

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142760.D
 Acq On : 12 Jun 2025 16:27
 Operator : RC/JU
 Sample : Q2296-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

Quant Time: Jun 12 16:59:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	63225	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	222152	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	100169	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	134861	20.000	ng	0.00
76) Chrysene-d12	14.069	240	131057	20.000	ng	0.00
86) Perylene-d12	15.563	264	153812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	351233	94.614	ng	0.01
7) Phenol-d6	6.522	99	405955	92.922	ng	0.00
23) Nitrobenzene-d5	7.457	82	246809	60.802	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	93321	85.004	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	477246	63.298	ng	0.00
79) Terphenyl-d14	13.004	244	364552	38.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	61991	42.196	ng	98
3) Pyridine	3.481	79	164349	44.615	ng	98
4) n-Nitrosodimethylamine	3.434	42	89900	47.699	ng	100
6) Aniline	6.551	93	166636	28.498	ng	# 90
8) 2-Chlorophenol	6.675	128	188774	46.533	ng	99
9) Benzaldehyde	6.440	77	131714	48.685	ng	97
10) Phenol	6.534	94	215774	44.434	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	166678	45.953	ng	99
12) 1,3-Dichlorobenzene	6.834	146	213448	46.104	ng	98
13) 1,4-Dichlorobenzene	6.910	146	212598	45.437	ng	98
14) 1,2-Dichlorobenzene	7.063	146	203355	45.340	ng	99
15) Benzyl Alcohol	7.034	79	146838	44.469	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	255296	44.705	ng	96
17) 2-Methylphenol	7.145	107	137342	44.161	ng	99
18) Hexachloroethane	7.404	117	77385	46.151	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	117965	42.414	ng	99
20) 3+4-Methylphenols	7.298	107	167222	42.649	ng	# 90
22) Acetophenone	7.298	105	239632	48.493	ng	98
24) Nitrobenzene	7.475	77	170643	47.366	ng	98
25) Isophorone	7.716	82	306916	44.656	ng	98
26) 2-Nitrophenol	7.792	139	97194	48.341	ng	98
27) 2,4-Dimethylphenol	7.828	122	158962	46.436	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	197722	46.336	ng	99
29) 2,4-Dichlorophenol	8.034	162	145123	45.937	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	167349	47.939	ng	100
31) Naphthalene	8.198	128	517855	47.134	ng	99
32) Benzoic acid	7.934	122	78092	40.507	ng	99
33) 4-Chloroaniline	8.245	127	40955	9.284	ng	98
34) Hexachlorobutadiene	8.316	225	106683	47.957	ng	99
35) Caprolactam	8.610	113	37720	44.232	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	134941	41.079	ng	99
37) 2-Methylnaphthalene	8.887	142	310769	44.689	ng	98
38) 1-Methylnaphthalene	8.986	142	317116	44.020	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	156552	53.999	ng	99
41) Hexachlorocyclopentadiene	9.045	237	181384	97.478	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	92721	49.406	ng	97

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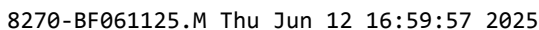
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

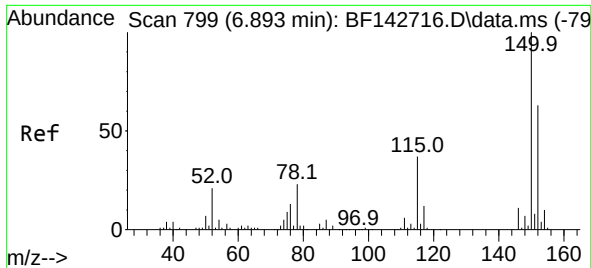
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	98113	48.404	ng	98
46) 1,1'-Biphenyl	9.351	154	412380	53.017	ng	99
47) 2-Chloronaphthalene	9.381	162	295348	51.540	ng	99
48) 2-Nitroaniline	9.475	65	77678	47.660	ng	98
49) Acenaphthylene	9.792	152	471286	48.776	ng	100
50) Dimethylphthalate	9.651	163	325646	48.683	ng	100
51) 2,6-Dinitrotoluene	9.716	165	68577	47.435	ng	97
52) Acenaphthene	9.969	154	298648	49.851	ng	99
53) 3-Nitroaniline	9.881	138	32399	20.662	ng	97
54) 2,4-Dinitrophenol	9.992	184	57284	72.336	ng	91
55) Dibenzofuran	10.139	168	400695	46.970	ng	98
56) 4-Nitrophenol	10.045	139	87707	82.470	ng	99
57) 2,4-Dinitrotoluene	10.122	165	84647	44.284	ng	99
58) Fluorene	10.481	166	300016	44.535	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	71139	41.717	ng	99
60) Diethylphthalate	10.351	149	303848	45.810	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	150223	45.661	ng	96
62) 4-Nitroaniline	10.498	138	57712	41.140	ng	99
63) Azobenzene	10.633	77	273484	47.211	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	39163	46.373	ng	99
66) n-Nitrosodiphenylamine	10.592	169	252969	54.570	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	82670	51.932	ng	99
68) Hexachlorobenzene	11.033	284	87415	49.470	ng	97
69) Atrazine	11.116	200	71232	57.635	ng	100
70) Pentachlorophenol	11.228	266	87725	94.709	ng	98
71) Phenanthrene	11.445	178	362795	50.214	ng	99
72) Anthracene	11.498	178	368695	49.330	ng	99
73) Carbazole	11.651	167	317783	50.788	ng	100
74) Di-n-butylphthalate	11.980	149	382334	54.723	ng	100
75) Fluoranthene	12.639	202	365197	53.157	ng	99
77) Benzidine	12.757	184	176750	37.869	ng	99
78) Pyrene	12.869	202	378421	31.071	ng	99
80) Butylbenzylphthalate	13.480	149	165957	46.080	ng	98
81) Benzo(a)anthracene	14.057	228	417851	48.114	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	55861	19.946	ng	98
83) Chrysene	14.092	228	388048	48.395	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	249447	46.151	ng	100
85) Di-n-octyl phthalate	14.657	149	473028	45.616	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.080	276	381779	33.494	ng	99
88) Benzo(b)fluoranthene	15.121	252	478471	52.831	ng	99
89) Benzo(k)fluoranthene	15.157	252	415589	47.294	ng	99
90) Benzo(a)pyrene	15.504	252	424168	49.259	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	313868	33.724	ng	99
92) Benzo(g,h,i)perylene	17.533	276	278847	30.130	ng	99

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

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Response via : Initial Calibration

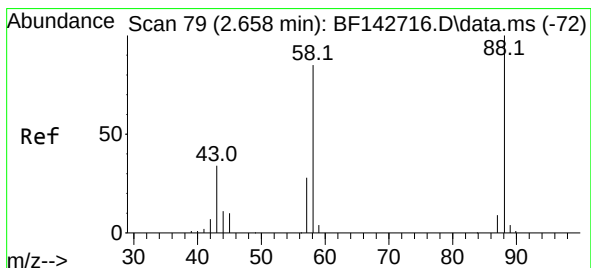
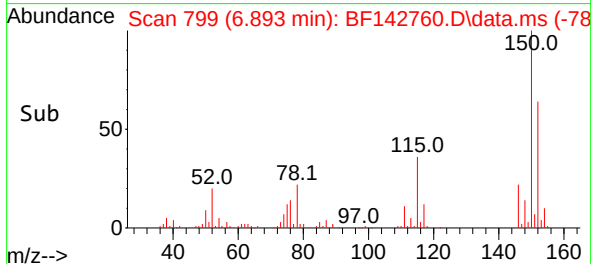
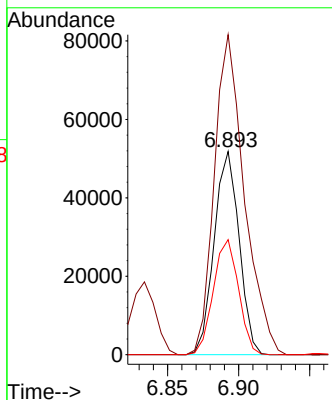
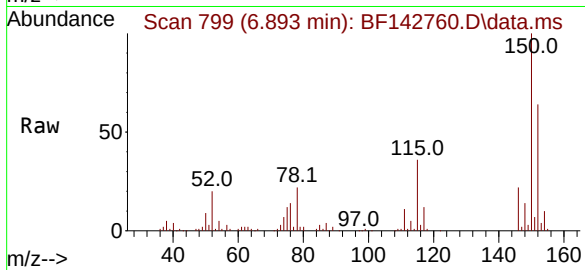




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

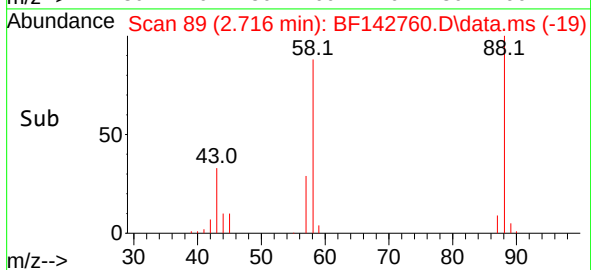
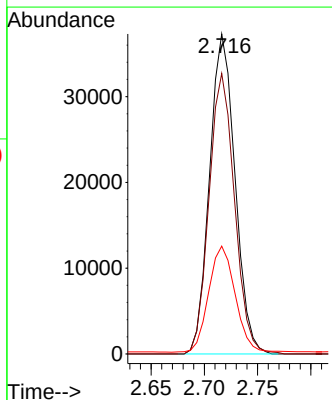
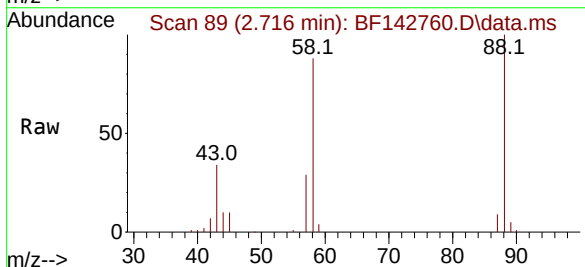
Instrument :
BNA_F
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WC-3MS

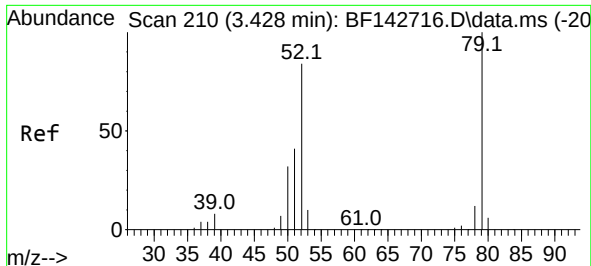
Tgt Ion:152 Resp: 63225
Ion Ratio Lower Upper
152 100
150 157.5 126.9 190.3
115 56.6 47.0 70.6



#2
1,4-Dioxane
Concen: 42.196 ng
RT: 2.716 min Scan# 89
Delta R.T. 0.059 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion: 88 Resp: 61991
Ion Ratio Lower Upper
88 100
58 87.9 68.4 102.6
43 34.6 27.0 40.6

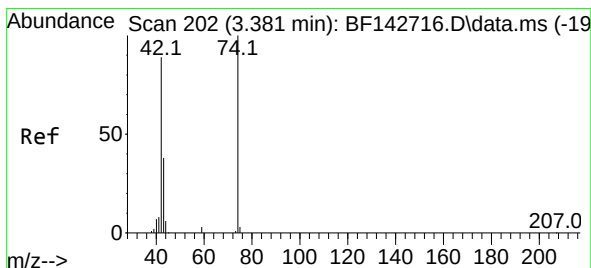
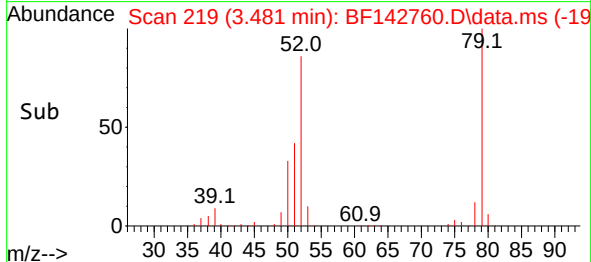
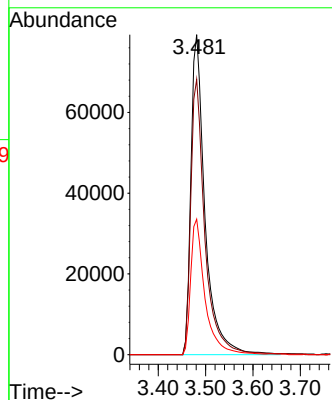
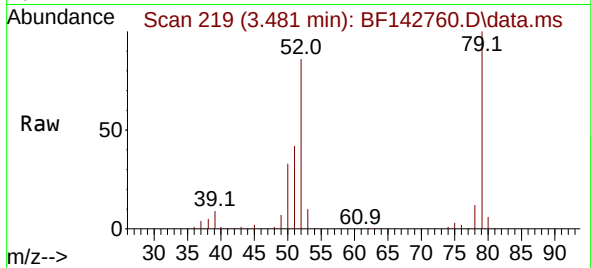




#3
Pyridine
Concen: 44.615 ng
RT: 3.481 min Scan# 210
Delta R.T. 0.053 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

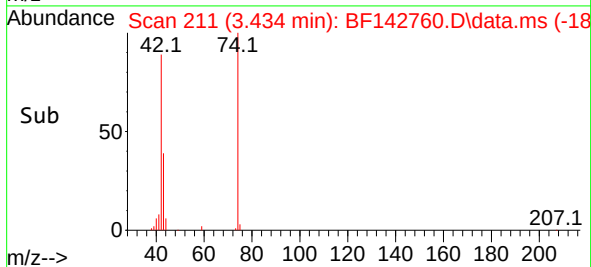
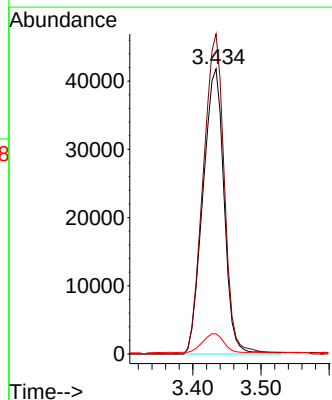
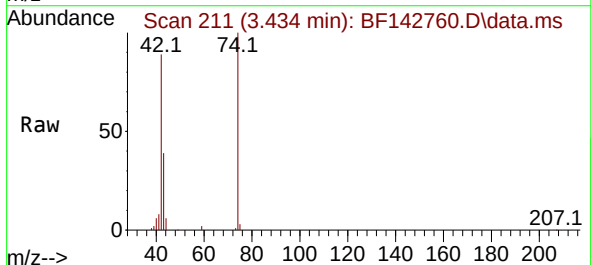
Instrument :
BNA_F
ClientSampleId :
WC-3MS

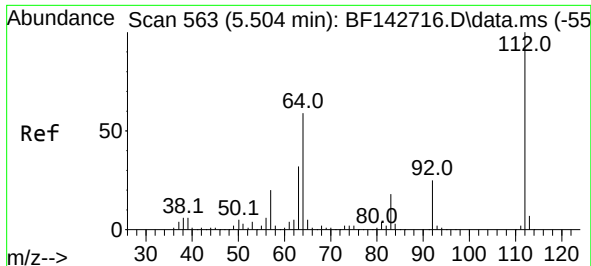
Tgt Ion: 79 Resp: 164349
Ion Ratio Lower Upper
79 100
52 86.1 67.1 100.7
51 42.3 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 47.699 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion: 42 Resp: 89900
Ion Ratio Lower Upper
42 100
74 112.2 89.6 134.4
44 7.1 5.4 8.2

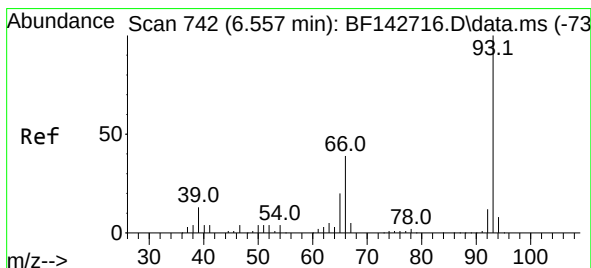
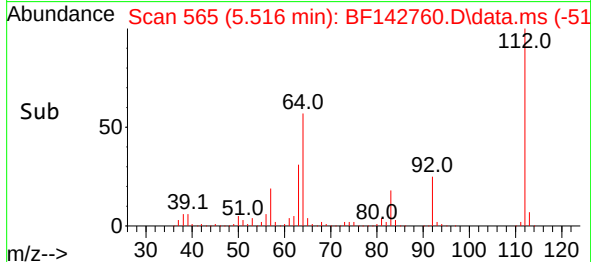
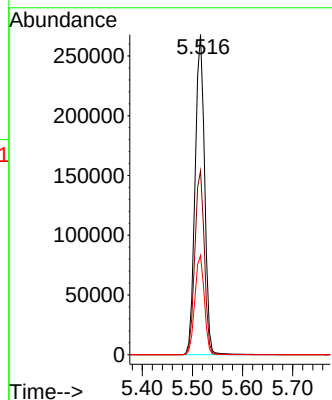
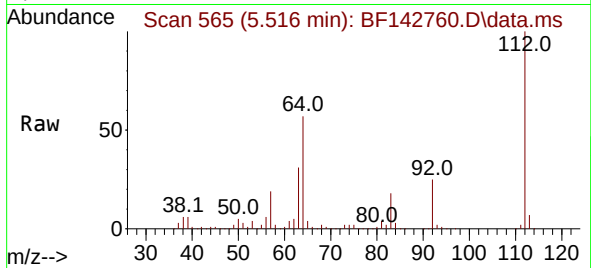




#5
2-Fluorophenol
Concen: 94.614 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

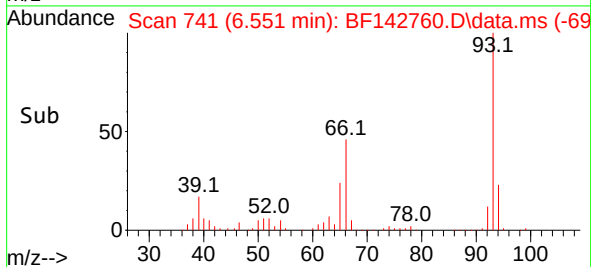
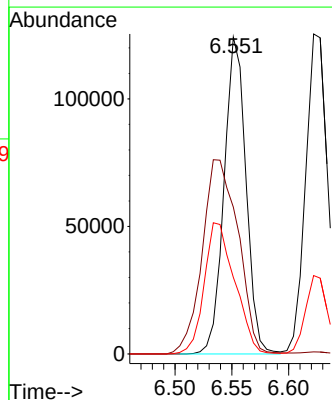
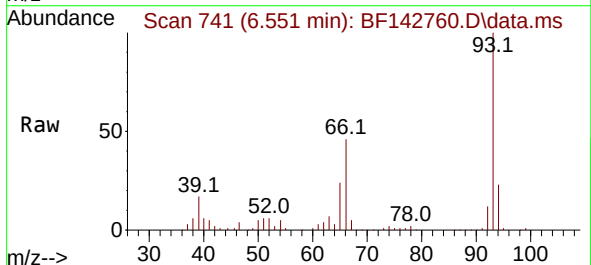
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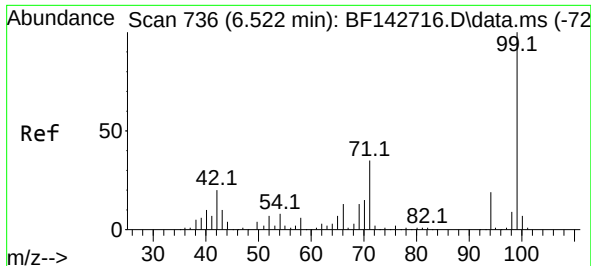
Tgt Ion:112 Resp: 351233
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 31.0 25.4 38.0



#6
Aniline
Concen: 28.498 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion: 93 Resp: 166636
Ion Ratio Lower Upper
93 100
66 46.4 32.0 48.0
65 24.2 16.1 24.1#

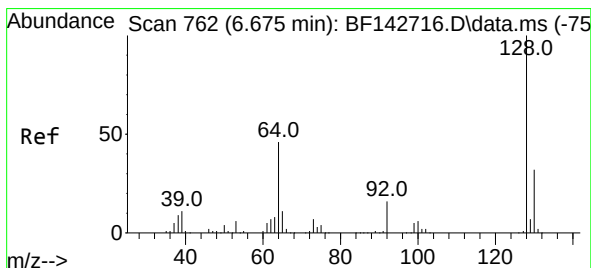
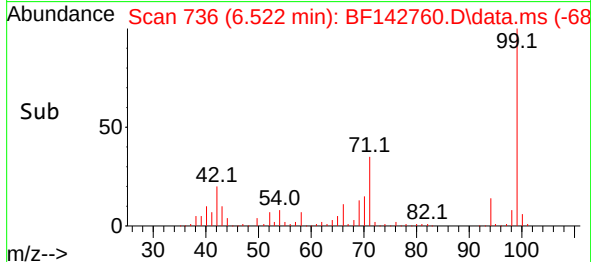
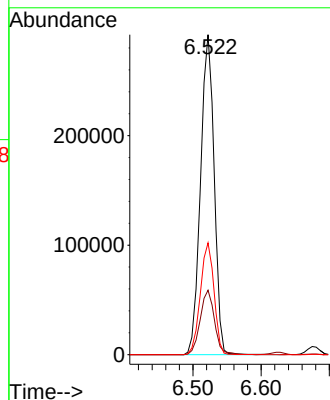
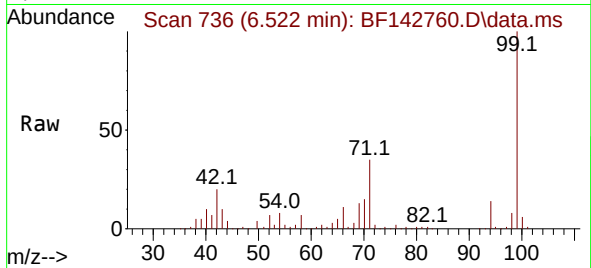




#7
Phenol-d6
Concen: 92.922 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

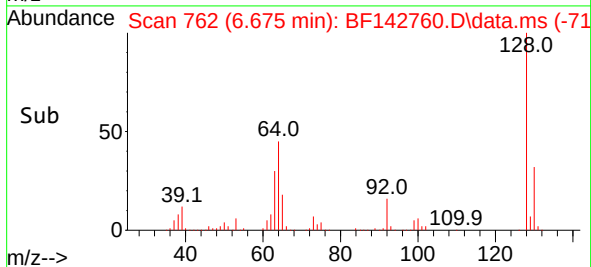
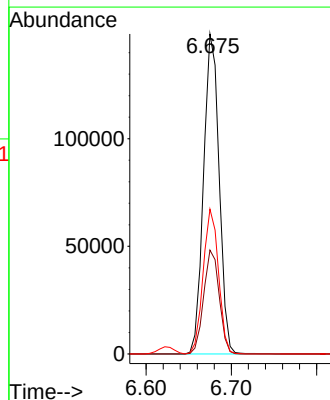
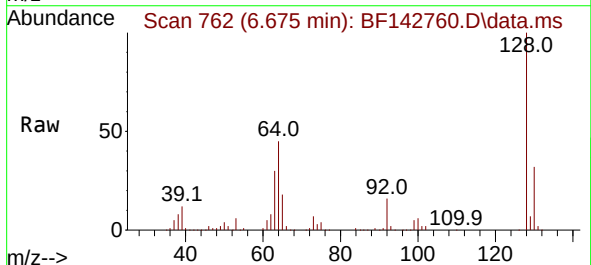
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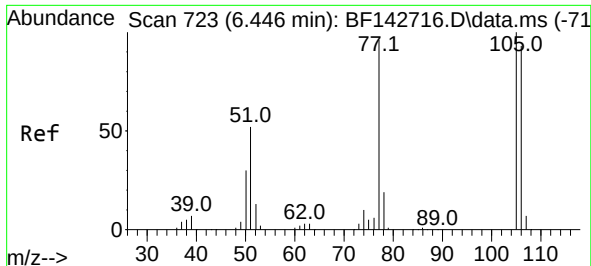
Tgt Ion: 99 Resp: 405955
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 35.0 28.0 42.0



