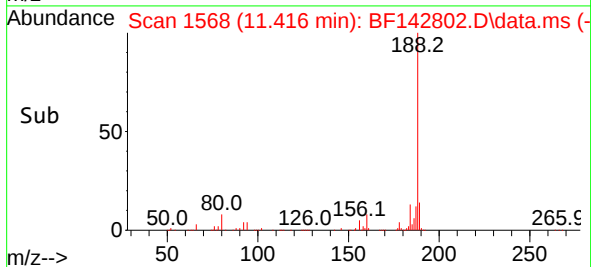
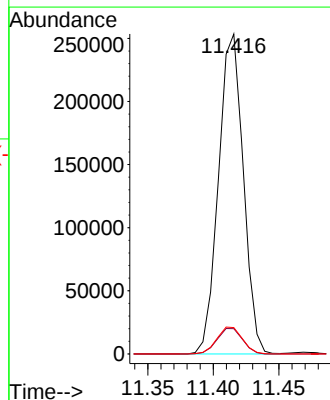
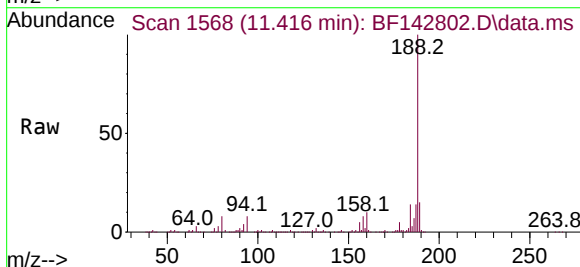
Tgt Ion:188 Resp: 334238

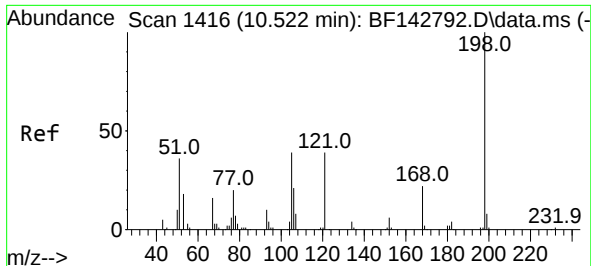
Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.3 6.9 10.3

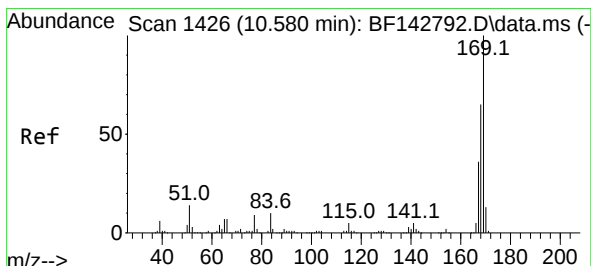
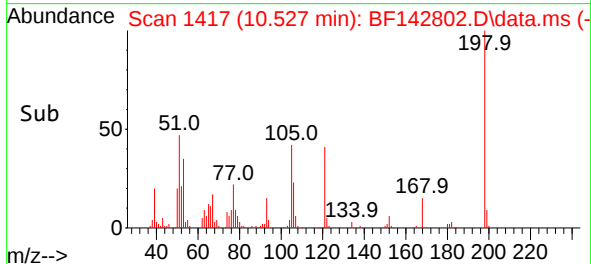
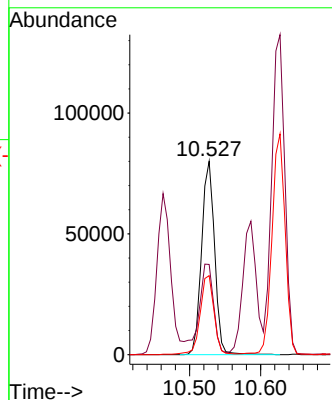
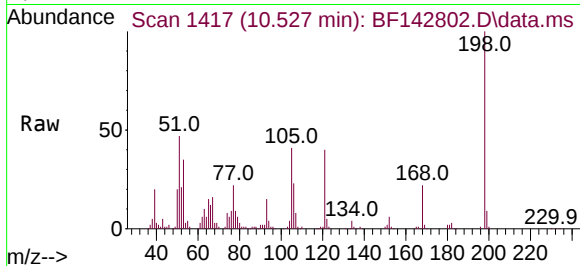




#65
4,6-Dinitro-2-methylphenol
Concen: 50.089 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

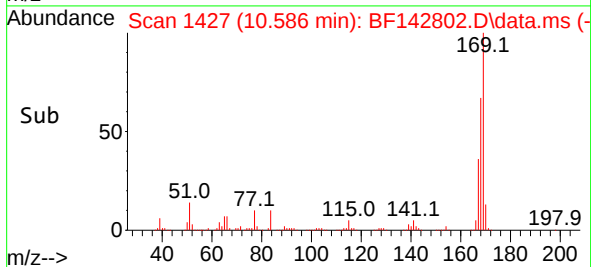
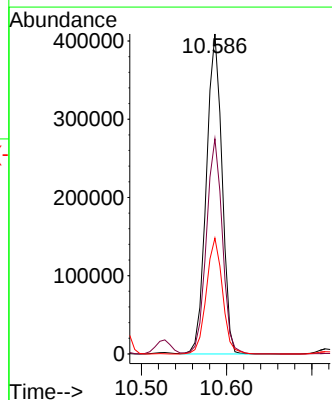
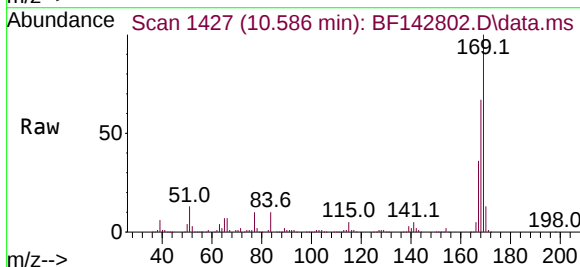
Instrument :
BNA_F
ClientSampleId :
PB168570BS

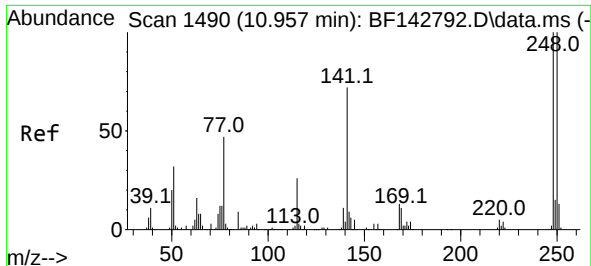
Tgt Ion:198 Resp: 101264
Ion Ratio Lower Upper
198 100
51 46.6 25.4 65.4
105 40.8 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 45.048 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:169 Resp: 521827
Ion Ratio Lower Upper
169 100
168 67.2 51.9 77.9
167 36.2 28.5 42.7

