

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142861.D
 Acq On : 26 Jun 2025 11:36
 Operator : RC/JU
 Sample : PB168614BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168614BS

Quant Time: Jun 26 12:15:53 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	6.875	152	87019	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	334350	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	184301	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	326170	20.000	ng	0.00
76) Chrysene-d12	14.057	240	189685	20.000	ng	0.00
86) Perylene-d12	15.545	264	167960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	691310	132.268	ng	0.02
7) Phenol-d6	6.510	99	833635	135.191	ng	0.00
23) Nitrobenzene-d5	7.439	82	521180	85.501	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	279083	147.150	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1126344	80.284	ng	0.00
79) Terphenyl-d14	12.998	244	1190114	86.690	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	73603	35.208	ng	99
3) Pyridine	3.492	79	201367	38.423	ng	98
4) n-Nitrosodimethylamine	3.451	42	114527	42.259	ng	99
6) Aniline	6.539	93	252617	30.789	ng	# 85
8) 2-Chlorophenol	6.663	128	253081	44.888	ng	97
9) Benzaldehyde	6.428	77	59658	16.307	ng	100
10) Phenol	6.528	94	288719	42.122	ng	84
11) bis(2-Chloroethyl)ether	6.610	93	218137	44.528	ng	98
12) 1,3-Dichlorobenzene	6.816	146	269582	42.754	ng	100
13) 1,4-Dichlorobenzene	6.892	146	274433	43.138	ng	100
14) 1,2-Dichlorobenzene	7.045	146	262937	43.576	ng	99
15) Benzyl Alcohol	7.022	79	199809	44.822	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	332752	42.277	ng	95
17) 2-Methylphenol	7.133	107	189570	44.369	ng	97
18) Hexachloroethane	7.386	117	96150	43.211	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	161033	44.901	ng	98
20) 3+4-Methylphenols	7.286	107	236902	44.471	ng	97
22) Acetophenone	7.286	105	328252	44.521	ng	98
24) Nitrobenzene	7.463	77	239198	43.356	ng	97
25) Isophorone	7.698	82	434502	44.435	ng	100
26) 2-Nitrophenol	7.775	139	138627	46.126	ng	99
27) 2,4-Dimethylphenol	7.816	122	227727	43.744	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	275052	44.245	ng	100
29) 2,4-Dichlorophenol	8.022	162	210877	44.675	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	226774	43.690	ng	100
31) Naphthalene	8.180	128	718796	43.920	ng	100
32) Benzoic acid	7.945	122	134846	50.821	ng	100
33) 4-Chloroaniline	8.233	127	139524	20.966	ng	98
34) Hexachlorobutadiene	8.298	225	141010	44.414	ng	99
35) Caprolactam	8.610	113	37330	29.970	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	218210	46.515	ng	99
37) 2-Methylnaphthalene	8.874	142	452518	44.600	ng	100
38) 1-Methylnaphthalene	8.974	142	469555	44.706	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	228883	42.089	ng	98
41) Hexachlorocyclopentadiene	9.027	237	277718	89.992	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	155483	43.877	ng	99

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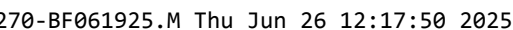
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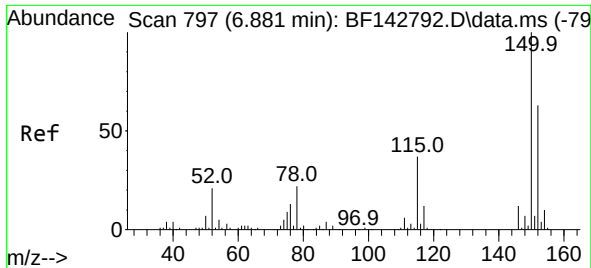
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	159767	42.830	ng	99
46) 1,1'-Biphenyl	9.339	154	614169	42.186	ng	100
47) 2-Chloronaphthalene	9.369	162	460263	42.128	ng	100
48) 2-Nitroaniline	9.463	65	137940	45.035	ng	97
49) Acenaphthylene	9.780	152	769347	42.776	ng	100
50) Dimethylphthalate	9.645	163	545646	45.738	ng	100
51) 2,6-Dinitrotoluene	9.704	165	121891	46.525	ng	99
52) Acenaphthene	9.957	154	449683	40.980	ng	100
53) 3-Nitroaniline	9.874	138	84681	29.357	ng	98
54) 2,4-Dinitrophenol	9.986	184	155712	118.697	ng	97
55) Dibenzofuran	10.127	168	678318	43.108	ng	99
56) 4-Nitrophenol	10.045	139	201806	102.192	ng	98
57) 2,4-Dinitrotoluene	10.116	165	171701	49.339	ng	94
58) Fluorene	10.469	166	539266	43.881	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	137769	45.819	ng	97
60) Diethylphthalate	10.345	149	557848	47.691	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	260169	44.366	ng	99
62) 4-Nitroaniline	10.498	138	134161	50.855	ng	98
63) Azobenzene	10.621	77	462664	44.256	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	99956	50.665	ng	98
66) n-Nitrosodiphenylamine	10.580	169	479613	42.428	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161540	43.517	ng	97
68) Hexachlorobenzene	11.021	284	179668	43.558	ng	98
69) Atrazine	11.110	200	151001	51.728	ng	99
70) Pentachlorophenol	11.216	266	202457	98.501	ng	98
71) Phenanthrene	11.433	178	780620	44.181	ng	99
72) Anthracene	11.486	178	799654	44.129	ng	100
73) Carbazole	11.639	167	729365	46.642	ng	100
74) Di-n-butylphthalate	11.968	149	861883	52.908	ng	100
75) Fluoranthene	12.627	202	801546	47.801	ng	100
77) Benzidine	12.745	184	286817	40.246	ng	99
78) Pyrene	12.857	202	804318	45.237	ng	99
80) Butylbenzylphthalate	13.468	149	283530	54.975	ng	97
81) Benzo(a)anthracene	14.045	228	583116	45.569	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	109000	26.262	ng	99
83) Chrysene	14.080	228	523230	45.823	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	322639	43.480	ng	99
85) Di-n-octyl phthalate	14.639	149	503190	35.962	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	558171	43.630	ng	99
88) Benzo(b)fluoranthene	15.109	252	468473	48.202	ng	100
89) Benzo(k)fluoranthene	15.139	252	428329	47.106	ng	99
90) Benzo(a)pyrene	15.480	252	435803	46.416	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	452809	43.561	ng	99
92) Benzo(g,h,i)perylene	17.515	276	452739	43.678	ng	99

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

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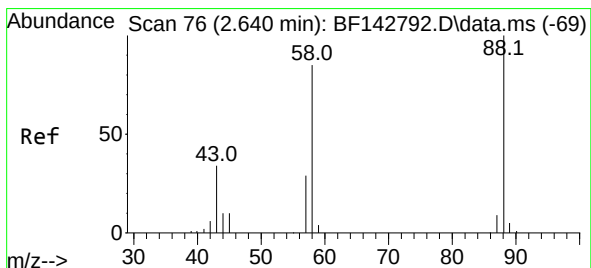
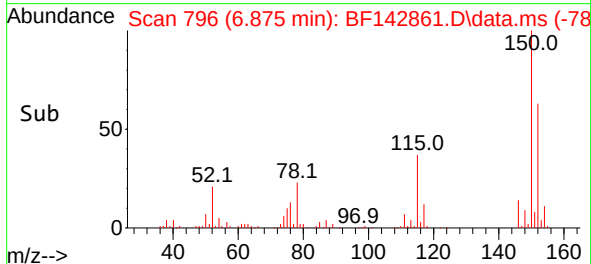
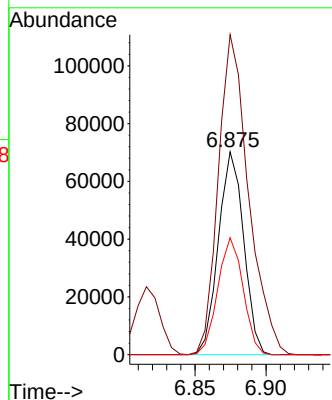
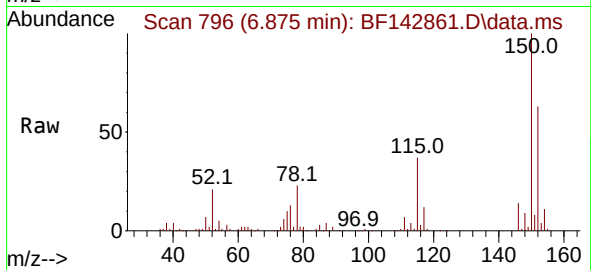




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142861.D
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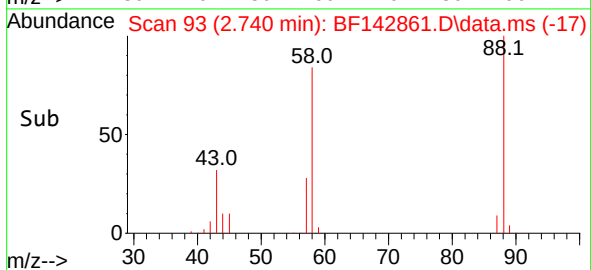
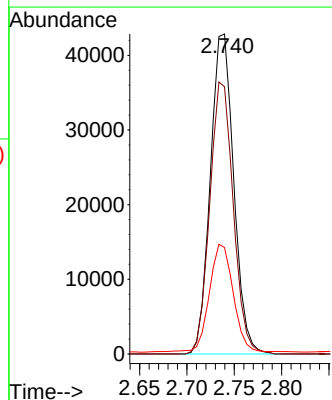
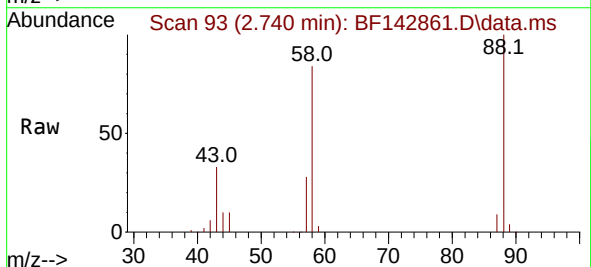
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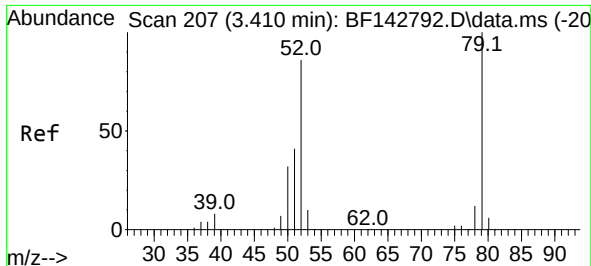
Tgt Ion:152 Resp: 87019
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.2 190.8
 115 57.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.208 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.100 min
 Lab File: BF142861.D
 Acq: 26 Jun 2025 11:36

Tgt Ion: 88 Resp: 73603
 Ion Ratio Lower Upper
 88 100
 58 85.4 69.1 103.7
 43 34.7 27.4 41.2





#3

Pyridine

Concen: 38.423 ng

RT: 3.492 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

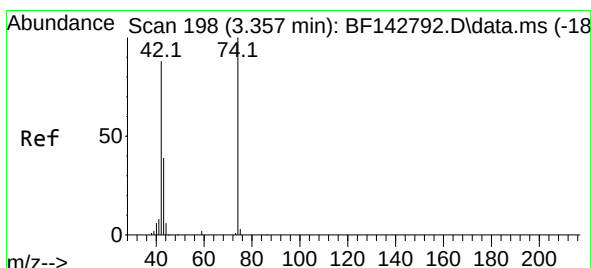
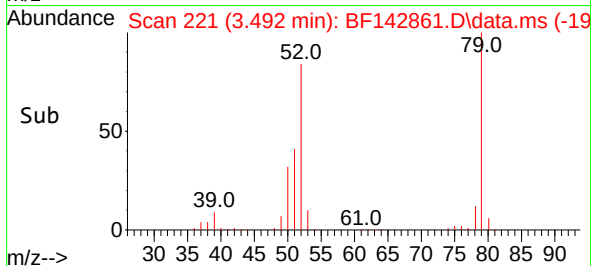
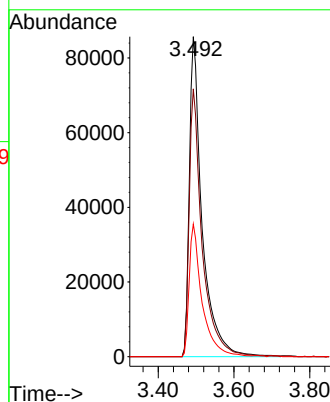
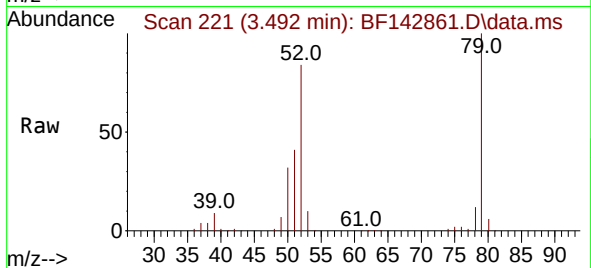
Tgt Ion: 79 Resp: 201367

Ion Ratio Lower Upper

79 100

52 83.7 69.2 103.8

51 41.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.259 ng

RT: 3.451 min Scan# 214

Delta R.T. 0.094 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

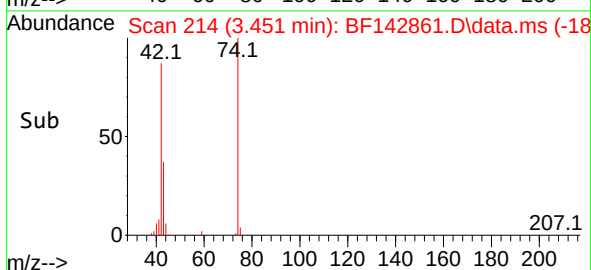
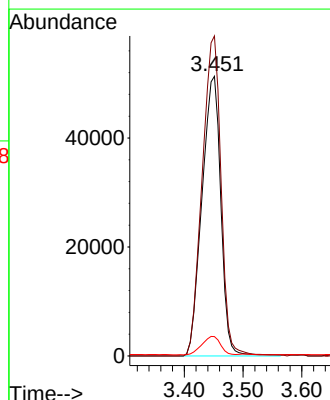
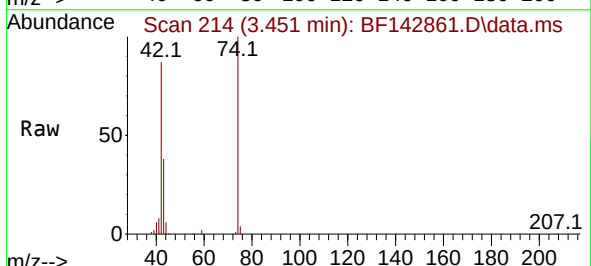
Tgt Ion: 42 Resp: 114527

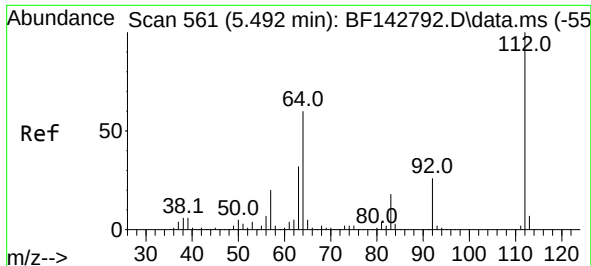
Ion Ratio Lower Upper

42 100

74 114.4 90.9 136.3

44 6.9 5.8 8.6

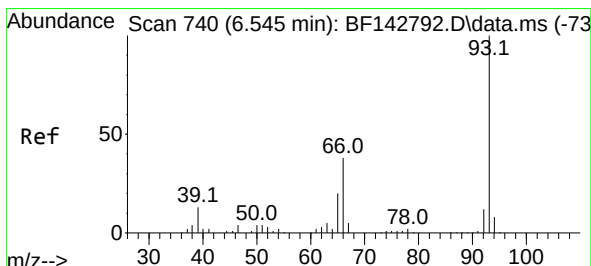
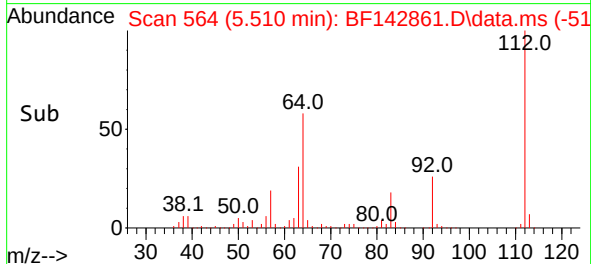
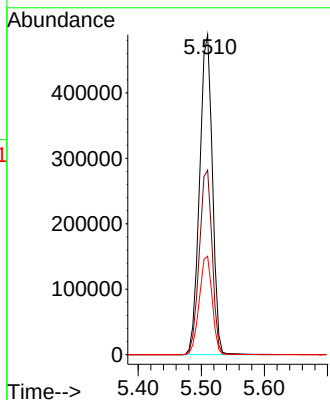
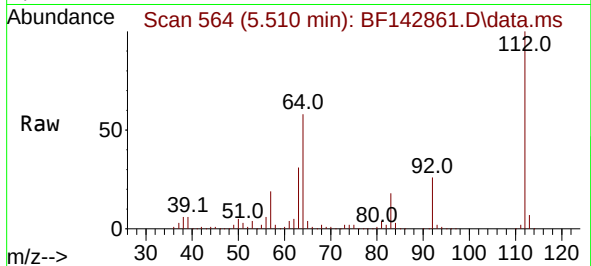




#5
2-Fluorophenol
Concen: 132.268 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

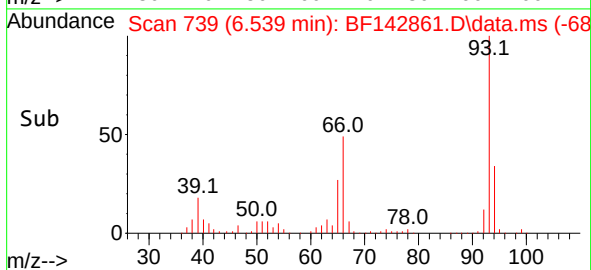
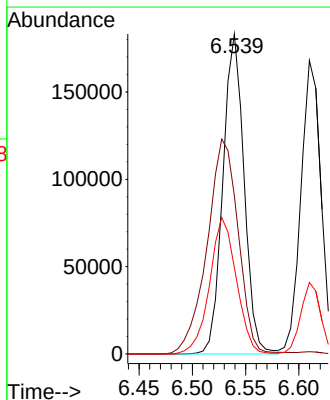
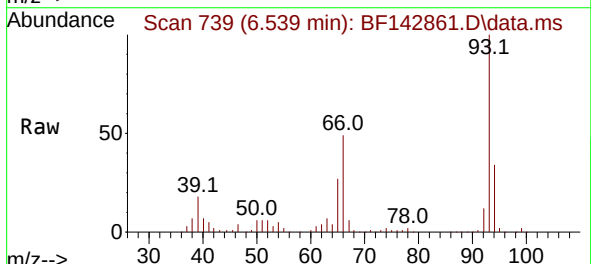
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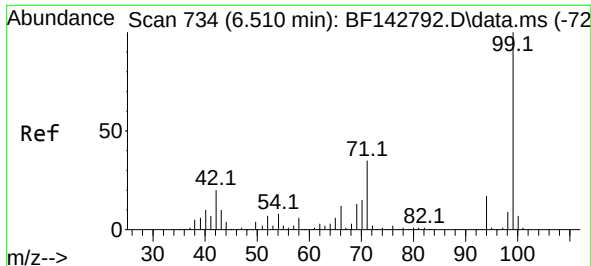
Tgt Ion:112 Resp: 691310
Ion Ratio Lower Upper
112 100
64 57.7 48.2 72.2
63 30.8 25.7 38.5



#6
Aniline
Concen: 30.789 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142861.D
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Tgt Ion: 93 Resp: 252617
Ion Ratio Lower Upper
93 100
66 49.4 31.8 47.6#
65 27.0 16.2 24.2#

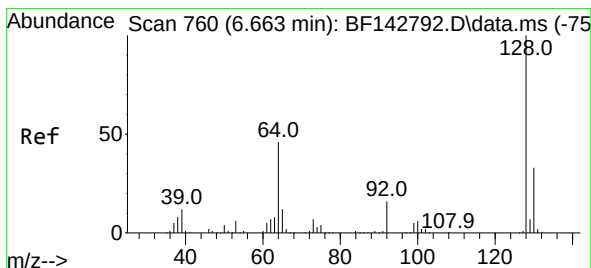
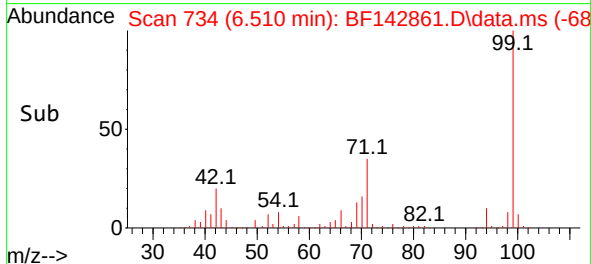
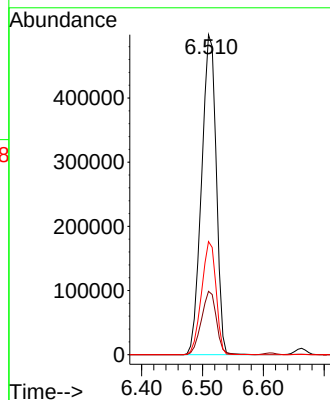
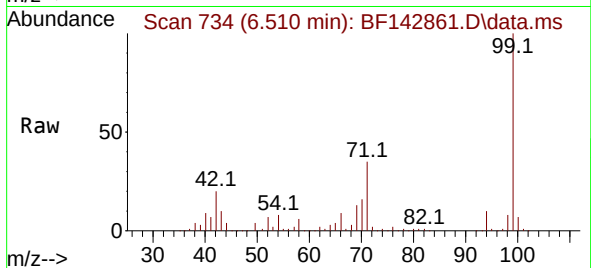




#7
Phenol-d6
Concen: 135.191 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

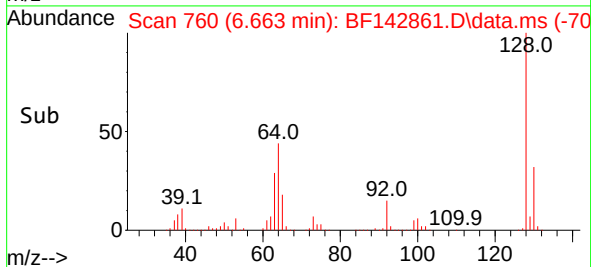
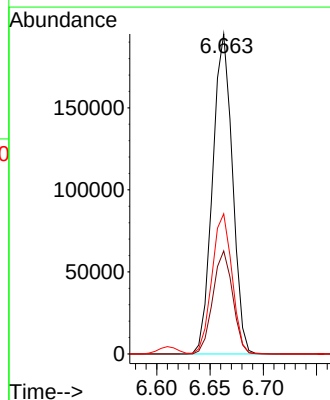
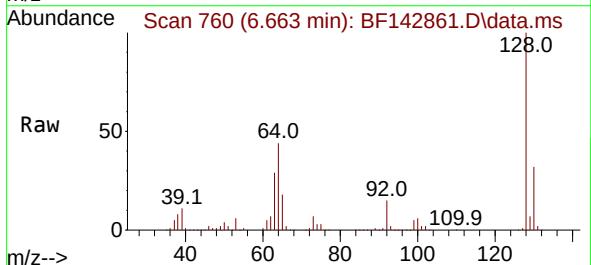
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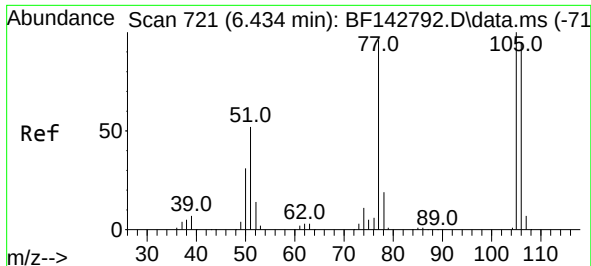
Tgt Ion: 99 Resp: 833635
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.3 27.8 41.8



#8
2-Chlorophenol
Concen: 44.888 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:128 Resp: 253081
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 43.8 26.5 66.5

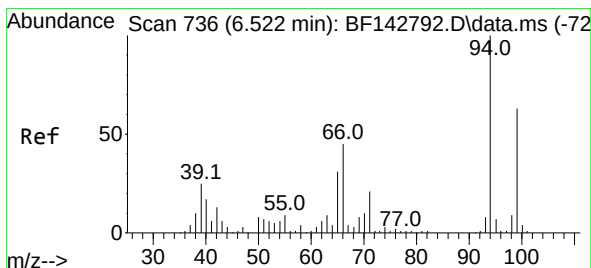
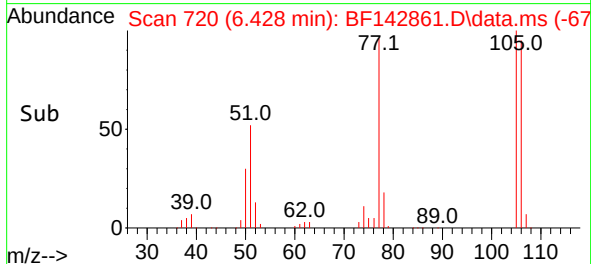
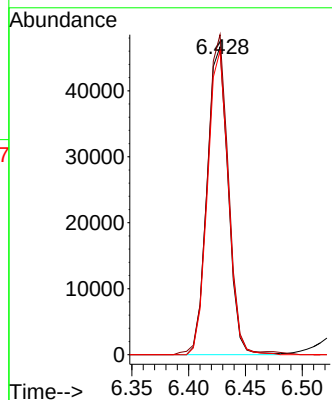
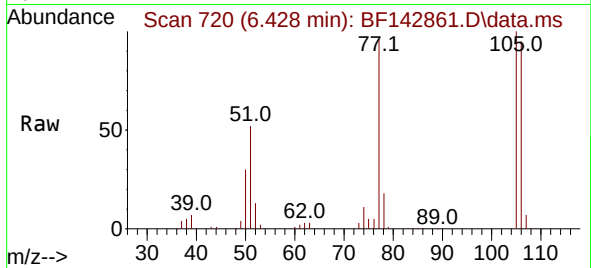