#8
2-Chlorophenol
Concen: 46.533 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion: 128 Resp: 188774
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 45.3 26.5 66.5





#9

Benzaldehyde

Concen: 48.685 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

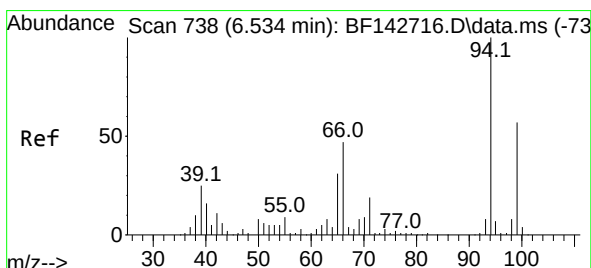
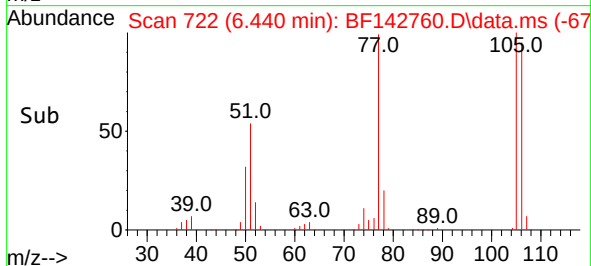
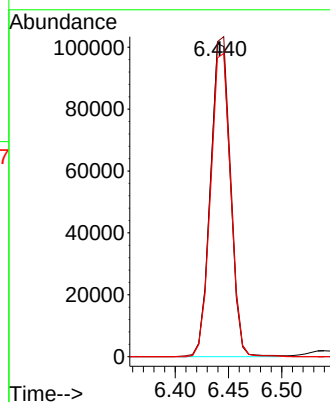
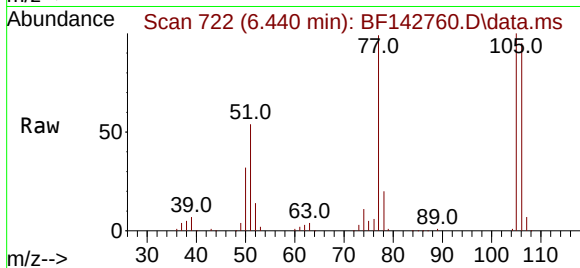
Tgt Ion: 77 Resp: 131714

Ion Ratio Lower Upper

77 100

105 100.6 84.1 124.1

106 95.4 77.2 117.2



#10

Phenol

Concen: 44.434 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

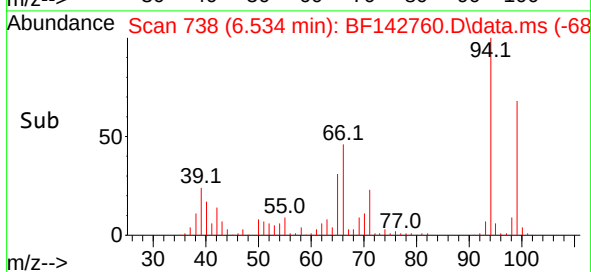
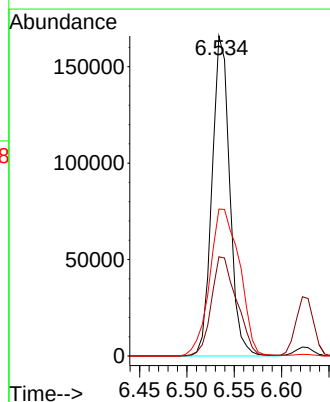
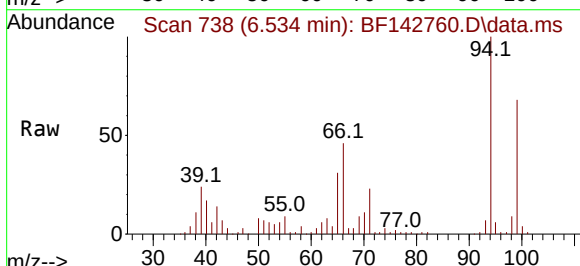
Tgt Ion: 94 Resp: 215774

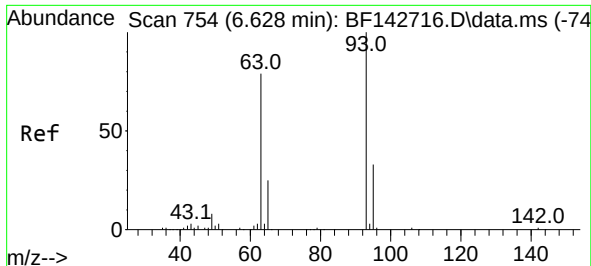
Ion Ratio Lower Upper

94 100

65 31.0 11.4 51.4

66 45.9 26.7 66.7

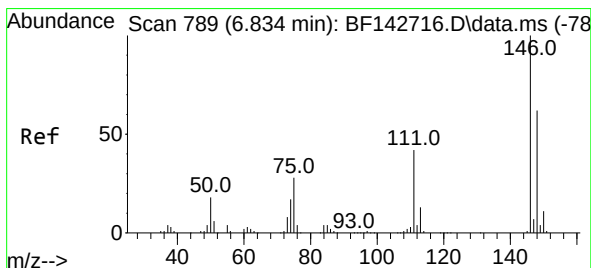
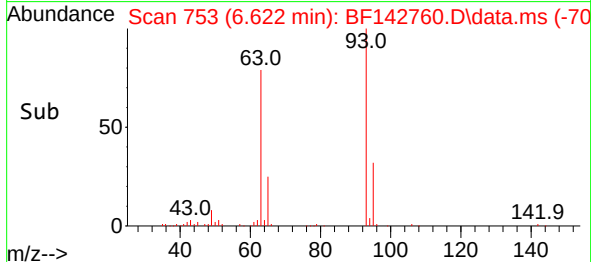
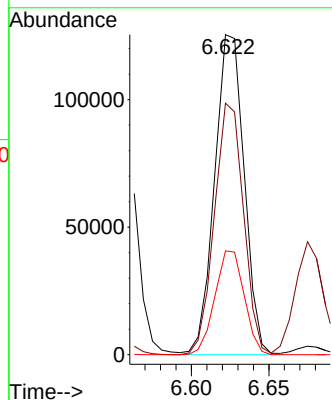
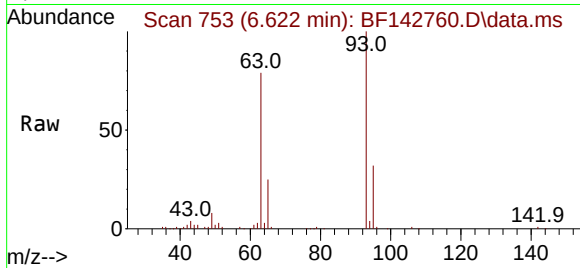




#11
bis(2-Chloroethyl)ether
Concen: 45.953 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

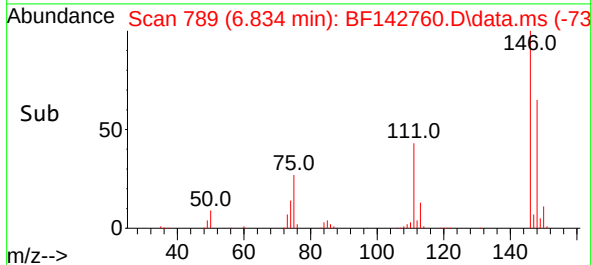
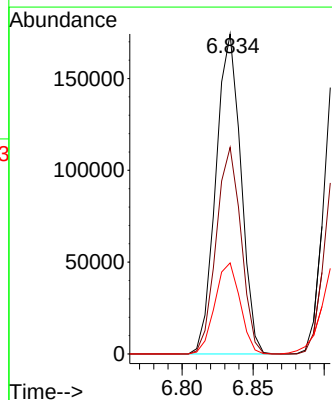
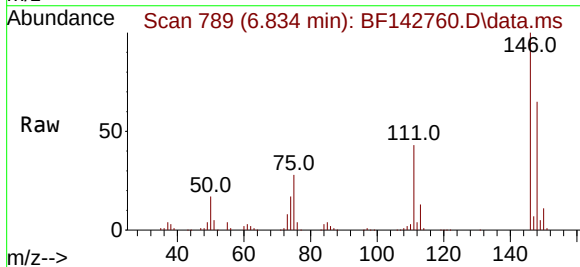
Instrument :
BNA_F
ClientSampleId :
WC-3MS

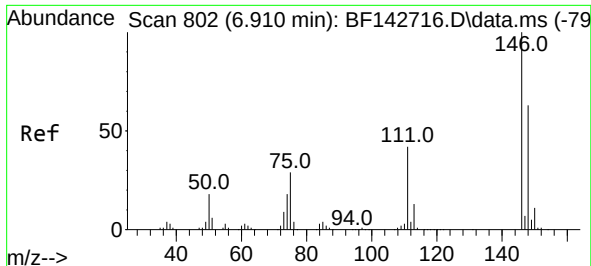
Tgt Ion: 93 Resp: 166678
Ion Ratio Lower Upper
93 100
63 78.6 58.3 98.3
95 32.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 46.104 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:146 Resp: 213448
Ion Ratio Lower Upper
146 100
148 64.6 49.9 74.9
75 28.5 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 45.437 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

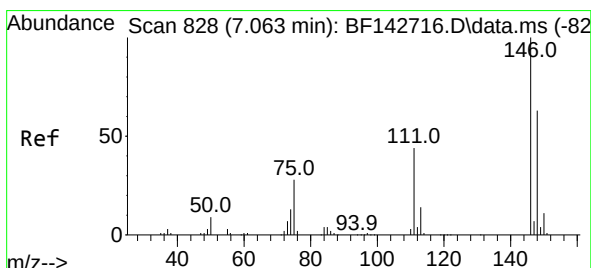
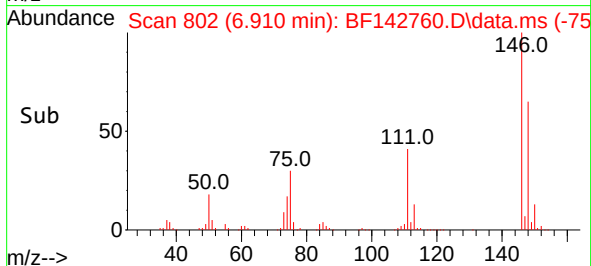
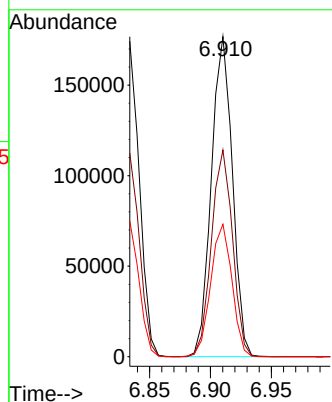
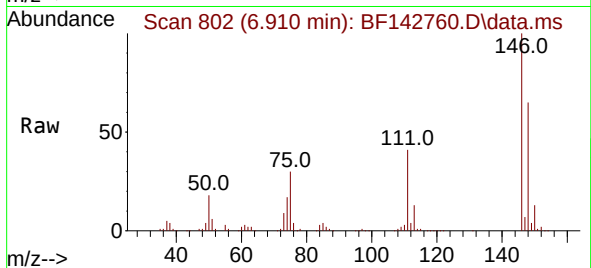
Tgt Ion:146 Resp: 212598

Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

111 41.4 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 45.340 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

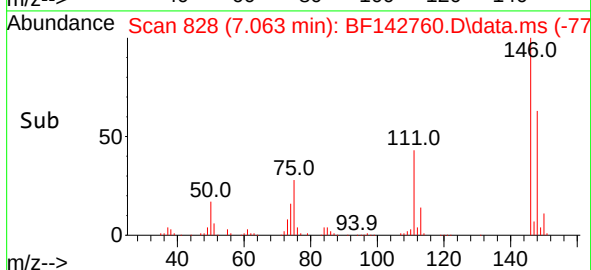
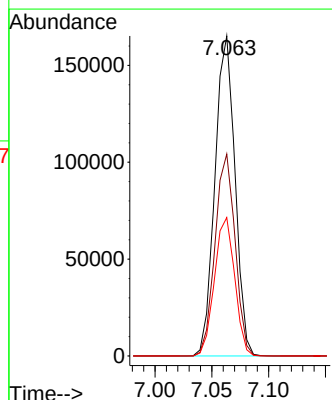
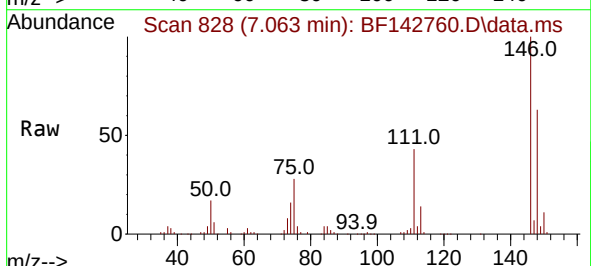
Tgt Ion:146 Resp: 203355

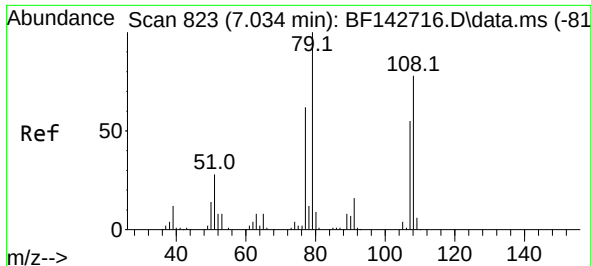
Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 43.3 35.2 52.8

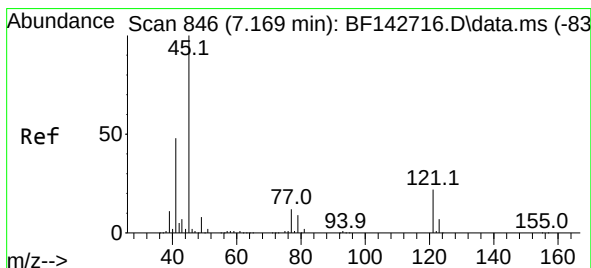
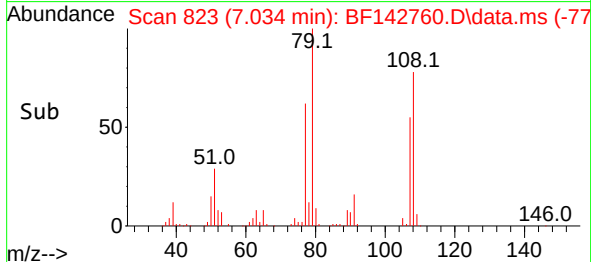
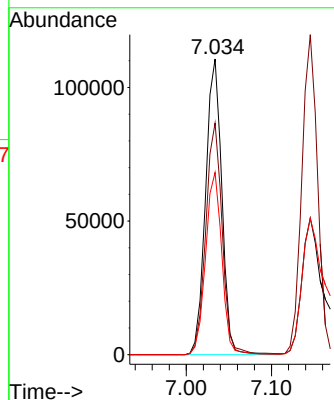
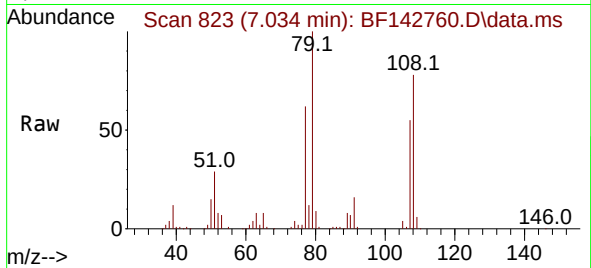




#15
Benzyl Alcohol
Concen: 44.469 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

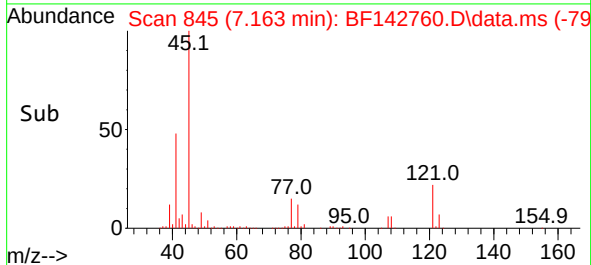
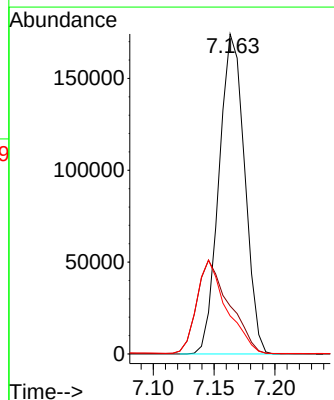
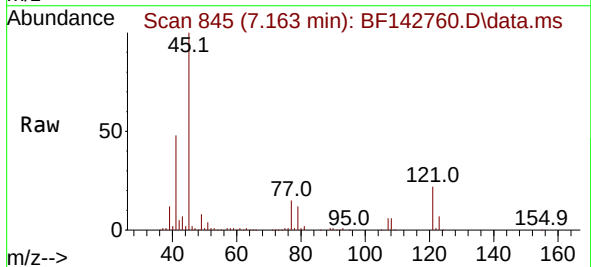
Instrument :
BNA_F
ClientSampleId :
WC-3MS

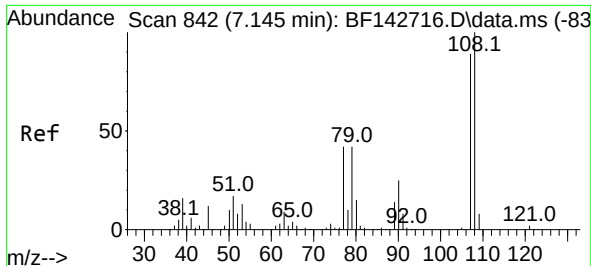
Tgt Ion: 79 Resp: 146838
Ion Ratio Lower Upper
79 100
108 78.4 62.6 94.0
77 61.7 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.705 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion: 45 Resp: 255296
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.1
79 11.9 0.0 30.5

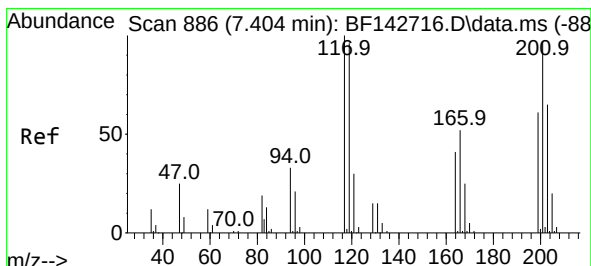
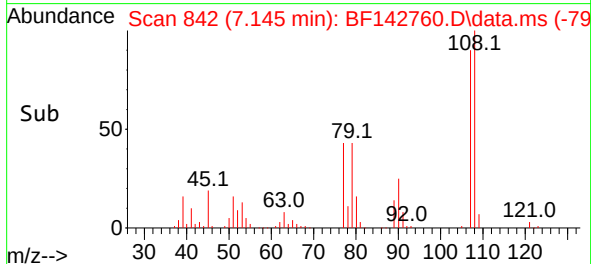
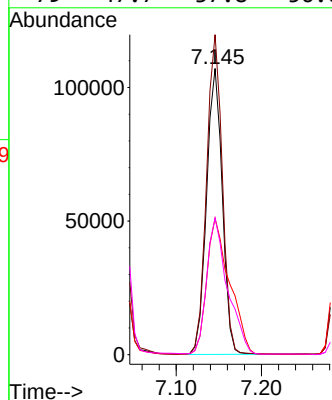
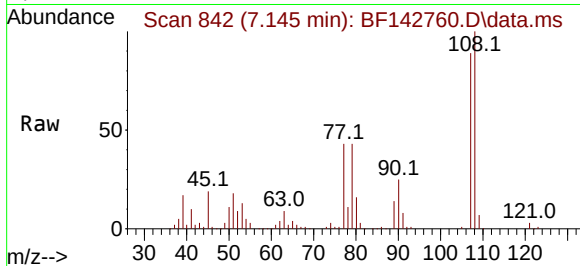




#17
2-Methylphenol
Concen: 44.161 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

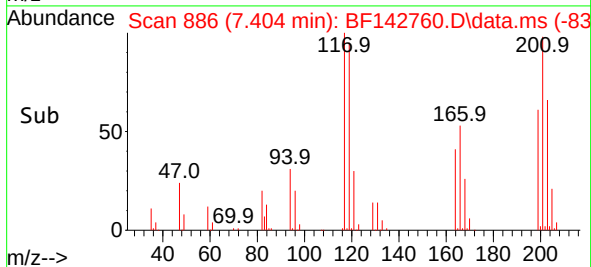
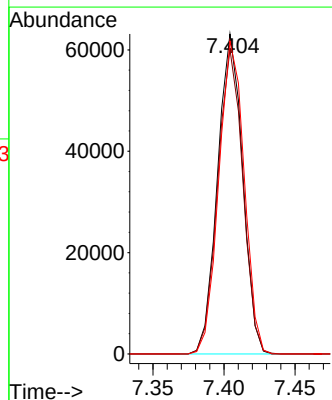
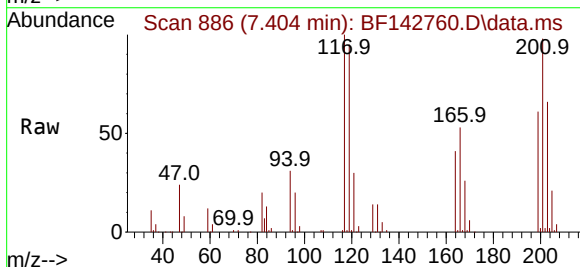
Instrument :
BNA_F
ClientSampleId :
WC-3MS

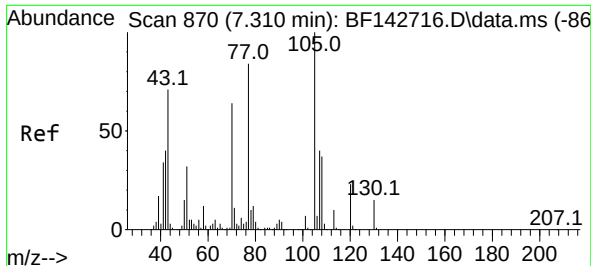
Tgt Ion:	107	Resp:	137342
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.0	135.0
77	47.7	38.2	57.2
79	47.7	37.8	56.6



#18
Hexachloroethane
Concen: 46.151 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:	117	Resp:	77385
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.4	114.6
201	97.8	77.8	116.6