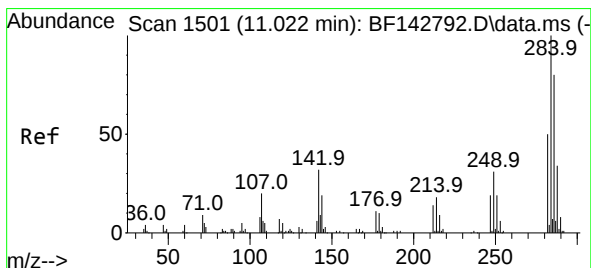
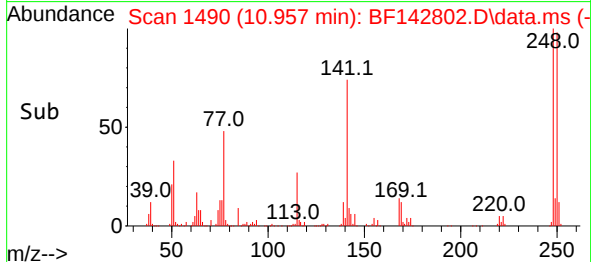
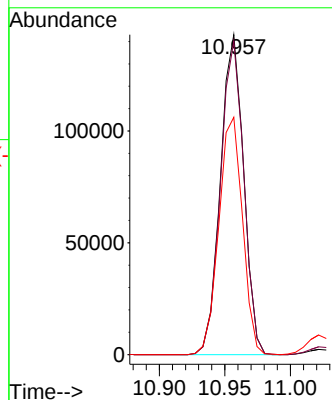
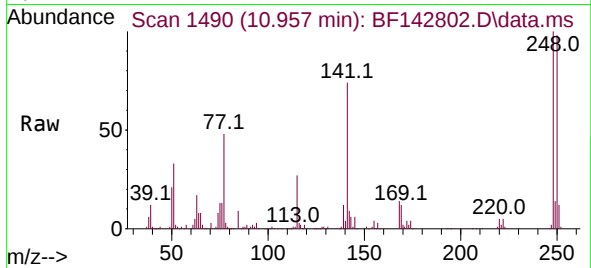




#67
4-Bromophenyl-phenylether
Concen: 46.404 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

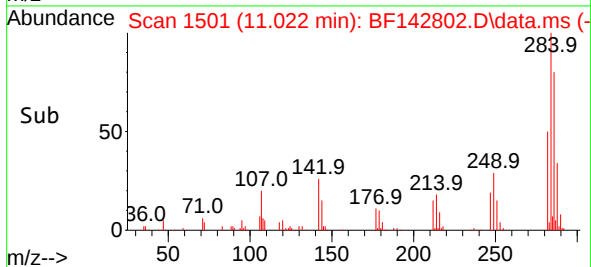
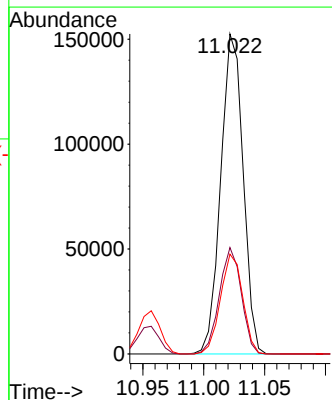
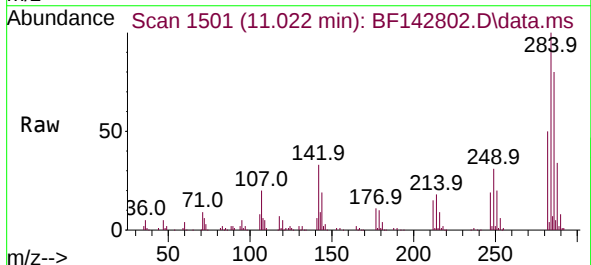
Instrument :
BNA_F
ClientSampleId :
PB168570BS

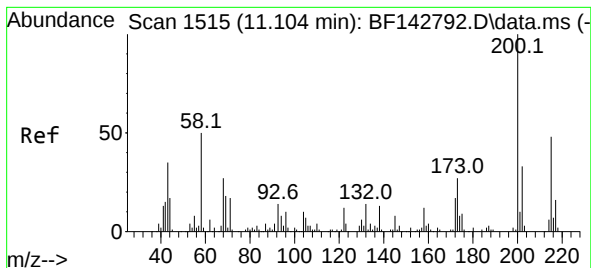
Tgt Ion:248 Resp: 176520
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 74.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 46.113 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:284 Resp: 194911
Ion Ratio Lower Upper
284 100
142 33.2 25.5 38.3
249 31.2 24.9 37.3





#69

Atrazine

Concen: 52.883 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

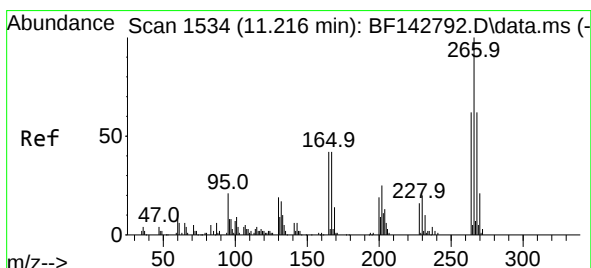
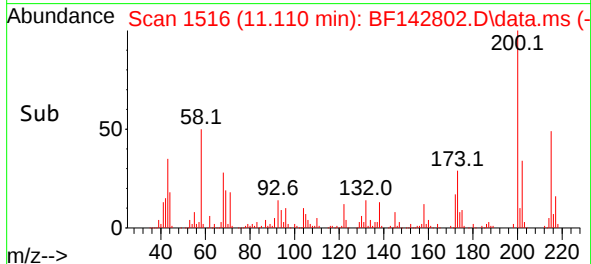
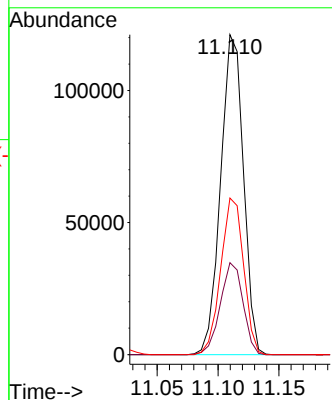
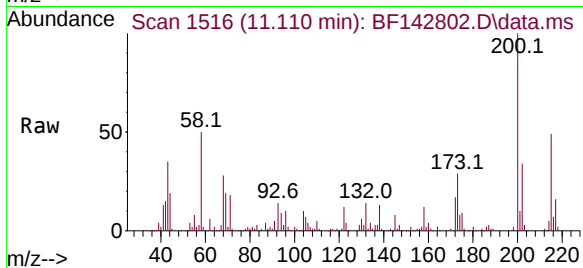
Tgt Ion:200 Resp: 158189

Ion Ratio Lower Upper

200 100

173 28.7 7.4 47.4

215 48.9 28.4 68.4



#70

Pentachlorophenol

Concen: 102.155 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

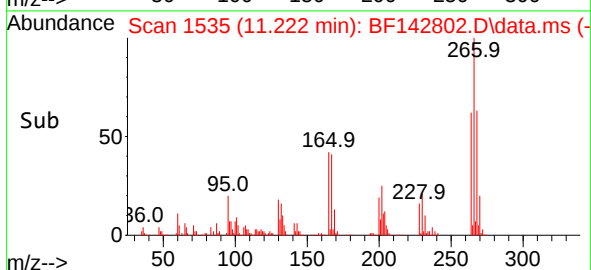
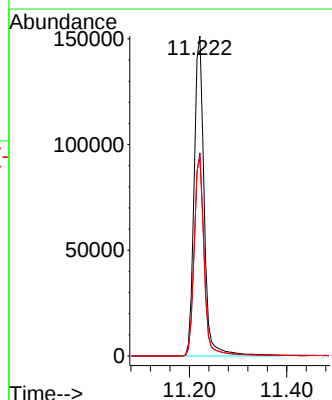
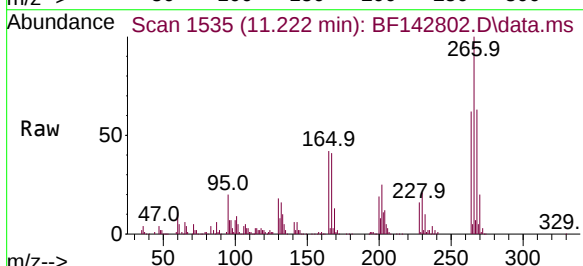
Tgt Ion:266 Resp: 215162

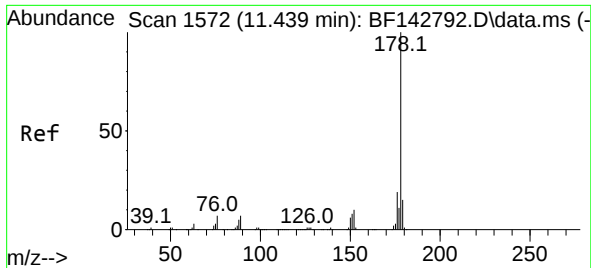
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.8