#9
Benzaldehyde
Concen: 16.307 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

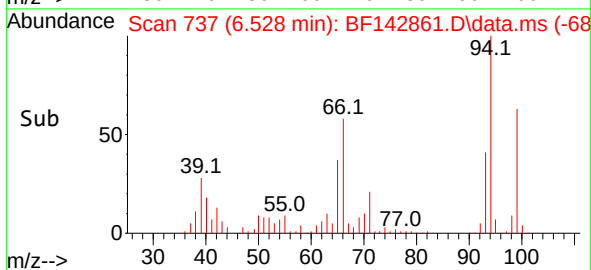
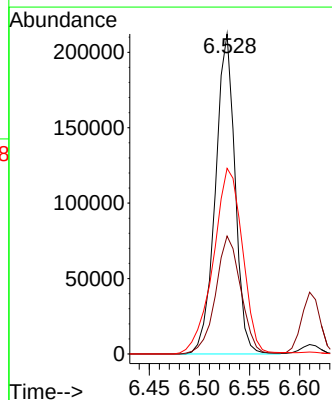
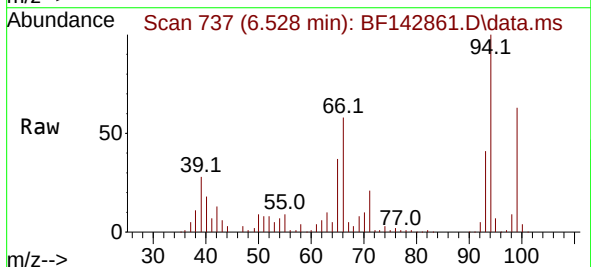
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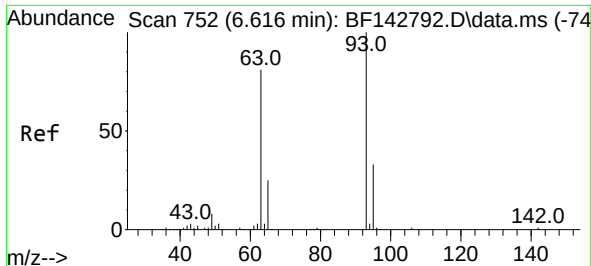
Tgt Ion: 77 Resp: 59658
Ion Ratio Lower Upper
77 100
105 103.9 83.8 123.8
106 98.7 78.7 118.7



#10
Phenol
Concen: 42.122 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 288719
Ion Ratio Lower Upper
94 100
65 36.9 11.3 51.3
66 58.0 24.9 64.9

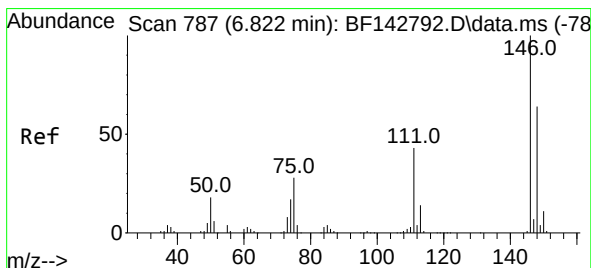
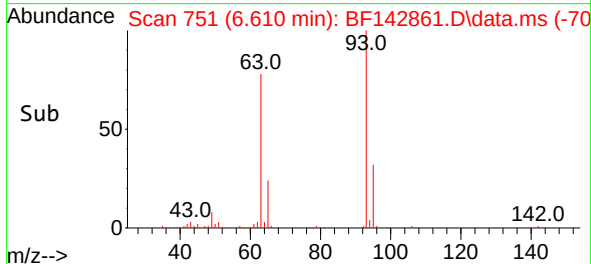
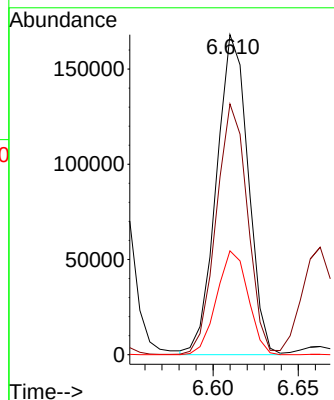
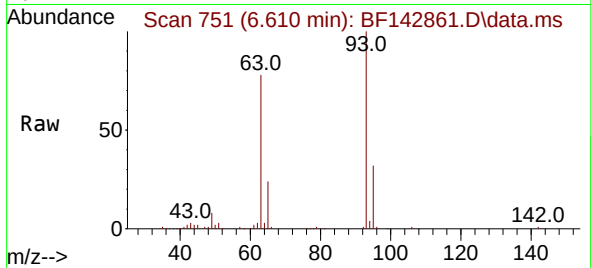




#11
bis(2-Chloroethyl)ether
Concen: 44.528 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

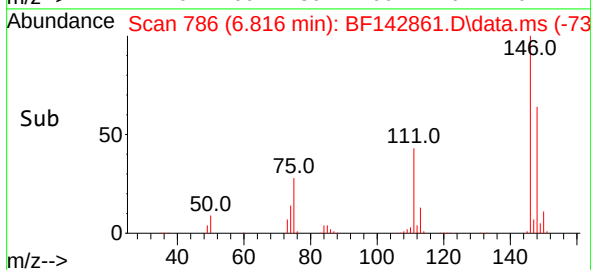
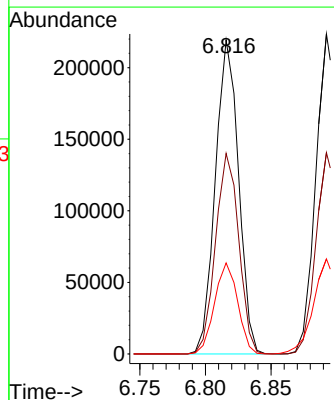
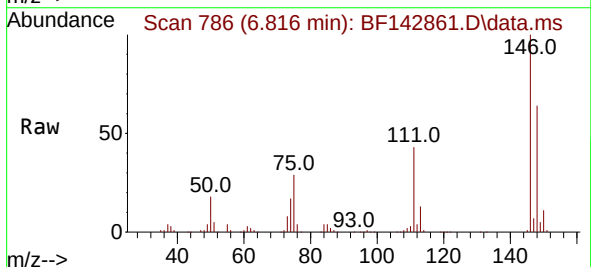
Instrument :
BNA_F
ClientSampleId :
PB168614BS

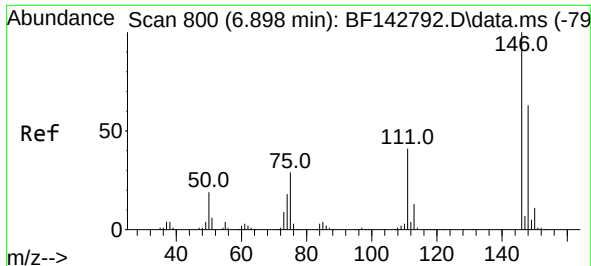
Tgt Ion: 93 Resp: 218137
Ion Ratio Lower Upper
93 100
63 78.3 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.754 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:146 Resp: 269582
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 29.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.138 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

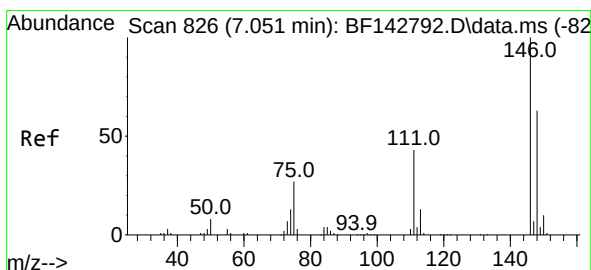
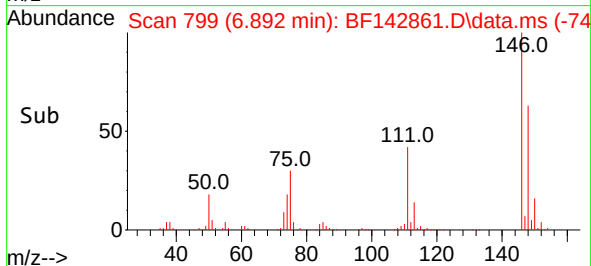
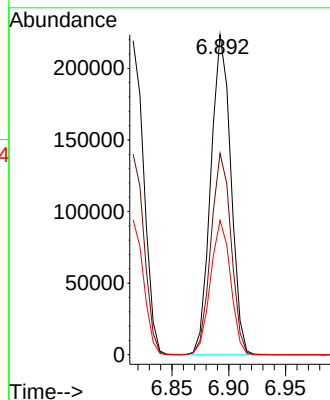
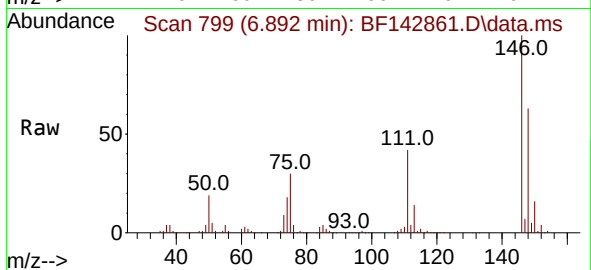
Tgt Ion:146 Resp: 274433

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 42.0 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 43.576 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

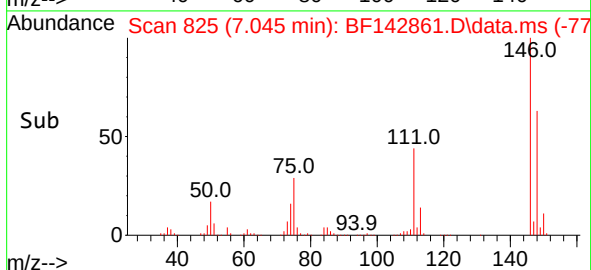
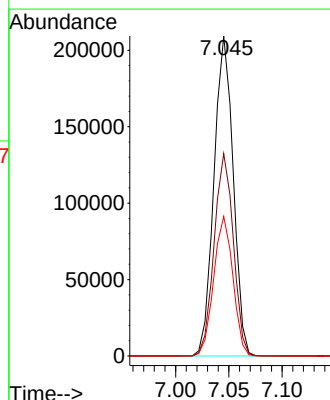
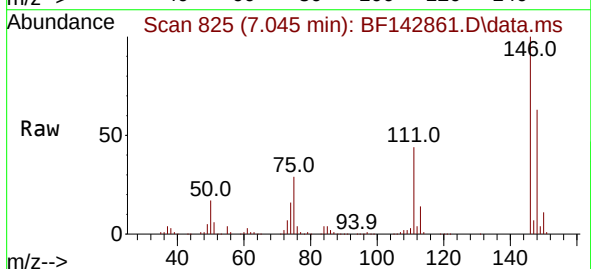
Tgt Ion:146 Resp: 262937

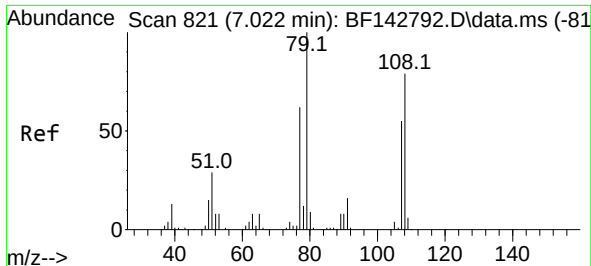
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 43.6 34.1 51.1

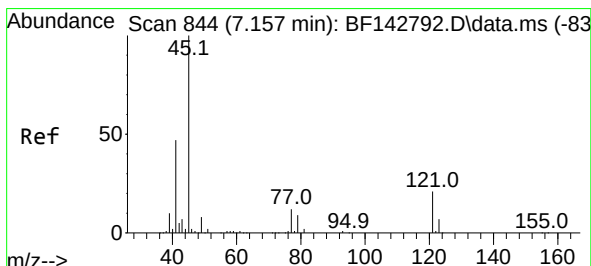
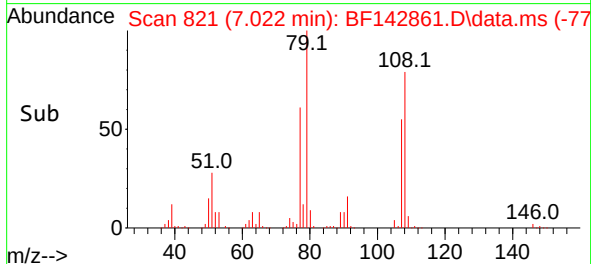
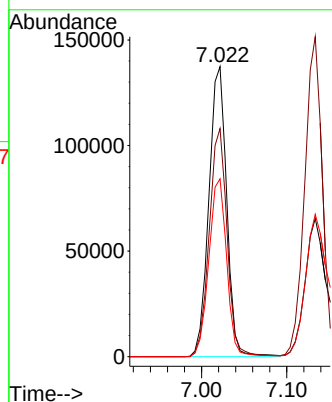
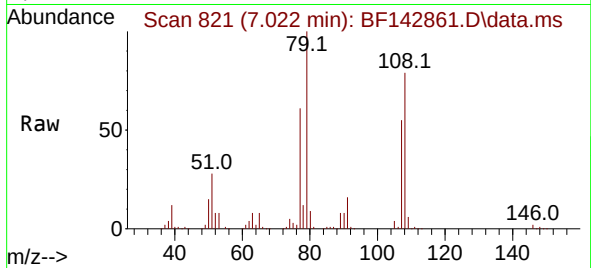




#15
Benzyl Alcohol
Concen: 44.822 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

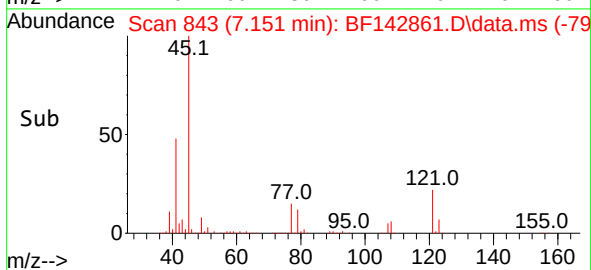
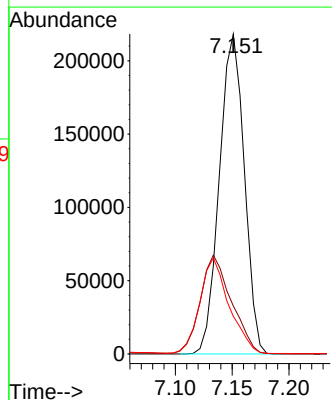
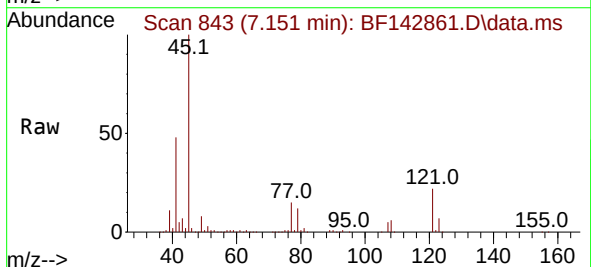
Instrument :
BNA_F
ClientSampleId :
PB168614BS

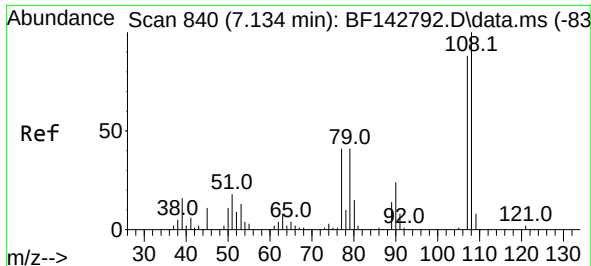
Tgt Ion: 79 Resp: 199809
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 61.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.277 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion: 45 Resp: 332752
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.8
79 11.8 0.0 29.8

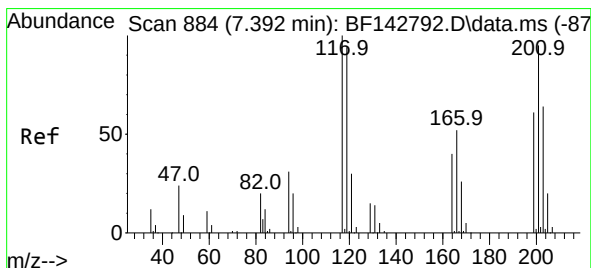
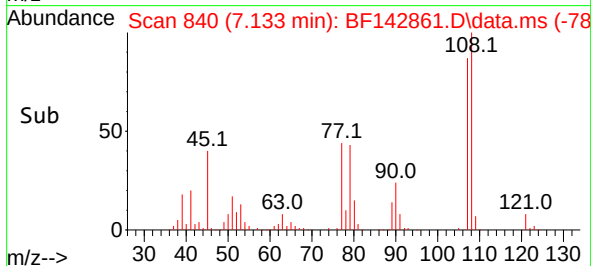
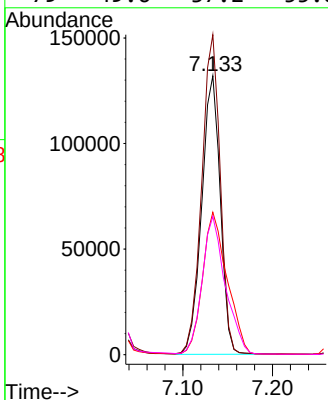
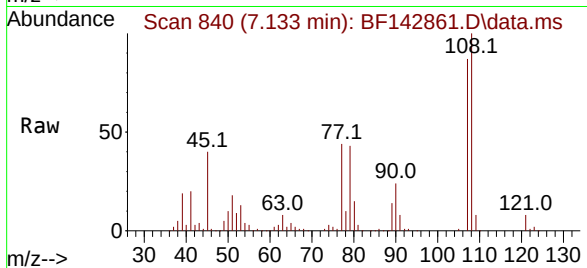




#17
2-Methylphenol
Concen: 44.369 ng
RT: 7.133 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

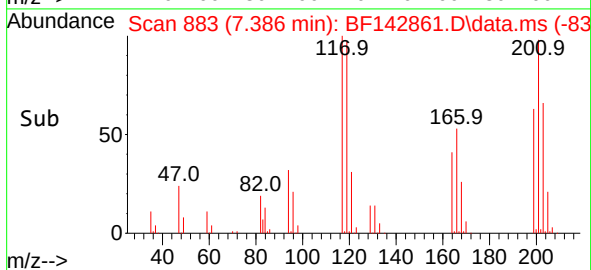
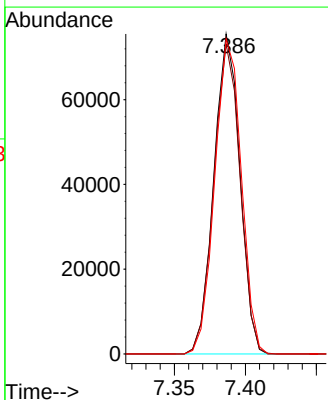
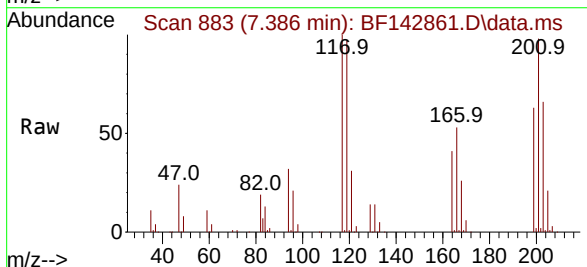
Instrument :
BNA_F
ClientSampleId :
PB168614BS

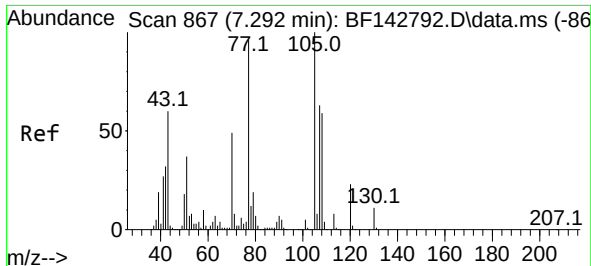
Tgt Ion:	107	Resp:	189570
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.9	136.3
77	51.0	37.3	55.9
79	49.6	37.2	55.8



#18
Hexachloroethane
Concen: 43.211 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:	117	Resp:	96150
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.4	113.0
201	98.5	75.9	113.9

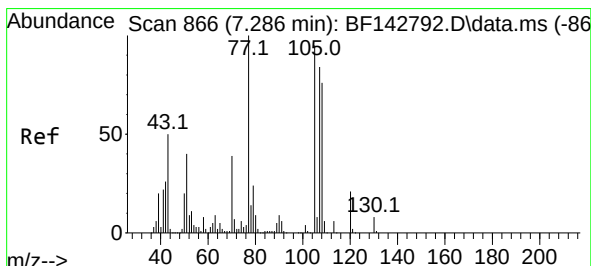
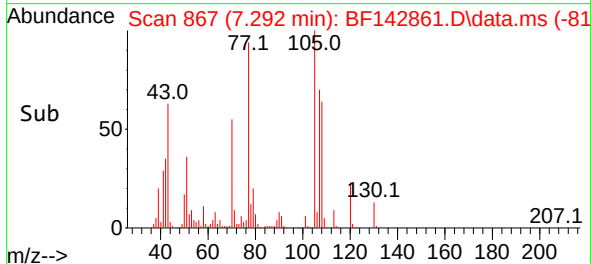
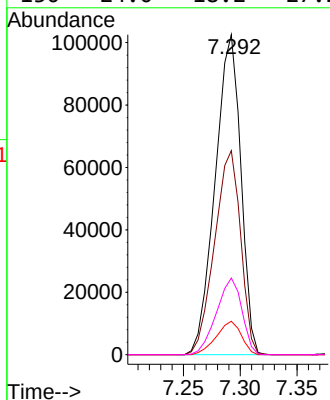
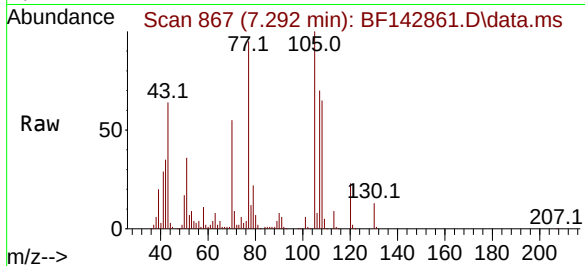




#19
n-Nitroso-di-n-propylamine
Concen: 44.901 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

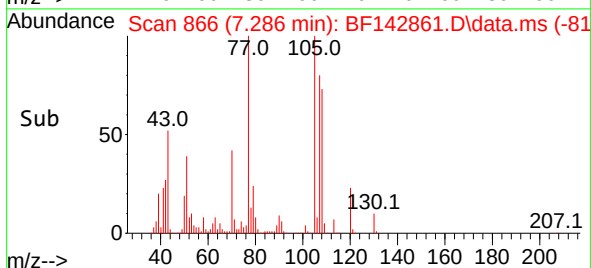
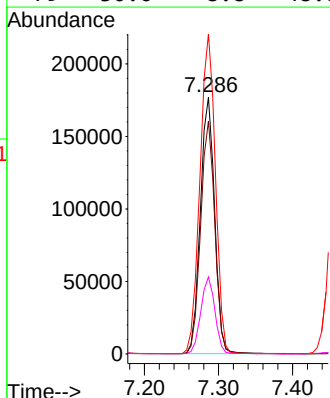
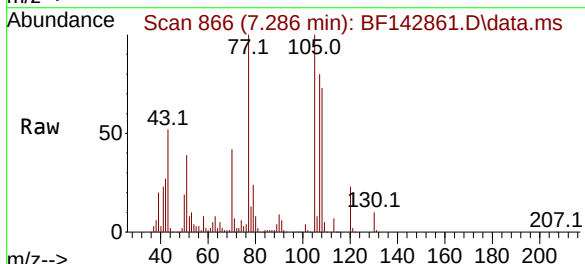
Instrument :
BNA_F
ClientSampleId :
PB168614BS

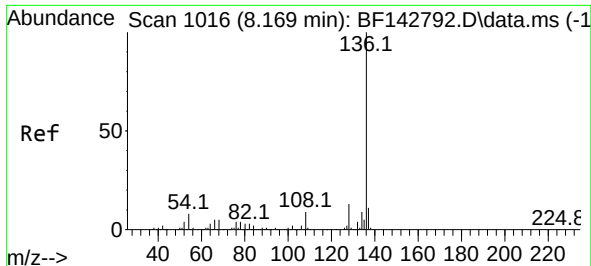
Tgt Ion: 70 Resp: 161033
Ion Ratio Lower Upper
70 100
42 63.7 52.1 78.1
101 10.5 8.2 12.2
130 24.0 18.2 27.2



#20
3+4-Methylphenols
Concen: 44.471 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion: 107 Resp: 236902
Ion Ratio Lower Upper
107 100
108 90.7 70.0 110.0
77 124.7 98.5 138.5
79 30.0 8.8 48.8