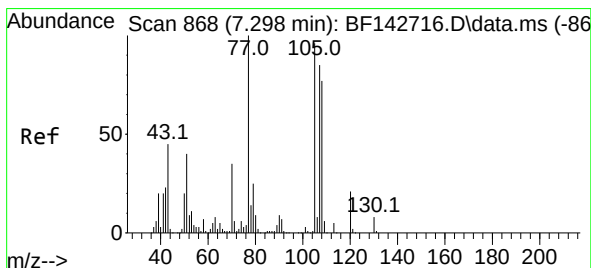
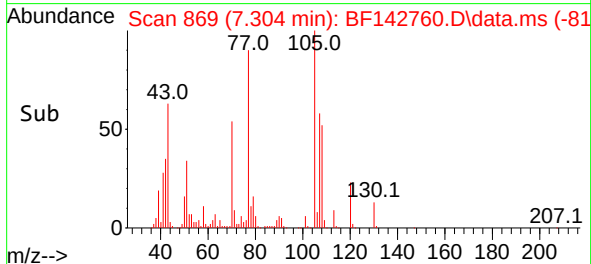
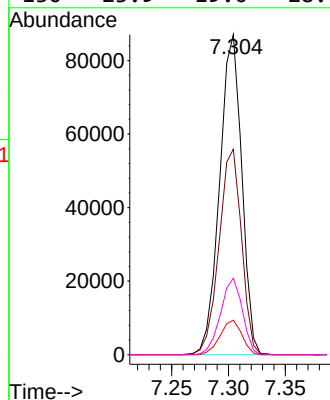
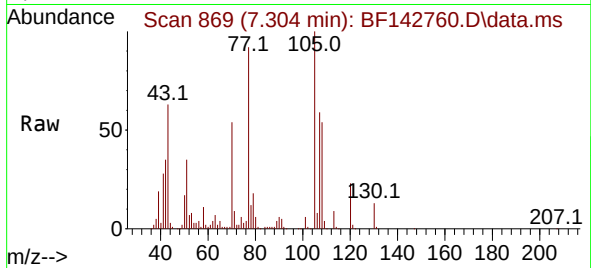




#19
n-Nitroso-di-n-propylamine
Concen: 42.414 ng
RT: 7.304 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

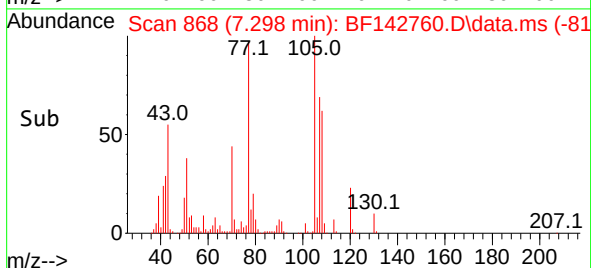
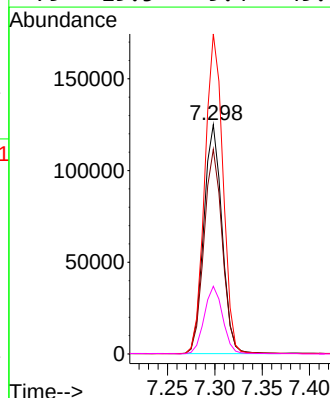
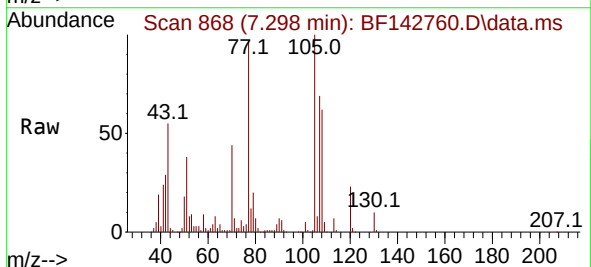
Instrument :
BNA_F
ClientSampleId :
WC-3MS

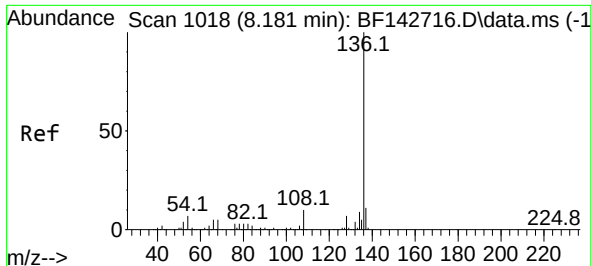
Tgt Ion: 70 Resp: 117965
Ion Ratio Lower Upper
70 100
42 64.2 50.2 75.4
101 10.8 8.3 12.5
130 23.9 19.0 28.6



#20
3+4-Methylphenols
Concen: 42.649 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:107 Resp: 167222
Ion Ratio Lower Upper
107 100
108 89.3 69.9 109.9
77 139.6 97.4 137.4#
79 29.5 9.4 49.4

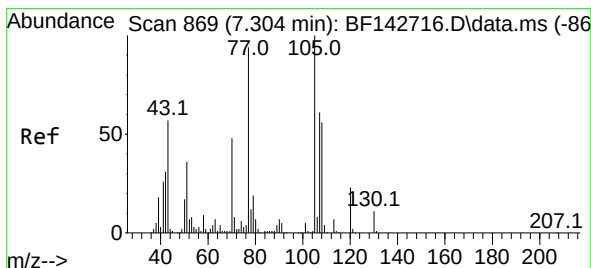
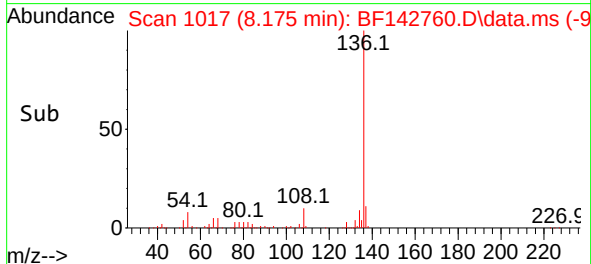
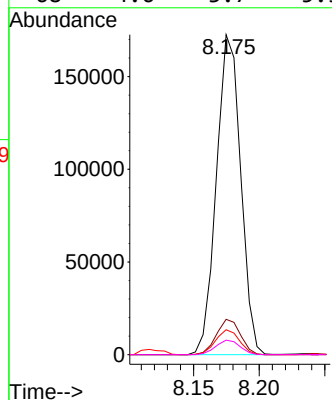
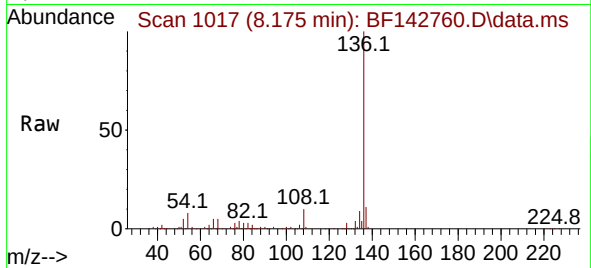




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

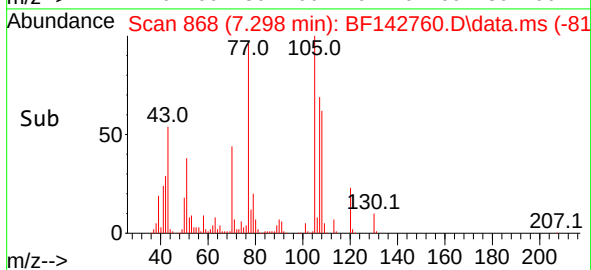
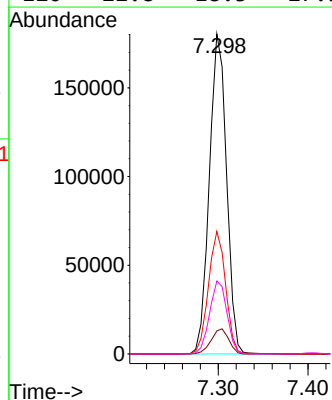
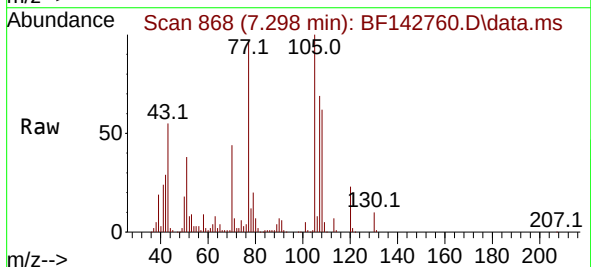
Instrument :
BNA_F
ClientSampleId :
WC-3MS

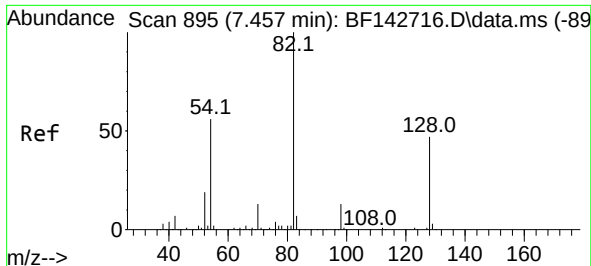
Tgt Ion:136 Resp: 222152
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 5.9 8.9
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 48.493 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:105 Resp: 239632
Ion Ratio Lower Upper
105 100
71 7.2 6.4 9.6
51 38.3 29.1 43.7
120 22.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 60.802 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

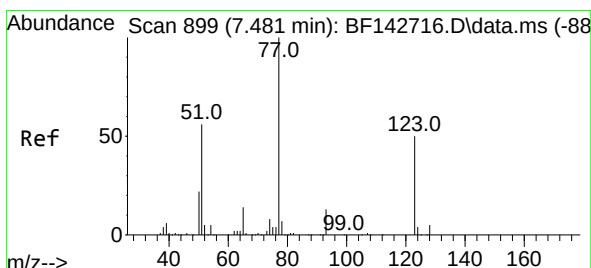
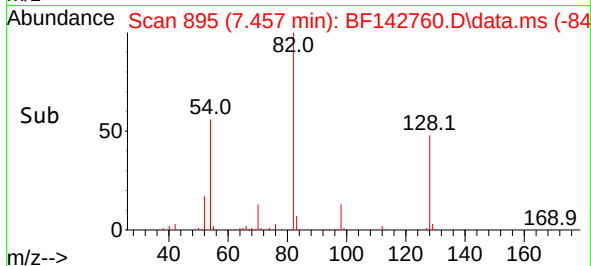
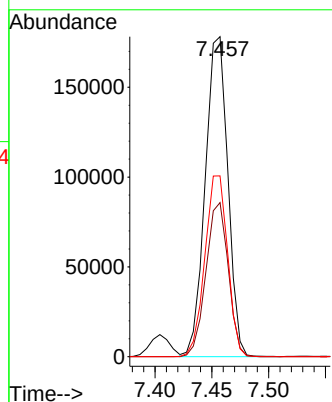
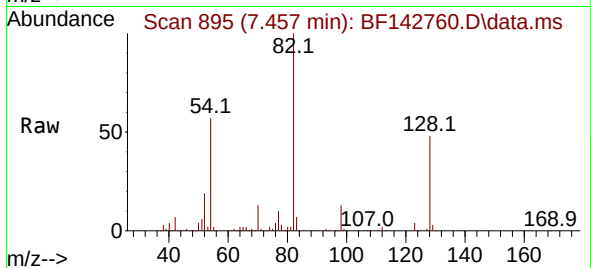
Tgt Ion: 82 Resp: 246809

Ion Ratio Lower Upper

82 100

128 48.1 37.8 56.8

54 56.5 44.9 67.3



#24

Nitrobenzene

Concen: 47.366 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

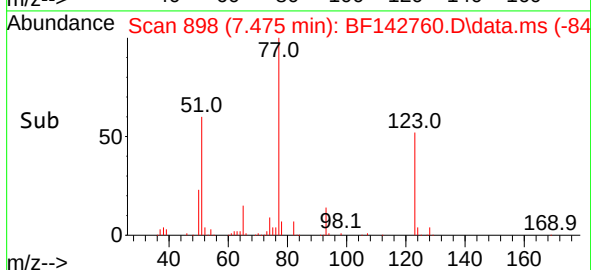
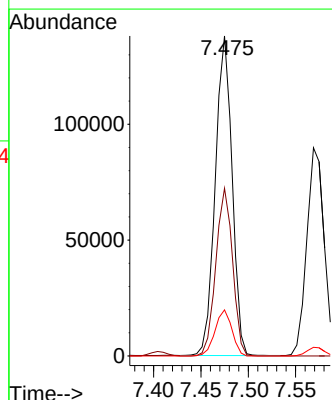
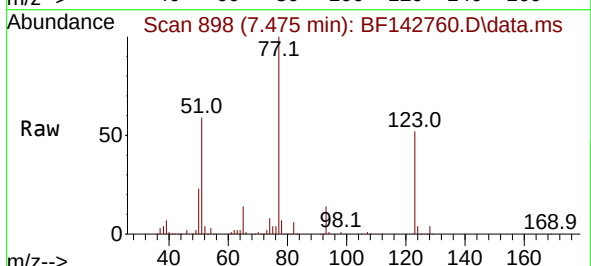
Tgt Ion: 77 Resp: 170643

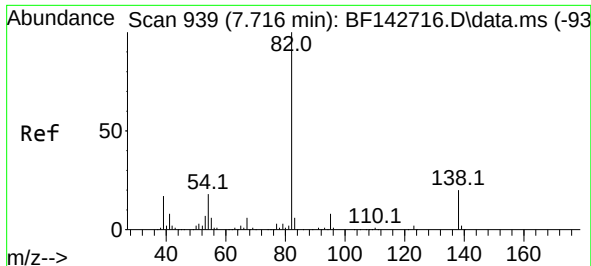
Ion Ratio Lower Upper

77 100

123 52.4 40.8 61.2

65 14.4 11.5 17.3

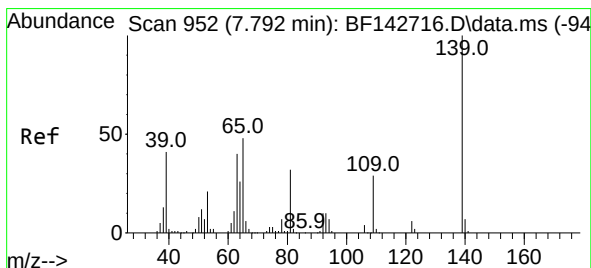
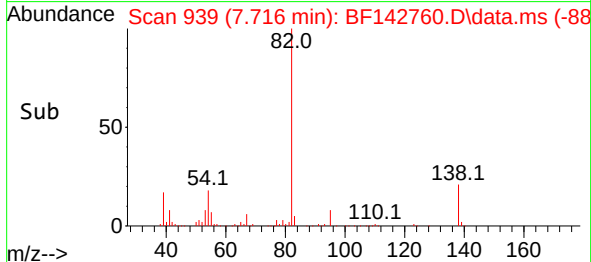
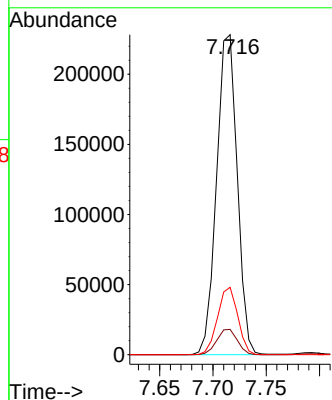
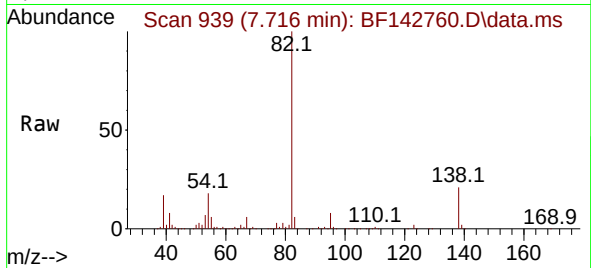




#25
Isophorone
Concen: 44.656 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

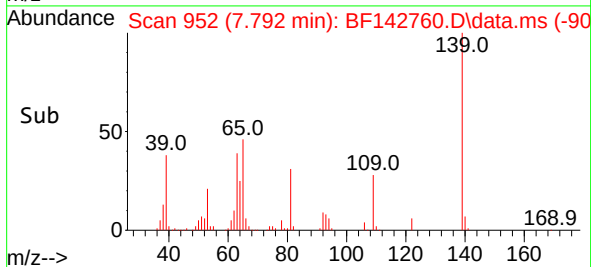
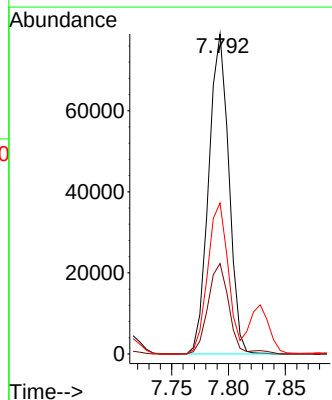
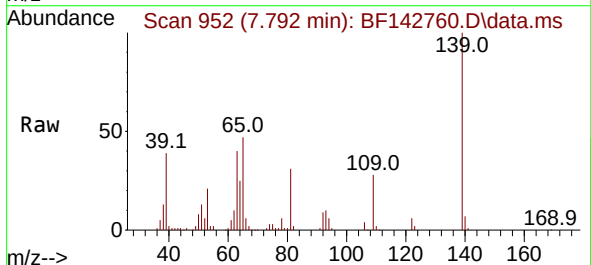
Instrument :
BNA_F
ClientSampleId :
WC-3MS

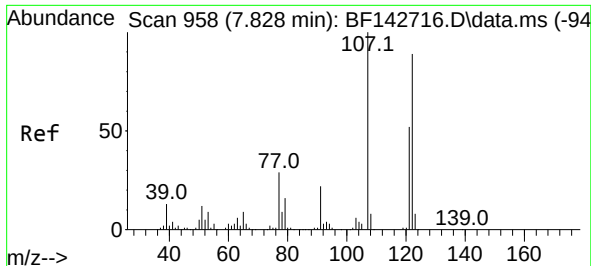
Tgt Ion: 82 Resp: 306916
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 21.1 15.8 23.6



#26
2-Nitrophenol
Concen: 48.341 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:139 Resp: 97194
Ion Ratio Lower Upper
139 100
109 28.3 23.4 35.2
65 47.2 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 46.436 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

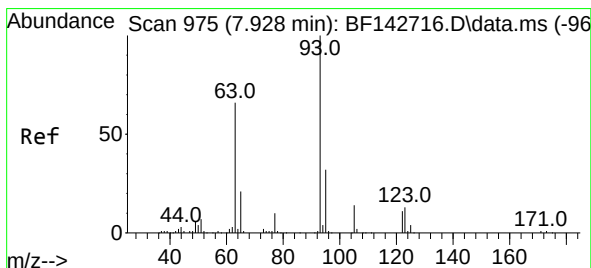
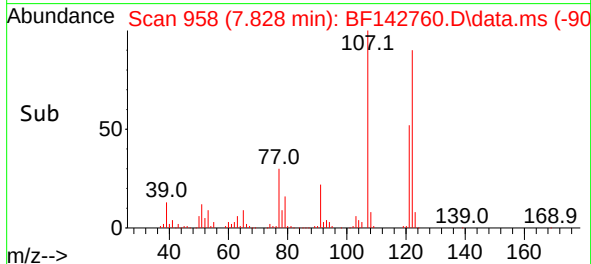
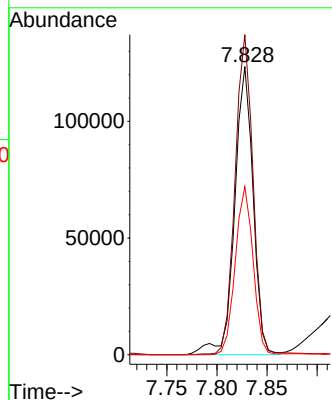
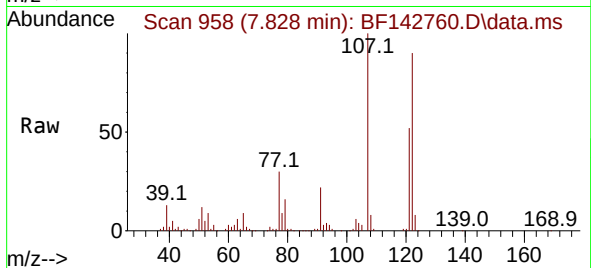
Tgt Ion:122 Resp: 158962

Ion Ratio Lower Upper

122 100

107 111.0 90.4 135.6

121 58.3 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.336 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

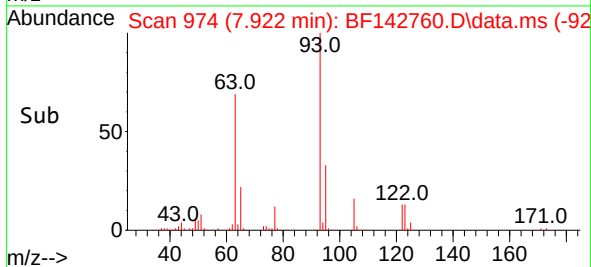
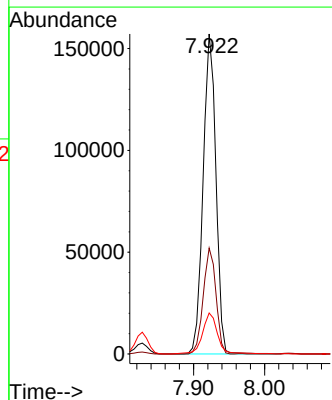
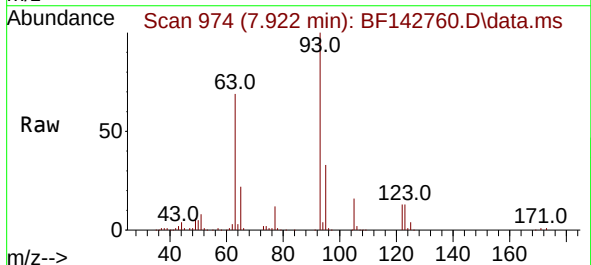
Tgt Ion: 93 Resp: 197722