264 62.1 49.9 74.9

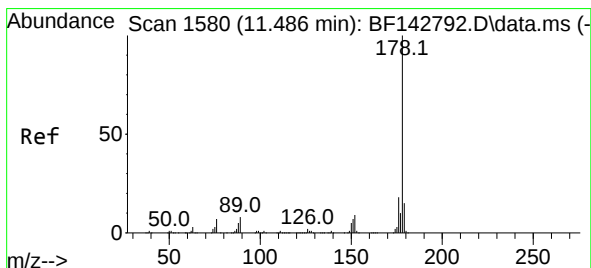
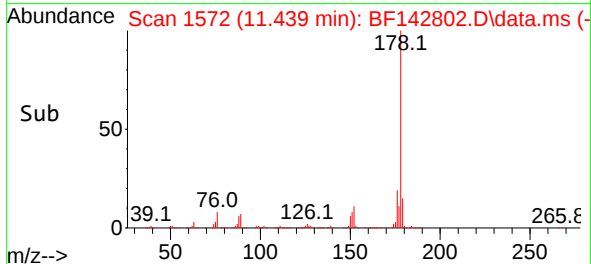
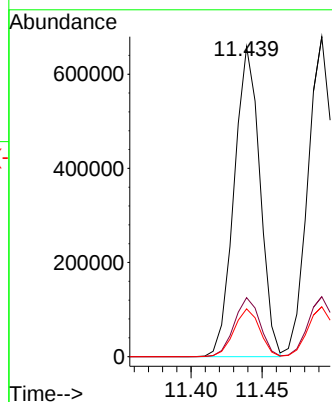
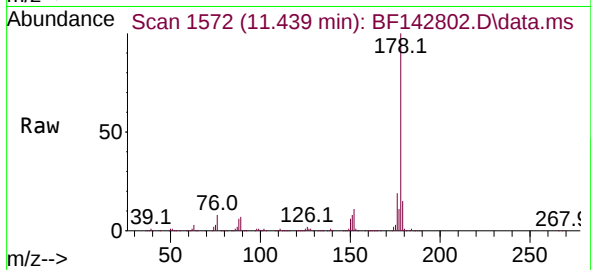




#71
Phenanthrene
Concen: 45.737 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

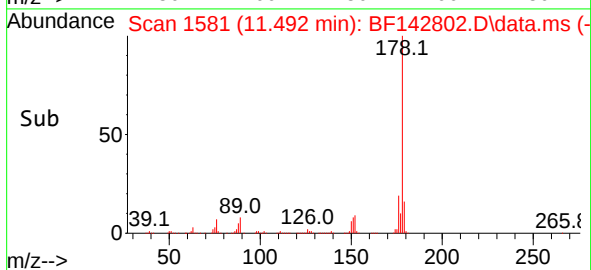
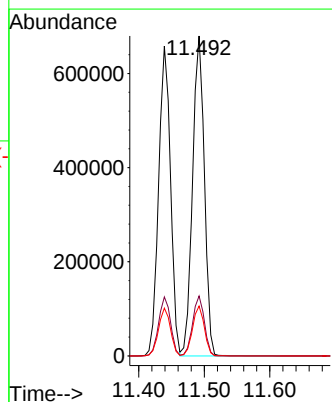
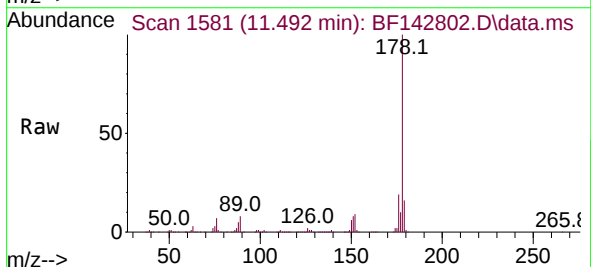
Instrument :
BNA_F
ClientSampleId :
PB168570BS

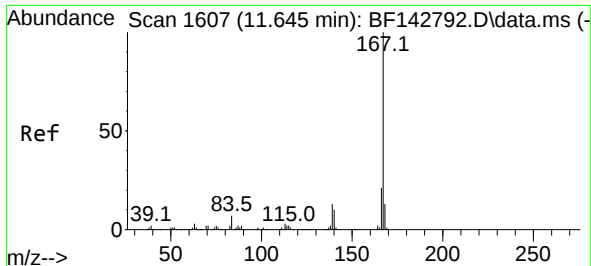
Tgt Ion:178 Resp: 828107
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 45.828 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:178 Resp: 850987
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.6 12.4 18.6

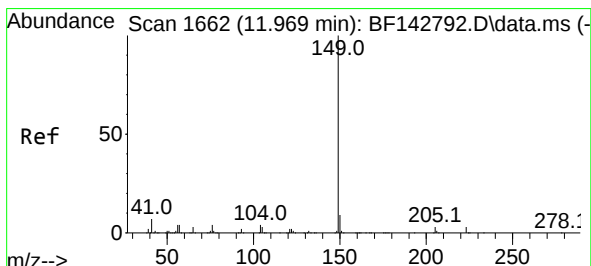
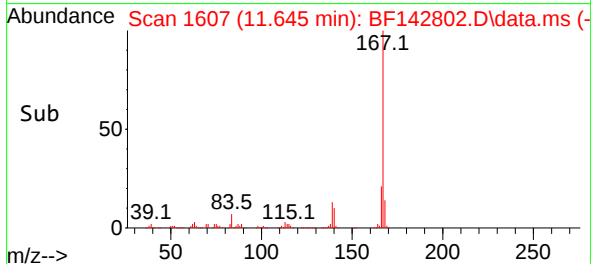
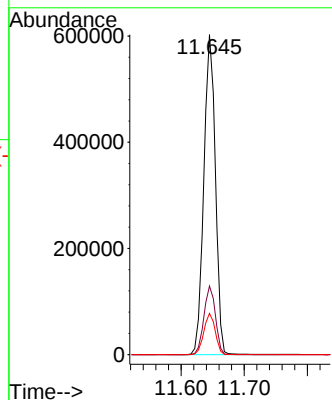
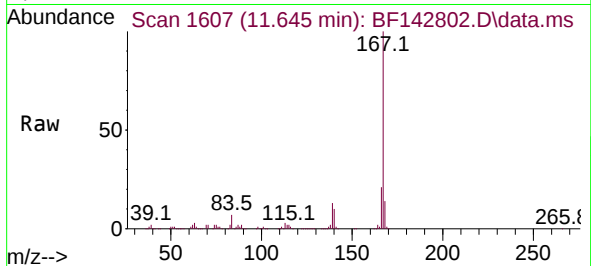




#73
 Carbazole
 Concen: 47.708 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.000 min
 Lab File: BF142802.D
 Acq: 23 Jun 2025 12:42