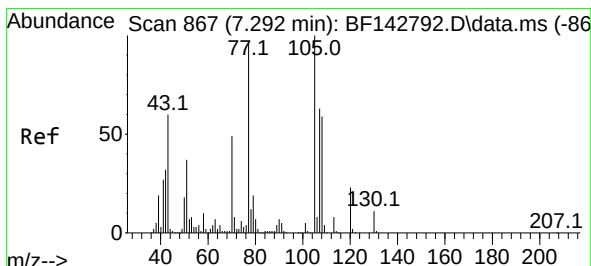
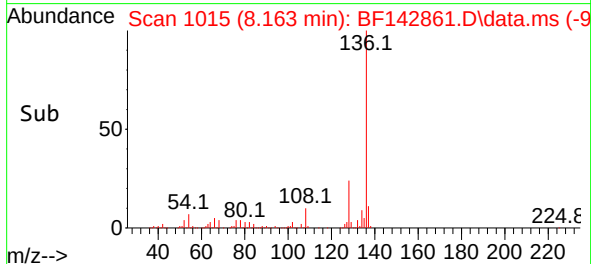
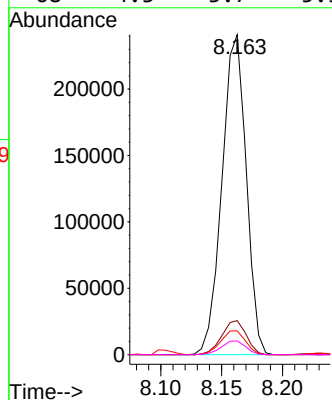
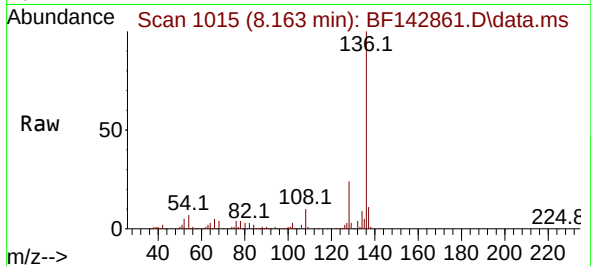




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

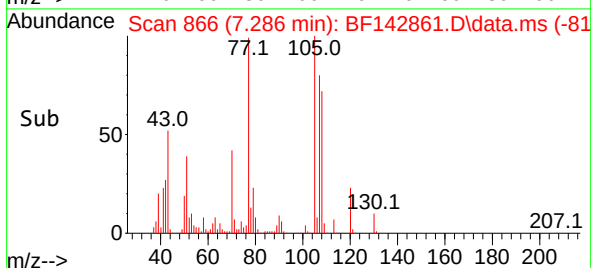
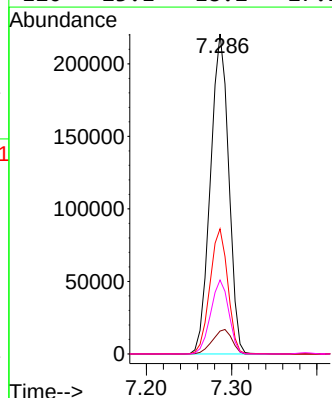
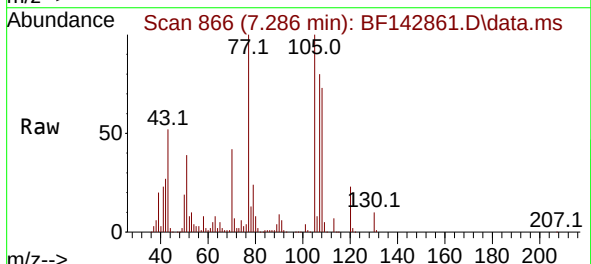
Instrument :
BNA_F
ClientSampleId :
PB168614BS

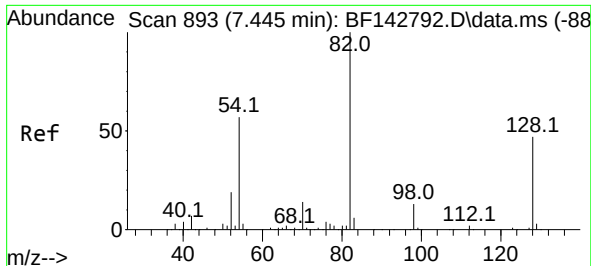
Tgt Ion:136 Resp: 334350
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 6.3 9.5
68 4.3 3.7 5.5



#22
Acetophenone
Concen: 44.521 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:105 Resp: 328252
Ion Ratio Lower Upper
105 100
71 7.2 6.5 9.7
51 39.1 29.8 44.8
120 23.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 85.501 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

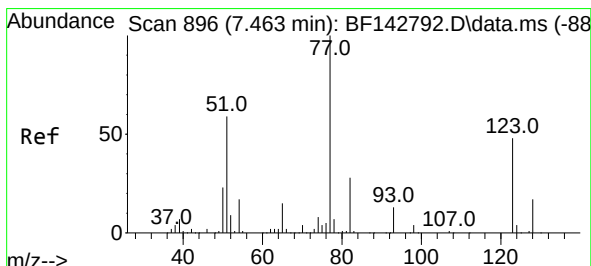
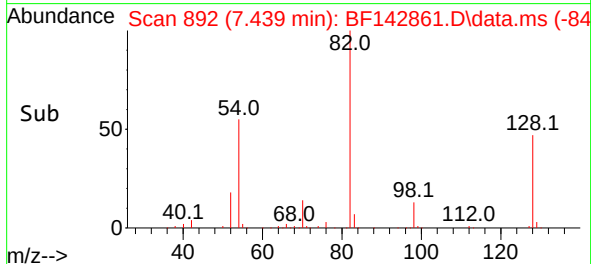
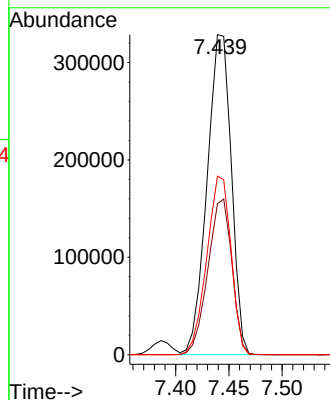
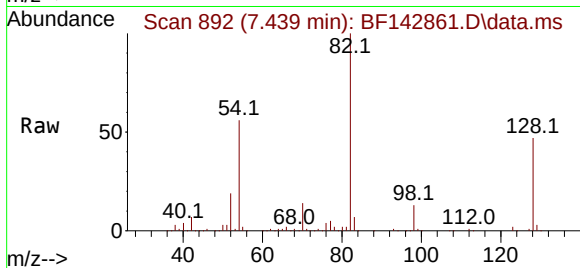
Tgt Ion: 82 Resp: 521180

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 55.8 45.7 68.5



#24

Nitrobenzene

Concen: 43.356 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

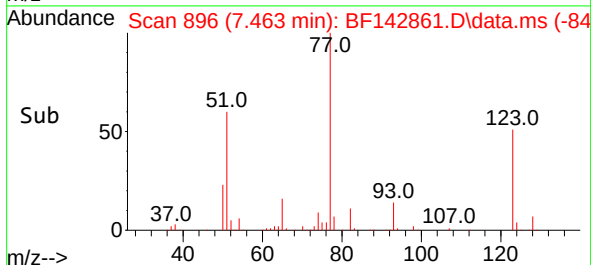
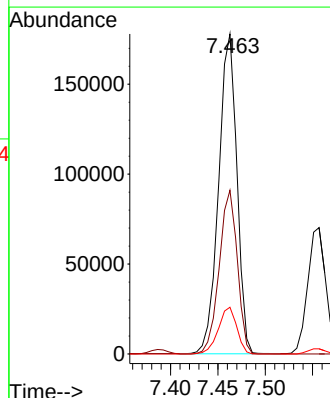
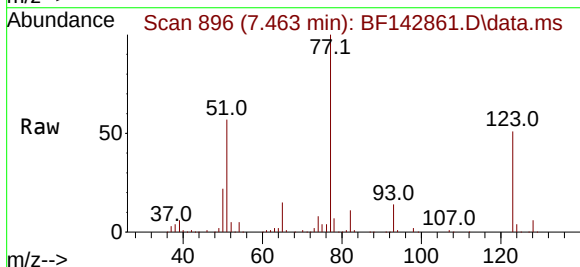
Tgt Ion: 77 Resp: 239198

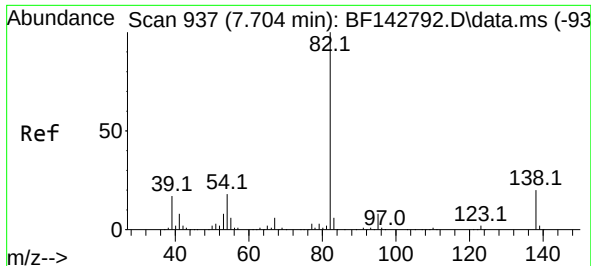
Ion Ratio Lower Upper

77 100

123 51.2 39.2 58.8

65 14.6 11.6 17.4

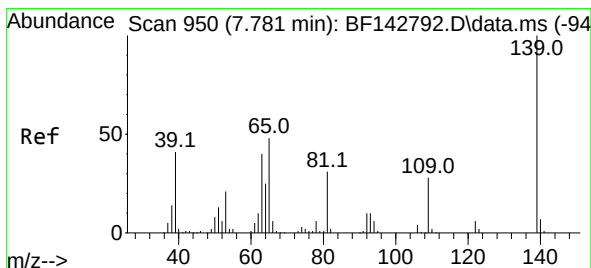
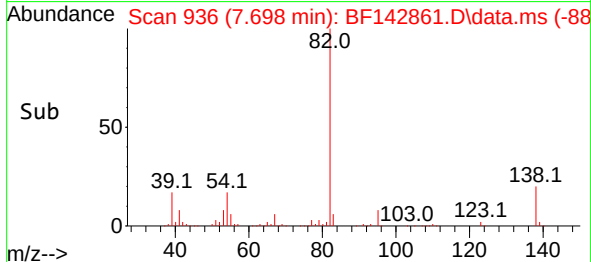
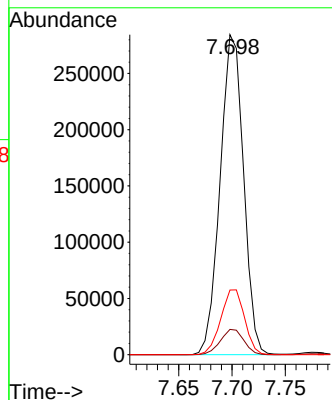
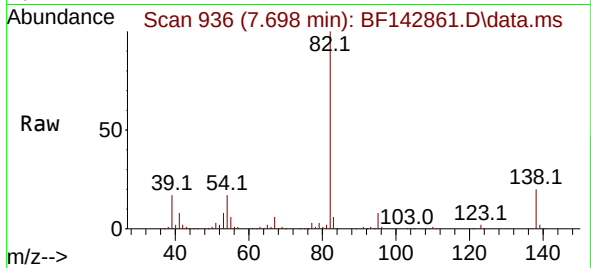




#25
Isophorone
Concen: 44.435 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

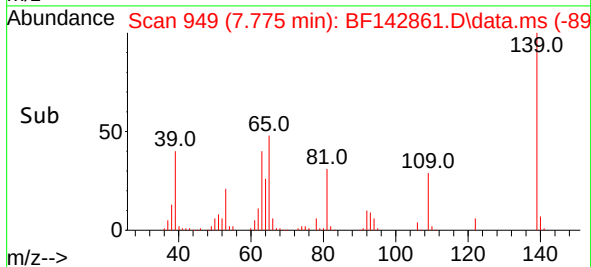
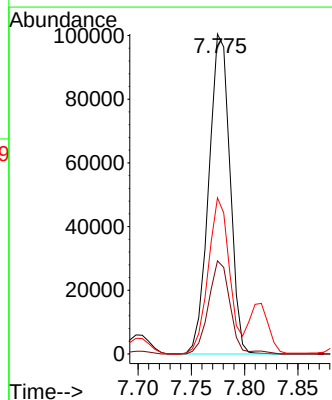
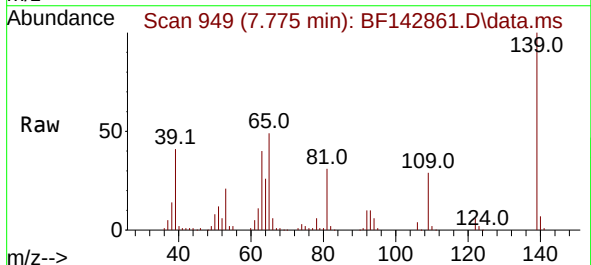
Instrument :
BNA_F
ClientSampleId :
PB168614BS

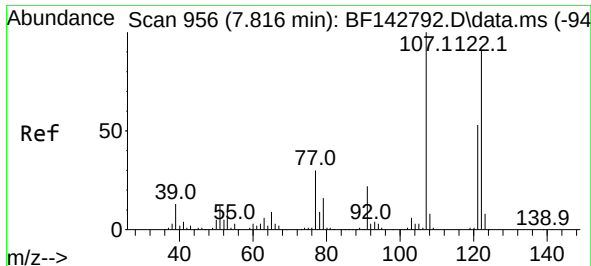
Tgt Ion: 82 Resp: 434502
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 46.126 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:139 Resp: 138627
Ion Ratio Lower Upper
139 100
109 29.1 22.7 34.1
65 48.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.744 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

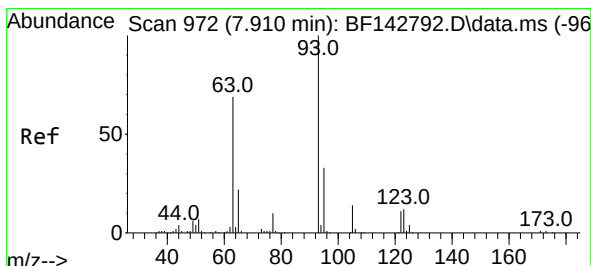
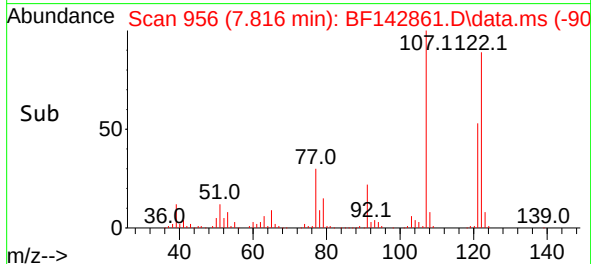
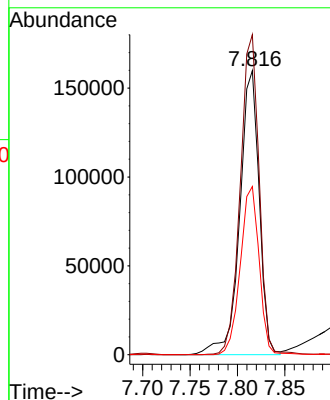
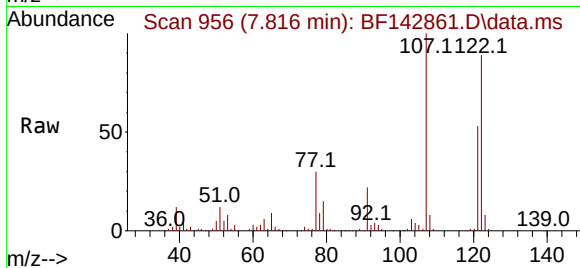
Tgt Ion:122 Resp: 227727

Ion Ratio Lower Upper

122 100

107 112.7 88.0 132.0

121 59.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.245 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

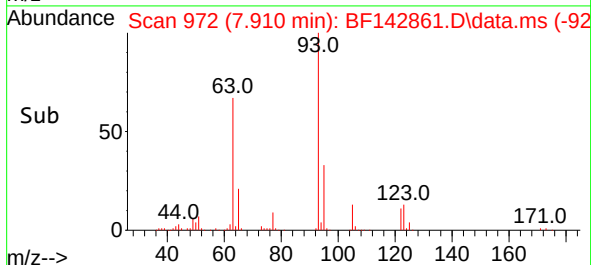
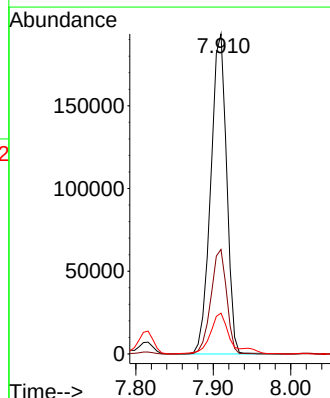
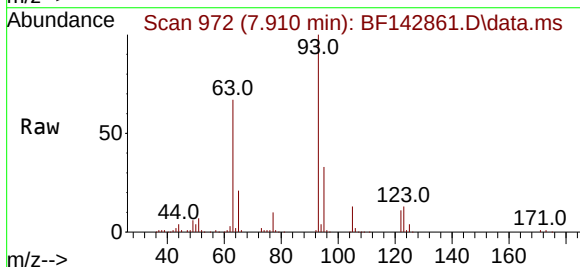
Tgt Ion: 93 Resp: 275052

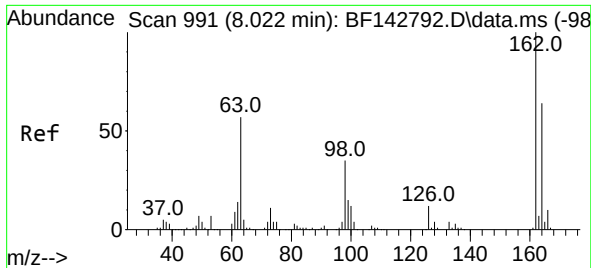
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.675 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF142861.D

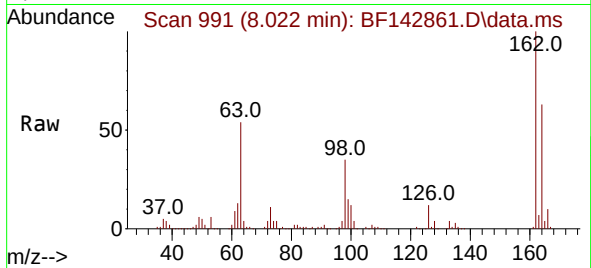
Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS



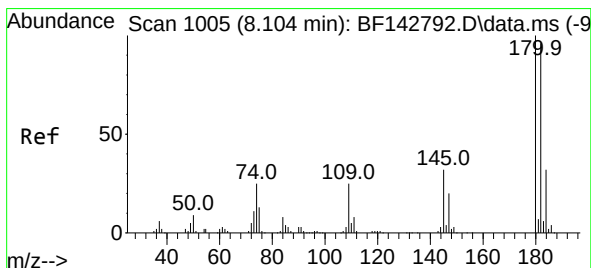
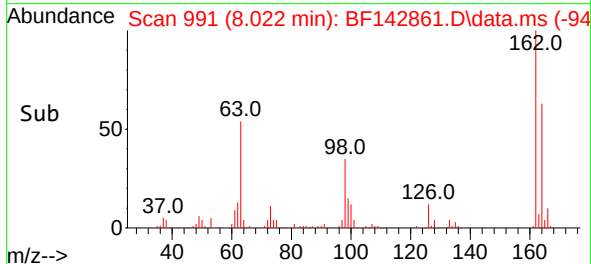
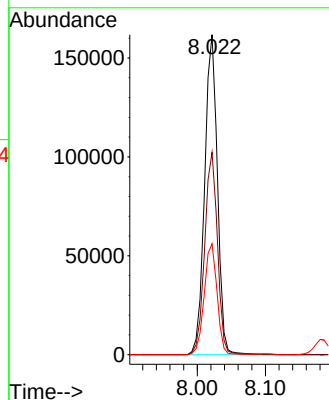
Tgt Ion:162 Resp: 210877

Ion Ratio Lower Upper

162 100

164 63.3 44.0 84.0

98 34.7 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 43.690 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

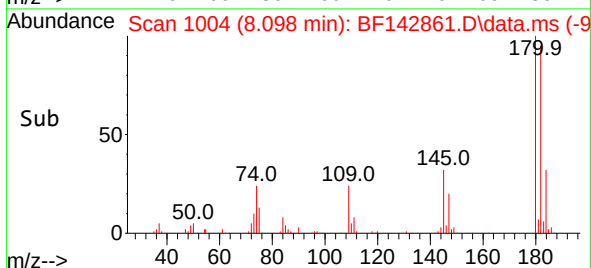
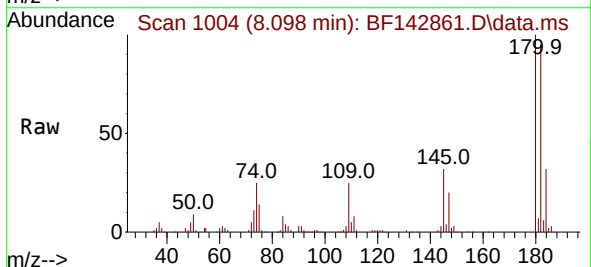
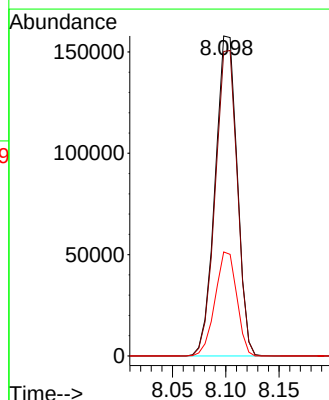
Tgt Ion:180 Resp: 226774

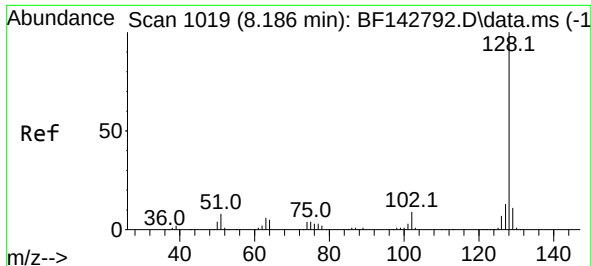
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 32.5 25.8 38.8

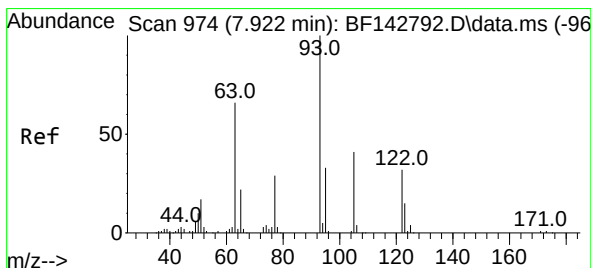
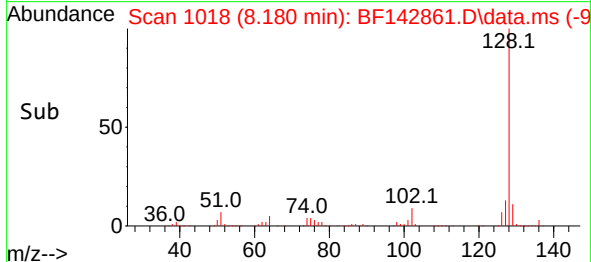
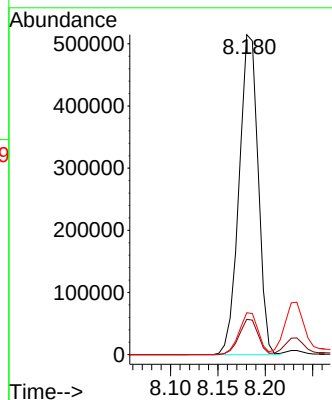
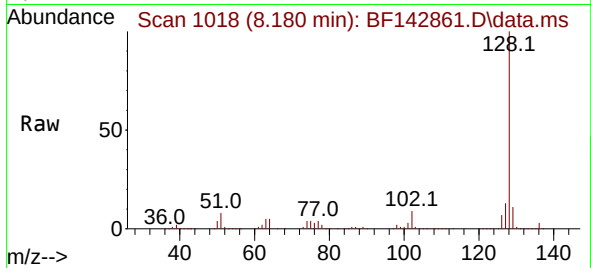




#31
Naphthalene
Concen: 43.920 ng
RT: 8.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

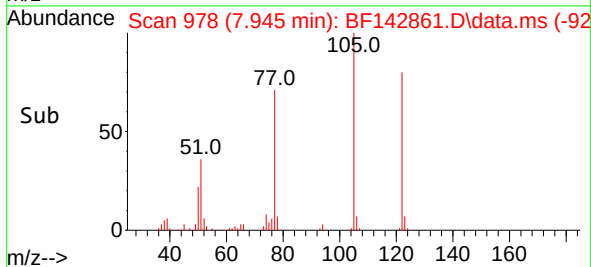
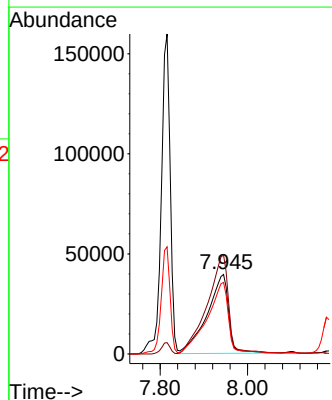
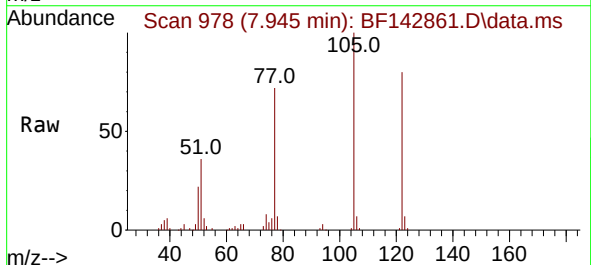
Instrument :
BNA_F
ClientSampleId :
PB168614BS

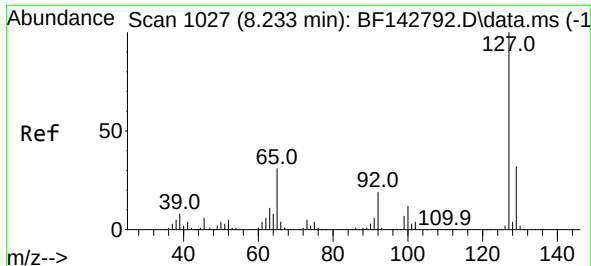
Tgt Ion:128 Resp: 718796
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 50.821 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.023 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:122 Resp: 134846
Ion Ratio Lower Upper
122 100
105 124.3 104.7 144.7
77 90.0 70.2 110.2