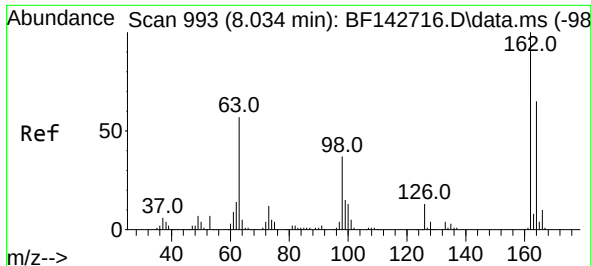
Ion Ratio Lower Upper

93 100

95 33.1 25.9 38.9

123 12.8 10.3 15.5

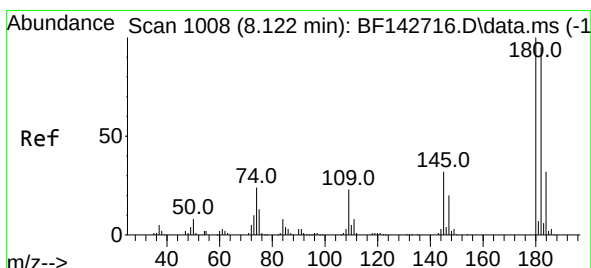
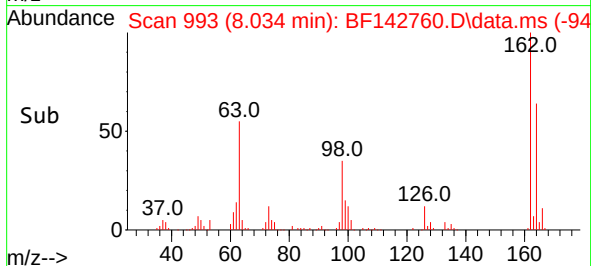
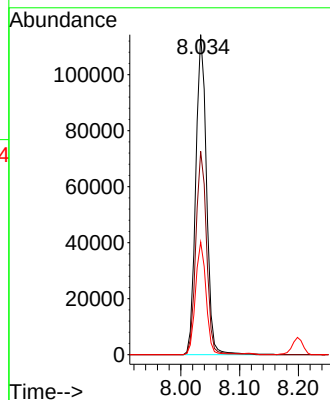
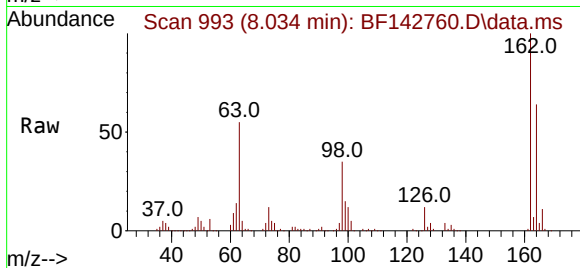




#29
2,4-Dichlorophenol
Concen: 45.937 ng
RT: 8.034 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

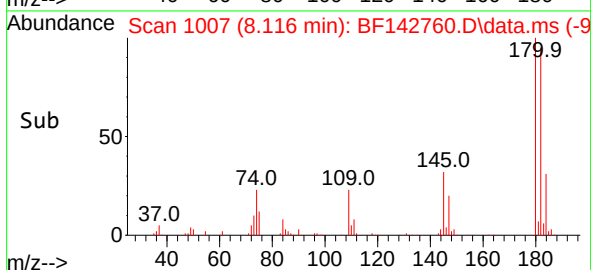
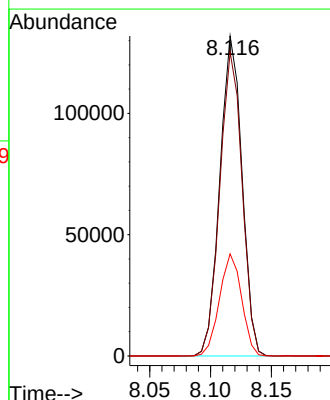
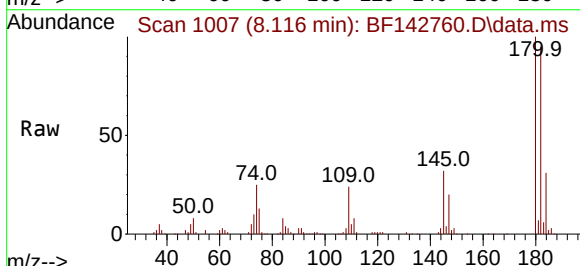
Instrument :
BNA_F
ClientSampleId :
WC-3MS

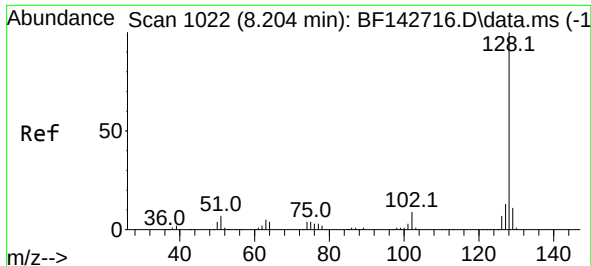
Tgt Ion:162 Resp: 145123
Ion Ratio Lower Upper
162 100
164 63.5 45.1 85.1
98 35.2 16.7 56.7



#30
1,2,4-Trichlorobenzene
Concen: 47.939 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:180 Resp: 167349
Ion Ratio Lower Upper
180 100
182 95.0 75.9 113.9
145 31.9 25.7 38.5

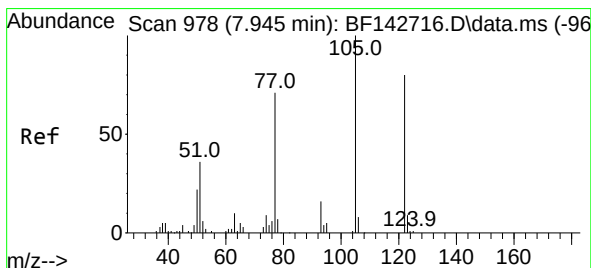
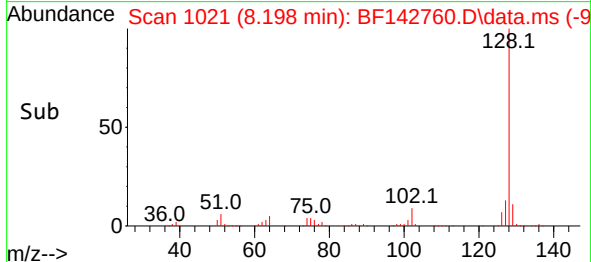
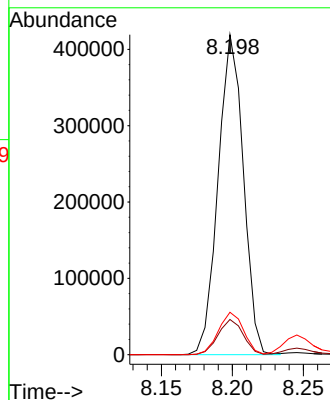
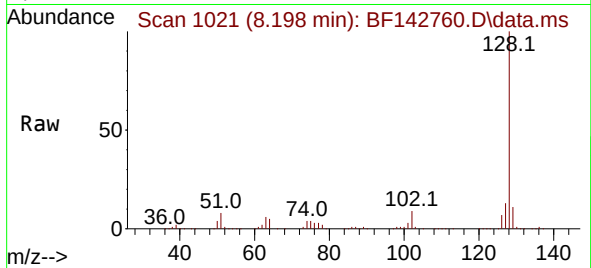




#31
Naphthalene
Concen: 47.134 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

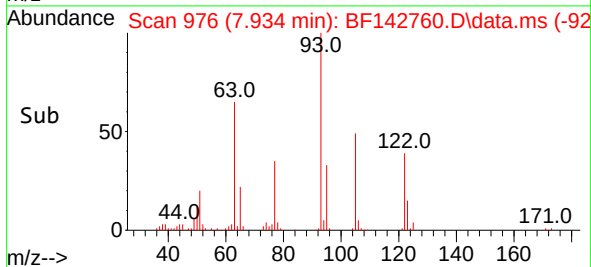
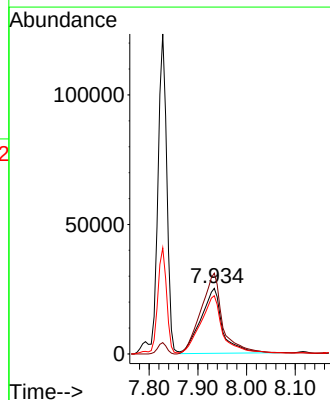
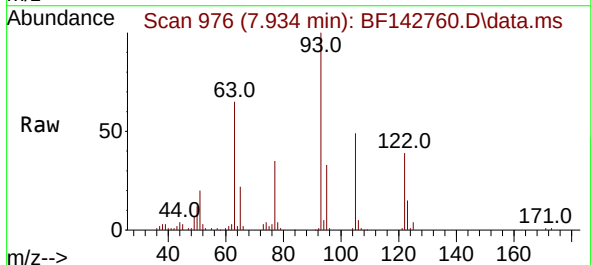
Instrument :
BNA_F
ClientSampleId :
WC-3MS

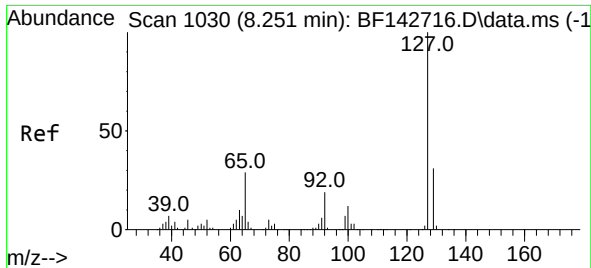
Tgt Ion:128 Resp: 517855
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 40.507 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:122 Resp: 78092
Ion Ratio Lower Upper
122 100
105 123.2 102.6 142.6
77 88.8 68.2 108.2

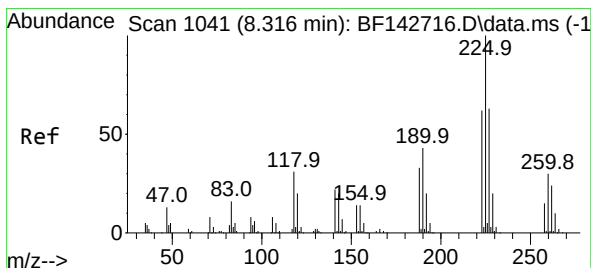
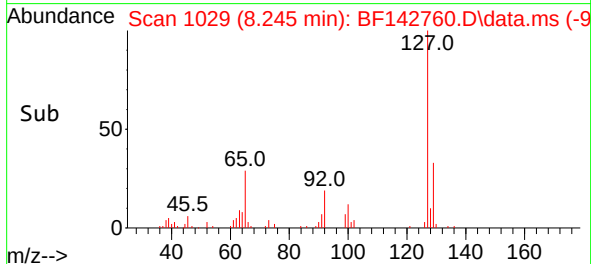
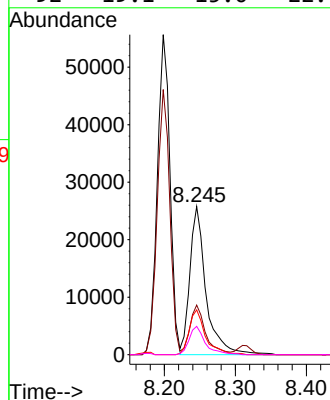
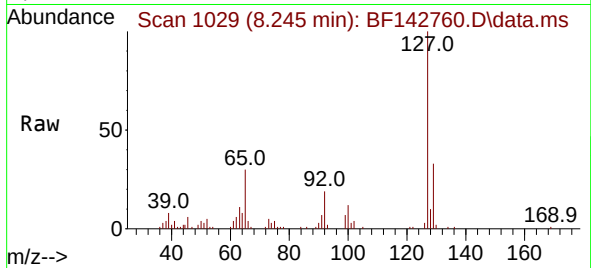




#33
4-Chloroaniline
Concen: 9.284 ng
RT: 8.245 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

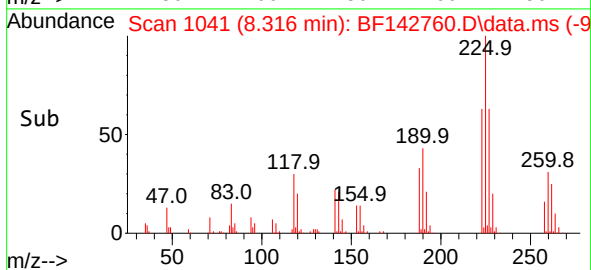
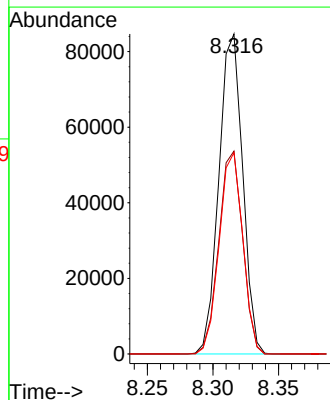
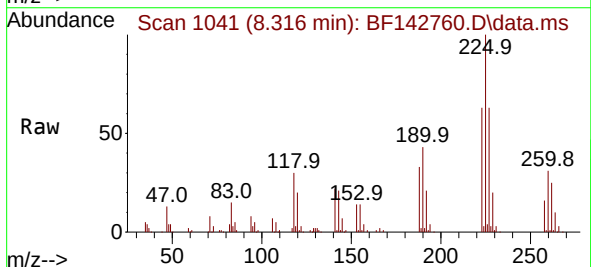
Instrument :
BNA_F
ClientSampleId :
WC-3MS

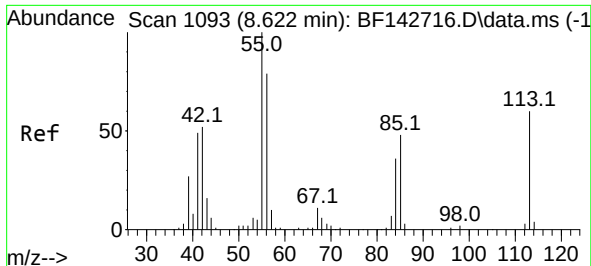
Tgt Ion:	127	Resp:	40955
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.6	38.4
65	30.2	23.0	34.4
92	19.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 47.957 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:	225	Resp:	106683
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.3	73.9
227	62.9	50.6	75.8

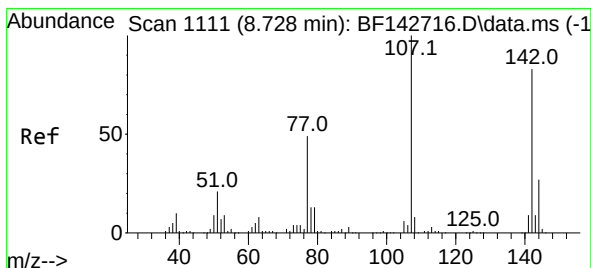
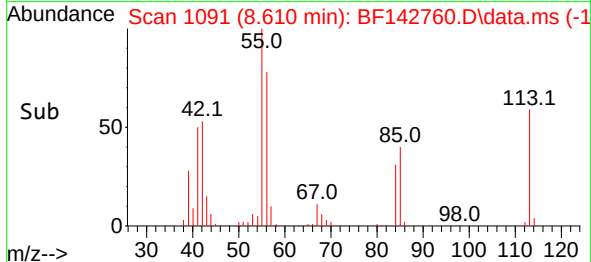
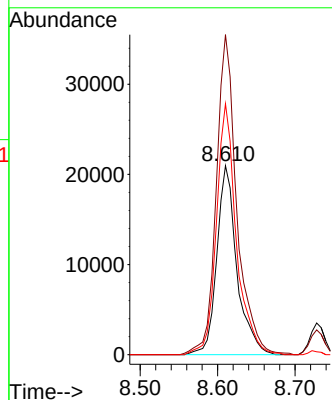
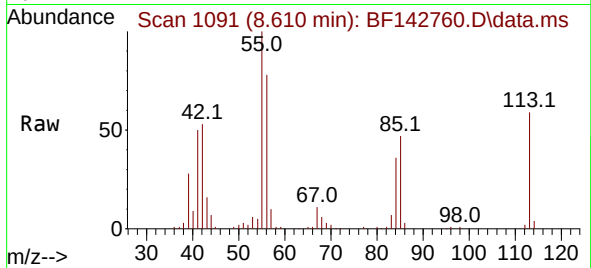




#35
 Caprolactam
 Concen: 44.232 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. -0.012 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

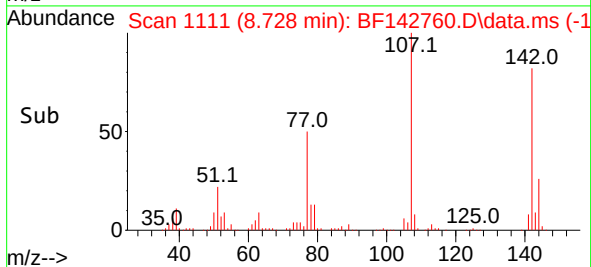
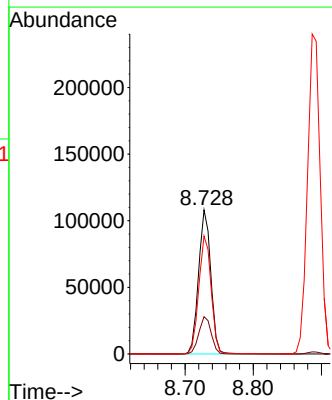
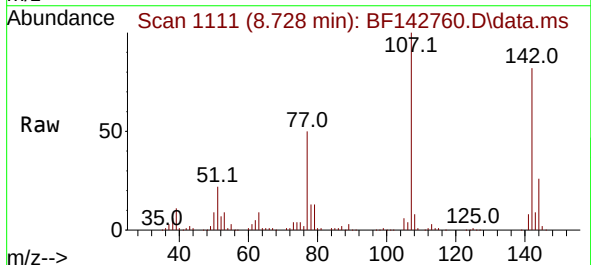
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

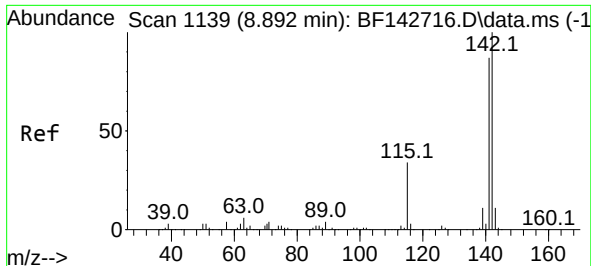
Tgt Ion:113 Resp: 37720
 Ion Ratio Lower Upper
 113 100
 55 169.4 147.9 187.9
 56 132.8 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.079 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

Tgt Ion:107 Resp: 134941
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.3 31.9
 142 81.9 66.2 99.2

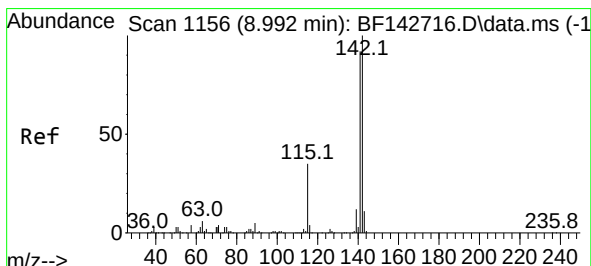
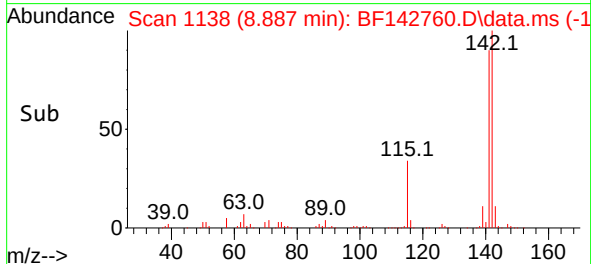
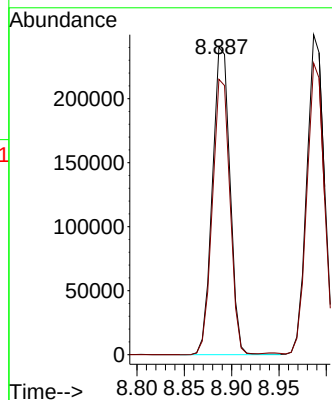
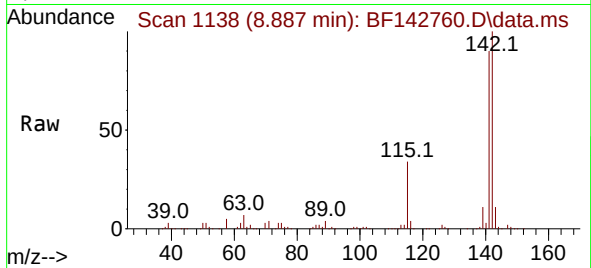




#37
2-Methylnaphthalene
Concen: 44.689 ng
RT: 8.887 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

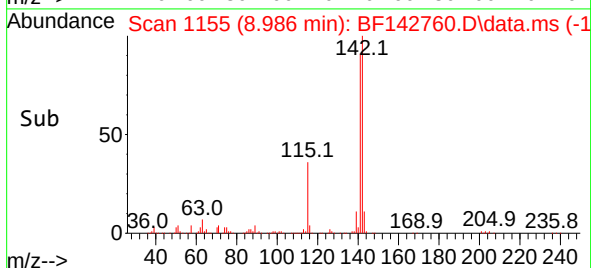
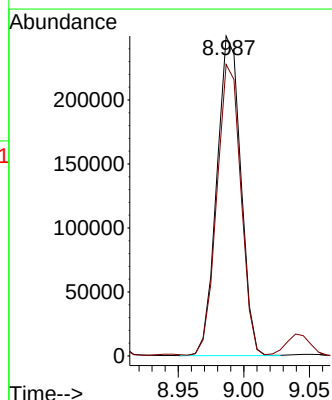
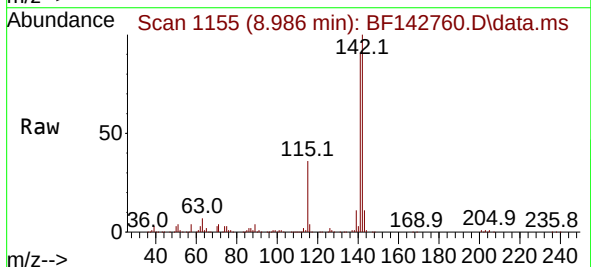
Instrument :
BNA_F
ClientSampleId :
WC-3MS

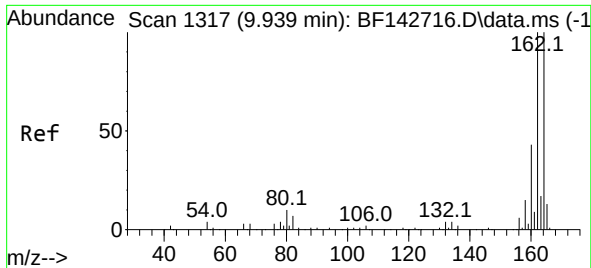
Tgt Ion:142 Resp: 310769
Ion Ratio Lower Upper
142 100
141 89.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 44.020 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:142 Resp: 317116
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

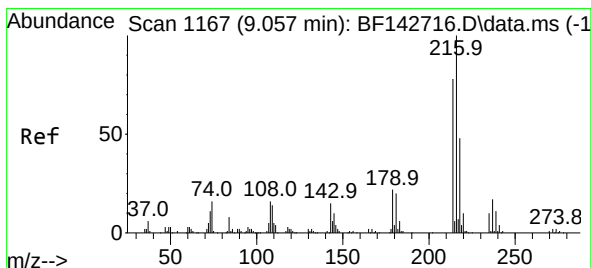
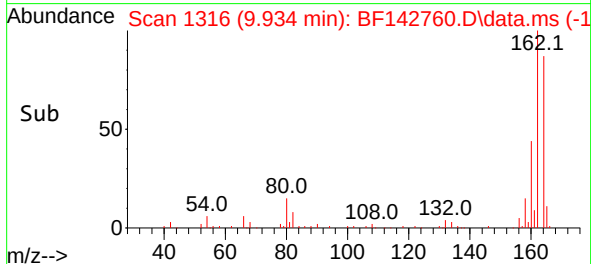
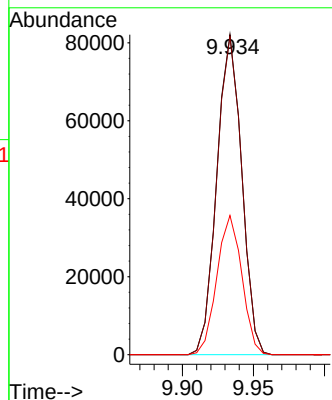
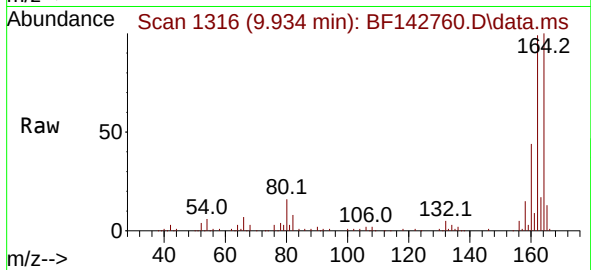
Tgt Ion:164 Resp: 100169