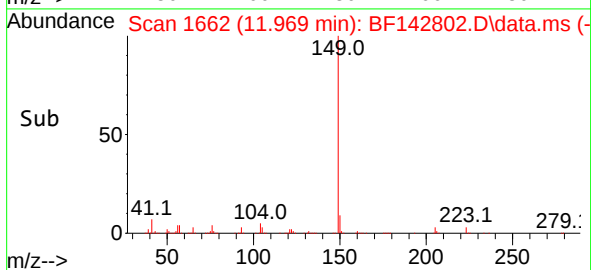
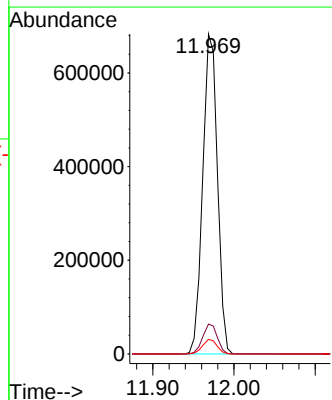
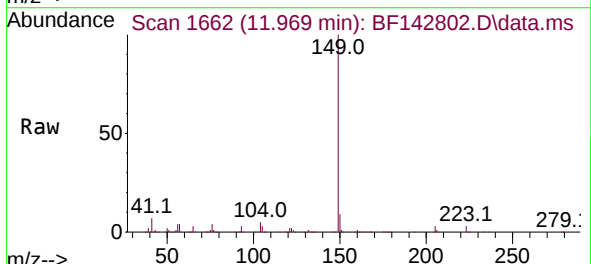
Instrument :
 BNA_F
 ClientSampleId :
 PB168570BS

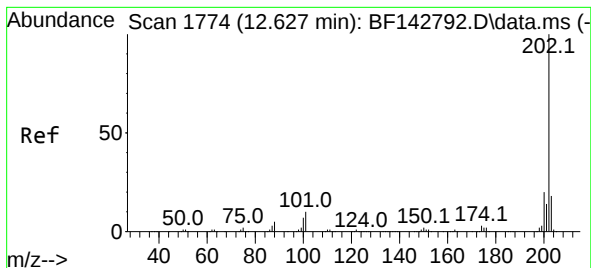
Tgt Ion:167 Resp: 764485
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 51.478 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142802.D
 Acq: 23 Jun 2025 12:42

Tgt Ion:149 Resp: 859341
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 47.667 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

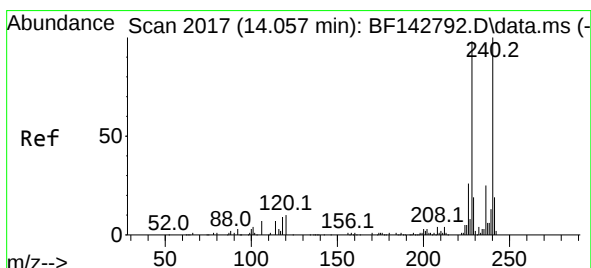
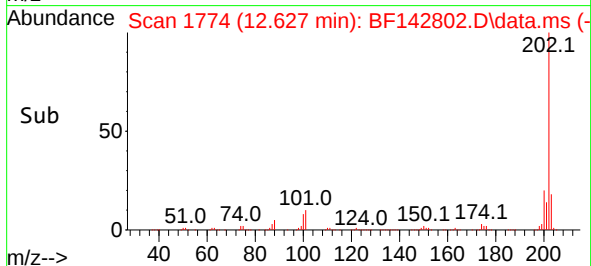
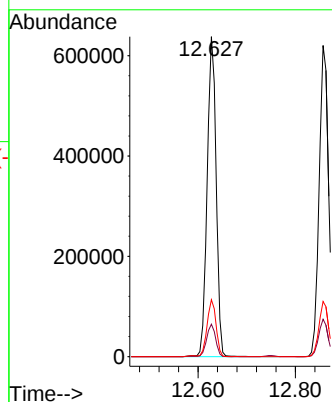
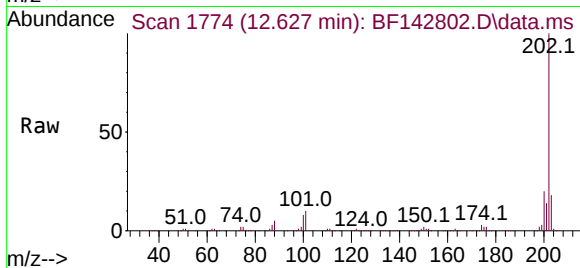
Tgt Ion:202 Resp: 819075

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.7

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

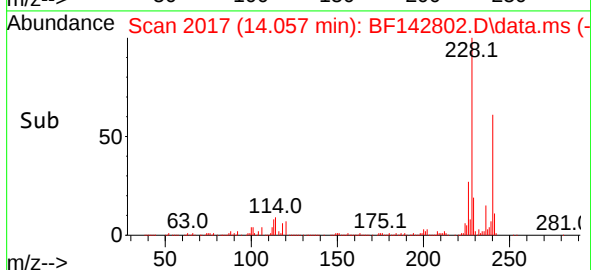
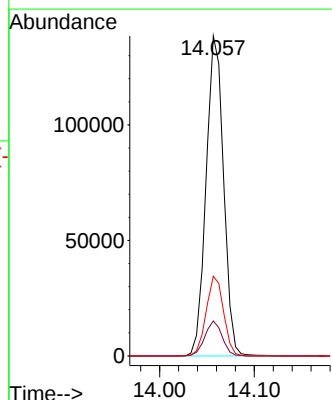
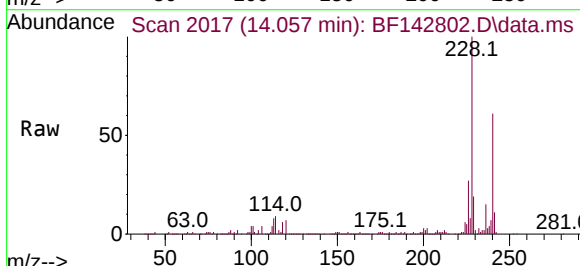
Tgt Ion:240 Resp: 177602

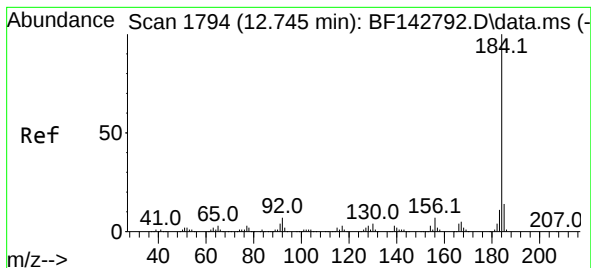
Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 24.9 19.8 29.8





#77

Benzidine

Concen: 67.394 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

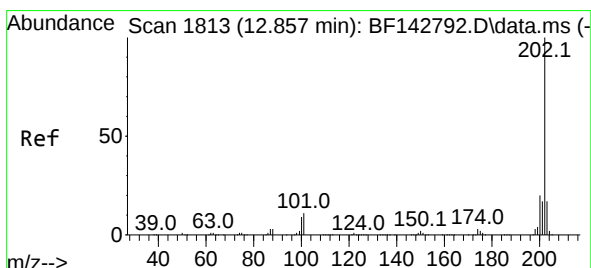
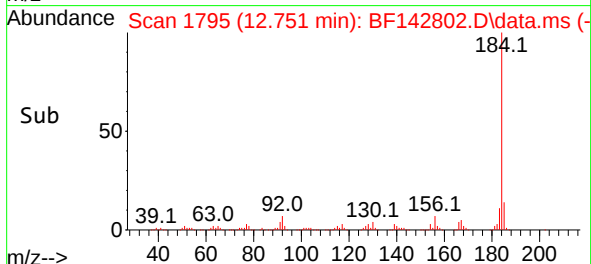
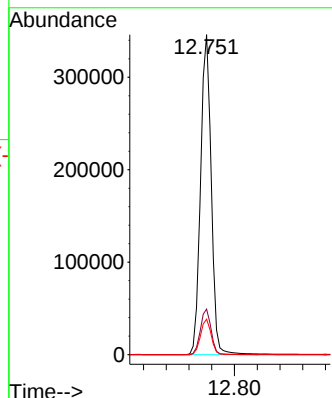
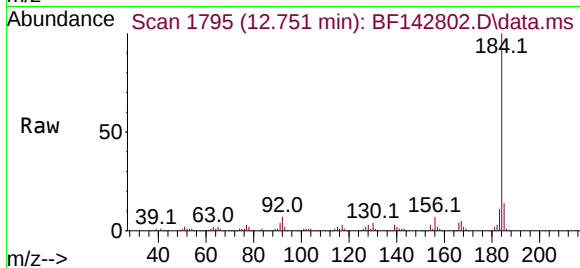
Tgt Ion:184 Resp: 449703