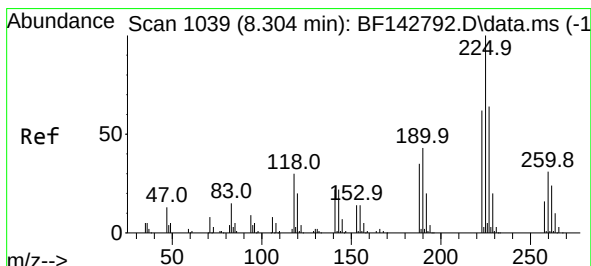
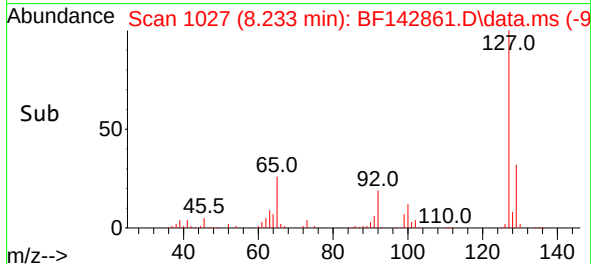
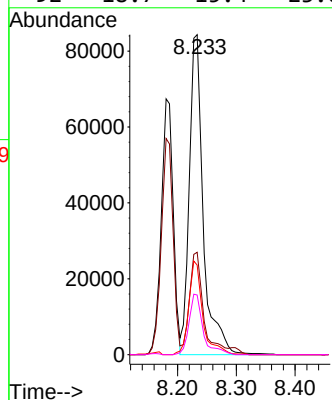
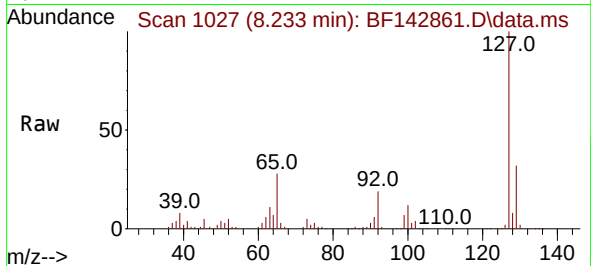




#33
4-Chloroaniline
Concen: 20.966 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

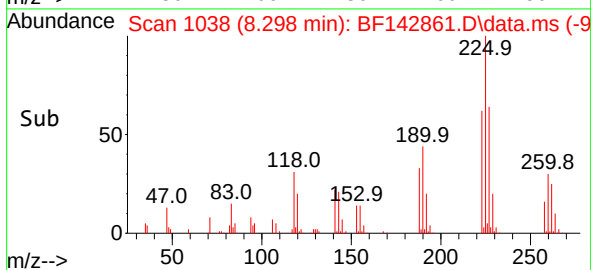
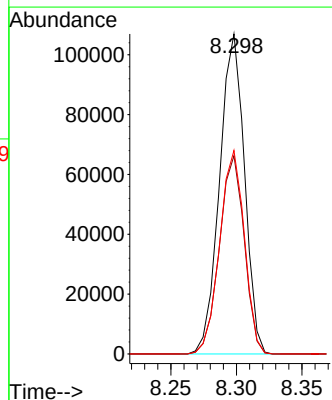
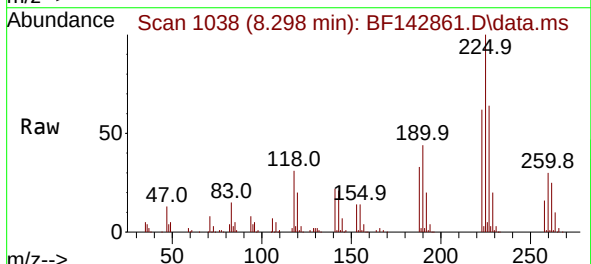
Instrument :
BNA_F
ClientSampleId :
PB168614BS

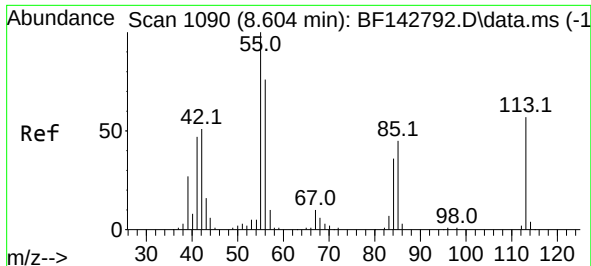
Tgt Ion:	127	Resp:	139524
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	28.0	24.6	36.8
92	18.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.414 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:	225	Resp:	141010
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.9	74.9
227	63.6	51.4	77.0

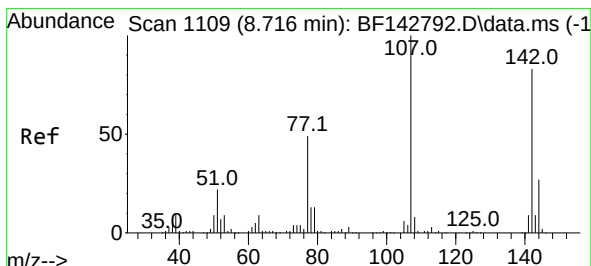
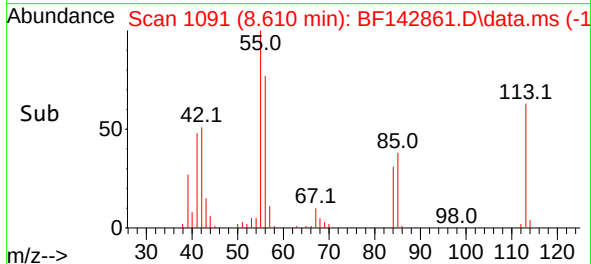
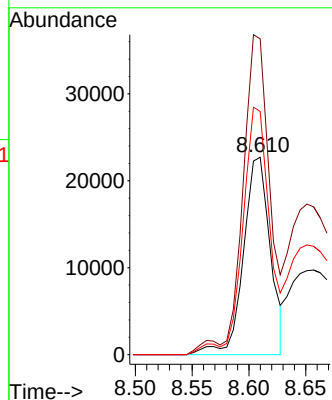
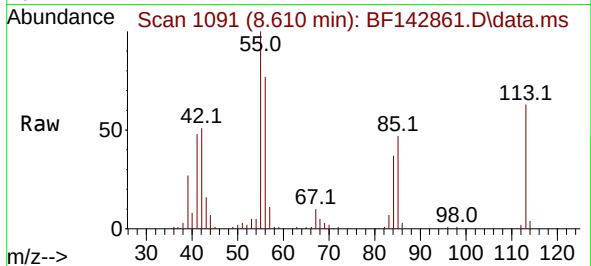




#35
 Caprolactam
 Concen: 29.970 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: BF142861.D
 Acq: 26 Jun 2025 11:36

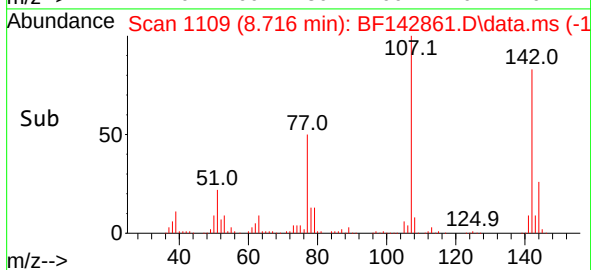
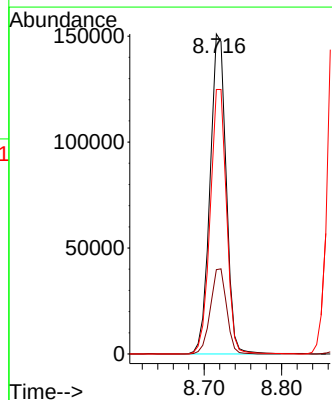
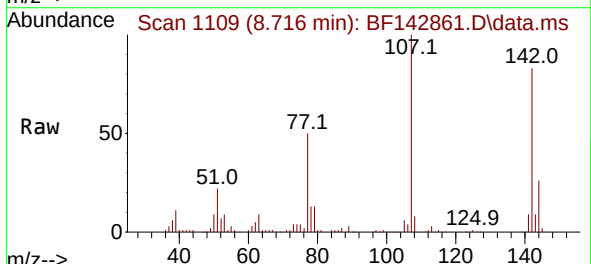
Instrument :
 BNA_F
 ClientSampleId :
 PB168614BS

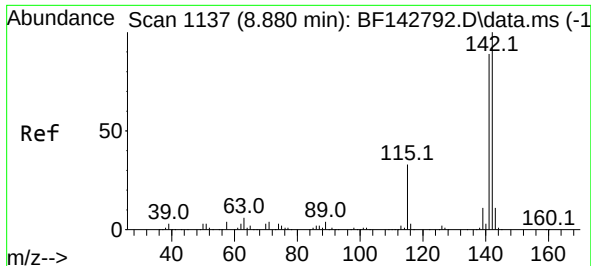
Tgt Ion:113 Resp: 37330
 Ion Ratio Lower Upper
 113 100
 55 159.9 154.4 194.4
 56 123.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.515 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142861.D
 Acq: 26 Jun 2025 11:36

Tgt Ion:107 Resp: 218210
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.3 31.9
 142 82.7 66.6 100.0





#37

2-Methylnaphthalene

Concen: 44.600 ng

RT: 8.874 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

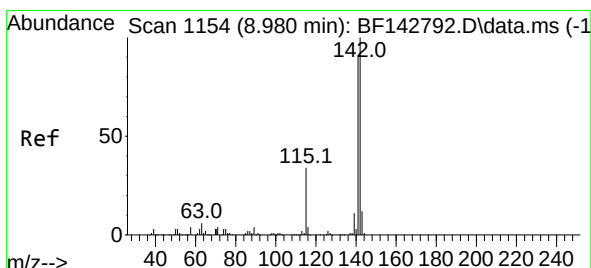
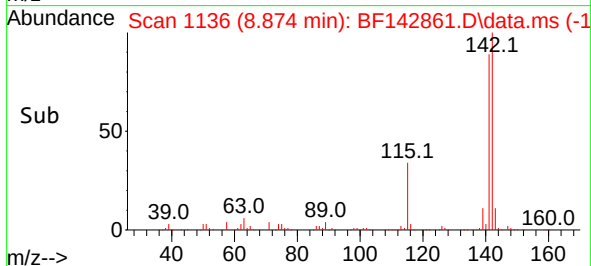
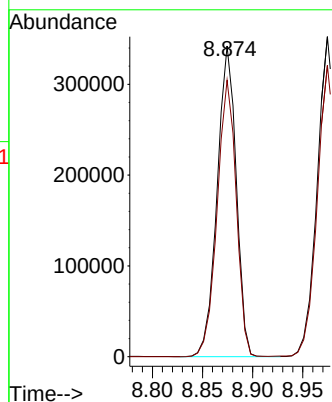
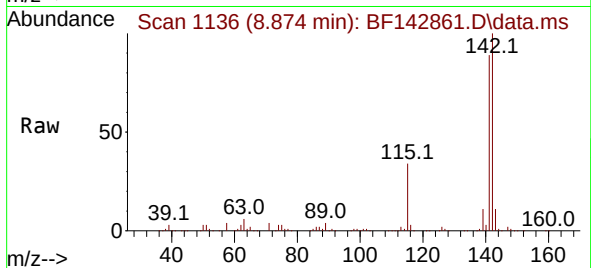
PB168614BS

Tgt Ion:142 Resp: 452518

Ion Ratio Lower Upper

142 100

141 89.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 44.706 ng

RT: 8.974 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142861.D

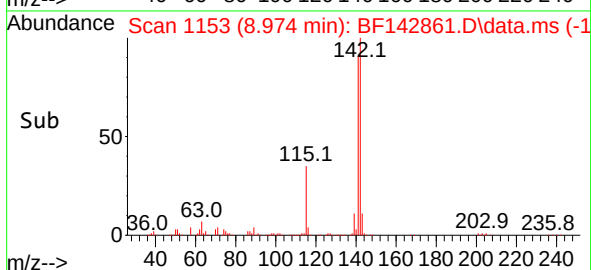
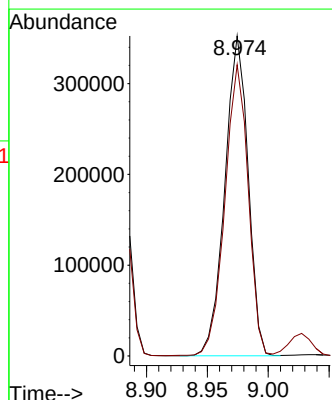
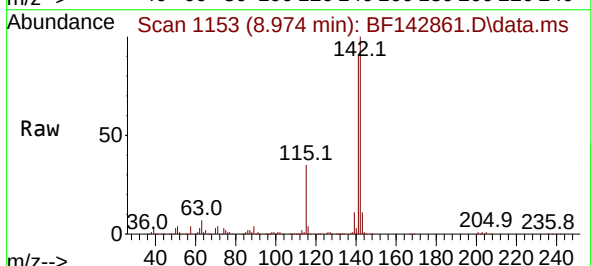
Acq: 26 Jun 2025 11:36

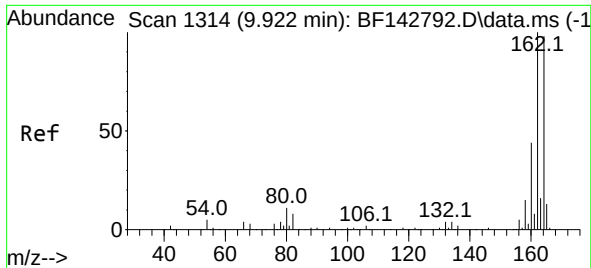
Tgt Ion:142 Resp: 469555

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4

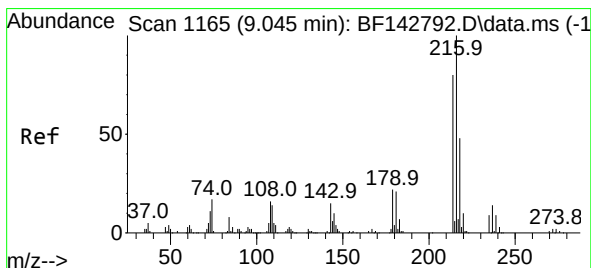
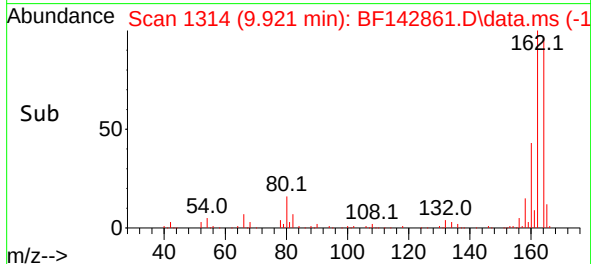
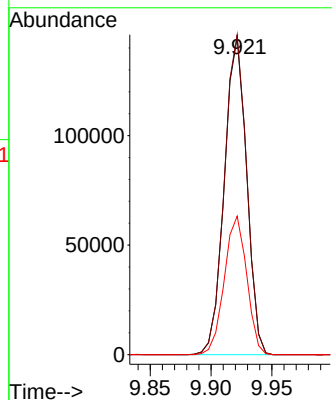
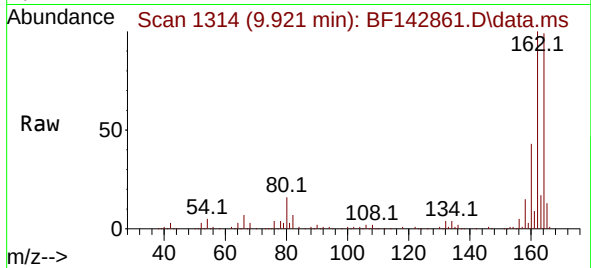




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

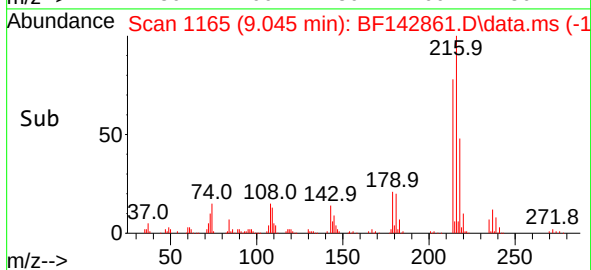
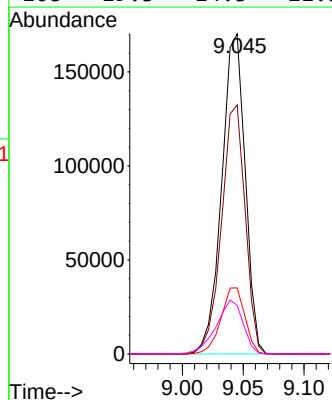
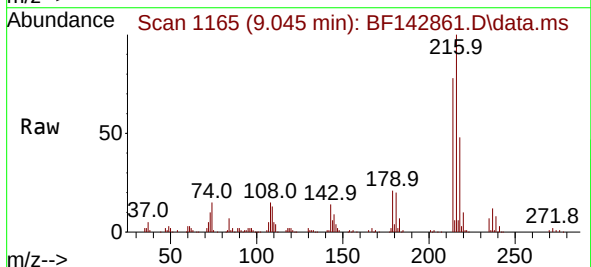
Instrument :
BNA_F
ClientSampleId :
PB168614BS

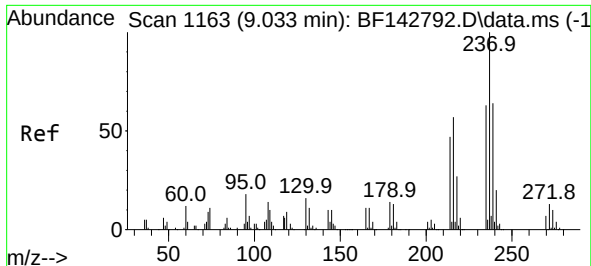
Tgt Ion:164 Resp: 184301
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.8
160 43.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.089 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

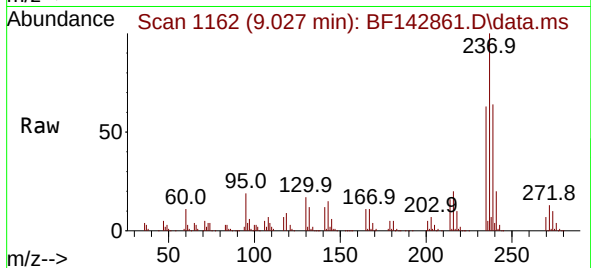
Tgt Ion:216 Resp: 228883
Ion Ratio Lower Upper
216 100
214 78.1 63.7 95.5
179 21.1 17.6 26.4
108 19.3 14.3 21.5



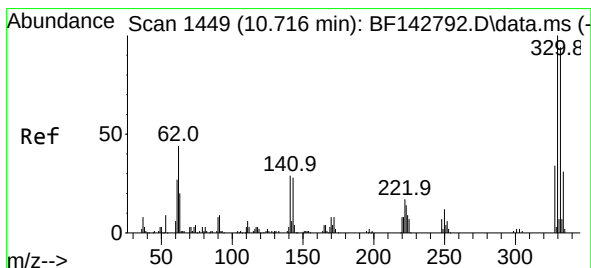
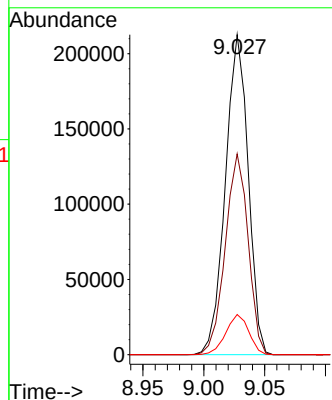
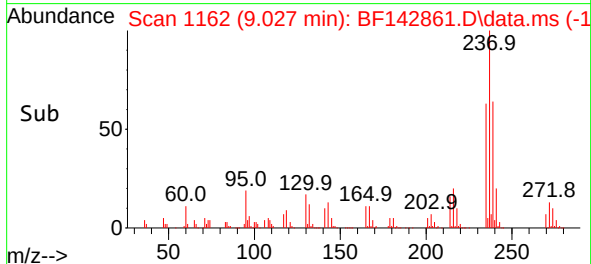


#41
Hexachlorocyclopentadiene
Concen: 89.992 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB168614BS

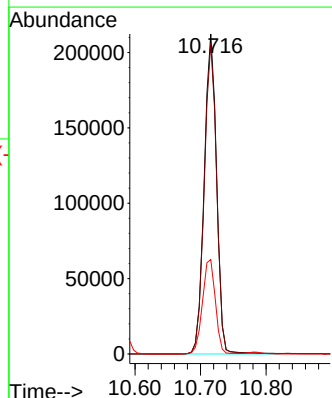
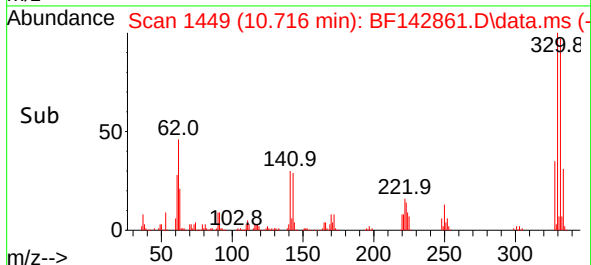
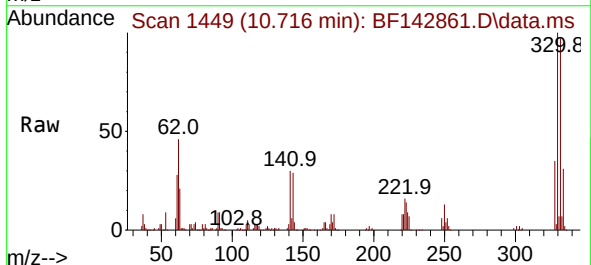


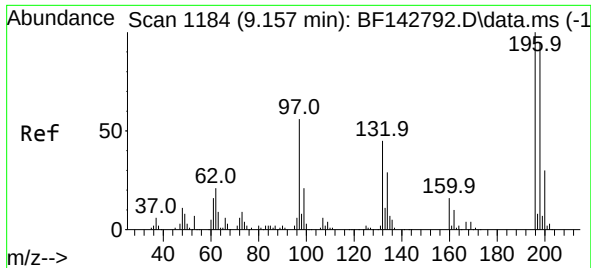
Tgt Ion:237 Resp: 277718
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 147.150 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:330 Resp: 279083
Ion Ratio Lower Upper
330 100
332 97.3 75.0 112.6
141 30.9 25.3 37.9

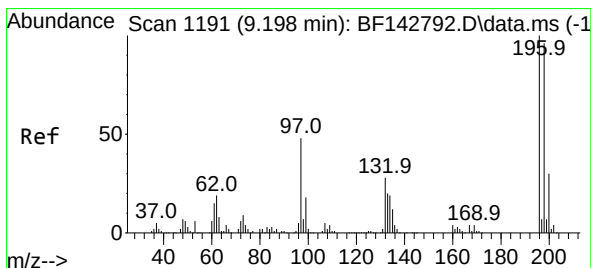
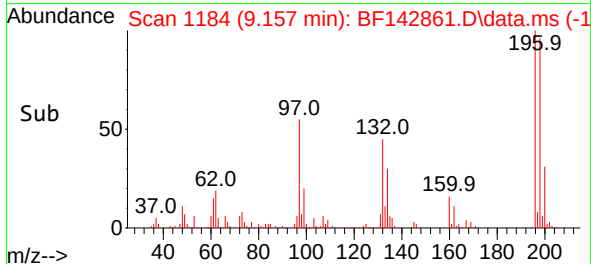
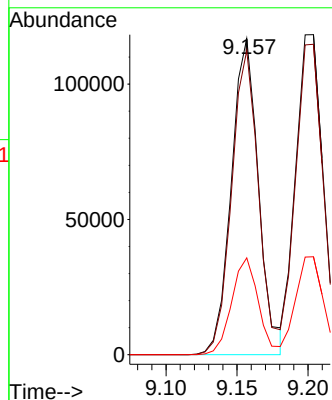
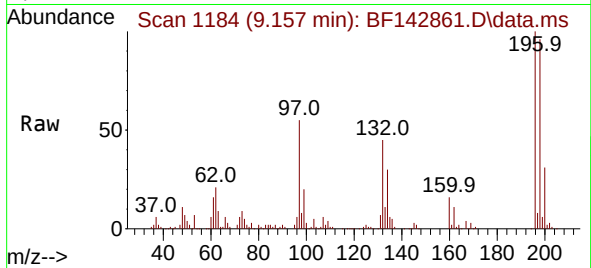




#43
2,4,6-Trichlorophenol
Concen: 43.877 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

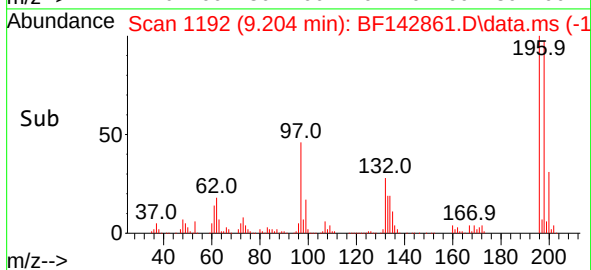
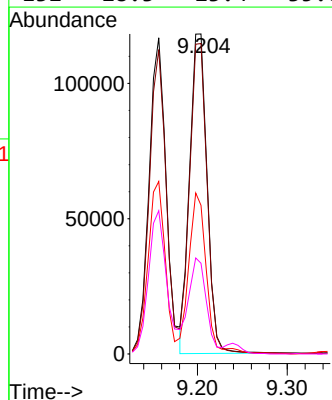
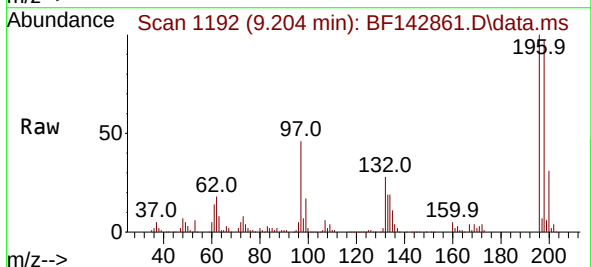
Instrument :
BNA_F
ClientSampleId :
PB168614BS