Ion Ratio Lower Upper

164 100

162 99.4 79.9 119.9

160 43.5 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.999 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Tgt Ion:216 Resp: 156552

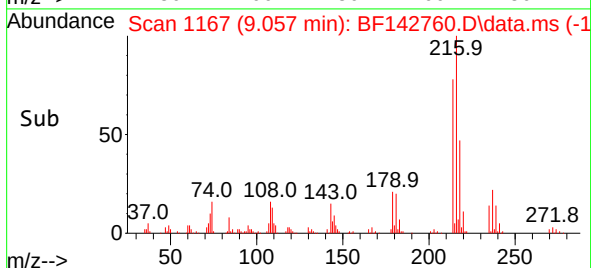
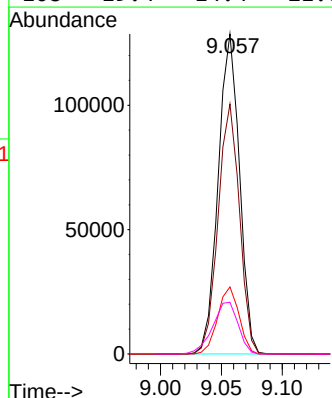
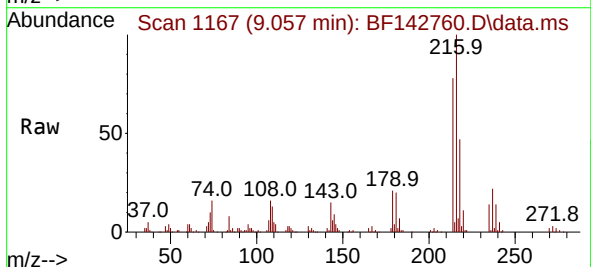
Ion Ratio Lower Upper

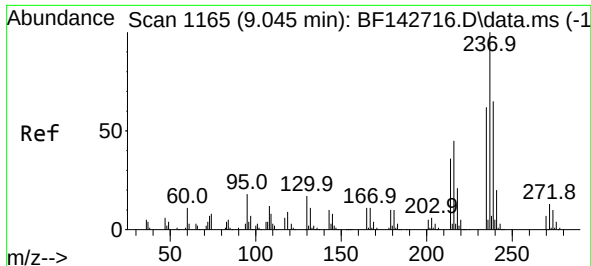
216 100

214 78.2 62.6 94.0

179 21.0 17.1 25.7

108 19.4 14.4 21.6

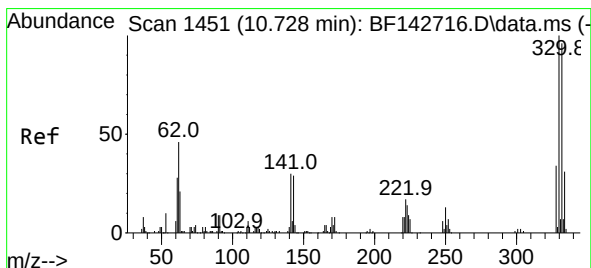
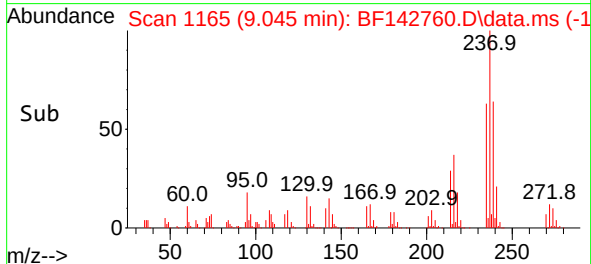
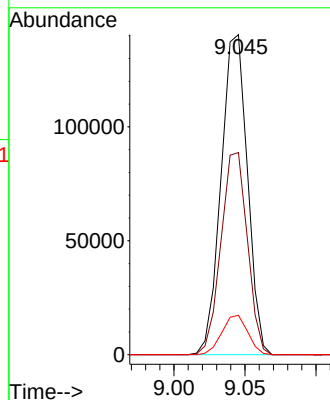
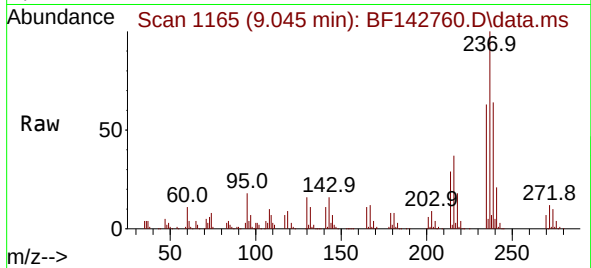




#41
Hexachlorocyclopentadiene
Concen: 97.478 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

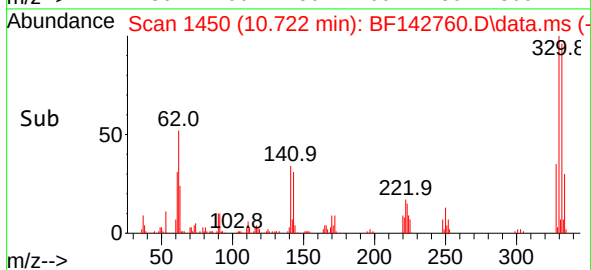
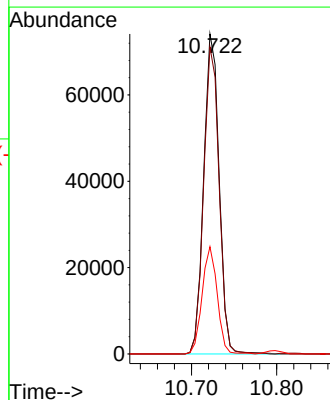
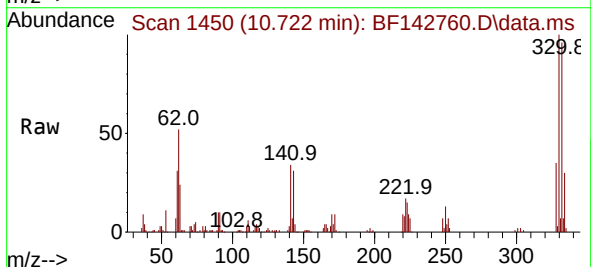
Instrument :
BNA_F
ClientSampleId :
WC-3MS

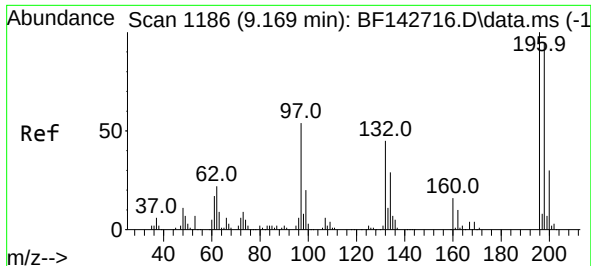
Tgt Ion:237 Resp: 181384
Ion Ratio Lower Upper
237 100
235 63.2 41.9 81.9
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 85.004 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:330 Resp: 93321
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 32.7 25.4 38.0

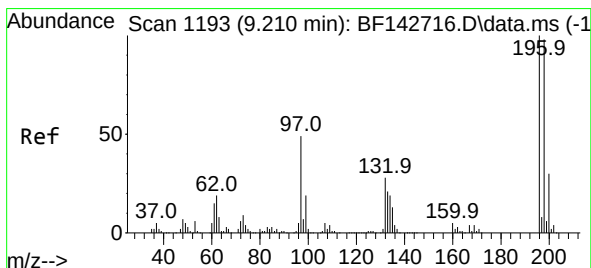
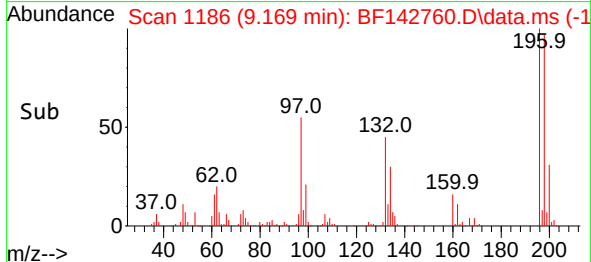
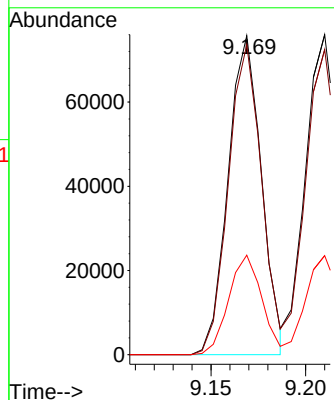
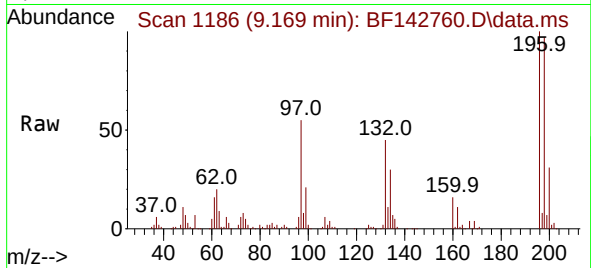




#43
2,4,6-Trichlorophenol
Concen: 49.406 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

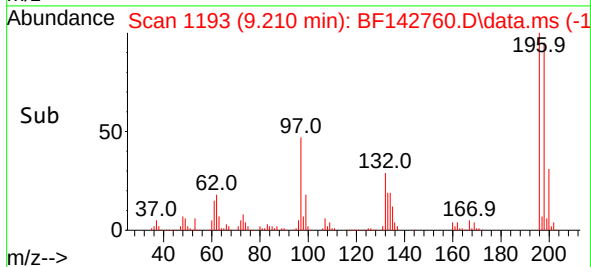
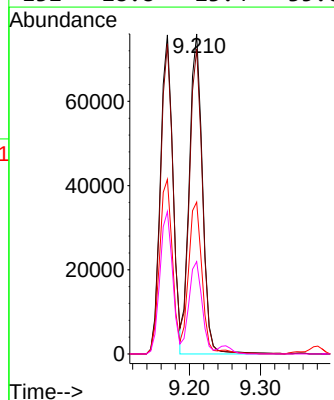
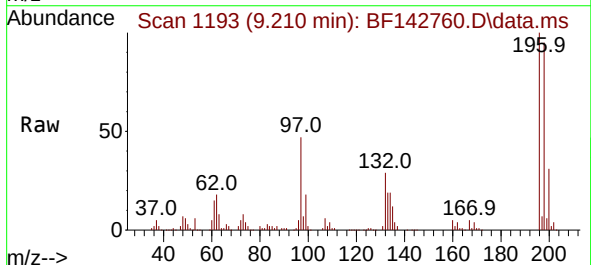
Instrument :
BNA_F
ClientSampleId :
WC-3MS

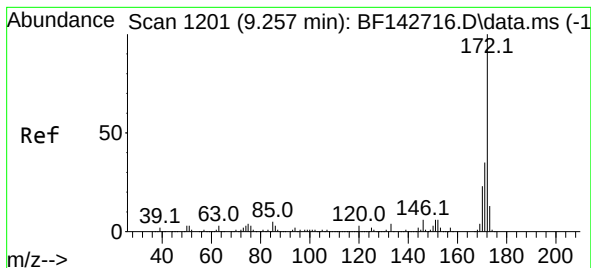
Tgt Ion:196 Resp: 92721
Ion Ratio Lower Upper
196 100
198 97.2 75.5 113.3
200 31.2 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 48.404 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:196 Resp: 98113
Ion Ratio Lower Upper
196 100
198 95.3 78.2 117.2
97 47.4 38.6 57.8
132 28.8 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 63.298 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

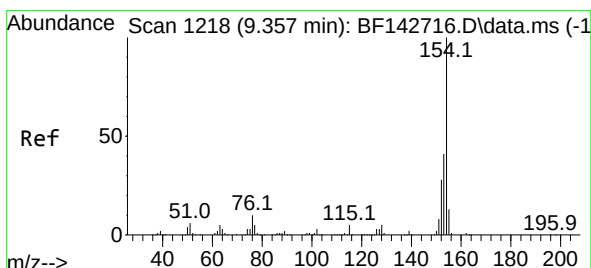
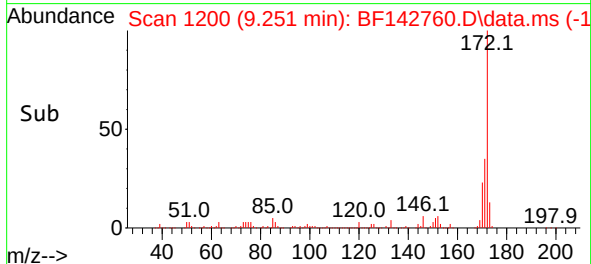
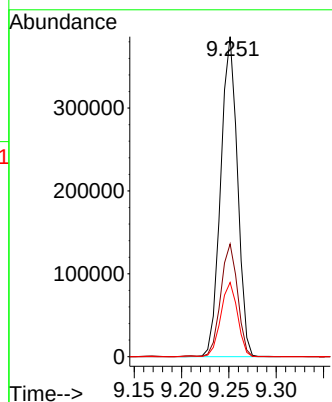
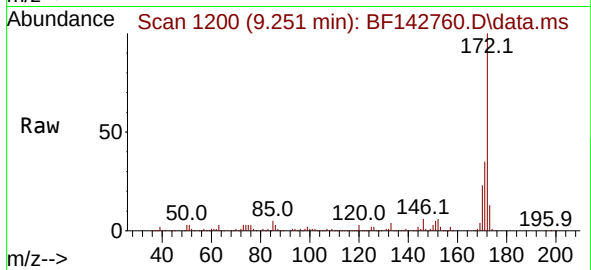
Tgt Ion:172 Resp: 477246

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 53.017 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

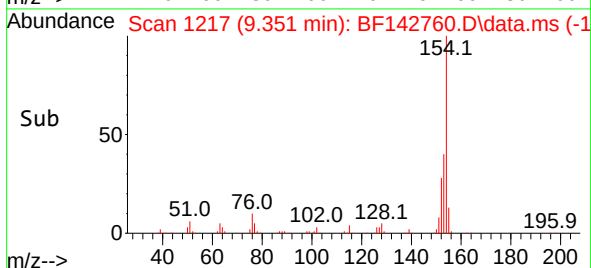
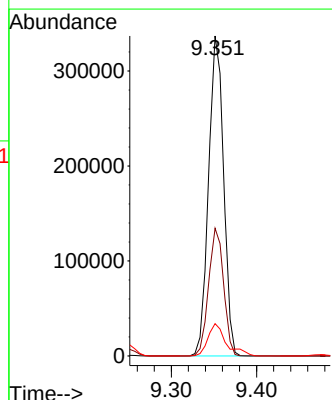
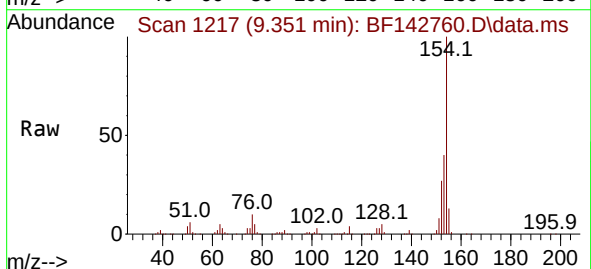
Tgt Ion:154 Resp: 412380

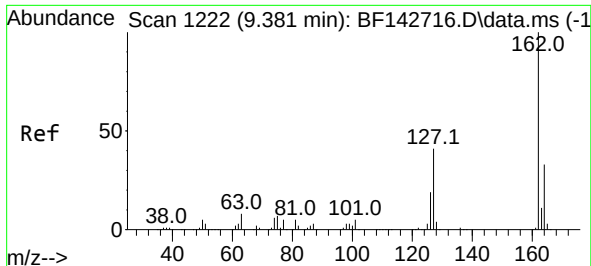
Ion Ratio Lower Upper

154 100

153 39.9 20.6 60.6

76 10.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 51.540 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

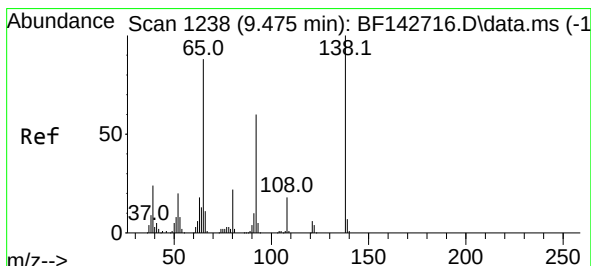
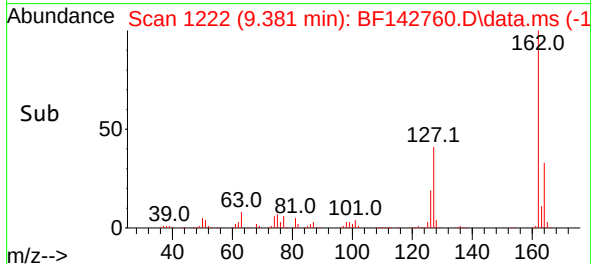
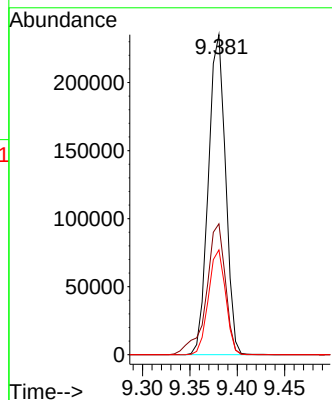
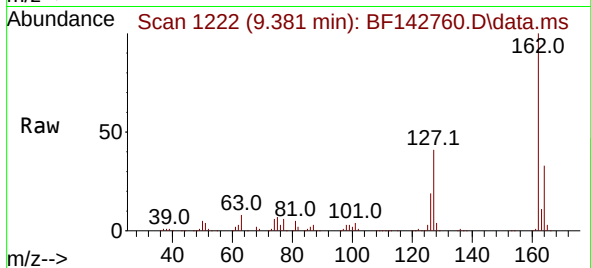
Tgt Ion:162 Resp: 295348

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 47.660 ng

RT: 9.475 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

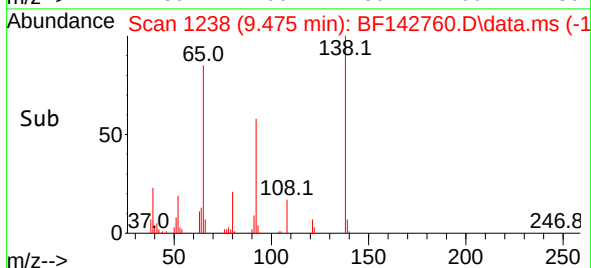
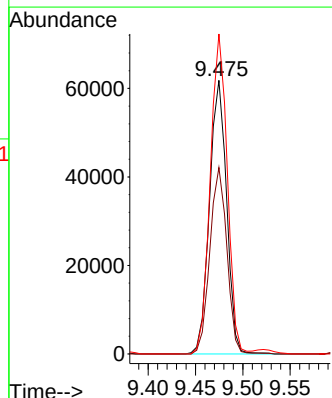
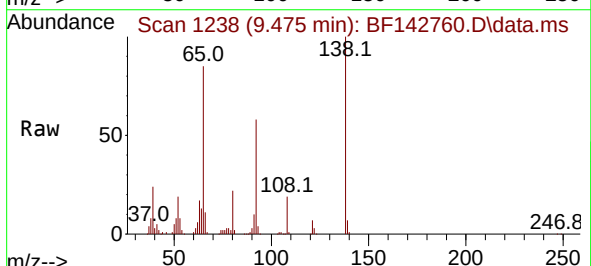
Tgt Ion: 65 Resp: 77678

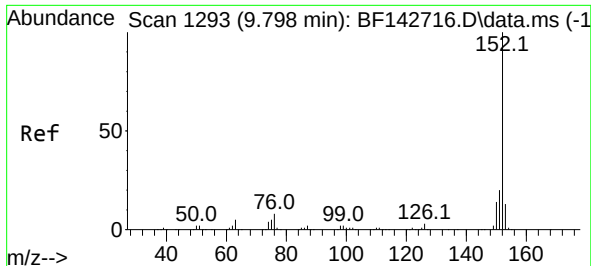
Ion Ratio Lower Upper

65 100

92 68.2 54.5 81.7

138 117.0 90.6 136.0





#49

Acenaphthylene

Concen: 48.776 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

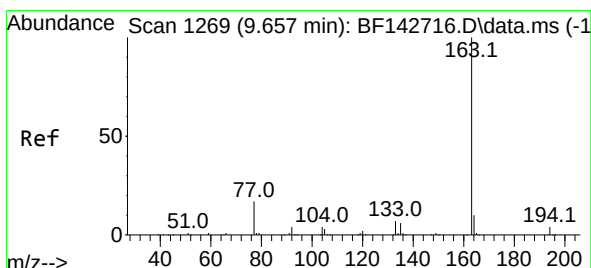
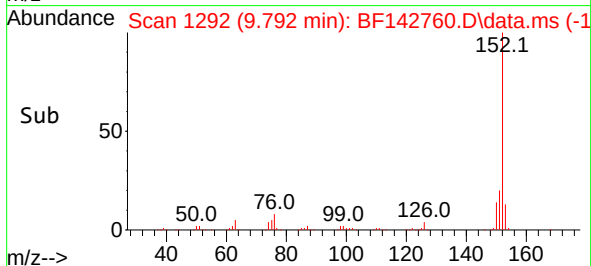
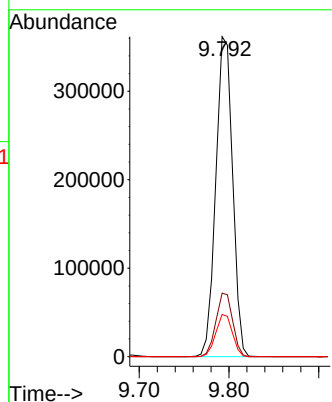
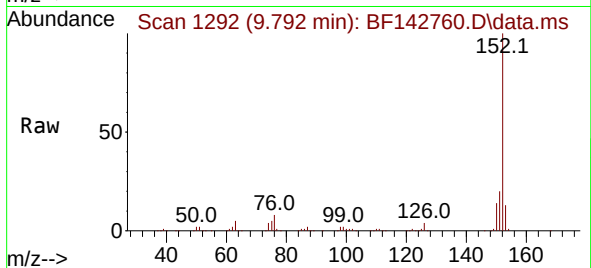
Tgt Ion:152 Resp: 471286

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 48.683 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