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 49.102 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

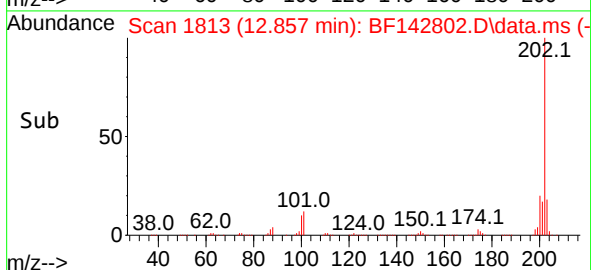
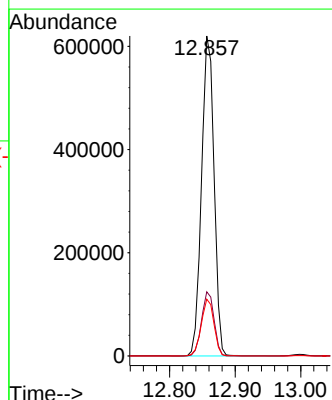
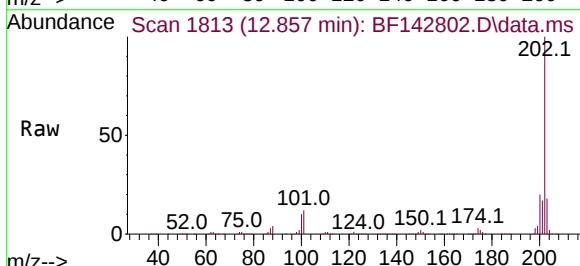
Tgt Ion:202 Resp: 817411

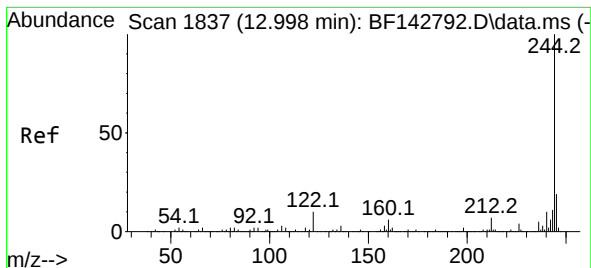
Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 86.713 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

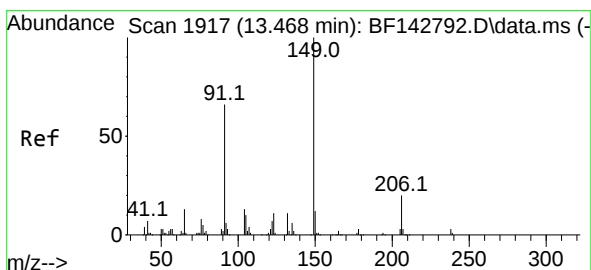
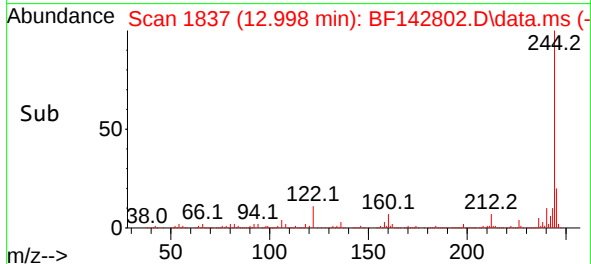
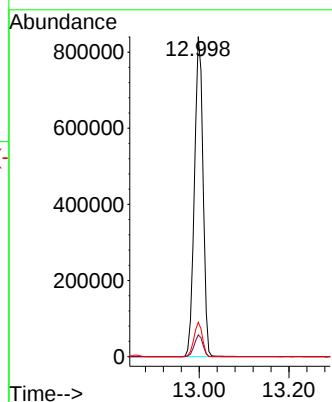
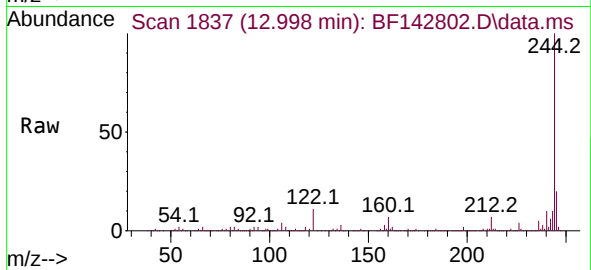
Tgt Ion:244 Resp: 1114596

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.7 8.2 12.2



#80

Butylbenzylphthalate

Concen: 53.207 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

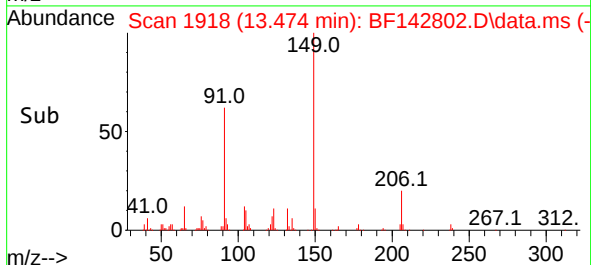
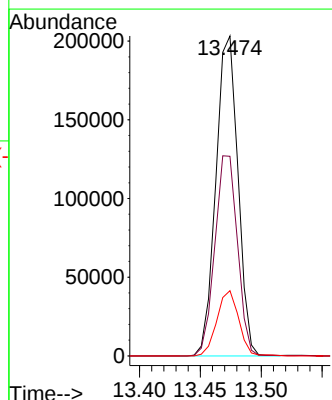
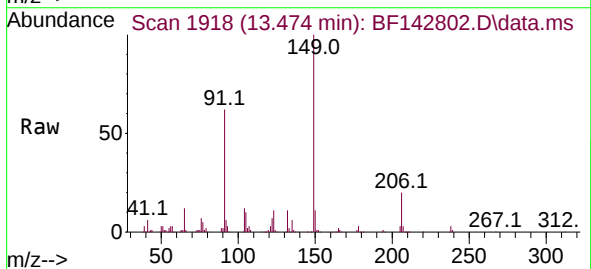
Tgt Ion:149 Resp: 256934