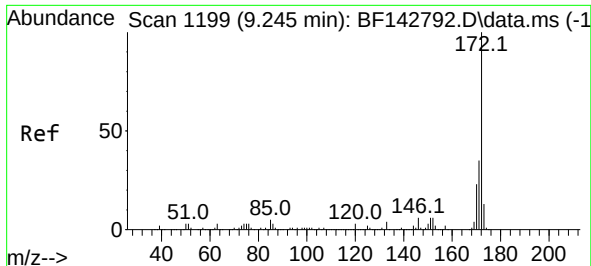
Tgt Ion:196 Resp: 155483
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
200 30.6 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 42.830 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:196 Resp: 159767
Ion Ratio Lower Upper
196 100
198 97.0 76.6 115.0
97 46.5 38.2 57.2
132 28.3 23.4 35.0

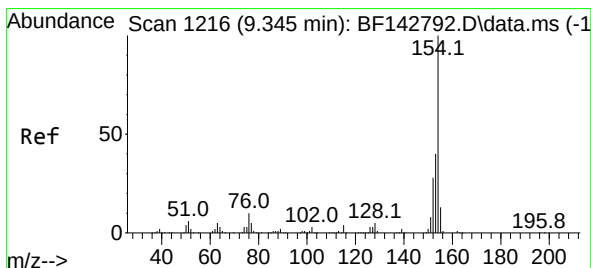
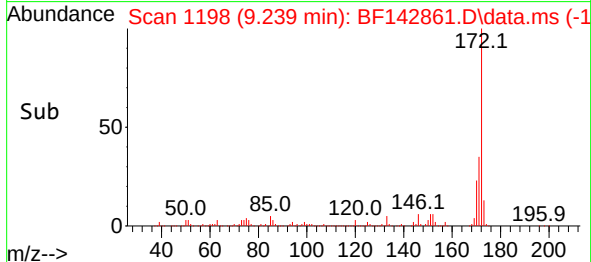
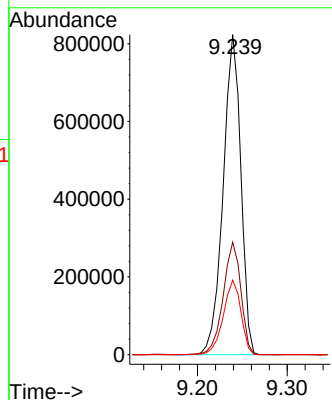
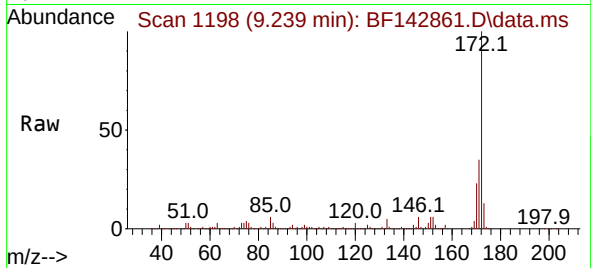




#45
2-Fluorobiphenyl
Concen: 80.284 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

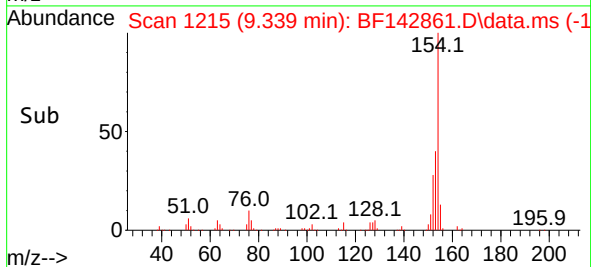
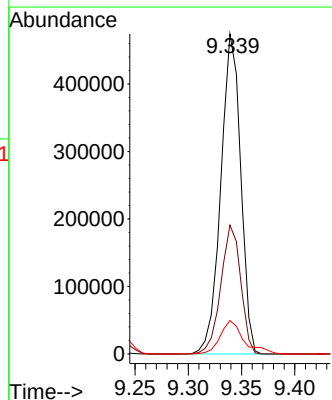
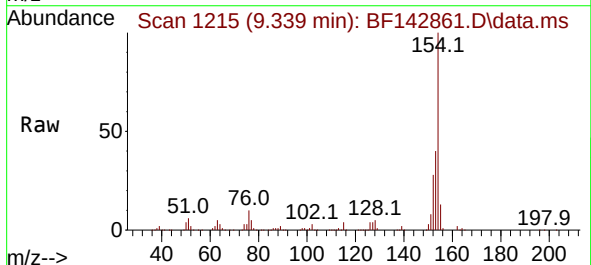
Instrument :
BNA_F
ClientSampleId :
PB168614BS

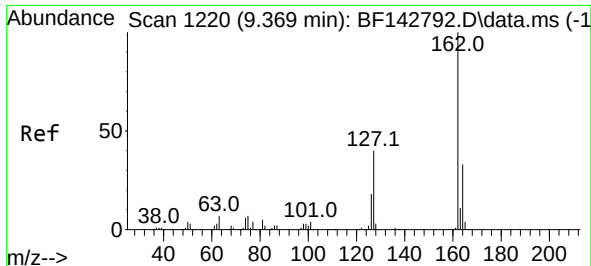
Tgt Ion:172 Resp: 1126344
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 42.186 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:154 Resp: 614169
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 10.4 0.0 30.3

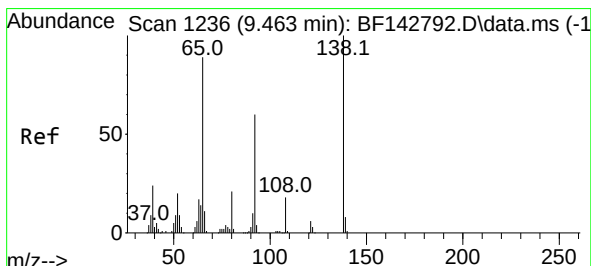
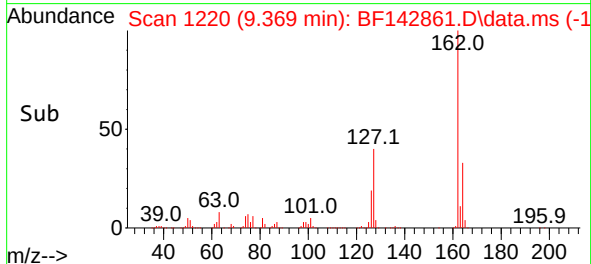
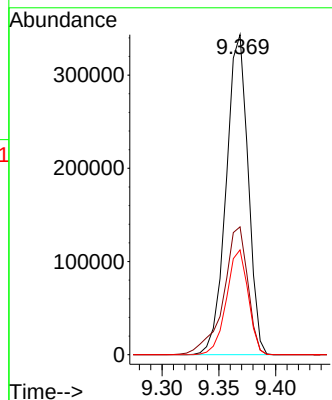
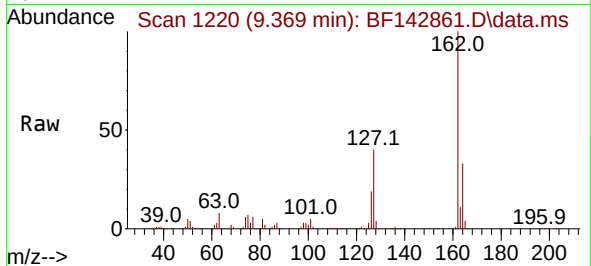




#47
2-Chloronaphthalene
Concen: 42.128 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

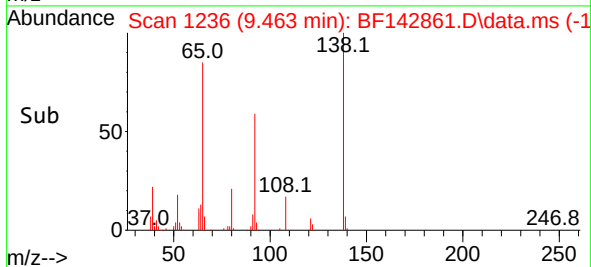
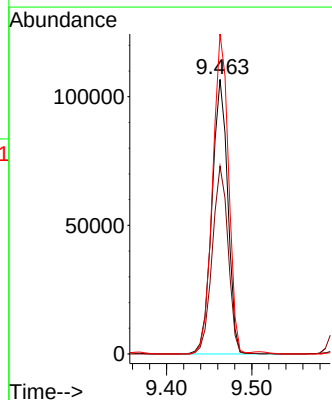
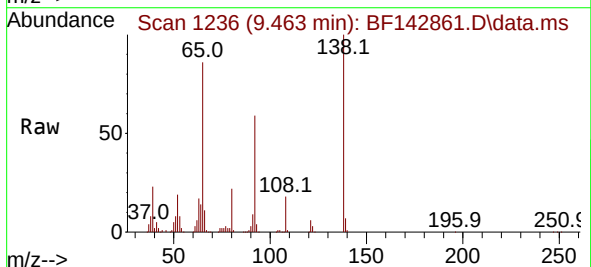
Instrument :
BNA_F
ClientSampleId :
PB168614BS

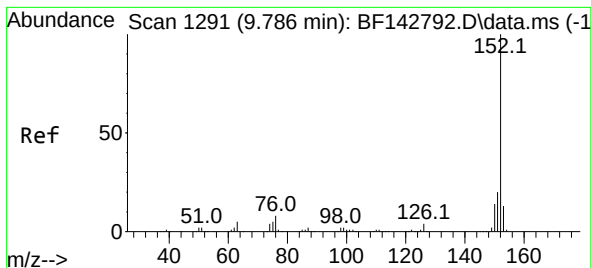
Tgt Ion:162 Resp: 460263
Ion Ratio Lower Upper
162 100
127 39.9 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 45.035 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion: 65 Resp: 137940
Ion Ratio Lower Upper
65 100
92 68.4 53.8 80.6
138 116.5 89.6 134.4





#49

Acenaphthylene

Concen: 42.776 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

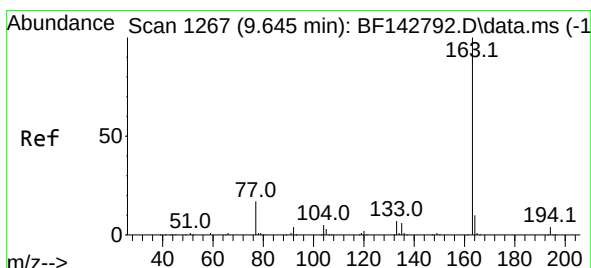
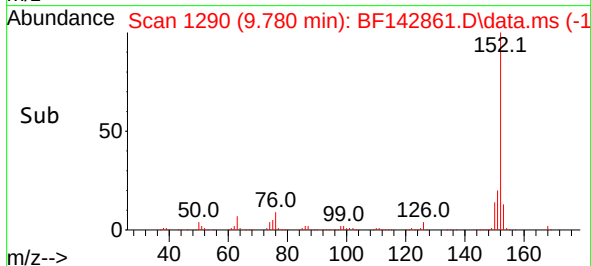
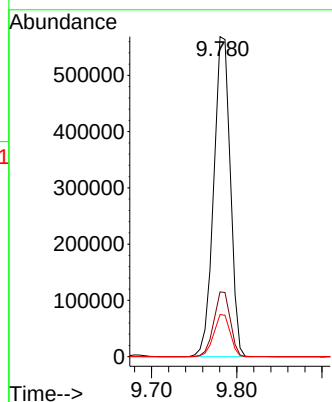
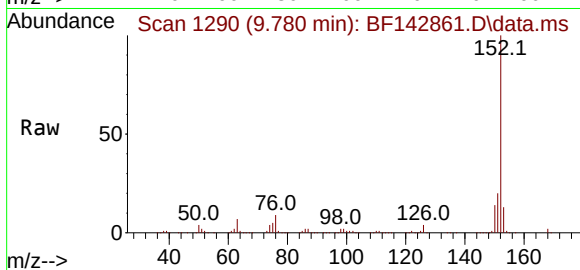
Tgt Ion:152 Resp: 769347

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 45.738 ng

RT: 9.645 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

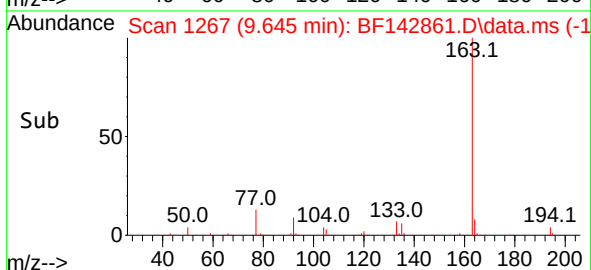
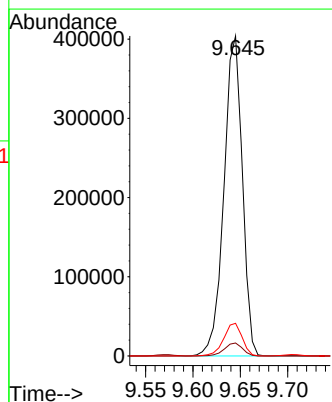
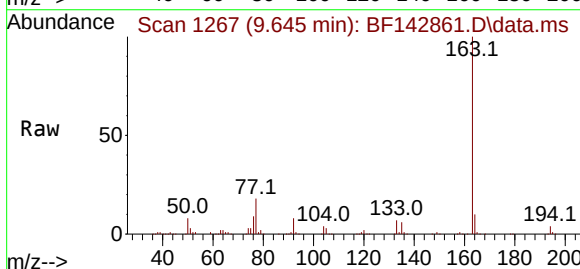
Tgt Ion:163 Resp: 545646

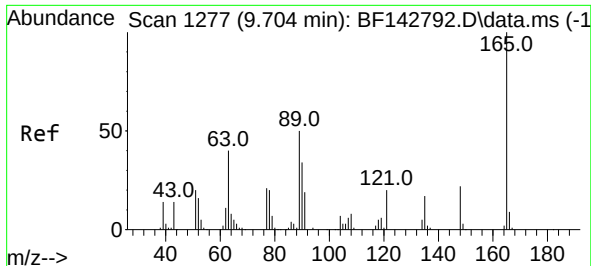
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.0 12.0

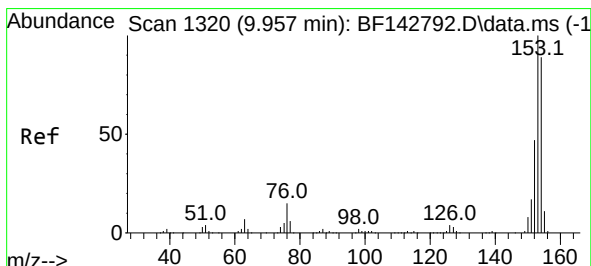
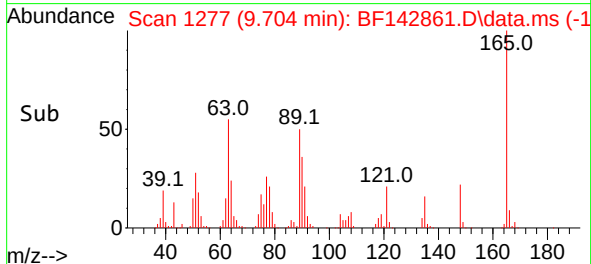
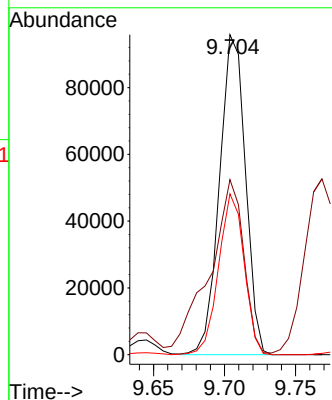
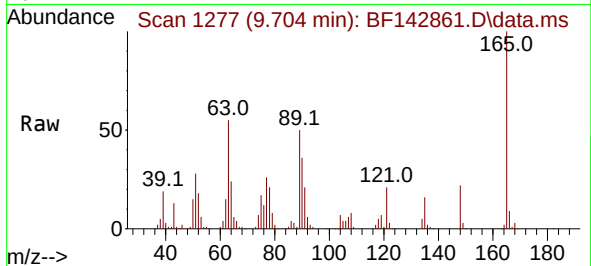




#51
2,6-Dinitrotoluene
Concen: 46.525 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

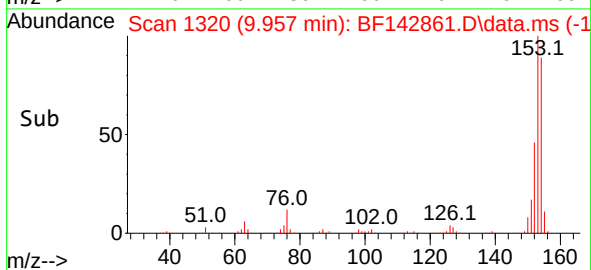
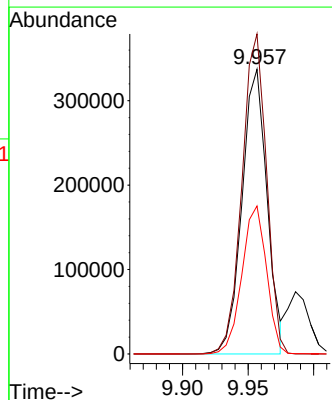
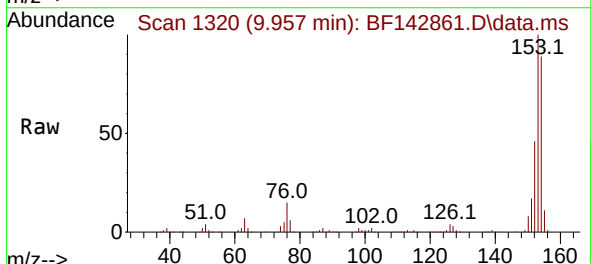
Instrument :
BNA_F
ClientSampleId :
PB168614BS

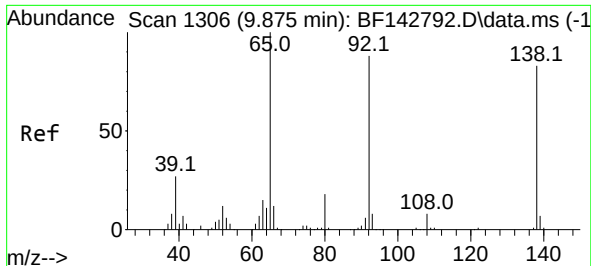
Tgt Ion:165 Resp: 121891
Ion Ratio Lower Upper
165 100
63 54.7 44.2 66.4
89 50.3 39.8 59.8



#52
Acenaphthene
Concen: 40.980 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:154 Resp: 449683
Ion Ratio Lower Upper
154 100
153 112.4 90.0 135.0
152 52.0 41.9 62.9

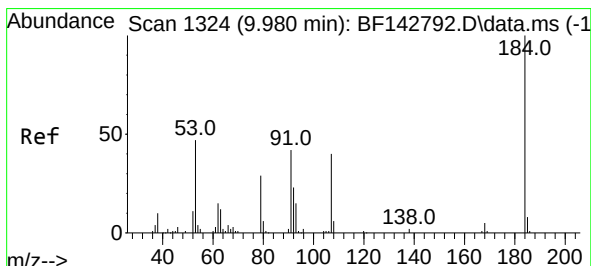
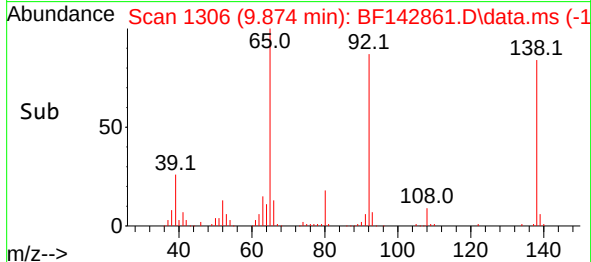
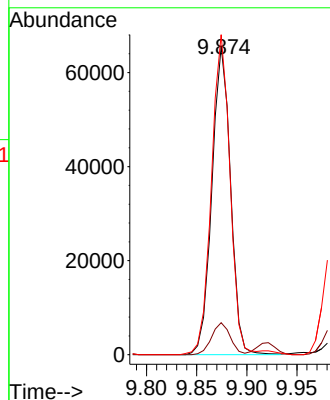
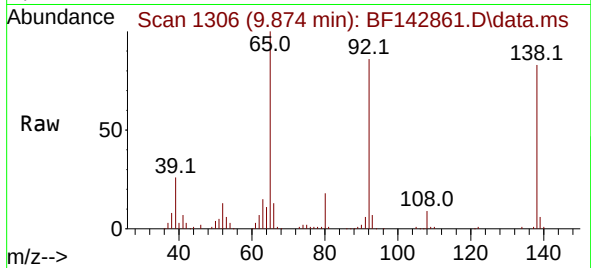




#53
3-Nitroaniline
Concen: 29.357 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

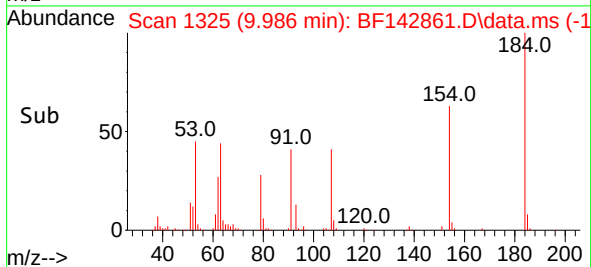
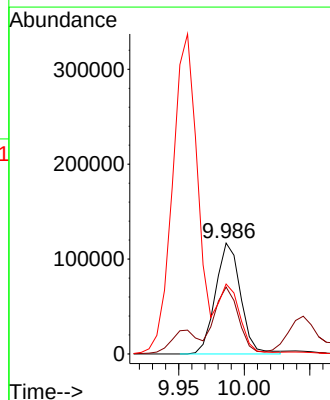
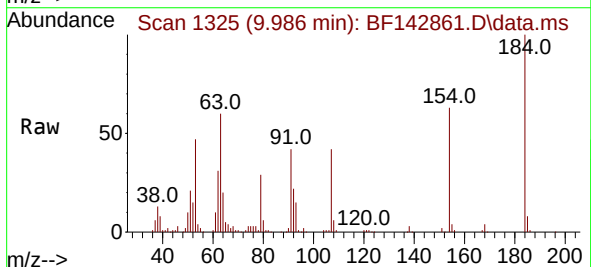
Instrument :
BNA_F
ClientSampleId :
PB168614BS

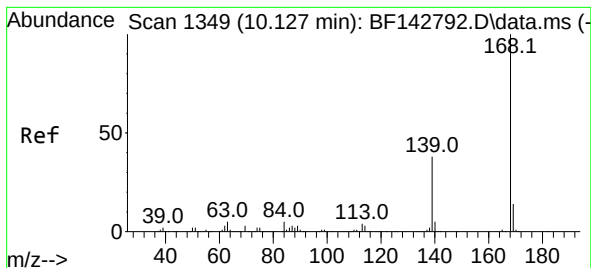
Tgt Ion:138 Resp: 84681
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 103.7 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 118.697 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:184 Resp: 155712
Ion Ratio Lower Upper
184 100
63 60.3 50.6 75.8
154 63.1 51.8 77.8





#55

Dibenzofuran

Concen: 43.108 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

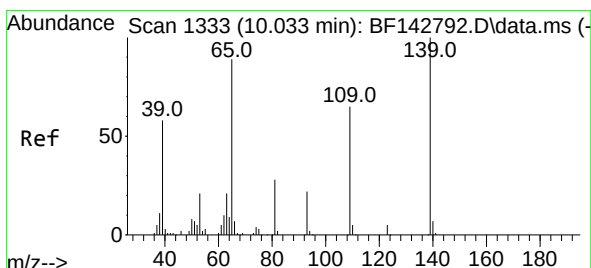
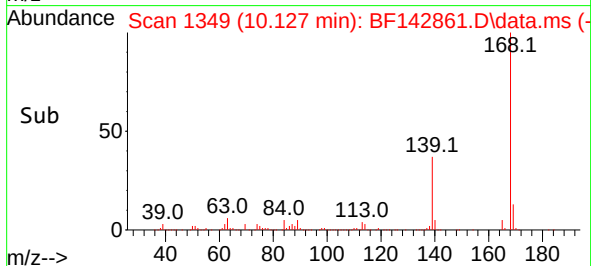
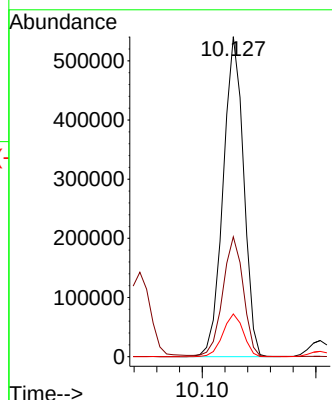
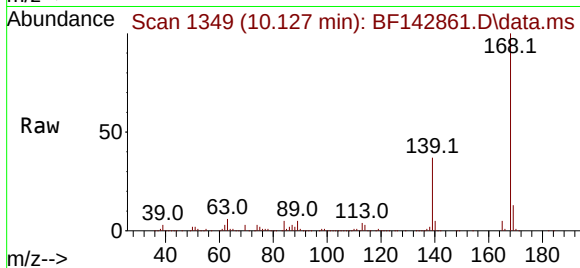
Tgt Ion:168 Resp: 678318

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 102.192 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

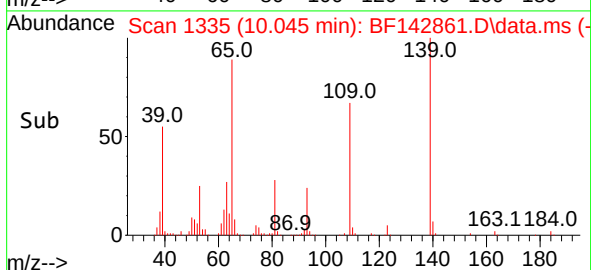
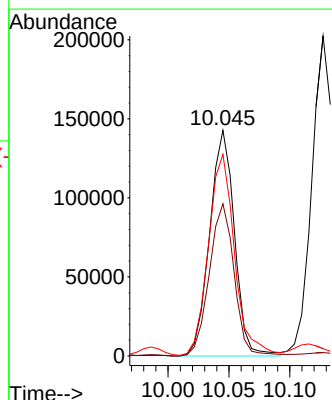
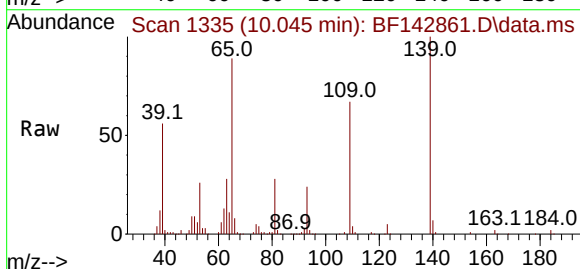
Tgt Ion:139 Resp: 201806