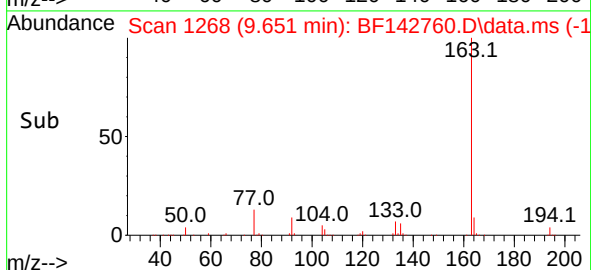
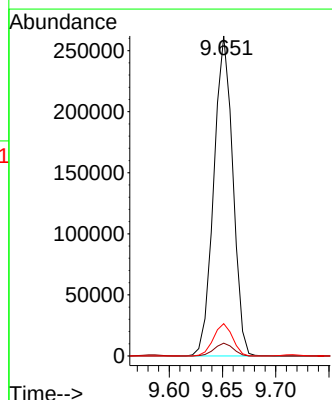
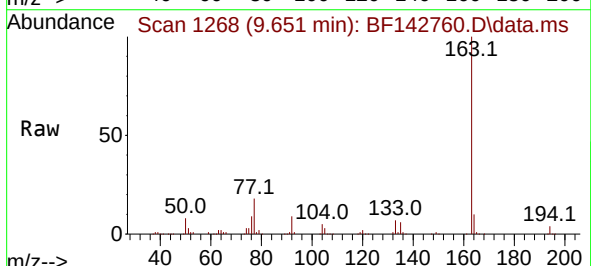
Tgt Ion:163 Resp: 325646

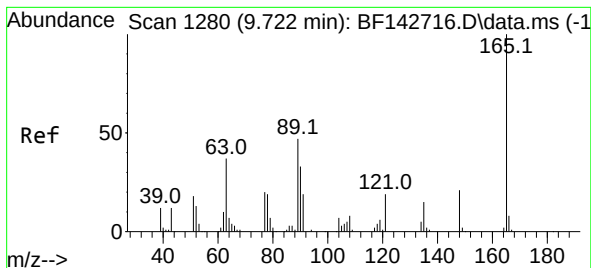
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 8.0 12.0

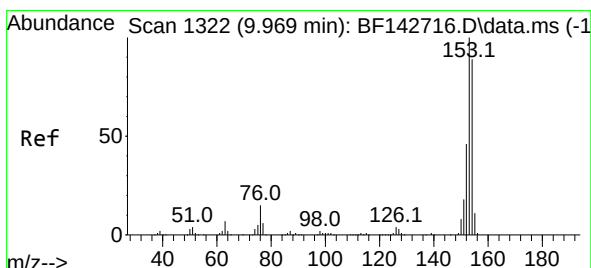
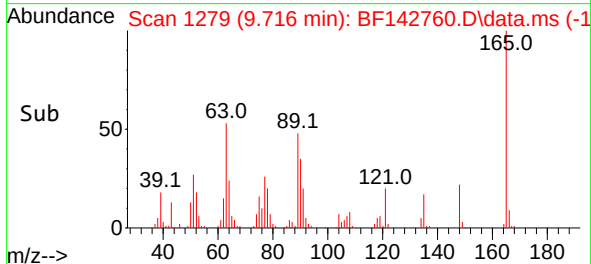
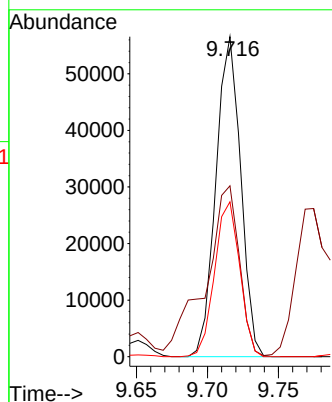
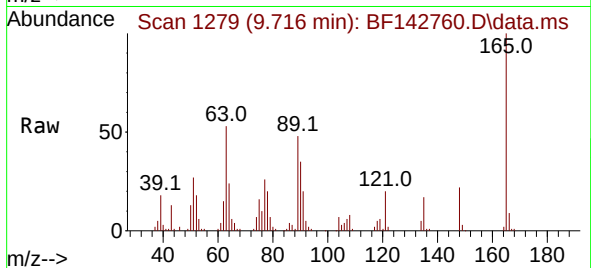




#51
2,6-Dinitrotoluene
Concen: 47.435 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

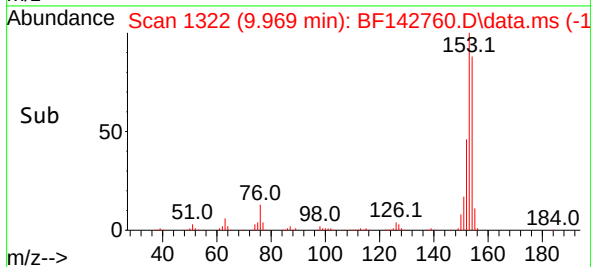
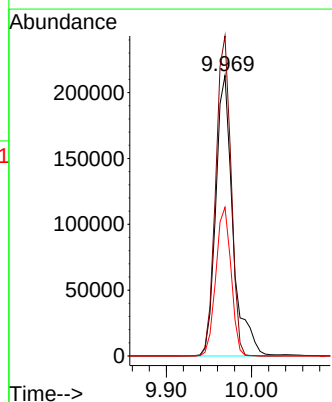
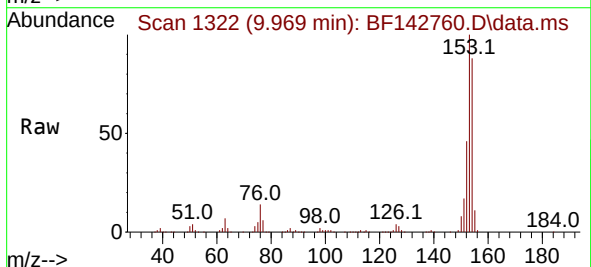
Instrument :
BNA_F
ClientSampleId :
WC-3MS

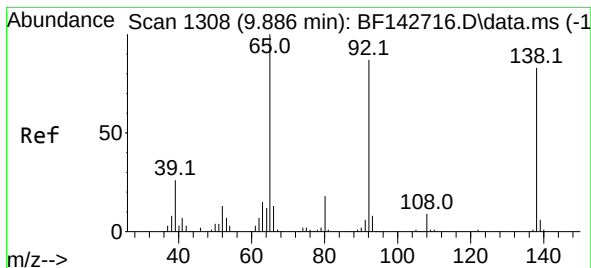
Tgt Ion:165 Resp: 68577
Ion Ratio Lower Upper
165 100
63 53.4 40.6 60.8
89 48.4 37.6 56.4



#52
Acenaphthene
Concen: 49.851 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:154 Resp: 298648
Ion Ratio Lower Upper
154 100
153 114.1 90.1 135.1
152 53.0 41.9 62.9





#53

3-Nitroaniline

Concen: 20.662 ng

RT: 9.881 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

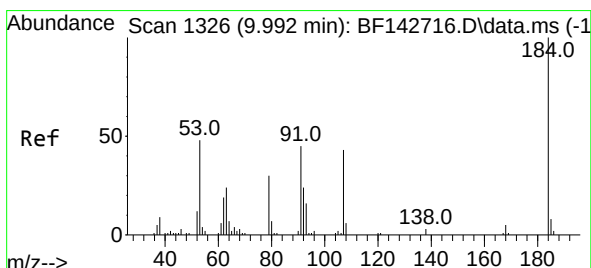
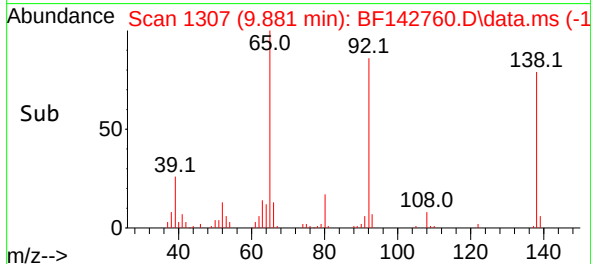
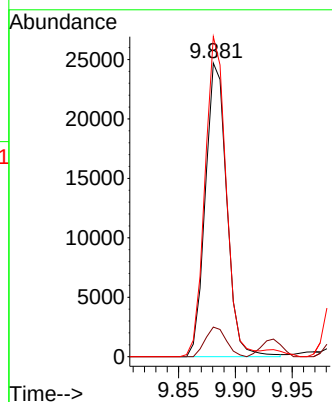
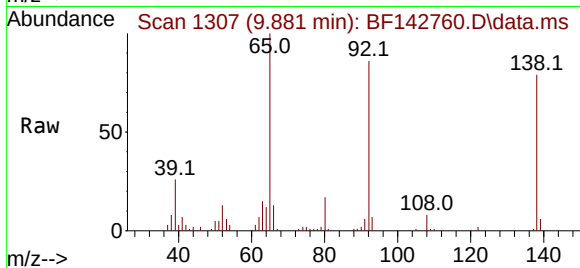
Tgt Ion:138 Resp: 32399

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

92 109.0 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 72.336 ng

RT: 9.992 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

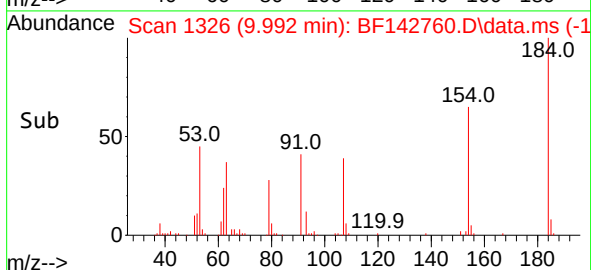
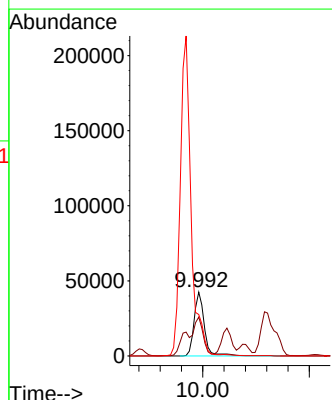
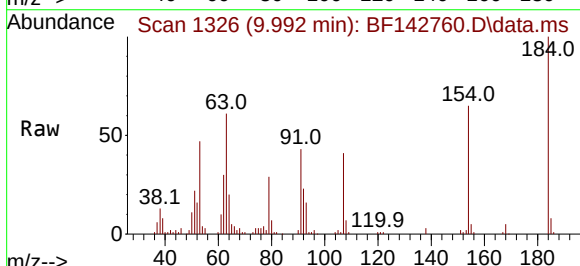
Tgt Ion:184 Resp: 57284

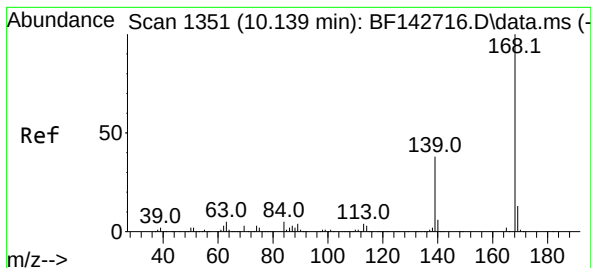
Ion Ratio Lower Upper

184 100

63 60.9 51.7 77.5

154 65.0 60.1 90.1





#55

Dibenzofuran

Concen: 46.970 ng

RT: 10.139 min Scan# 1351

Delta R.T. -0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

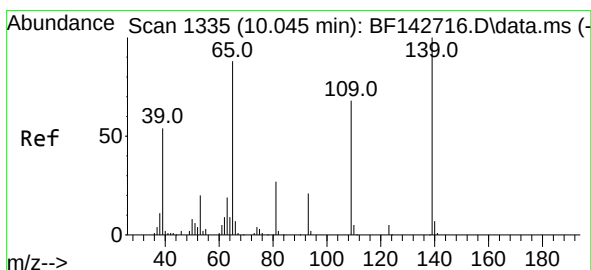
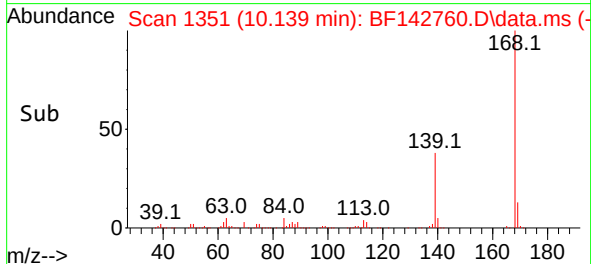
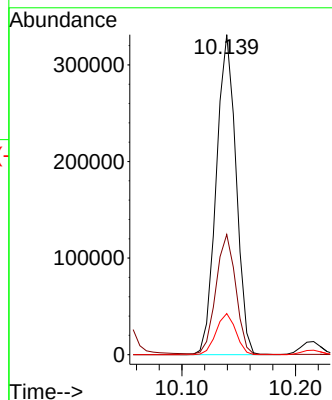
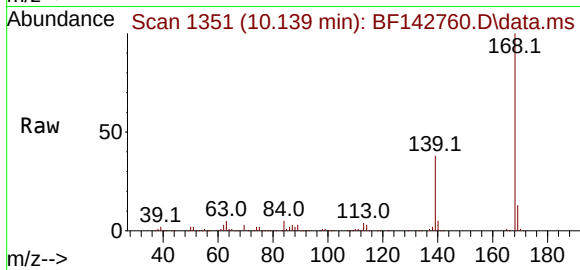
Tgt Ion:168 Resp: 400695

Ion Ratio Lower Upper

168 100

139 37.5 30.9 46.3

169 12.9 10.8 16.2



#56

4-Nitrophenol

Concen: 82.470 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

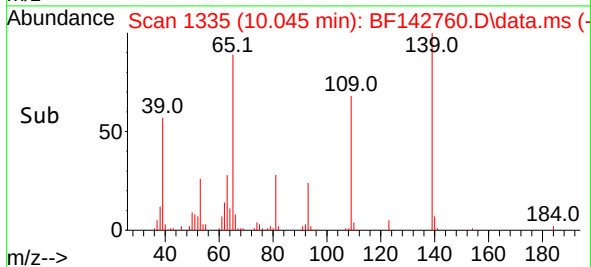
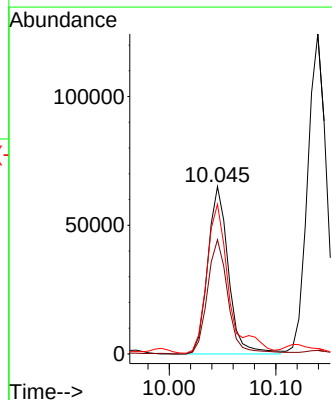
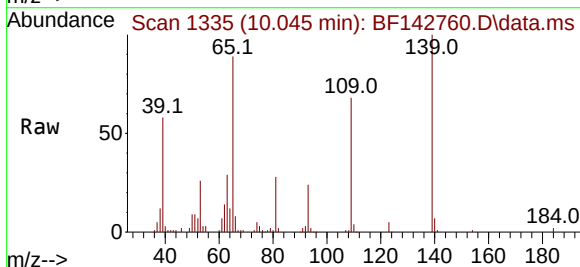
Tgt Ion:139 Resp: 87707

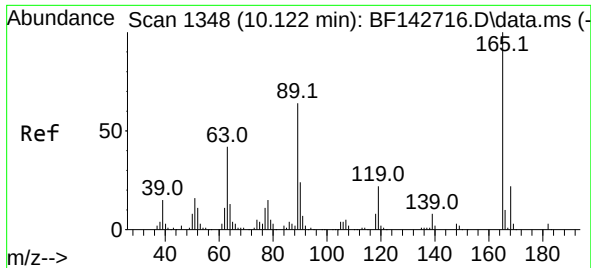
Ion Ratio Lower Upper

139 100

109 68.2 47.5 87.5

65 89.5 69.2 109.2

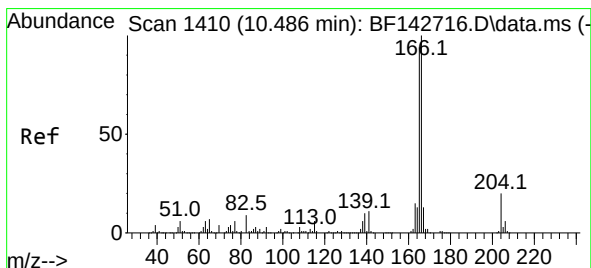
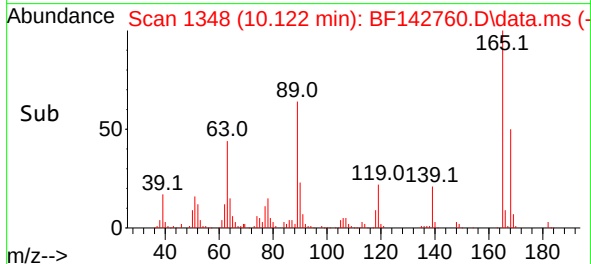
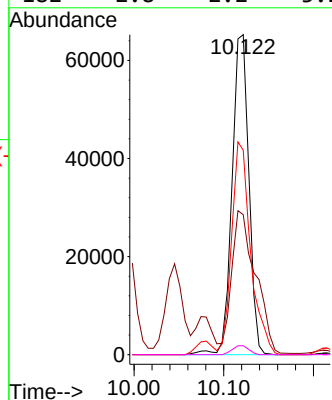
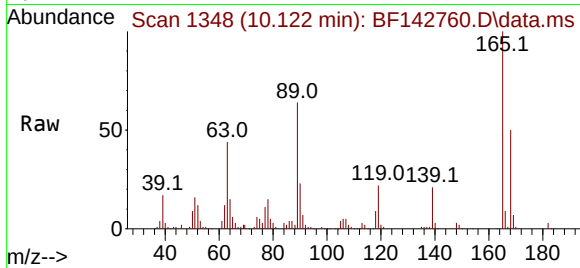




#57
2,4-Dinitrotoluene
Concen: 44.284 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

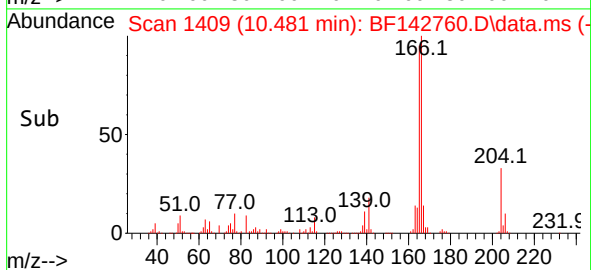
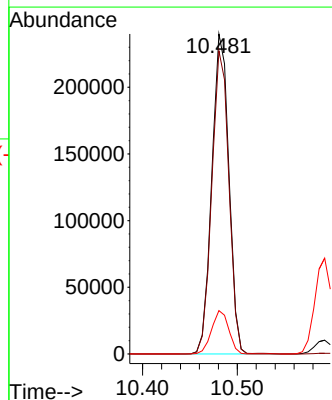
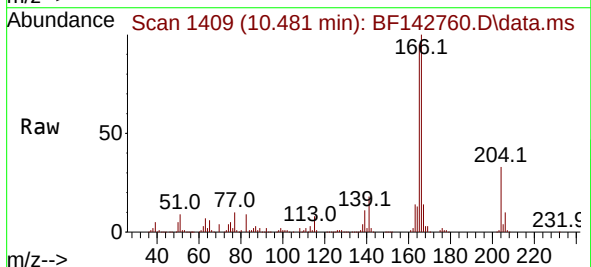
Instrument :
BNA_F
ClientSampleId :
WC-3MS

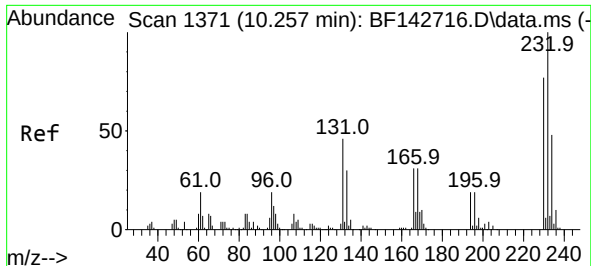
Tgt Ion:165 Resp: 84647
Ion Ratio Lower Upper
165 100
63 43.7 34.1 51.1
89 63.9 50.8 76.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 44.535 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:166 Resp: 300016
Ion Ratio Lower Upper
166 100
165 94.7 74.9 112.3
167 13.5 10.7 16.1

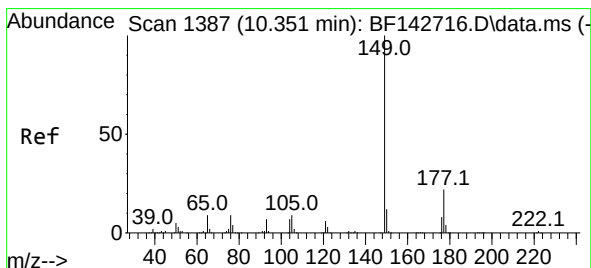
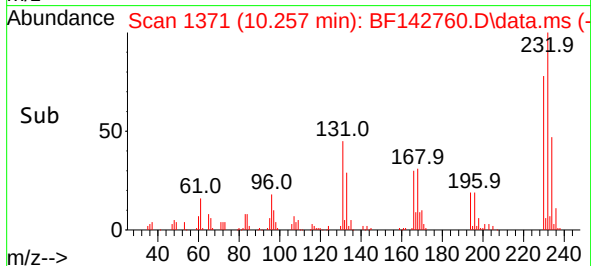
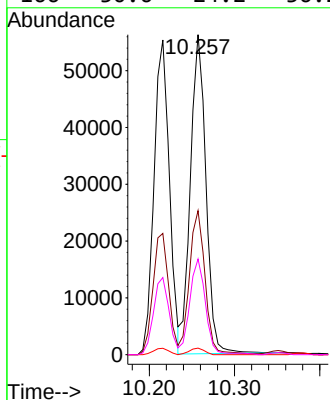
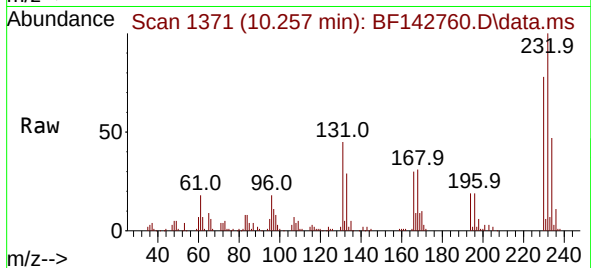




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.717 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

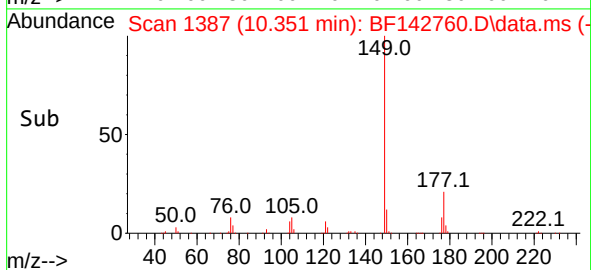
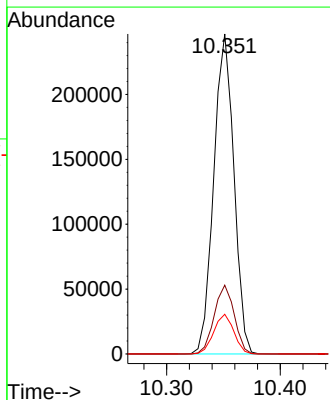
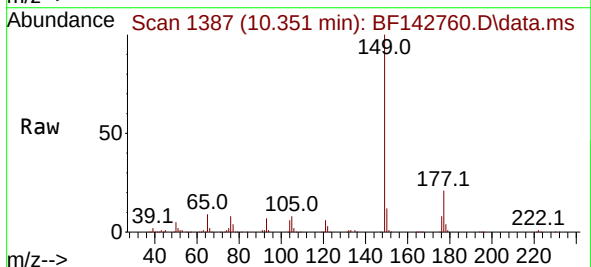
Instrument :
BNA_F
ClientSampleId :
WC-3MS