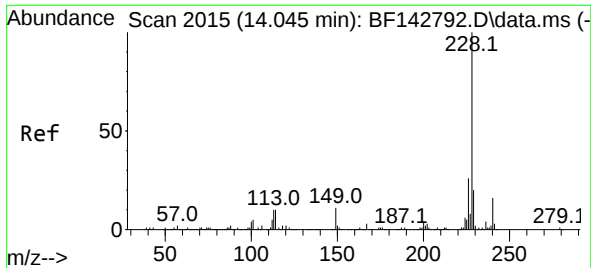
Ion Ratio Lower Upper

149 100

91 62.4 52.9 79.3

206 20.4 16.3 24.5

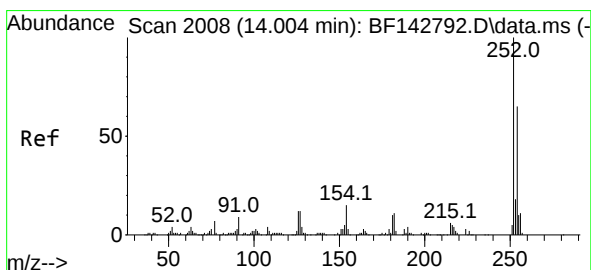
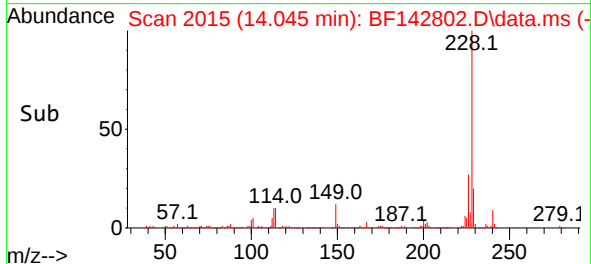
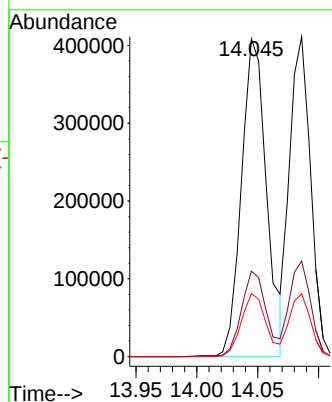
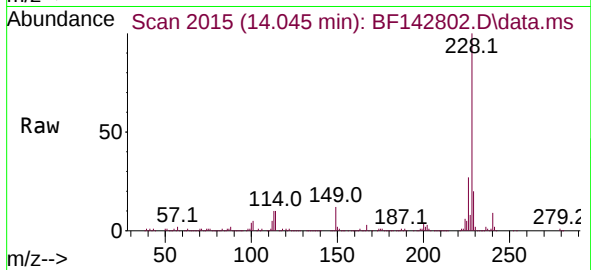




#81
Benzo(a)anthracene
Concen: 48.855 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

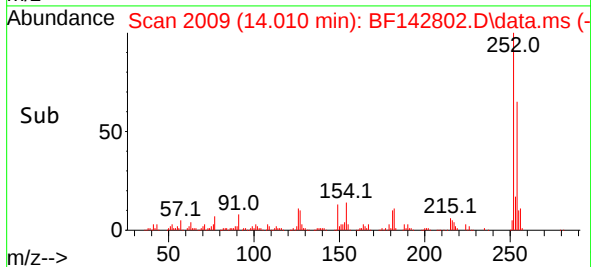
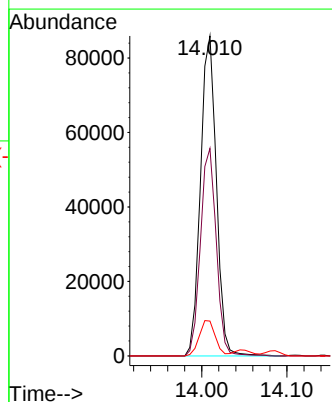
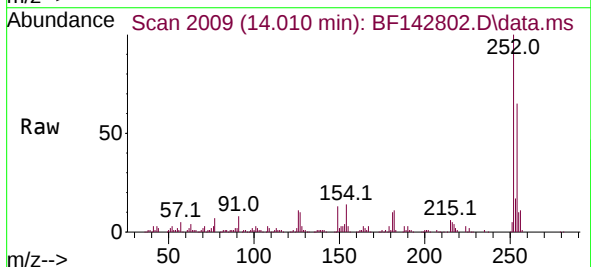
Instrument :
BNA_F
ClientSampleId :
PB168570BS

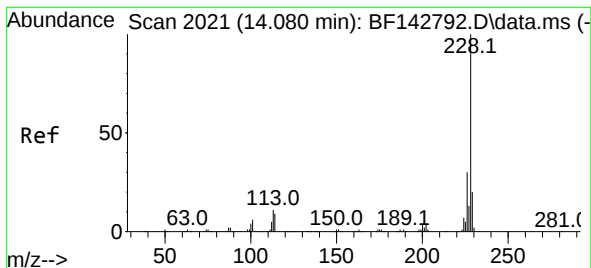
Tgt Ion:228 Resp: 585334
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 28.603 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:252 Resp: 111157
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 10.9 9.4 14.2





#83

Chrysene

Concen: 46.306 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

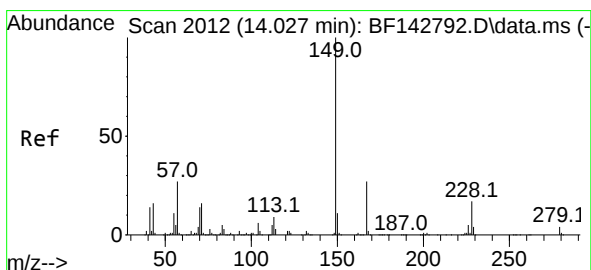
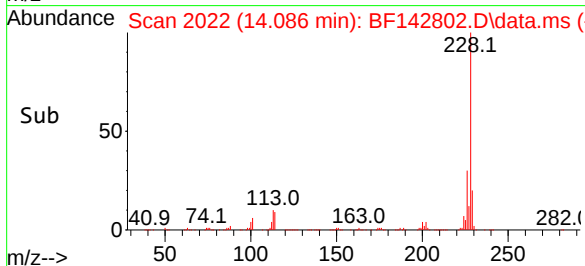
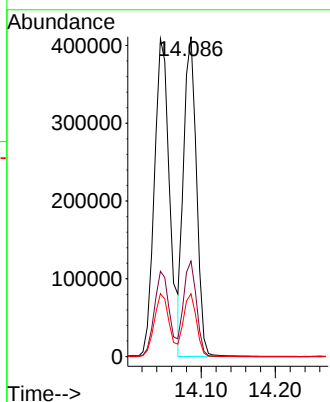
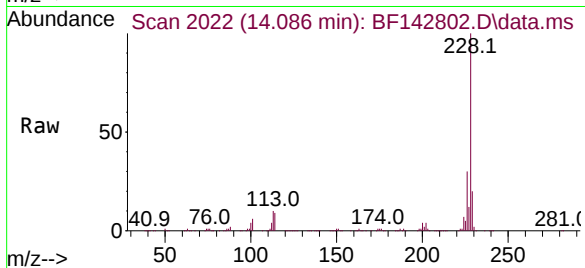
Tgt Ion:228 Resp: 495057

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.384 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

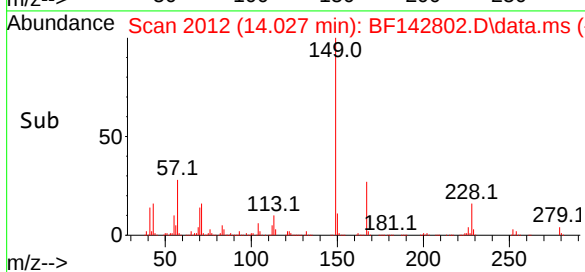
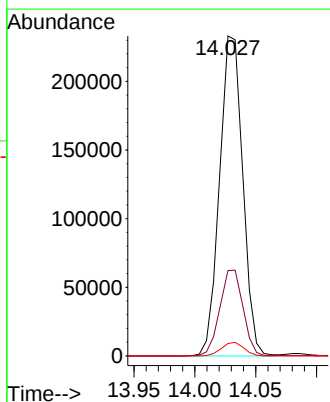
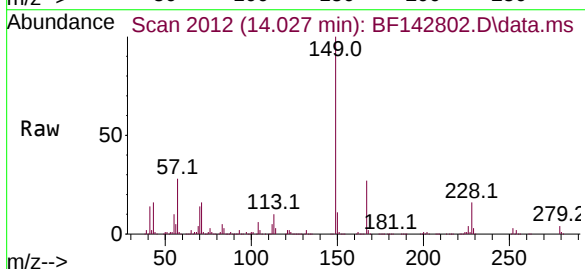
Tgt Ion:149 Resp: 308370

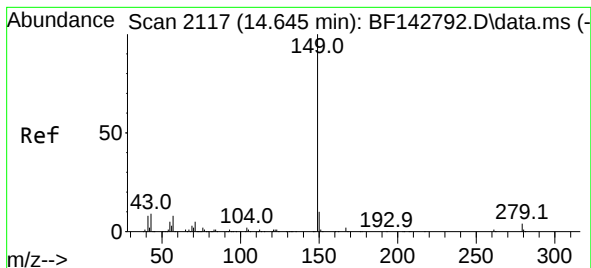
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 40.810 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