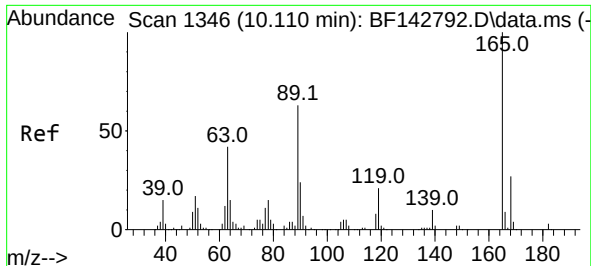
Ion Ratio Lower Upper

139 100

109 67.5 44.7 84.7

65 89.3 69.8 109.8

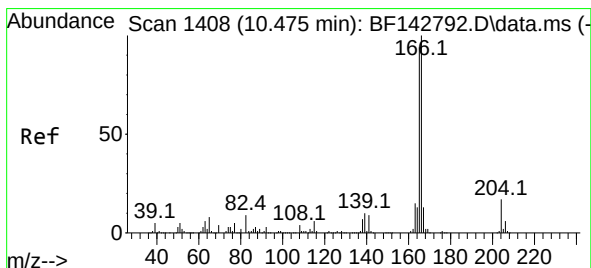
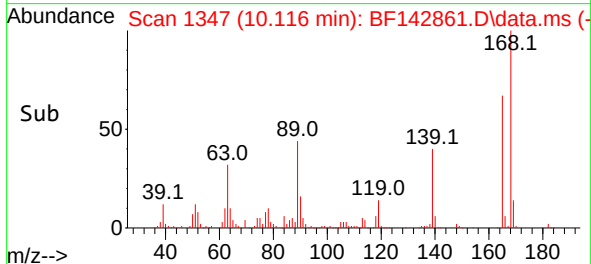
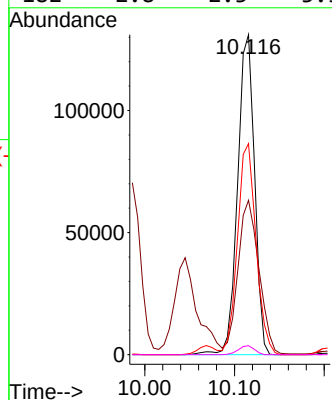
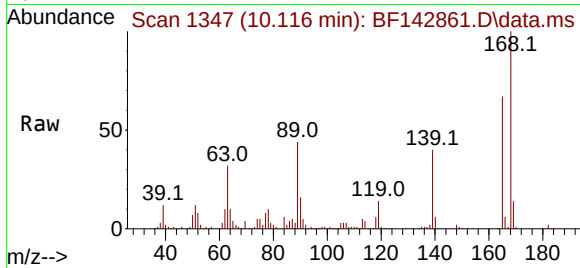




#57
2,4-Dinitrotoluene
Concen: 49.339 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

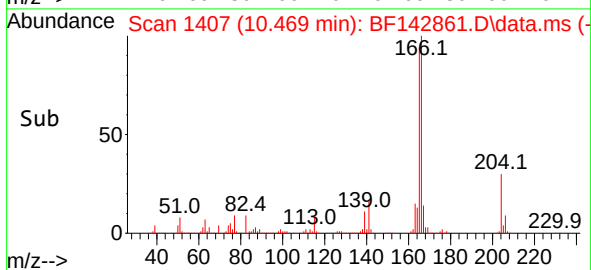
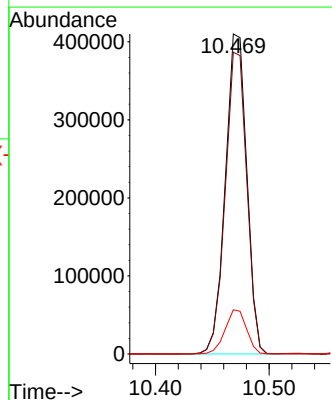
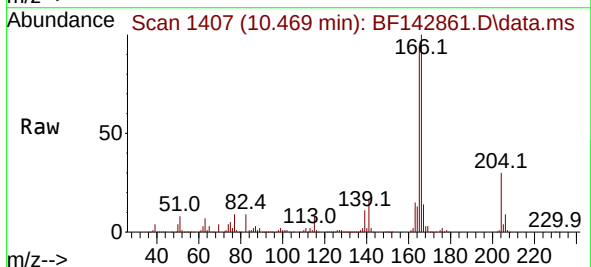
Instrument :
BNA_F
ClientSampleId :
PB168614BS

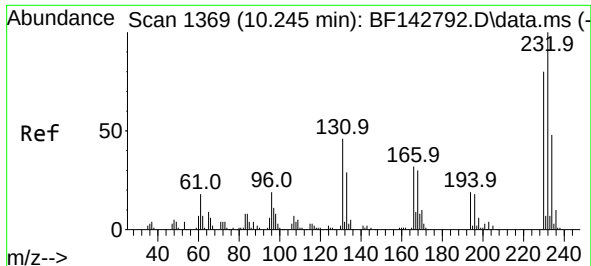
Tgt Ion:165 Resp: 171701
Ion Ratio Lower Upper
165 100
63 48.3 33.9 50.9
89 66.0 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.881 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:166 Resp: 539266
Ion Ratio Lower Upper
166 100
165 94.3 75.2 112.8
167 13.8 10.6 15.8

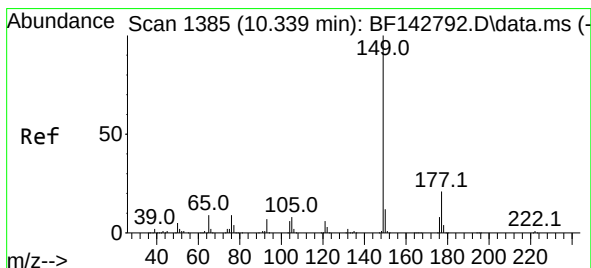
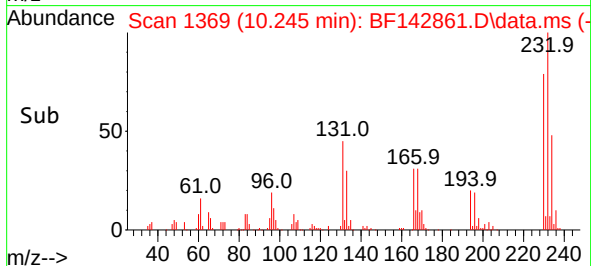
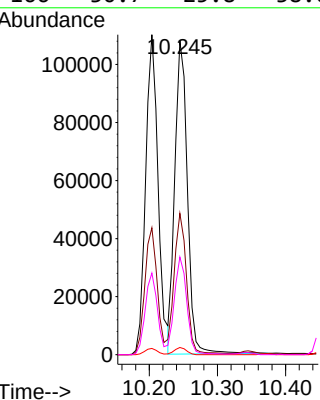
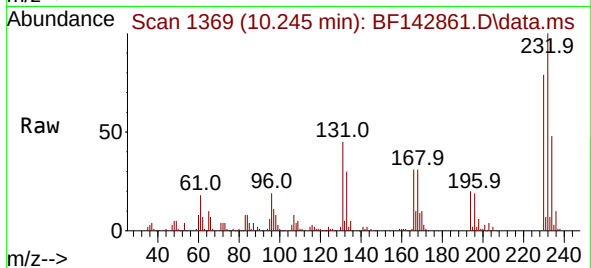




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.819 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

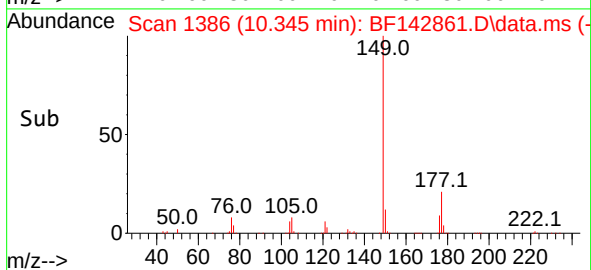
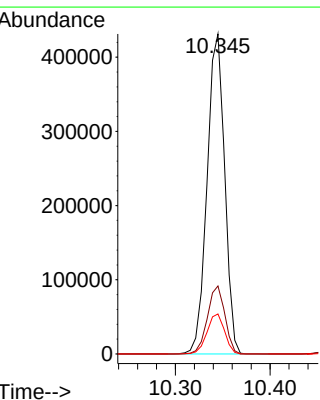
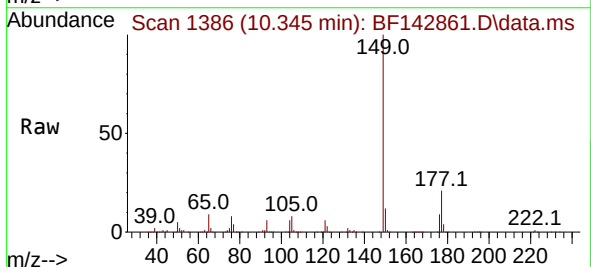
Instrument :
BNA_F
ClientSampleId :
PB168614BS

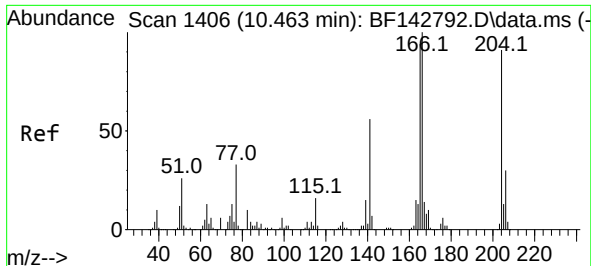
Tgt Ion:232 Resp: 137769
Ion Ratio Lower Upper
232 100
131 45.3 37.6 56.4
130 2.3 1.7 2.5
166 30.7 25.8 38.6



#60
Diethylphthalate
Concen: 47.691 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:149 Resp: 557848
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.5 9.8 14.6

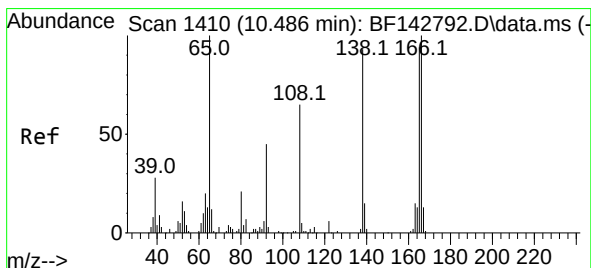
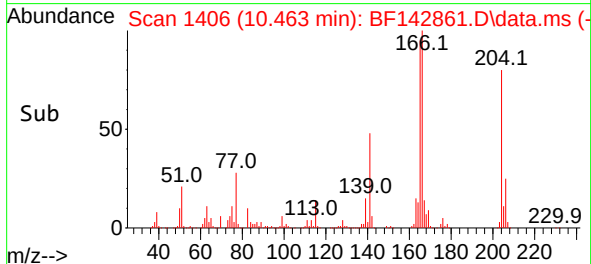
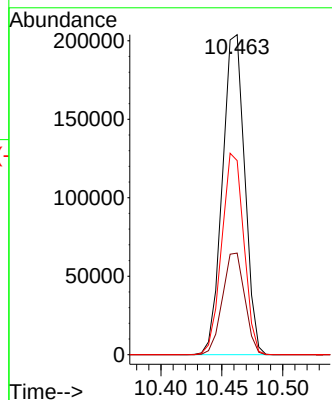
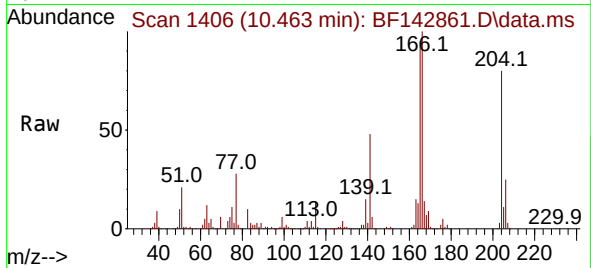




#61
4-Chlorophenyl-phenylether
Concen: 44.366 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

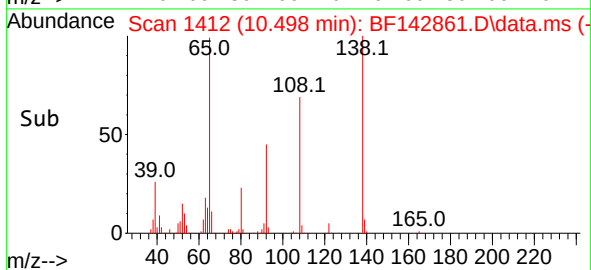
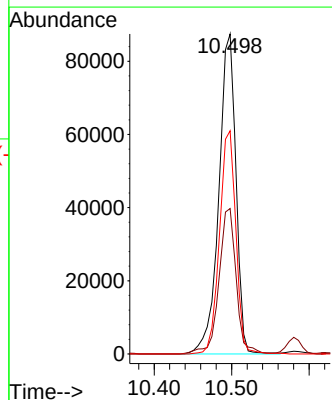
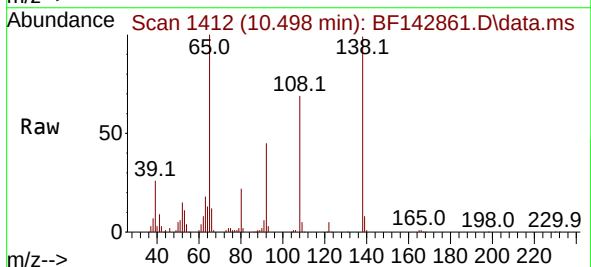
Instrument :
BNA_F
ClientSampleId :
PB168614BS

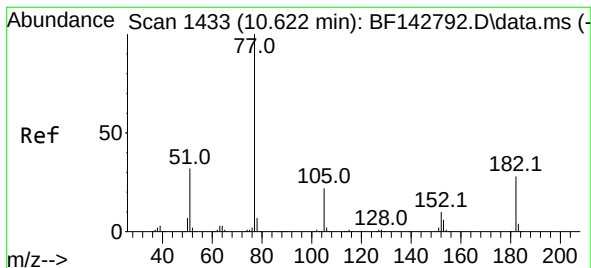
Tgt Ion:204 Resp: 260169
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 60.6 49.1 73.7



#62
4-Nitroaniline
Concen: 50.855 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:138 Resp: 134161
Ion Ratio Lower Upper
138 100
92 45.4 28.4 68.4
108 69.8 50.2 90.2





#63

Azobenzene

Concen: 44.256 ng

RT: 10.621 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

Tgt Ion: 77 Resp: 462664

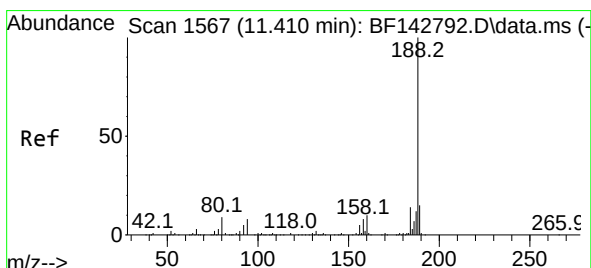
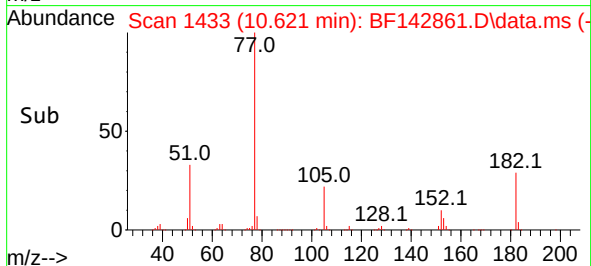
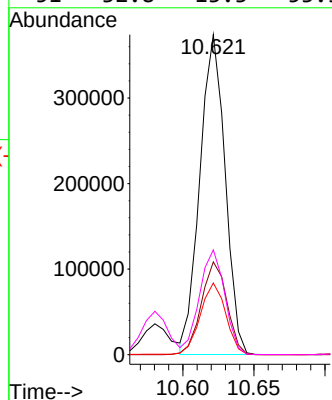
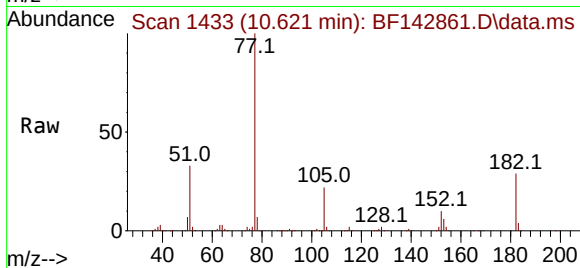
Ion Ratio Lower Upper

77 100

182 29.0 7.7 47.7

105 22.4 1.9 41.9

51 32.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

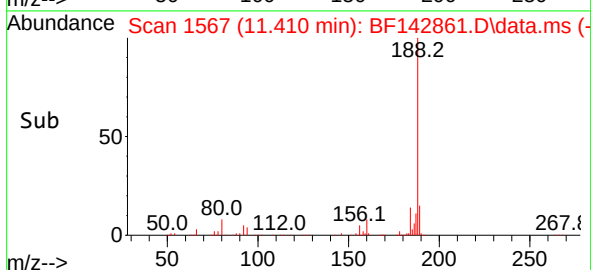
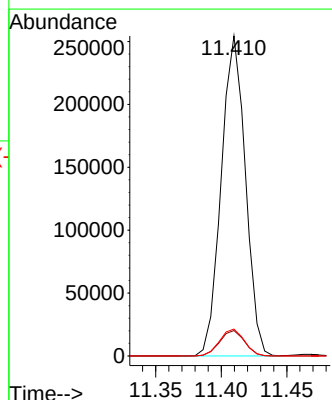
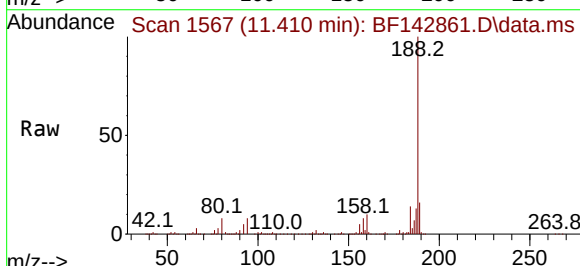
Tgt Ion: 188 Resp: 326170

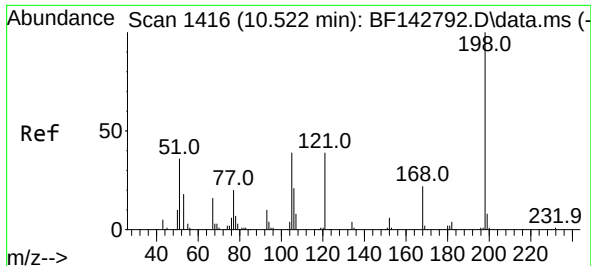
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 8.4 6.9 10.3

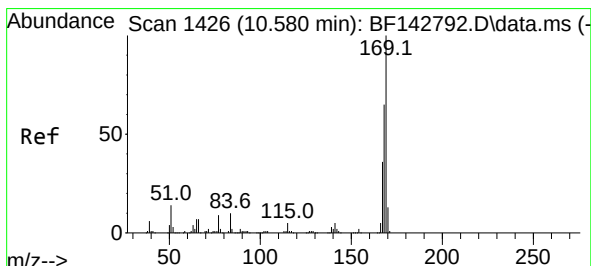
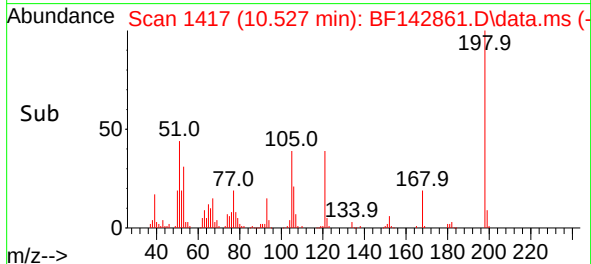
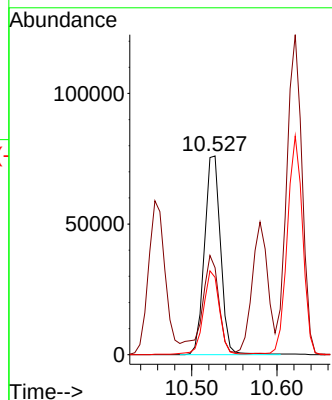
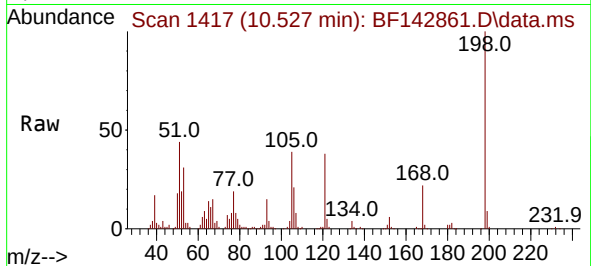




#65
4,6-Dinitro-2-methylphenol
Concen: 50.665 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

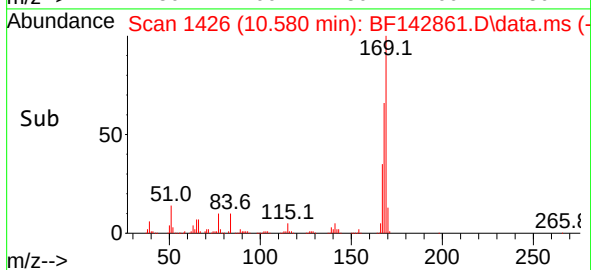
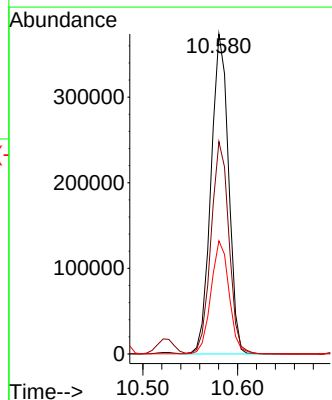
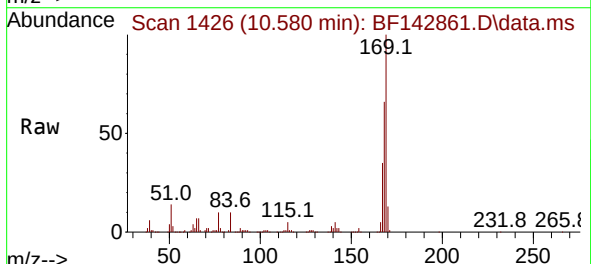
Instrument :
BNA_F
ClientSampleId :
PB168614BS

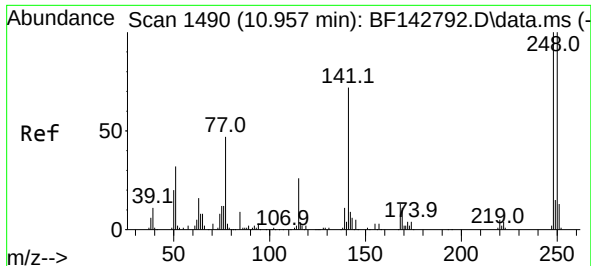
Tgt Ion:198 Resp: 99956
Ion Ratio Lower Upper
198 100
51 43.7 25.4 65.4
105 38.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 42.428 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:169 Resp: 479613
Ion Ratio Lower Upper
169 100
168 66.4 51.9 77.9
167 35.4 28.5 42.7

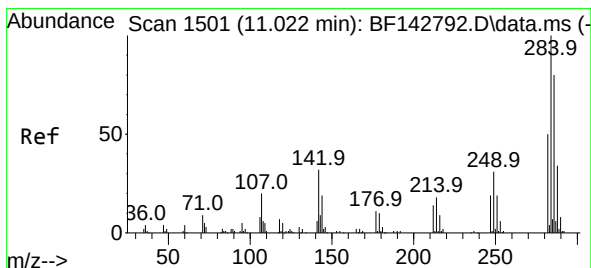
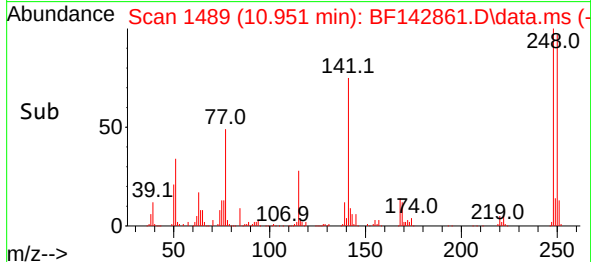
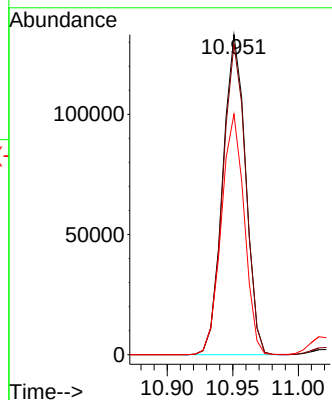
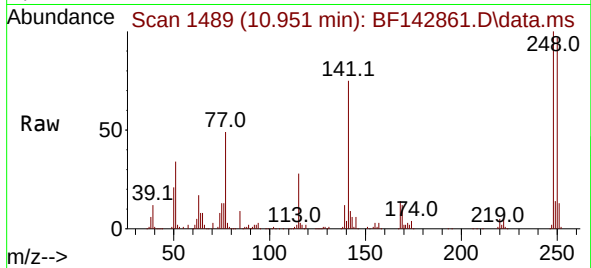




#67
4-Bromophenyl-phenylether
Concen: 43.517 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