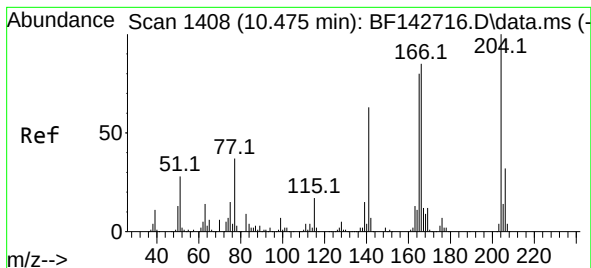
Tgt Ion:232 Resp: 71139
Ion Ratio Lower Upper
232 100
131 45.7 35.8 53.8
130 2.0 1.8 2.6
166 30.6 24.2 36.2



#60
Diethylphthalate
Concen: 45.810 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:149 Resp: 303848
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.4 10.0 15.0

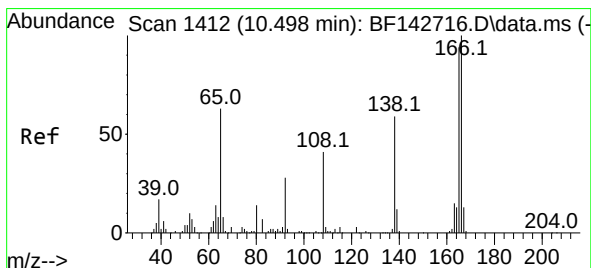
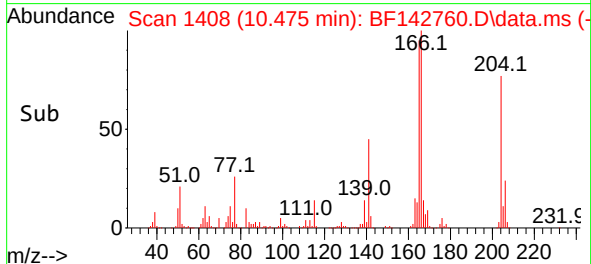
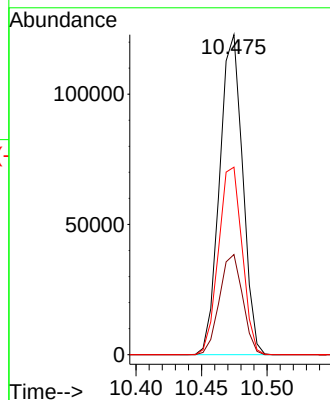
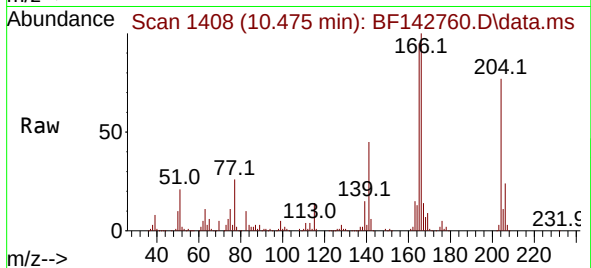




#61
4-Chlorophenyl-phenylether
Concen: 45.661 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

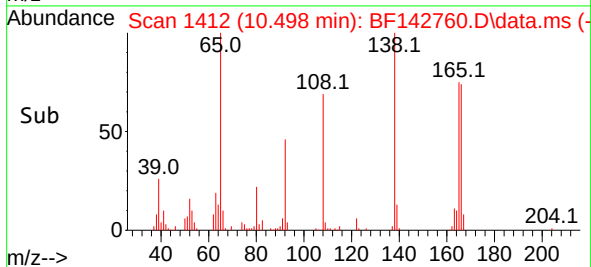
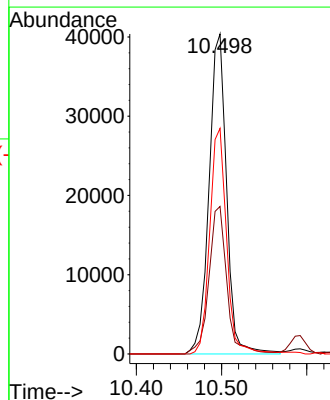
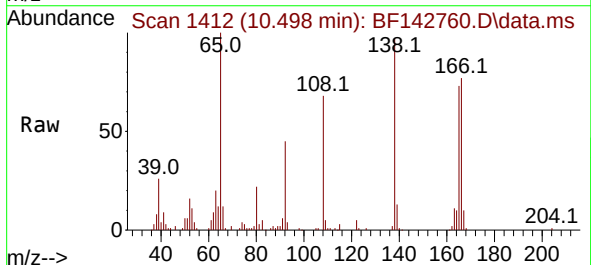
Instrument :
BNA_F
ClientSampleId :
WC-3MS

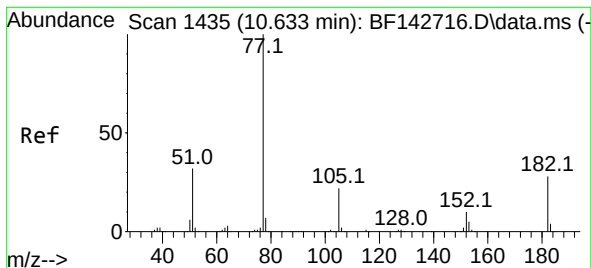
Tgt Ion:204 Resp: 150223
Ion Ratio Lower Upper
204 100
206 31.3 25.9 38.9
141 58.6 50.2 75.4



#62
4-Nitroaniline
Concen: 41.140 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:138 Resp: 57712
Ion Ratio Lower Upper
138 100
92 46.1 27.2 67.2
108 70.5 49.9 89.9





#63

Azobenzene

Concen: 47.211 ng

RT: 10.633 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion: 77 Resp: 273484

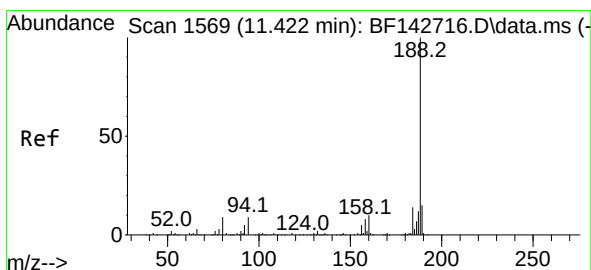
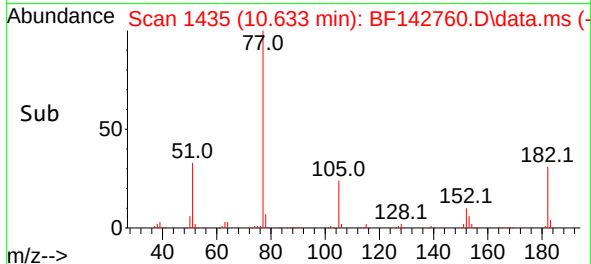
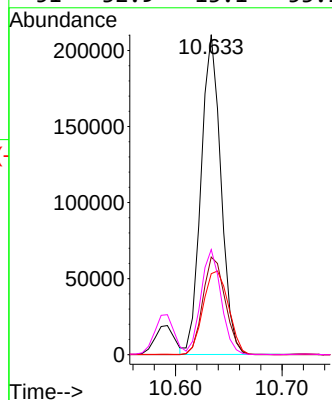
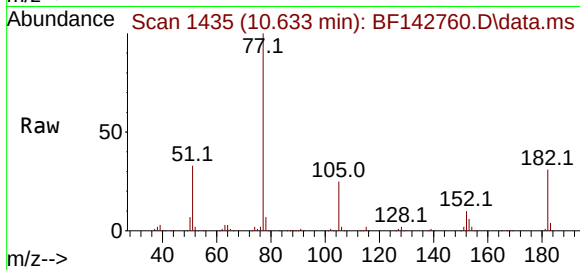
Ion Ratio Lower Upper

77 100

182 30.5 7.8 47.8

105 25.3 1.9 41.9

51 32.9 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

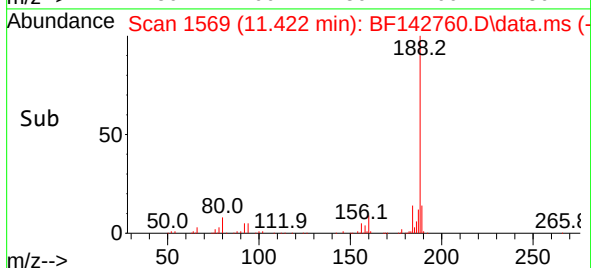
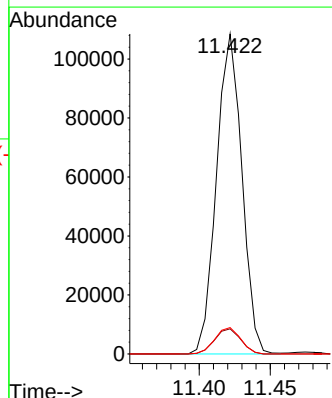
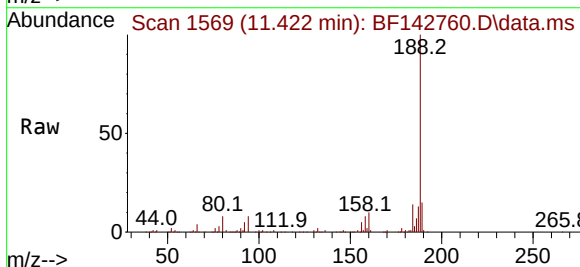
Tgt Ion:188 Resp: 134861

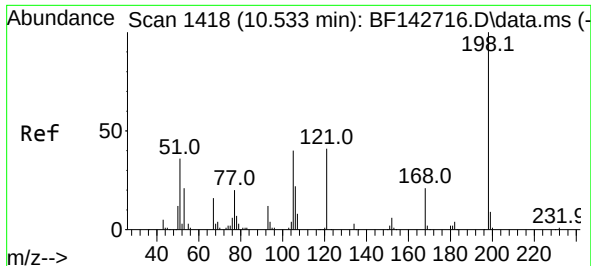
Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 8.3 7.1 10.7

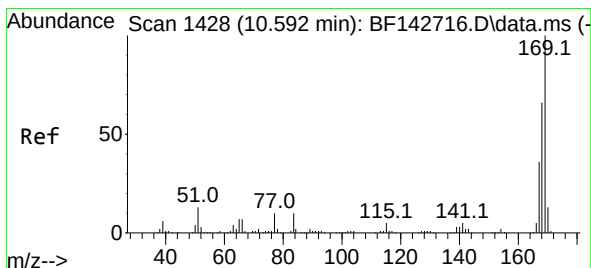
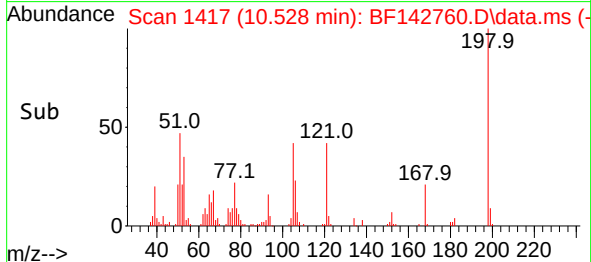
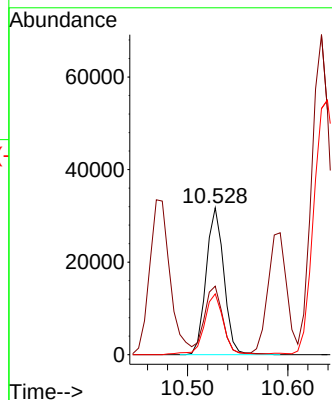
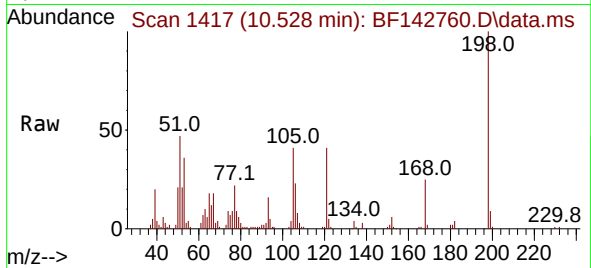




#65
4,6-Dinitro-2-methylphenol
Concen: 46.373 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

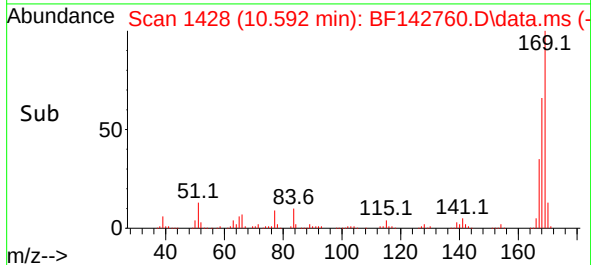
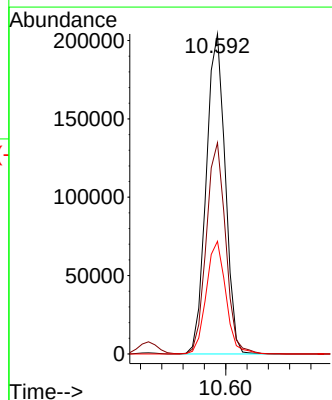
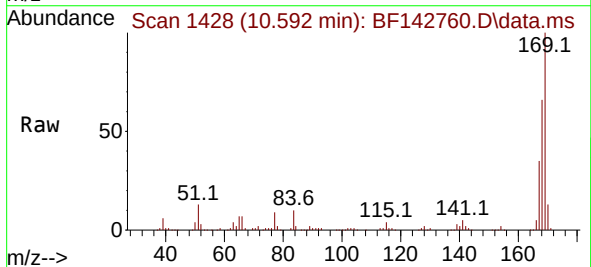
Instrument :
BNA_F
ClientSampleId :
WC-3MS

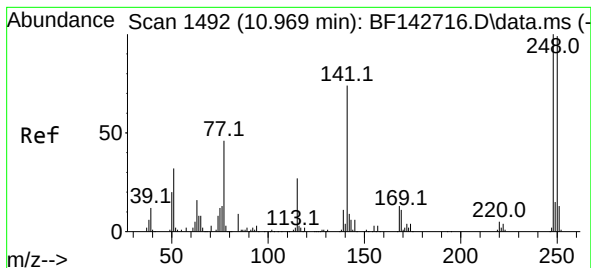
Tgt Ion:198 Resp: 39163
Ion Ratio Lower Upper
198 100
51 46.6 25.5 65.5
105 41.3 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 54.570 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:169 Resp: 252969
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.4
167 35.2 28.7 43.1

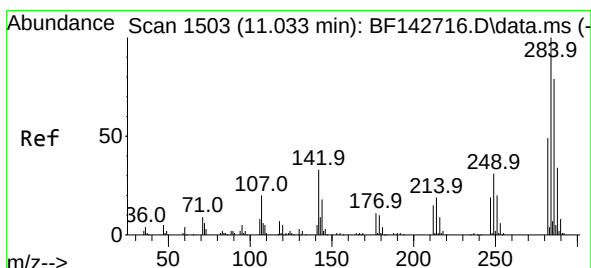
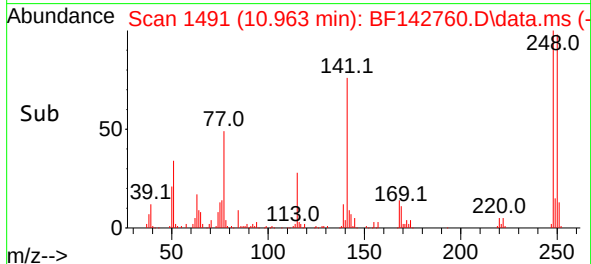
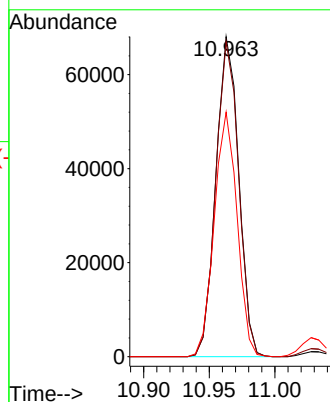
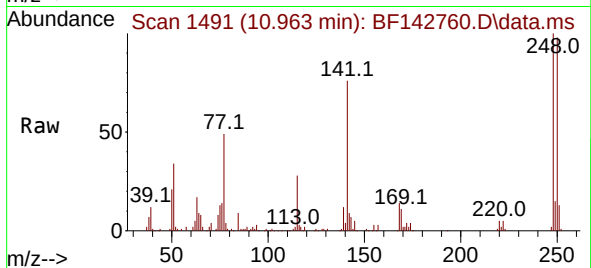




#67
4-Bromophenyl-phenylether
Concen: 51.932 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

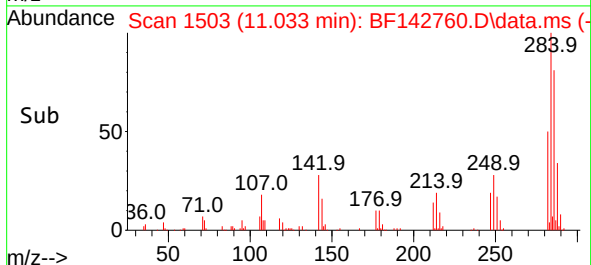
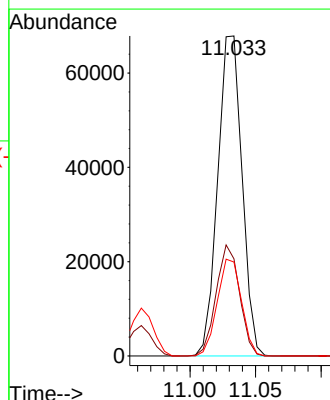
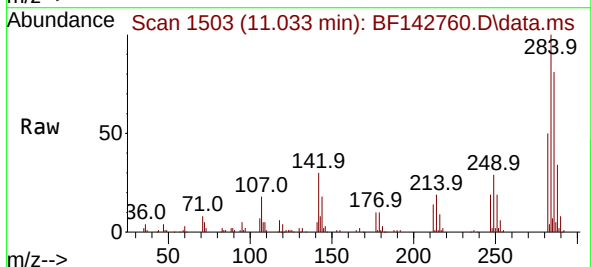
Instrument :
BNA_F
ClientSampleId :
WC-3MS

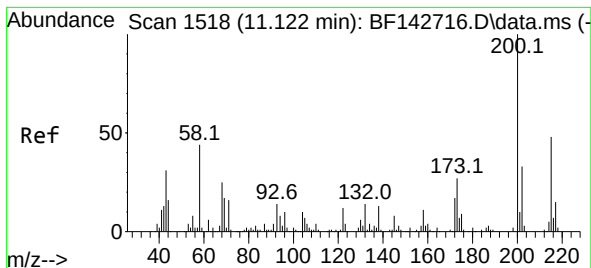
Tgt Ion:248 Resp: 82670
Ion Ratio Lower Upper
248 100
250 98.4 79.2 118.8
141 76.4 59.3 88.9



#68
Hexachlorobenzene
Concen: 49.470 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:284 Resp: 87415
Ion Ratio Lower Upper
284 100
142 30.3 26.0 39.0
249 29.3 24.6 37.0





#69

Atrazine

Concen: 57.635 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

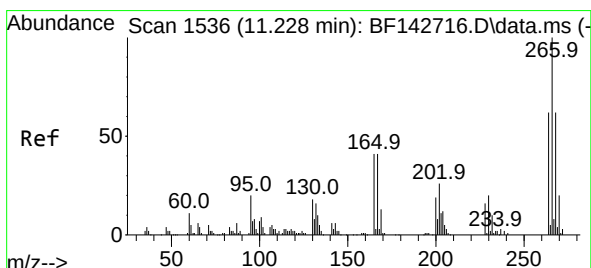
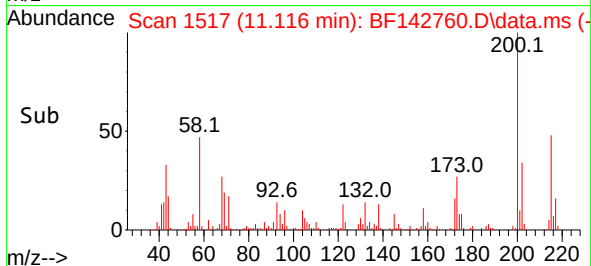
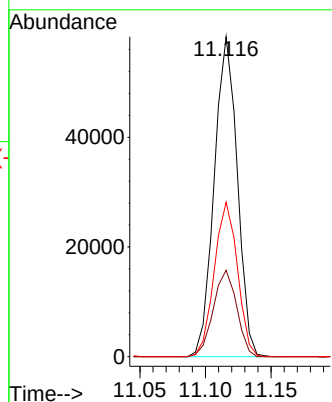
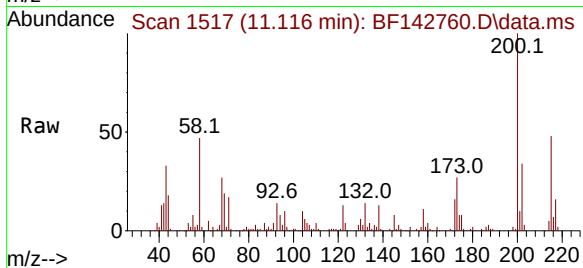
Tgt Ion:200 Resp: 71232

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

215 48.2 28.2 68.2



#70

Pentachlorophenol

Concen: 94.709 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

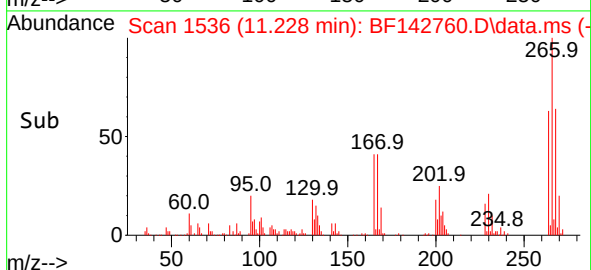
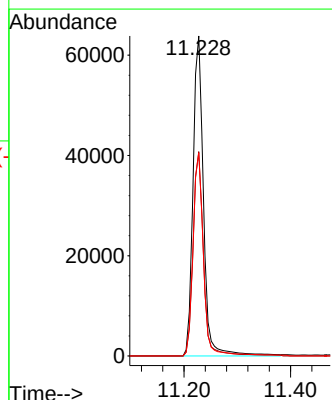
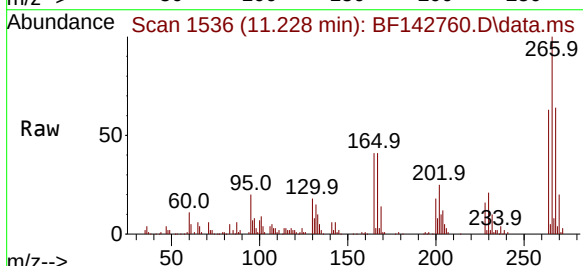
Tgt Ion:266 Resp: 87725