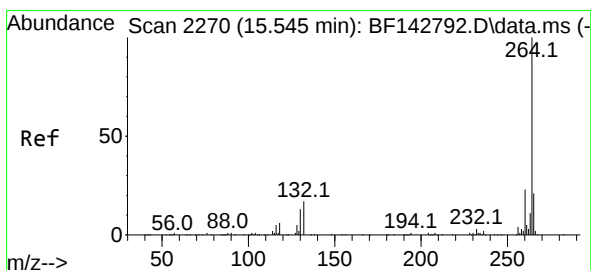
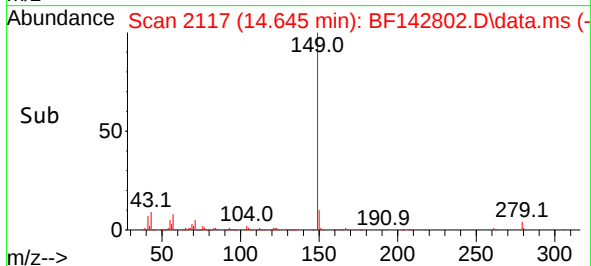
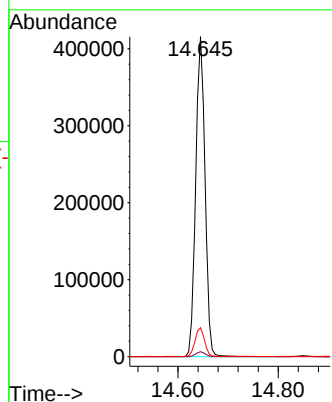
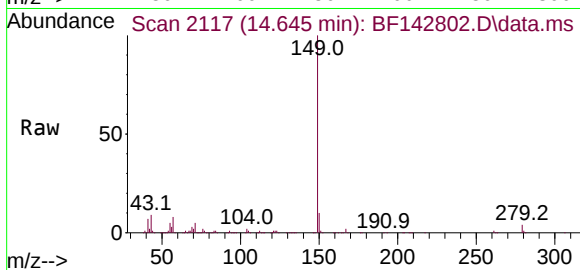
Tgt Ion:149 Resp: 534647

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

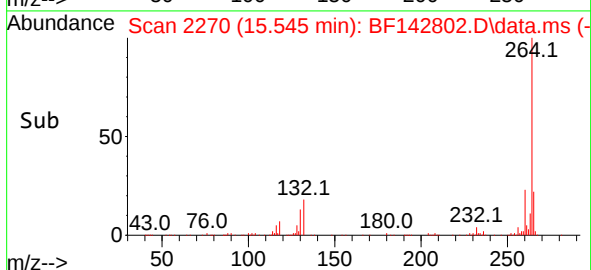
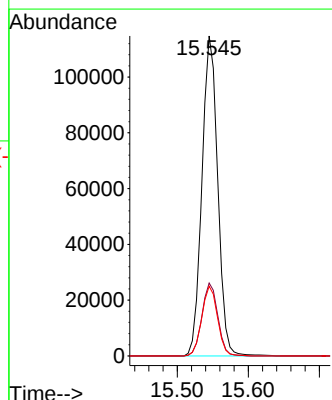
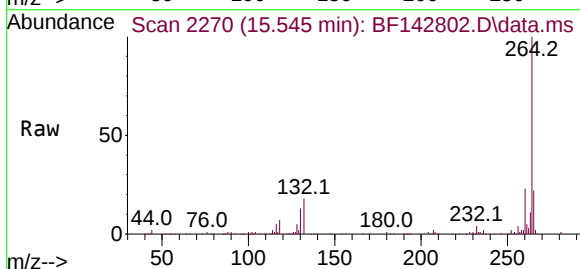
Tgt Ion:264 Resp: 176257

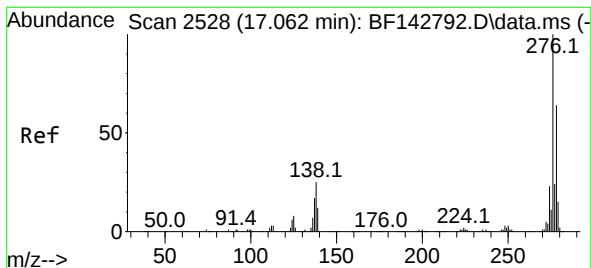
Ion Ratio Lower Upper

264 100

260 22.8 18.1 27.1

265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.503 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

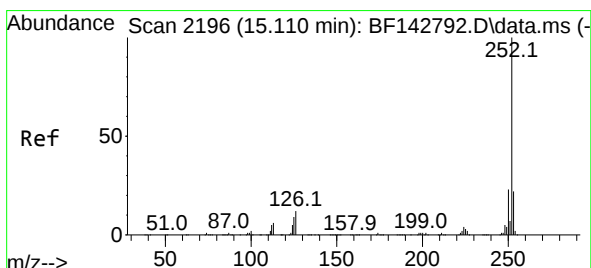
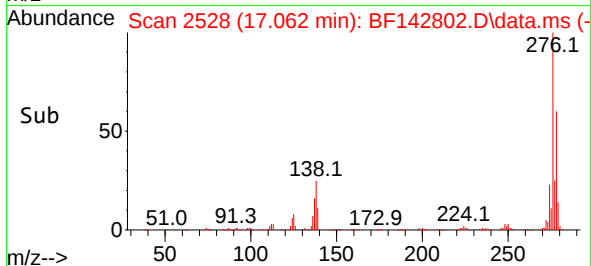
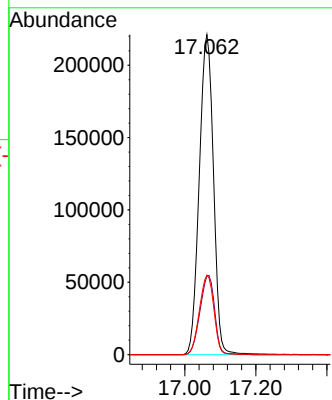
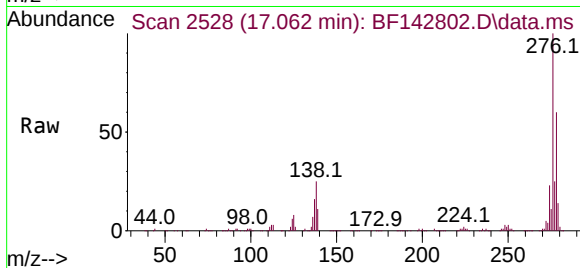
Tgt Ion:276 Resp: 610888

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

277 25.2 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 53.091 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

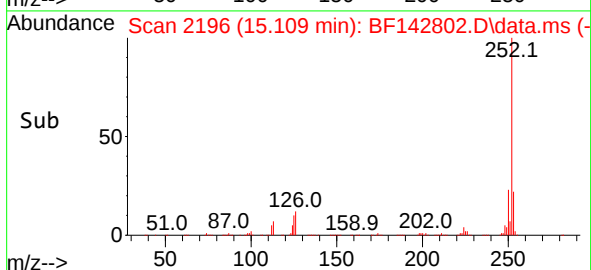
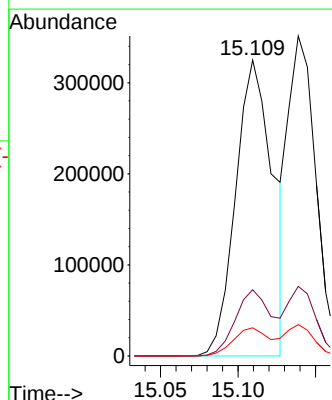
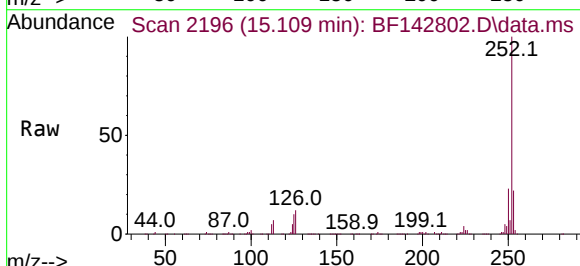
Tgt Ion:252 Resp: 541478