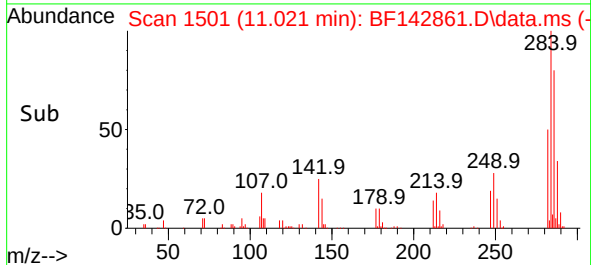
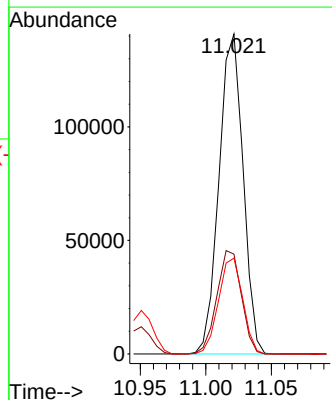
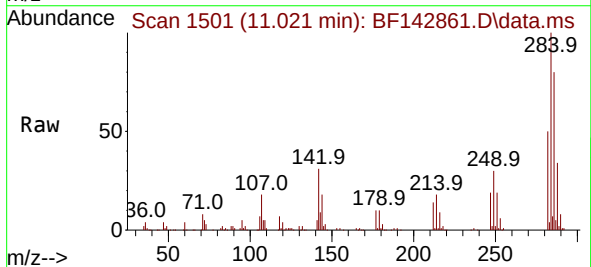
Instrument :
BNA_F
ClientSampleId :
PB168614BS

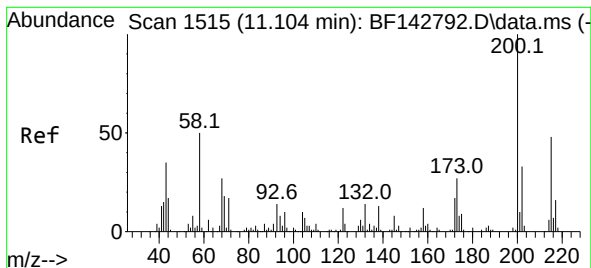
Tgt Ion:248 Resp: 161540
Ion Ratio Lower Upper
248 100
250 97.0 79.8 119.8
141 75.1 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.558 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:284 Resp: 179668
Ion Ratio Lower Upper
284 100
142 31.2 25.5 38.3
249 29.9 24.9 37.3





#69

Atrazine

Concen: 51.728 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

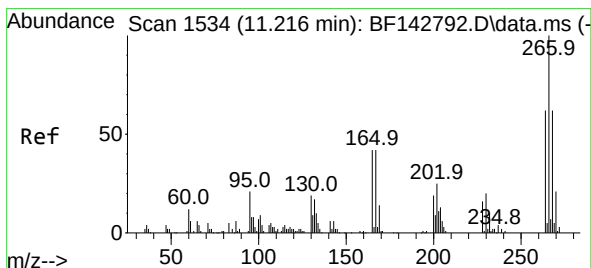
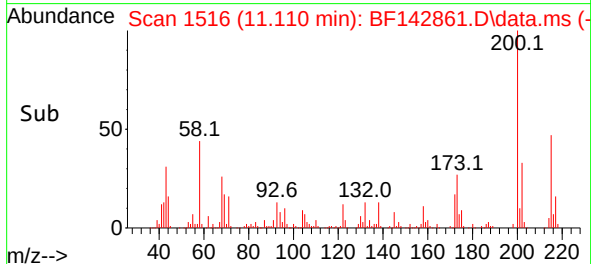
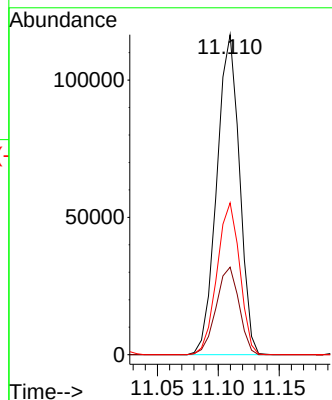
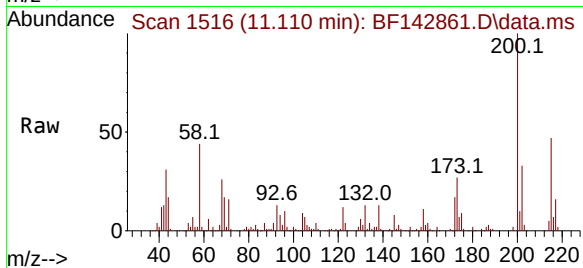
Tgt Ion:200 Resp: 151001

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 47.5 28.4 68.4



#70

Pentachlorophenol

Concen: 98.501 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

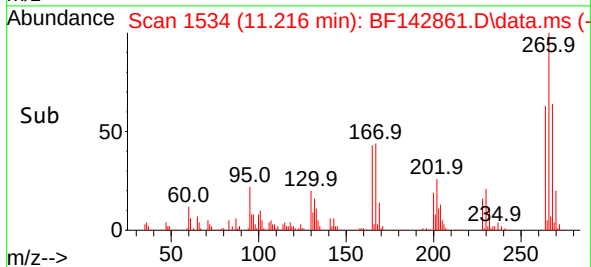
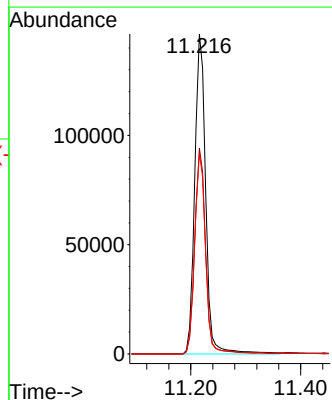
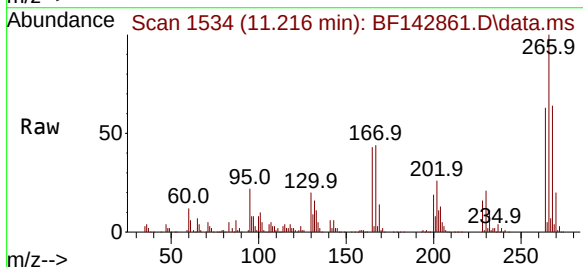
Tgt Ion:266 Resp: 202457

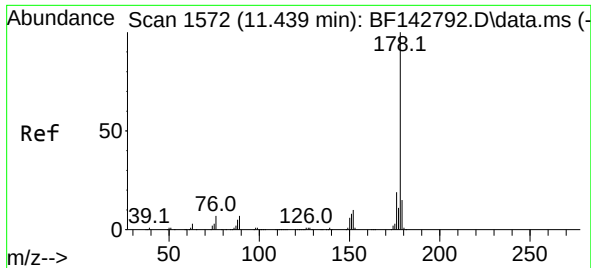
Ion Ratio Lower Upper

266 100

268 64.3 49.8 74.8

264 62.8 49.9 74.9

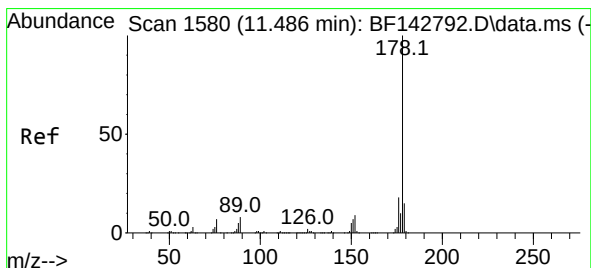
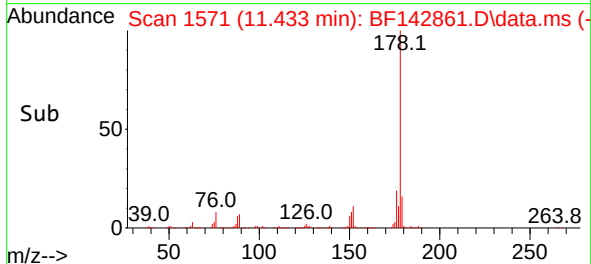
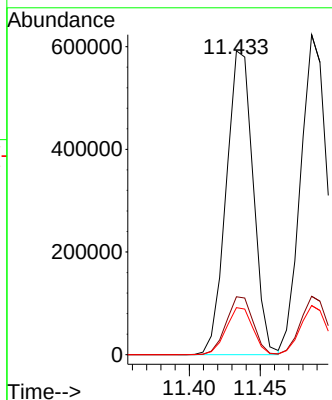
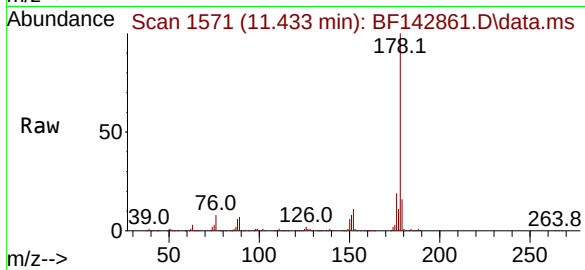




#71
Phenanthrene
Concen: 44.181 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

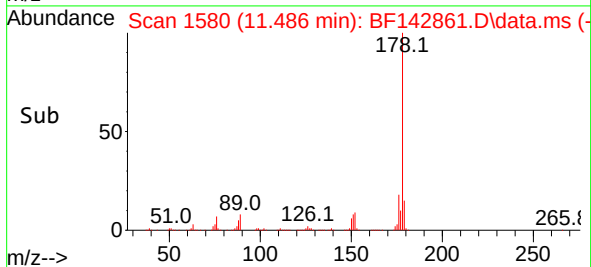
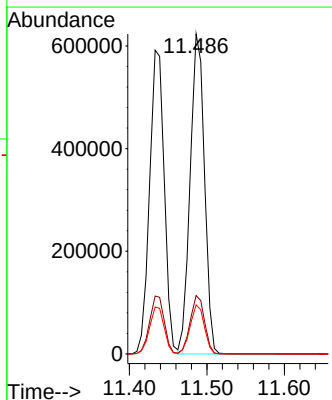
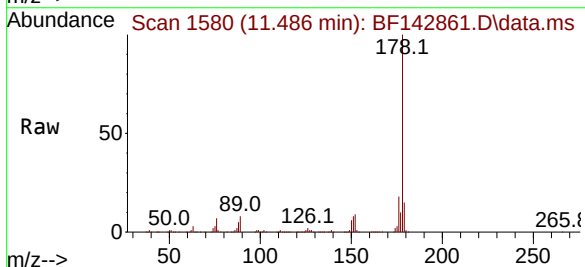
Instrument :
BNA_F
ClientSampleId :
PB168614BS

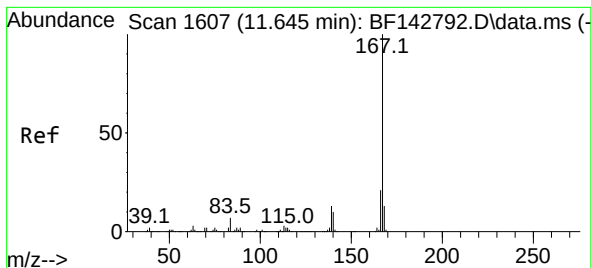
Tgt Ion:178 Resp: 780620
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 12.0 18.0



#72
Anthracene
Concen: 44.129 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:178 Resp: 799654
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6





#73

Carbazole

Concen: 46.642 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

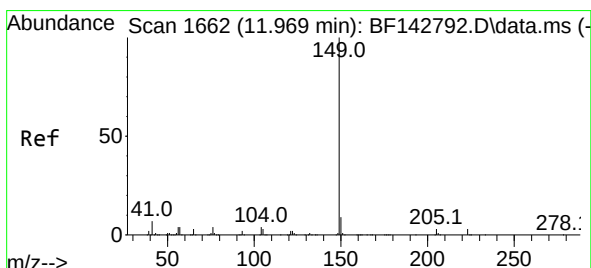
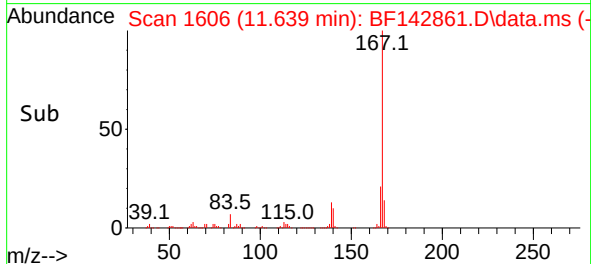
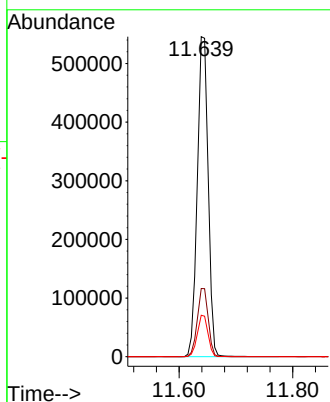
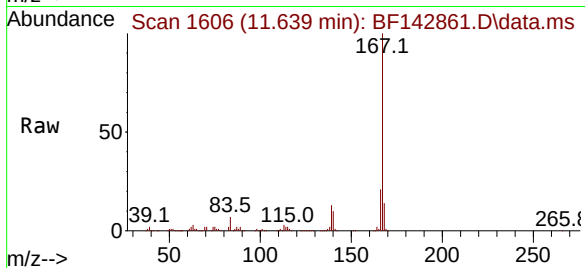
Tgt Ion:167 Resp: 729365

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 52.908 ng

RT: 11.968 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

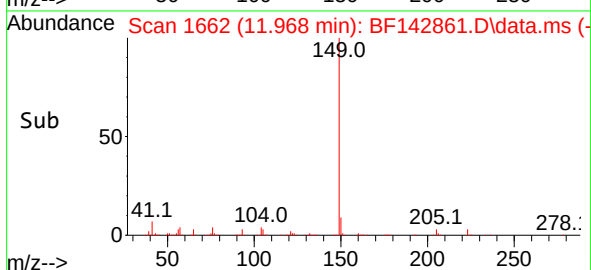
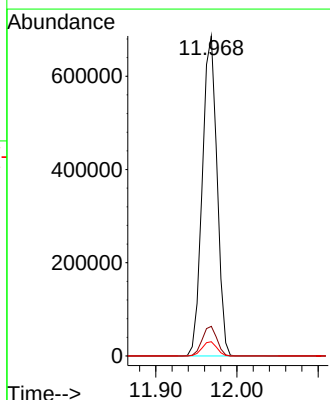
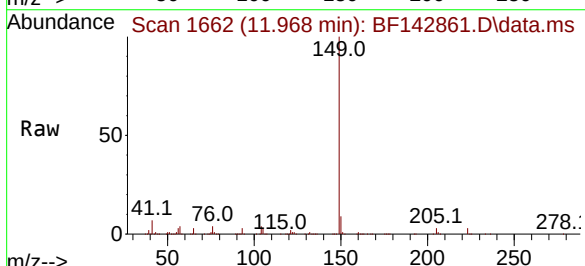
Tgt Ion:149 Resp: 861883

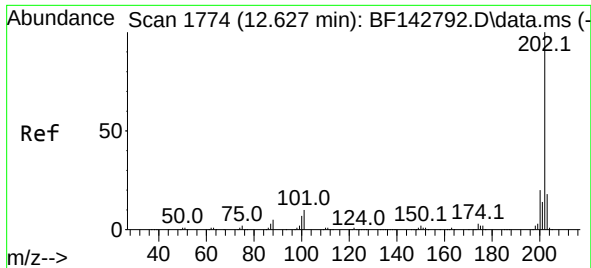
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.5 3.5 5.3

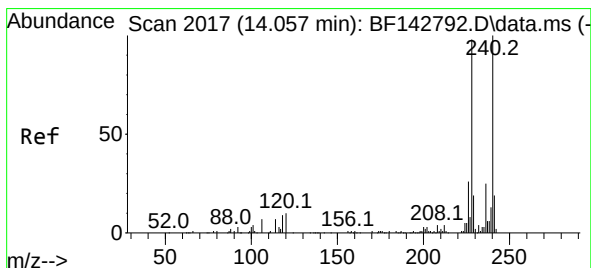
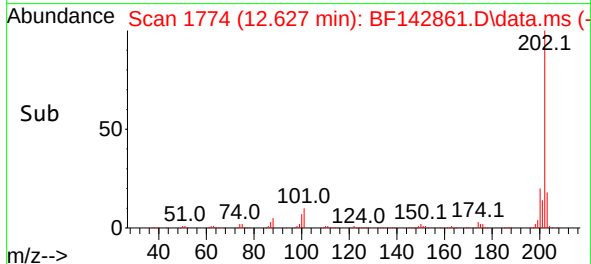
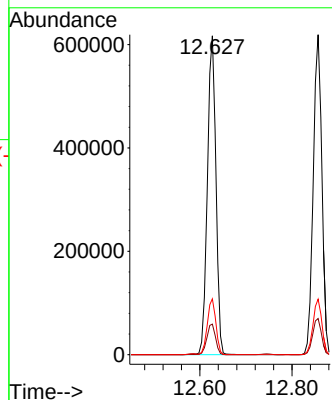
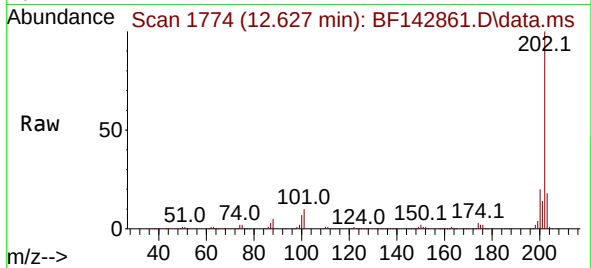




#75
Fluoranthene
Concen: 47.801 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

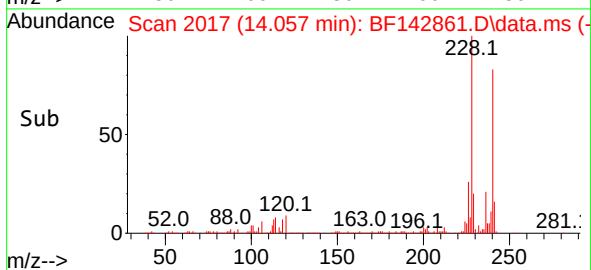
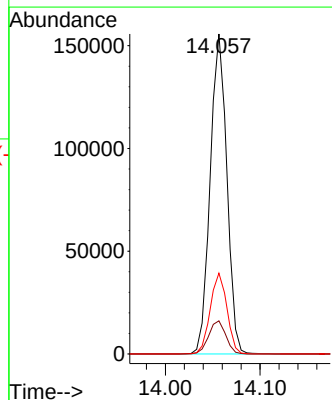
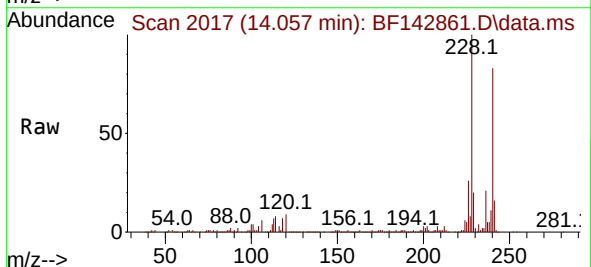
Instrument :
BNA_F
ClientSampleId :
PB168614BS

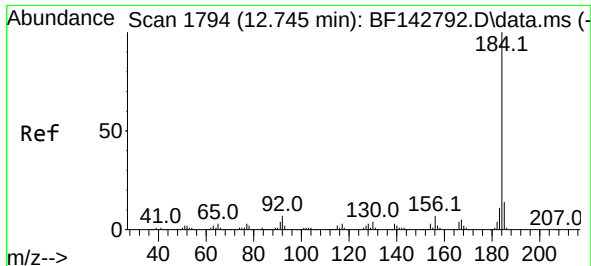
Tgt Ion:202 Resp: 801546
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:240 Resp: 189685
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.3 19.8 29.8

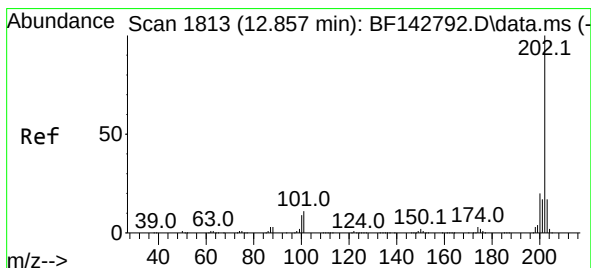
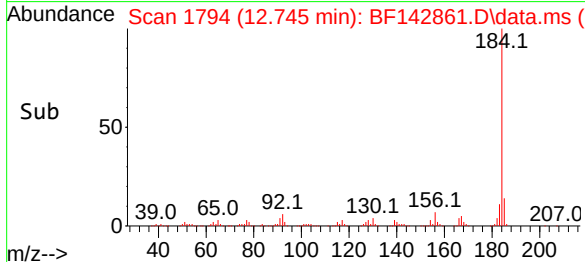
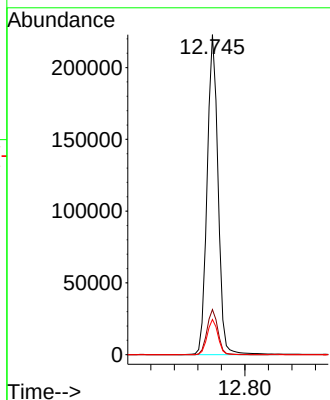
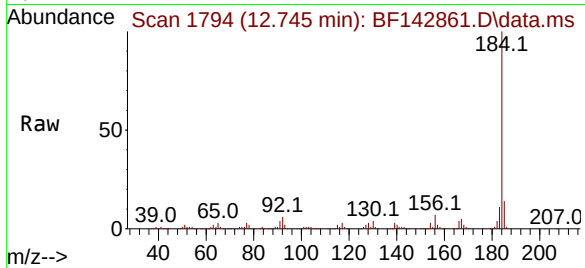




#77
Benzidine
Concen: 40.246 ng
RT: 12.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

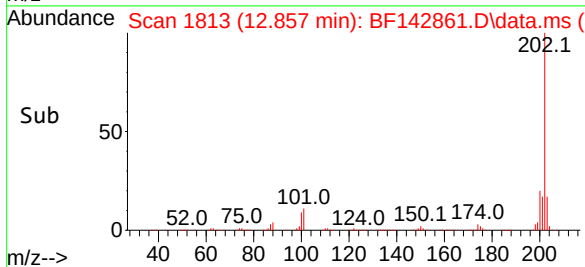
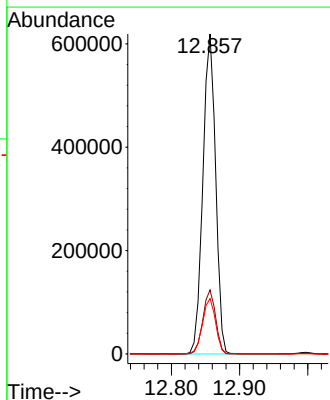
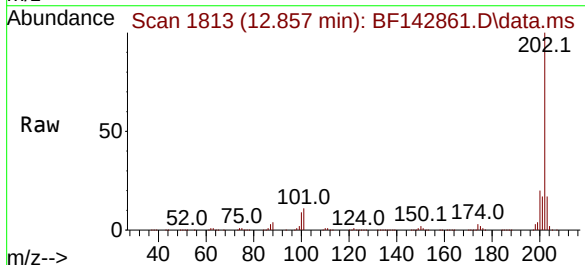
Instrument :
BNA_F
ClientSampleId :
PB168614BS

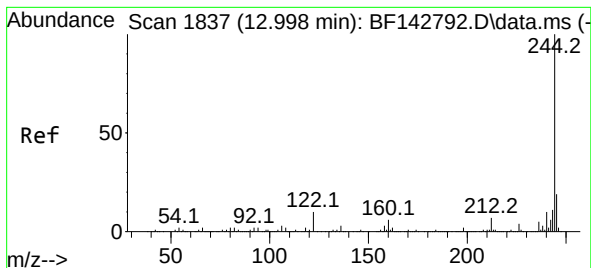
Tgt Ion:184 Resp: 286817
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.0 9.0 13.4



#78
Pyrene
Concen: 45.237 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:202 Resp: 804318
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 86.690 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

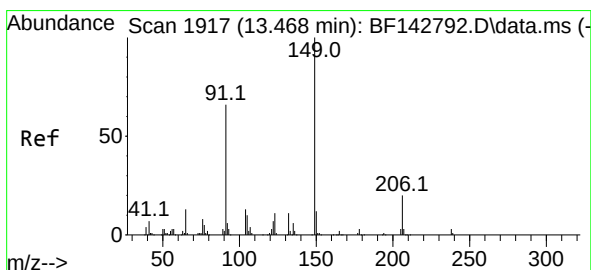
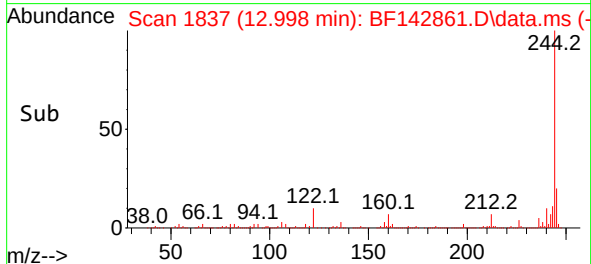
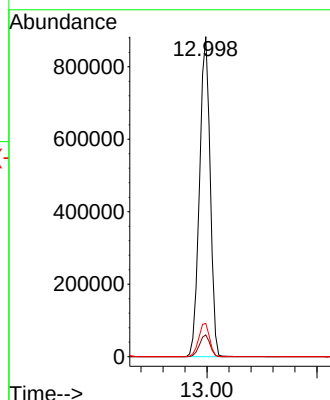
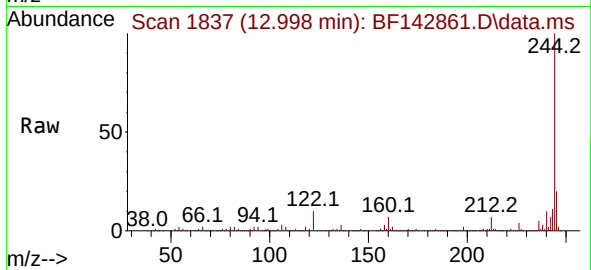
Tgt Ion:244 Resp: 1190114

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 54.975 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