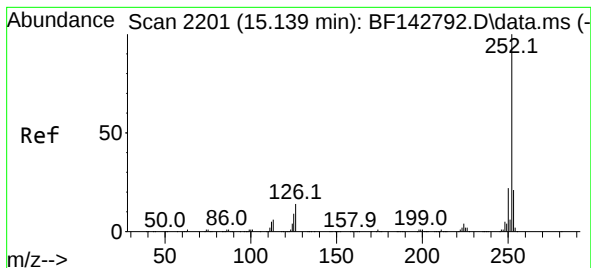
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.895 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168570BS

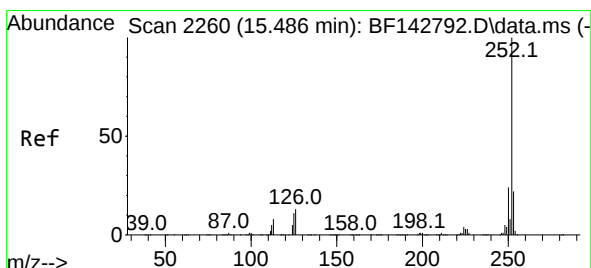
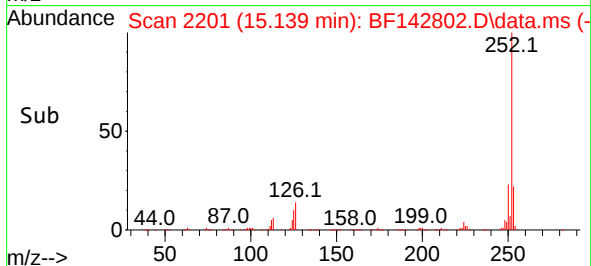
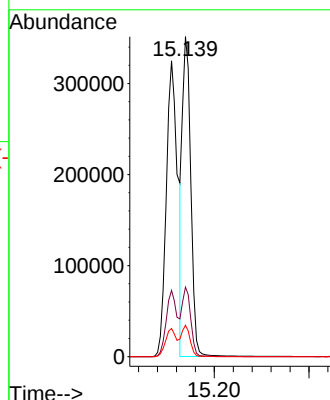
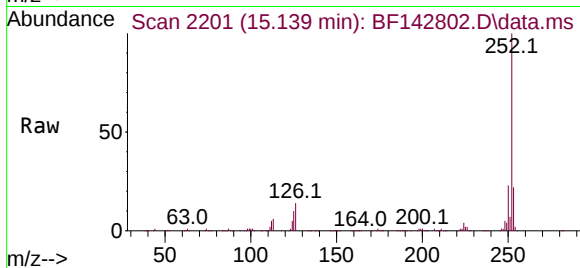
Tgt Ion:252 Resp: 437931

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.395 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142802.D

Acq: 23 Jun 2025 12:42

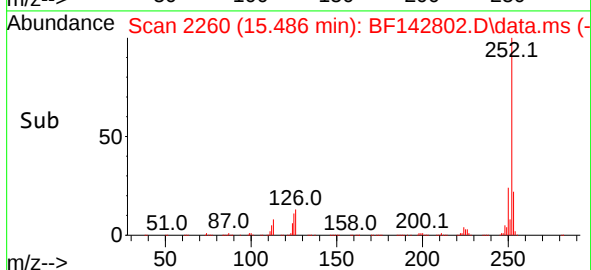
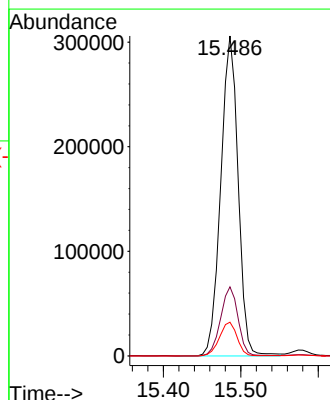
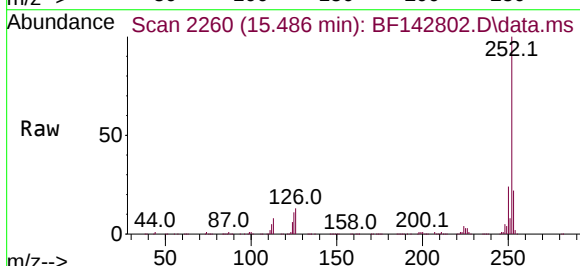
Tgt Ion:252 Resp: 476837

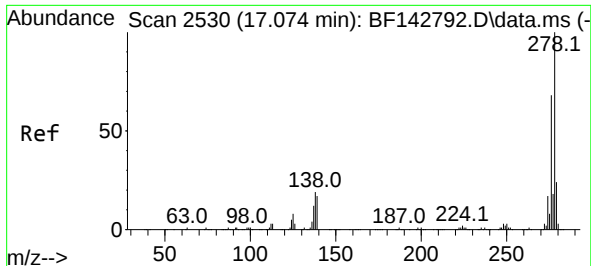
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.6 8.6 12.8

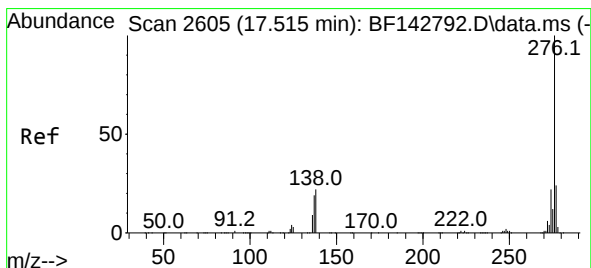
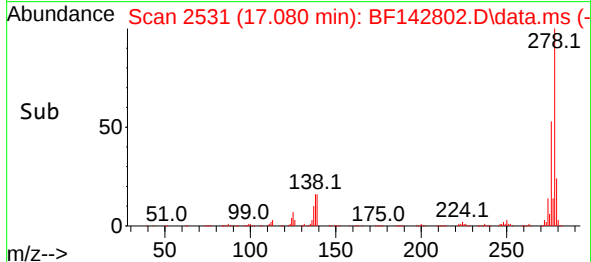
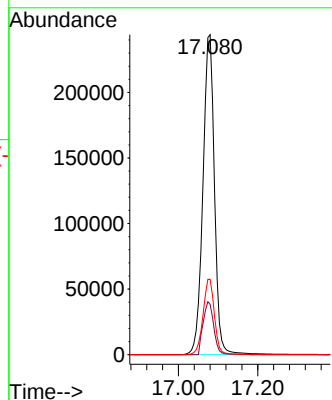
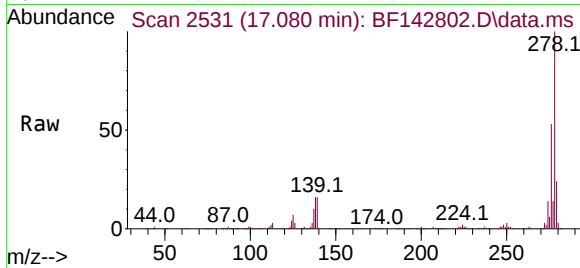




#91
Dibenzo(a,h)anthracene
Concen: 45.269 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168570BS

Tgt Ion:278 Resp: 493811
Ion Ratio Lower Upper
278 100
139 15.8 13.5 20.3
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.129 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142802.D
Acq: 23 Jun 2025 12:42

Tgt Ion:276 Resp: 490888
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.8 17.6 26.4