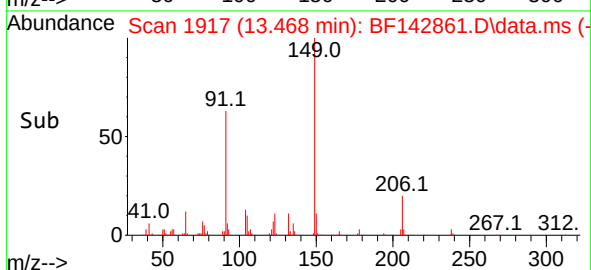
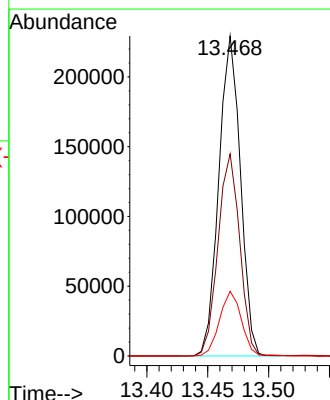
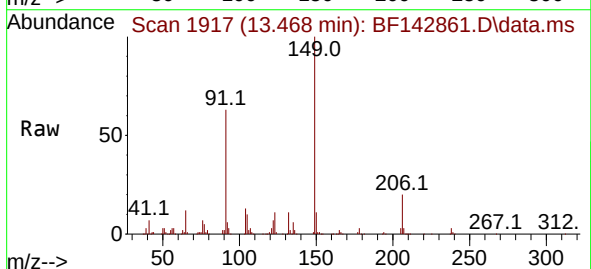
Tgt Ion:149 Resp: 283530

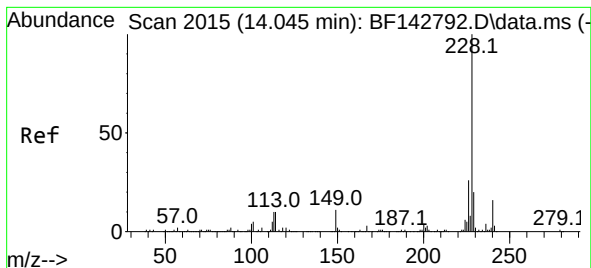
Ion Ratio Lower Upper

149 100

91 63.2 52.9 79.3

206 20.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.569 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

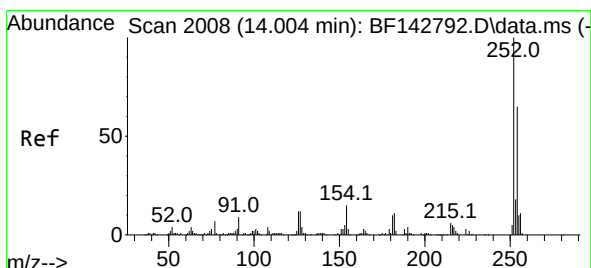
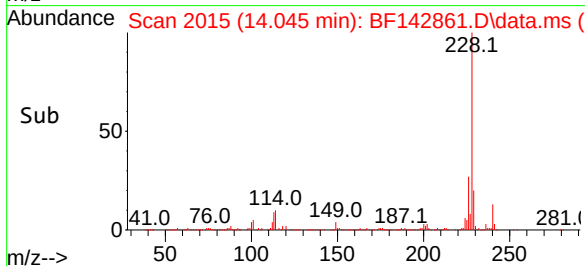
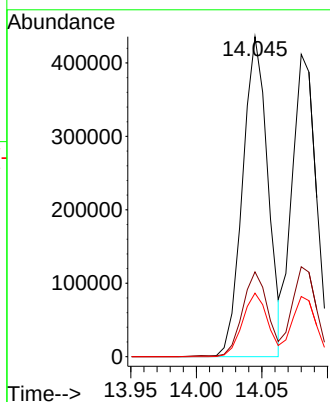
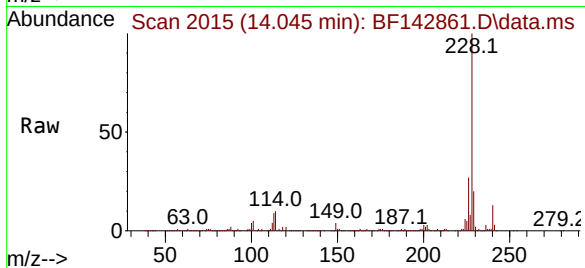
Tgt Ion:228 Resp: 583116

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 26.262 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

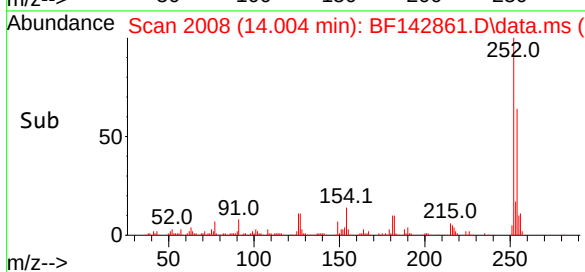
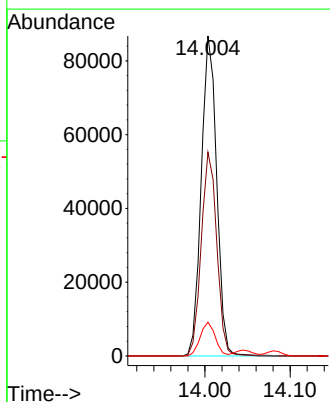
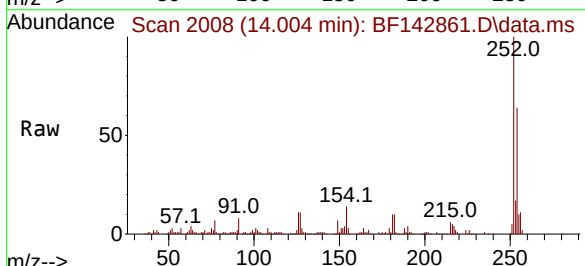
Tgt Ion:252 Resp: 109000

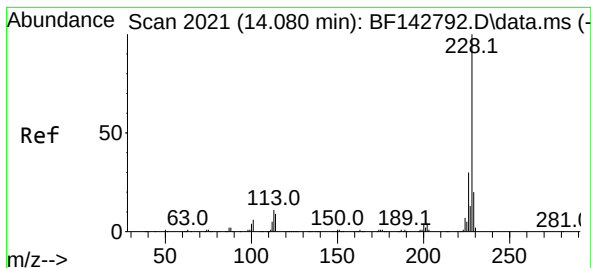
Ion Ratio Lower Upper

252 100

254 63.7 51.7 77.5

126 10.6 9.4 14.2





#83

Chrysene

Concen: 45.823 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

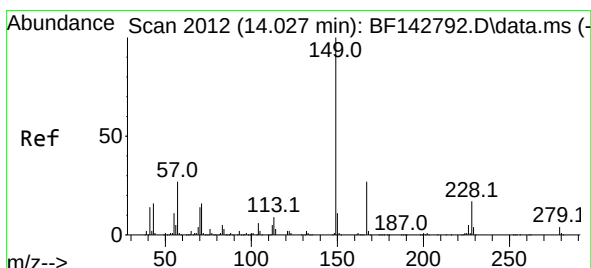
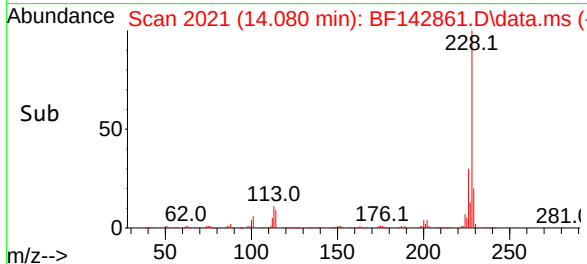
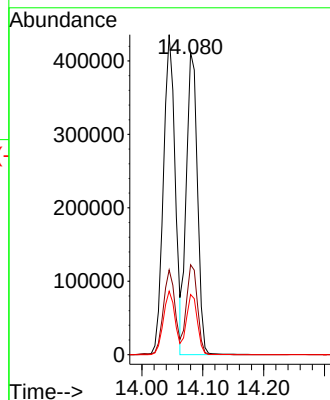
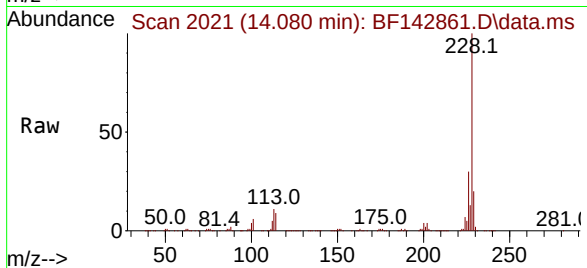
Tgt Ion:228 Resp: 523230

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.480 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

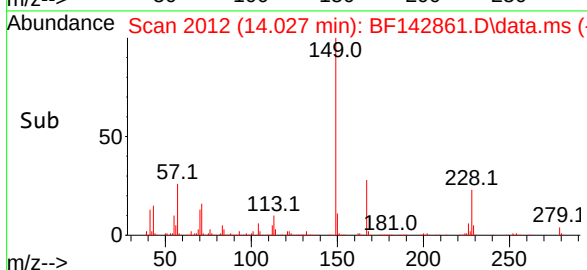
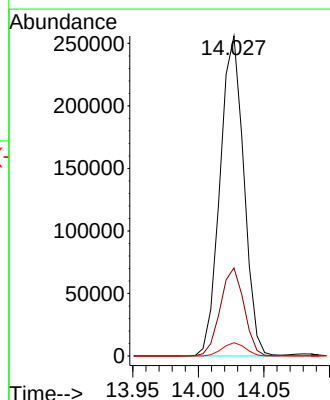
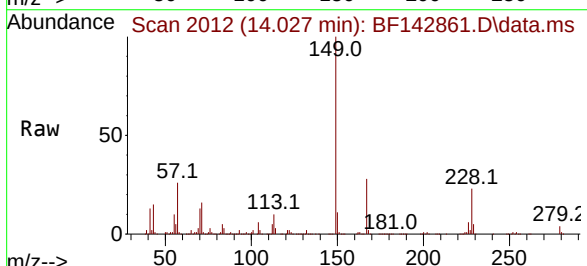
Tgt Ion:149 Resp: 322639

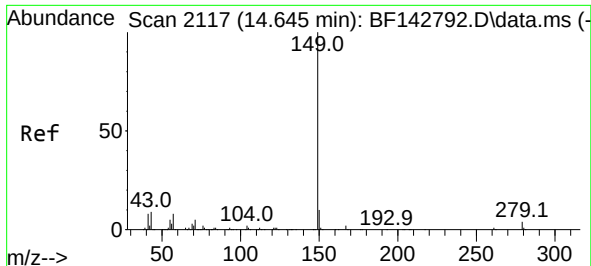
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.1 3.0 4.6

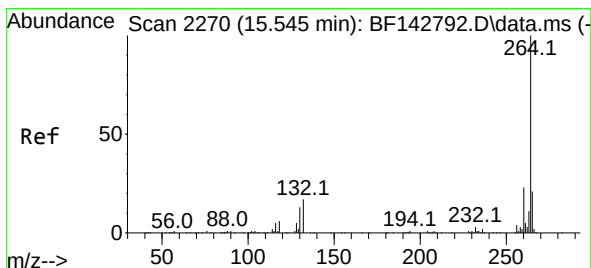
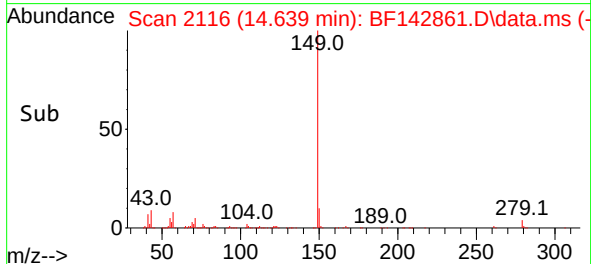
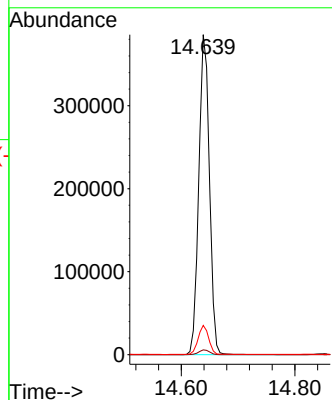
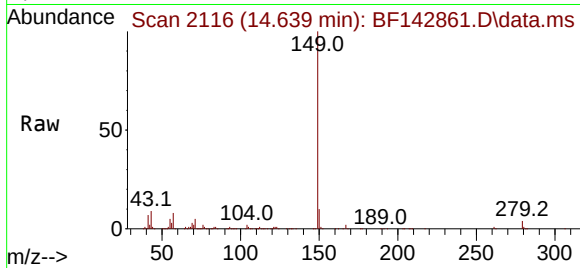




#85
Di-n-octyl phthalate
Concen: 35.962 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

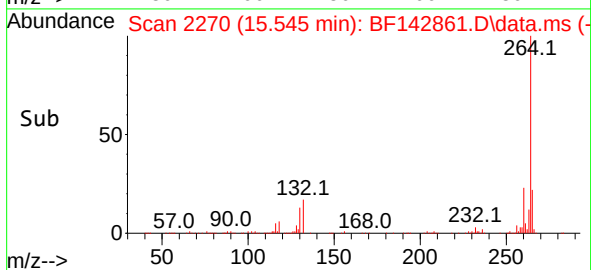
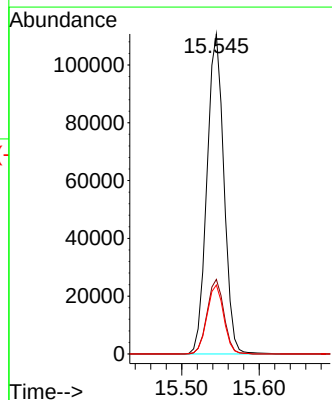
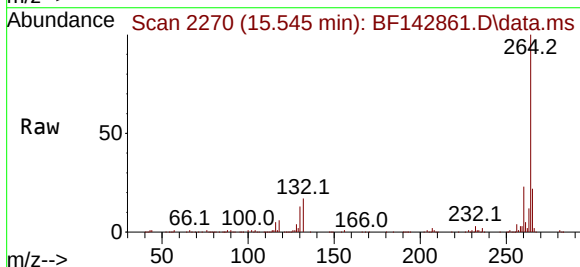
Instrument :
BNA_F
ClientSampleId :
PB168614BS

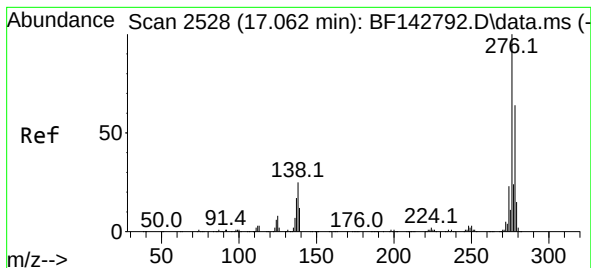
Tgt Ion:149 Resp: 503190
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:264 Resp: 167960
Ion Ratio Lower Upper
264 100
260 23.3 18.1 27.1
265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.630 ng

RT: 17.062 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB168614BS

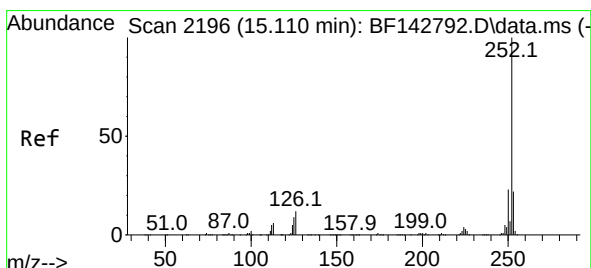
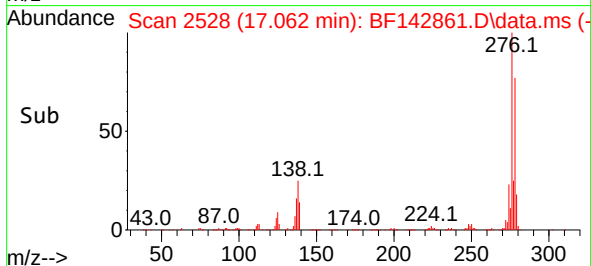
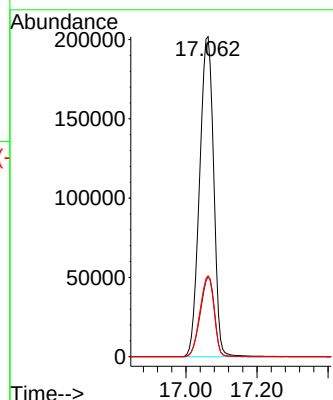
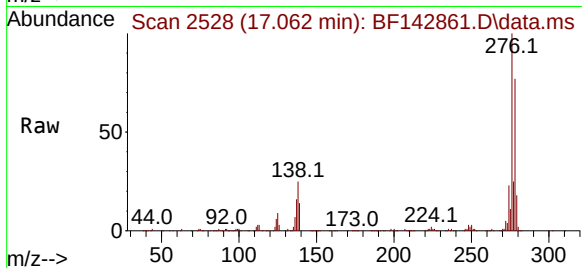
Tgt Ion:276 Resp: 558171

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.4

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 48.202 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142861.D

Acq: 26 Jun 2025 11:36

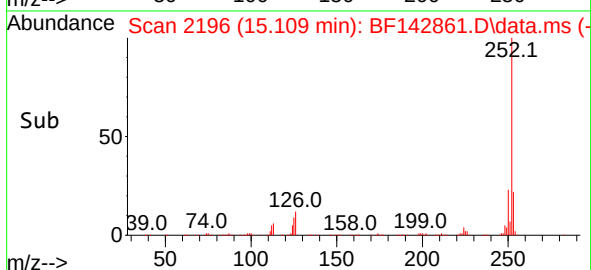
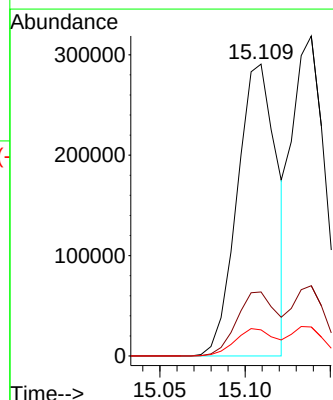
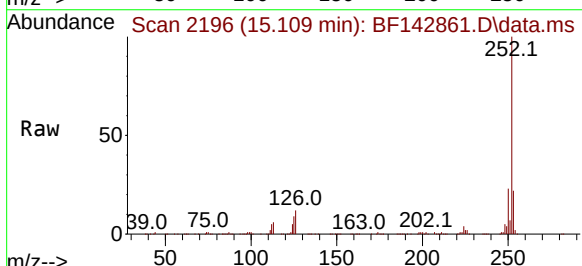
Tgt Ion:252 Resp: 468473

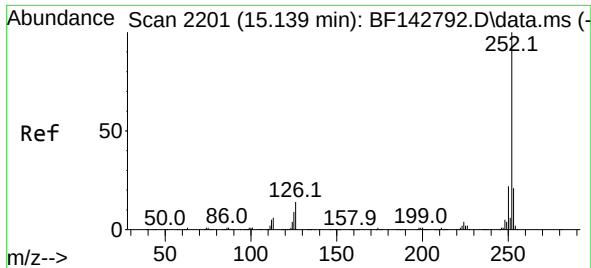
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.0 7.4 11.0

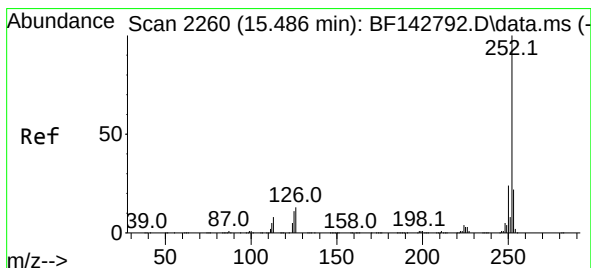
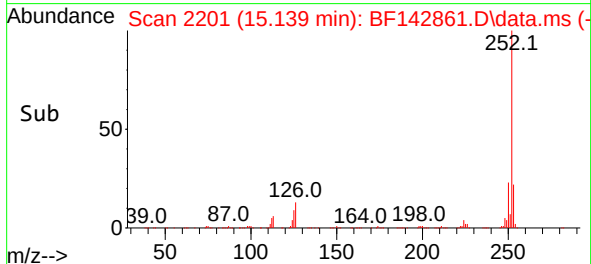
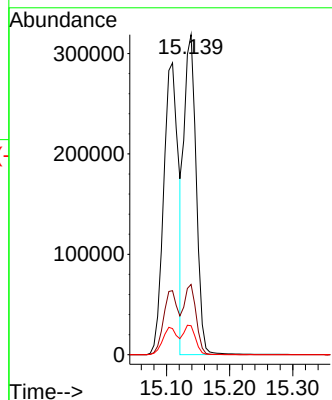
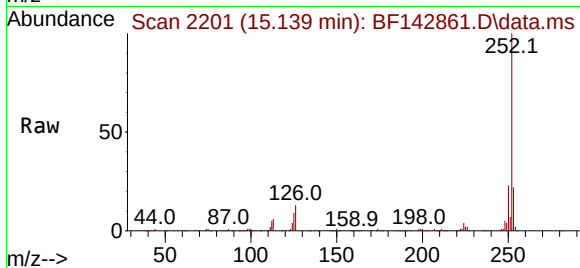




#89
Benzo(k)fluoranthene
Concen: 47.106 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

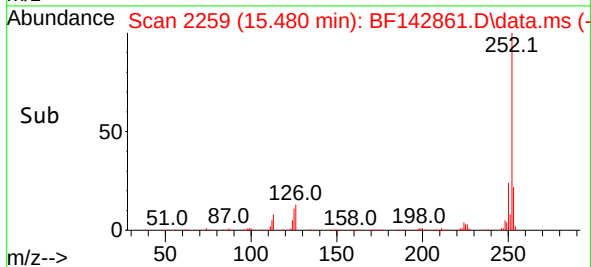
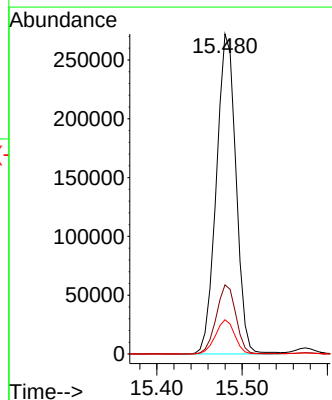
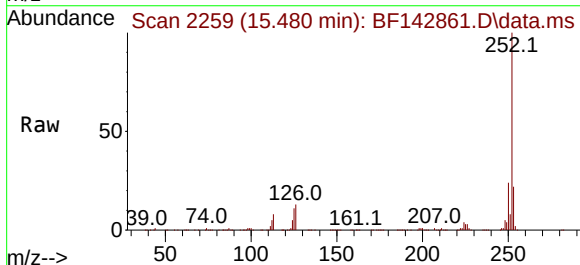
Instrument :
BNA_F
ClientSampleId :
PB168614BS

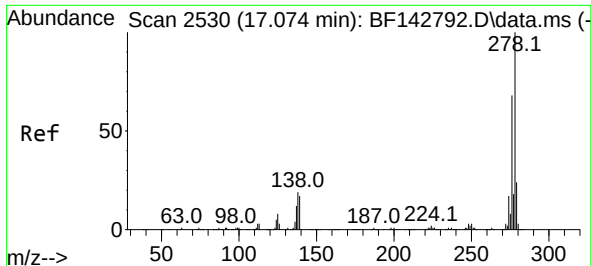
Tgt Ion:252 Resp: 428329
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 46.416 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:252 Resp: 435803
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.7 8.6 12.8

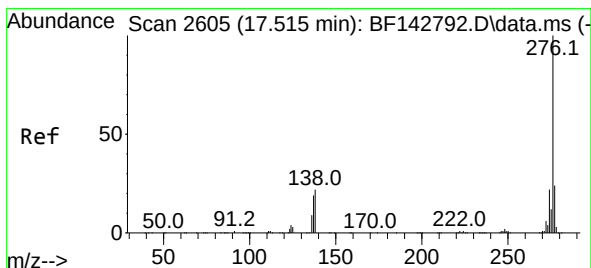
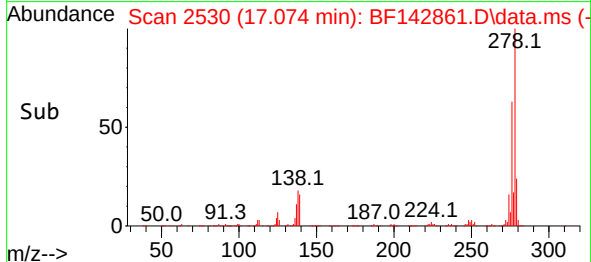
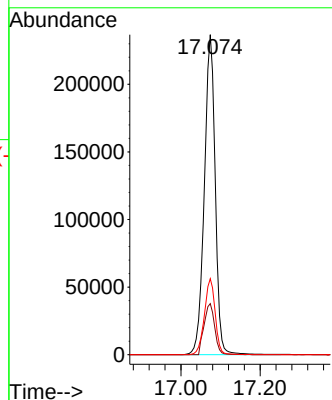
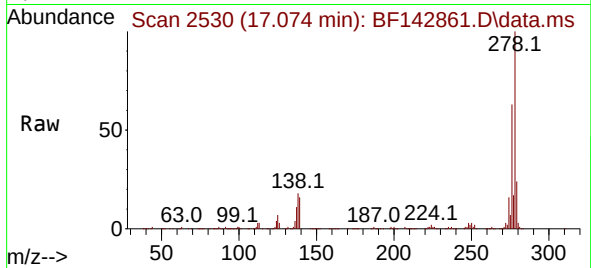




#91
Dibenzo(a,h)anthracene
Concen: 43.561 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB168614BS

Tgt Ion:278 Resp: 452809
Ion Ratio Lower Upper
278 100
139 16.0 13.5 20.3
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.678 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF142861.D
Acq: 26 Jun 2025 11:36

Tgt Ion:276 Resp: 452739
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 21.8 17.6 26.4