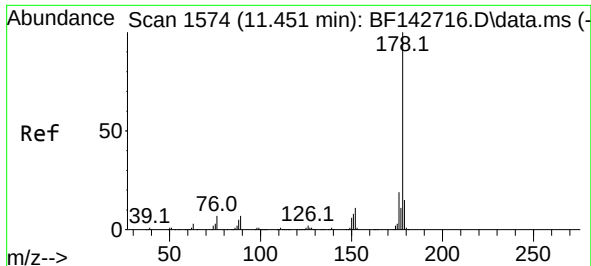
Ion Ratio Lower Upper

266 100

268 63.9 49.6 74.4

264 63.5 49.5 74.3

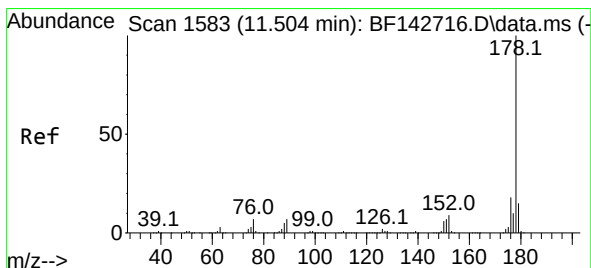
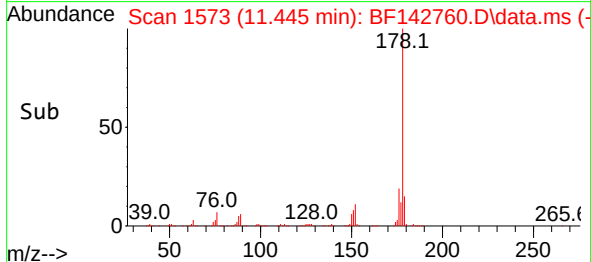
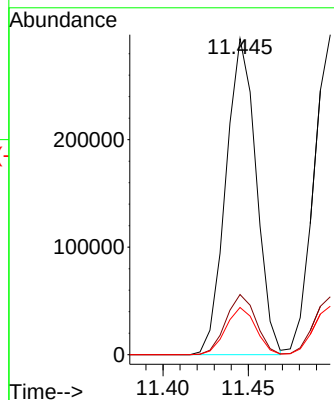
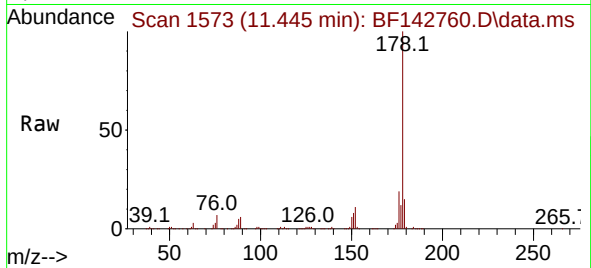




#71
Phenanthrene
Concen: 50.214 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

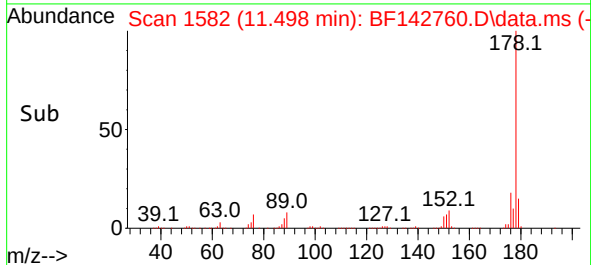
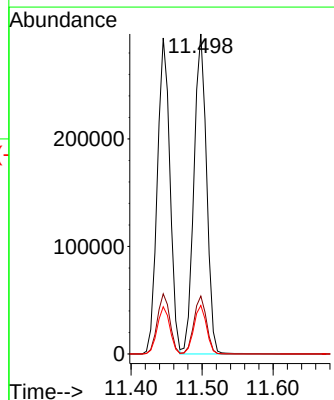
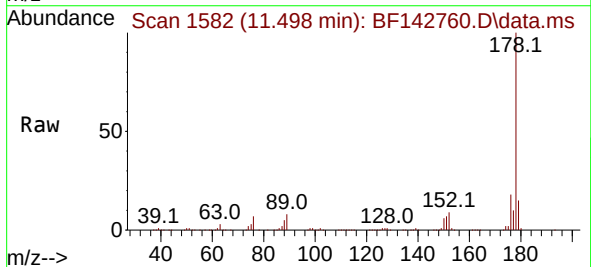
Instrument :
BNA_F
ClientSampleId :
WC-3MS

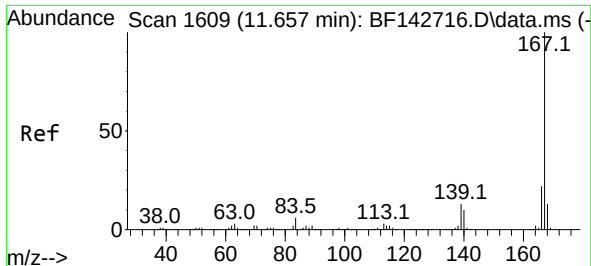
Tgt Ion:178 Resp: 362795
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 14.9 12.2 18.4



#72
Anthracene
Concen: 49.330 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:178 Resp: 368695
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.2 12.2 18.2

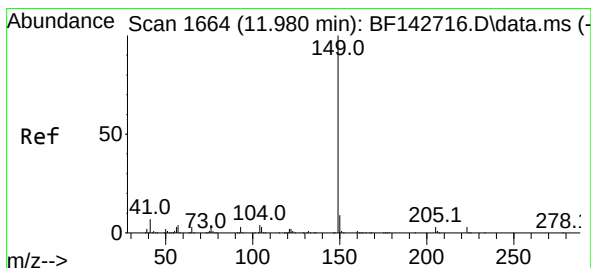
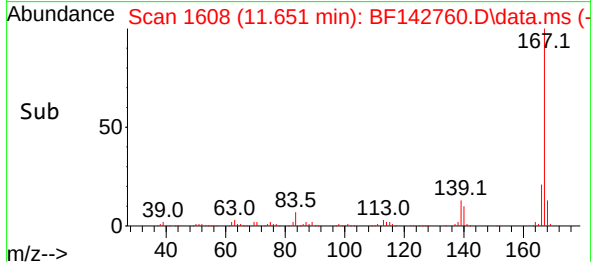
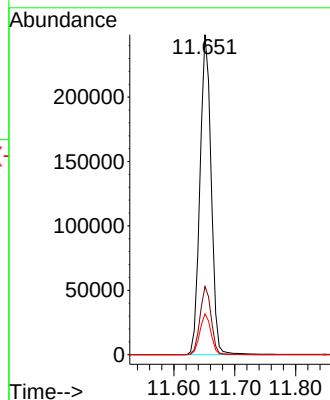
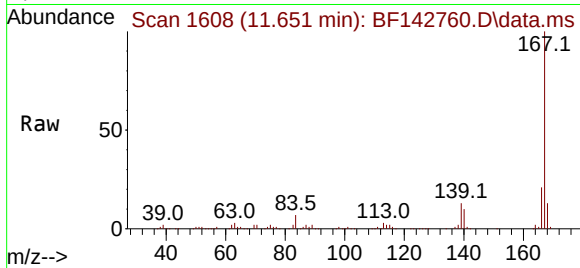




#73
 Carbazole
 Concen: 50.788 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

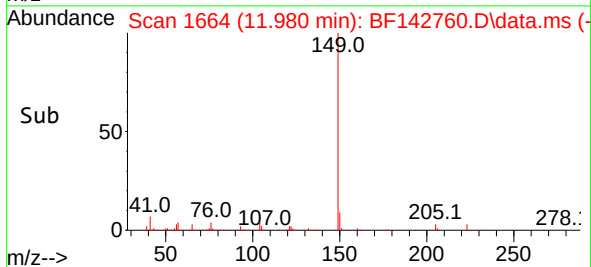
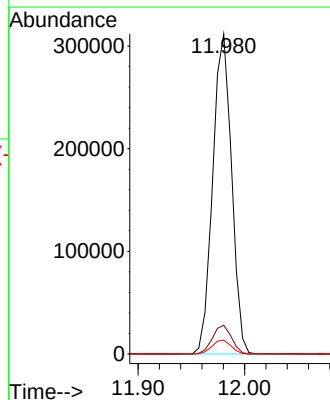
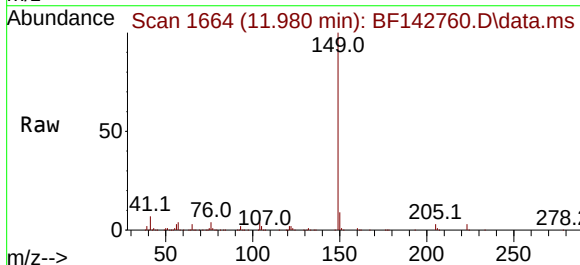
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

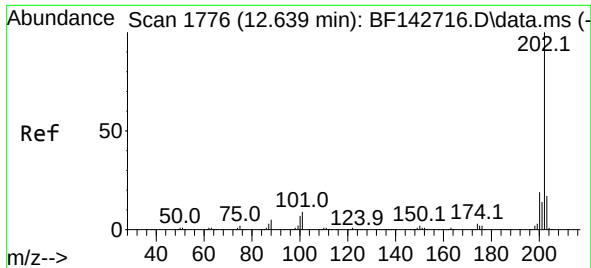
Tgt Ion:167 Resp: 317783
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 54.723 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

Tgt Ion:149 Resp: 382334
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.4 3.4 5.2

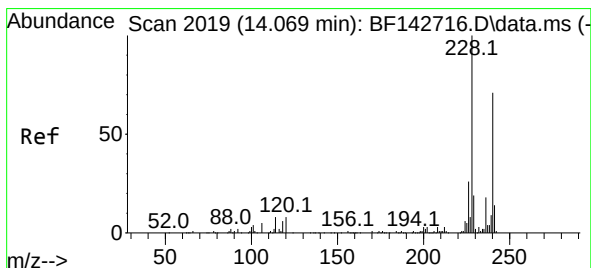
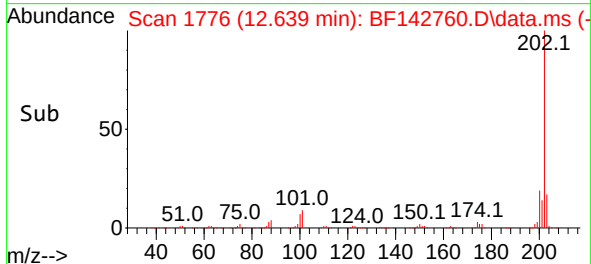
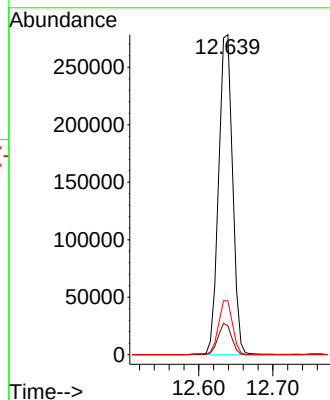
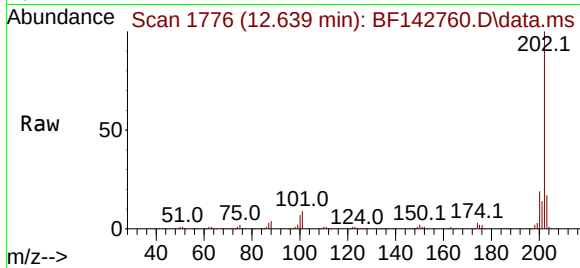




#75
Fluoranthene
Concen: 53.157 ng
RT: 12.639 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

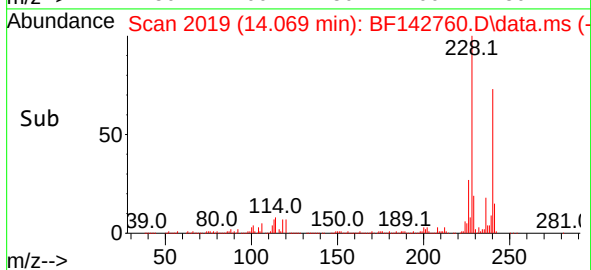
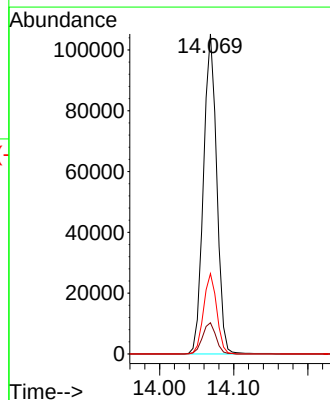
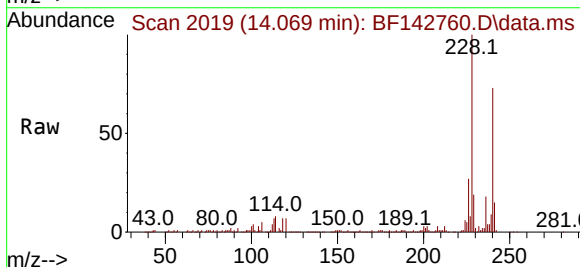
Instrument :
BNA_F
ClientSampleId :
WC-3MS

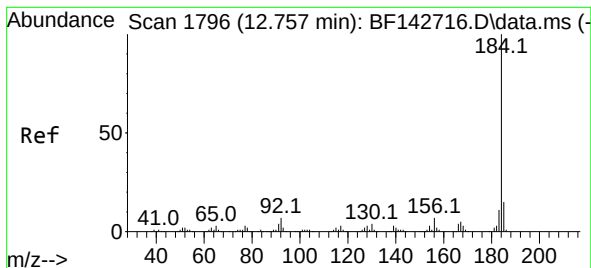
Tgt Ion:	202	Resp:	365197
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.5
203	16.8	0.0	37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:	240	Resp:	131057
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.5	12.7
236	25.1	20.1	30.1





#77

Benzidine

Concen: 37.869 ng

RT: 12.757 min Scan# 1796

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

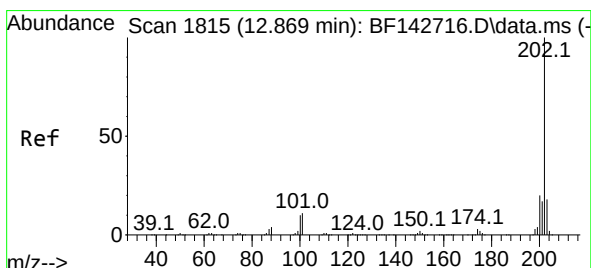
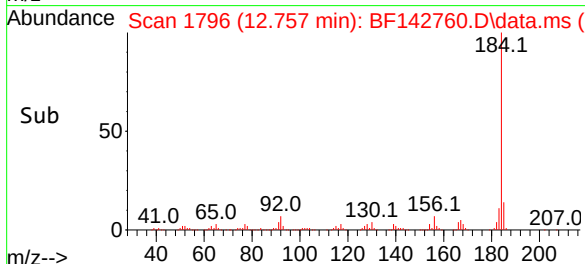
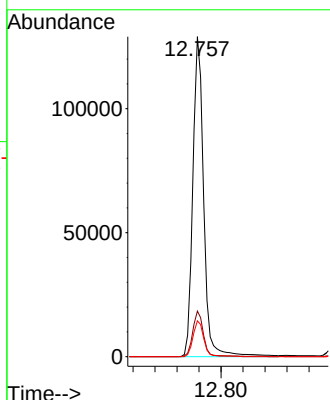
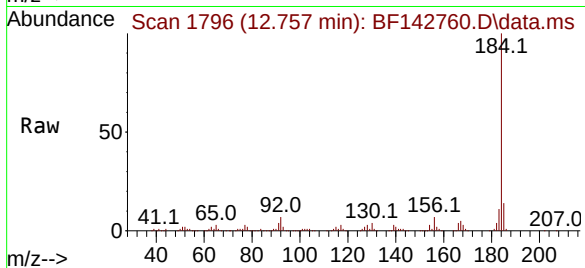
Tgt Ion:184 Resp: 176750

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.2 8.6 12.8



#78

Pyrene

Concen: 31.071 ng

RT: 12.869 min Scan# 1815

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

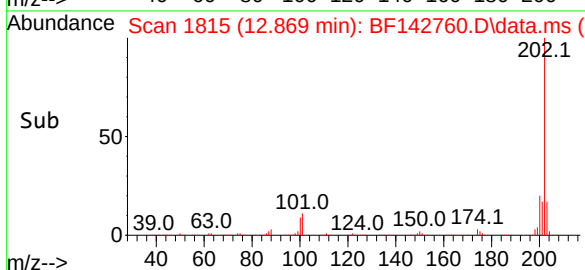
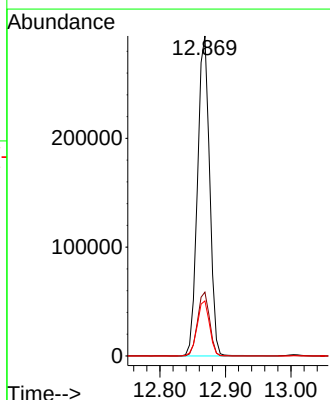
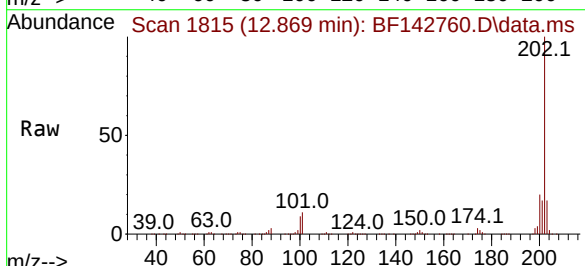
Tgt Ion:202 Resp: 378421

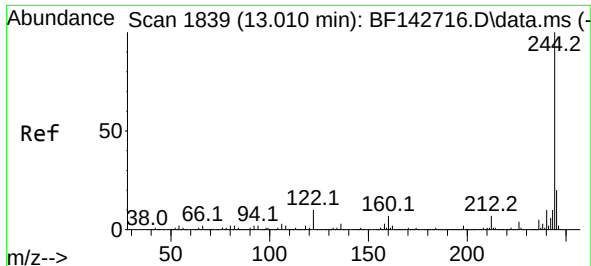
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.8

203 17.2 14.1 21.1

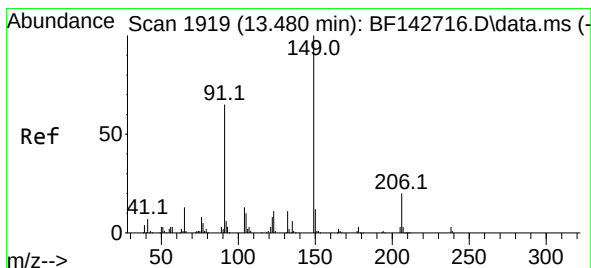
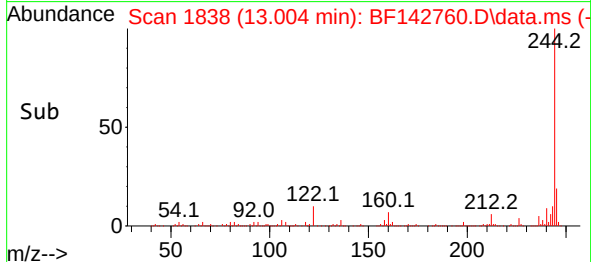
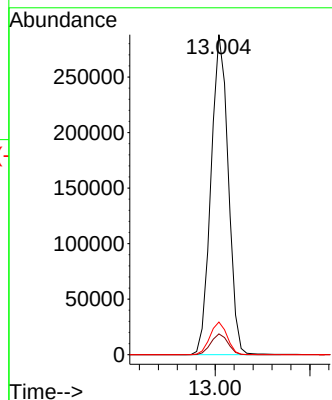
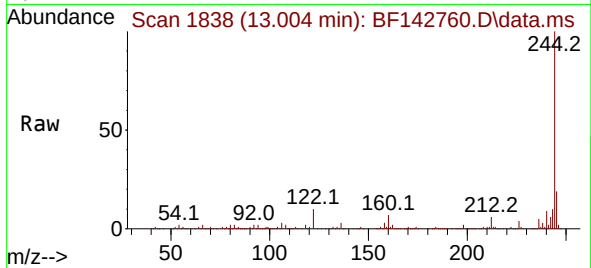




#79
 Terphenyl-d14
 Concen: 38.204 ng
 RT: 13.004 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

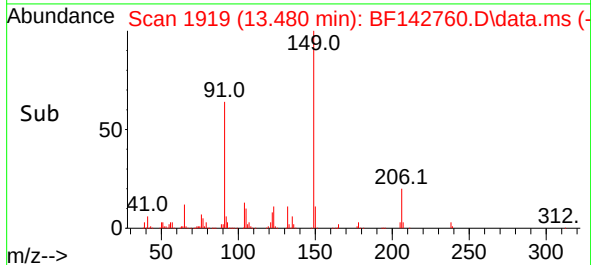
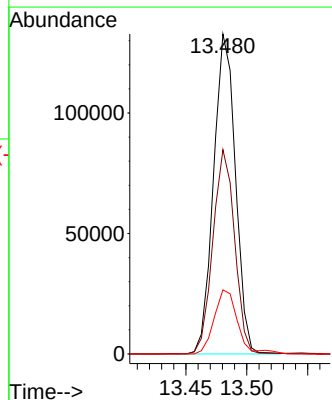
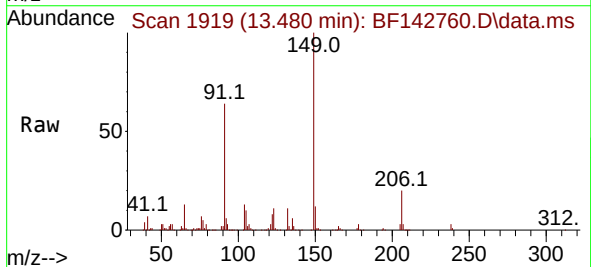
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

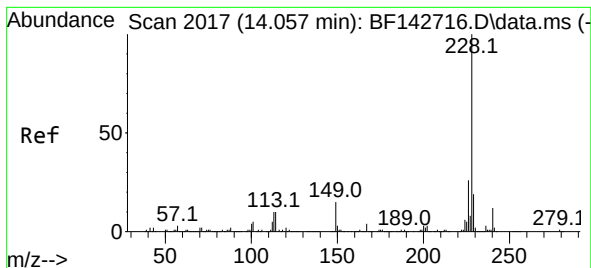
Tgt Ion:244 Resp: 364552
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 46.080 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

Tgt Ion:149 Resp: 165957
 Ion Ratio Lower Upper
 149 100
 91 63.9 52.3 78.5
 206 20.1 16.0 24.0





#81

Benzo(a)anthracene

Concen: 48.114 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

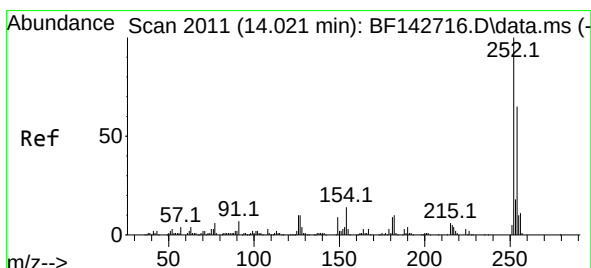
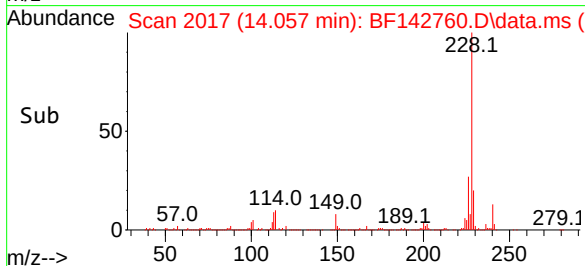
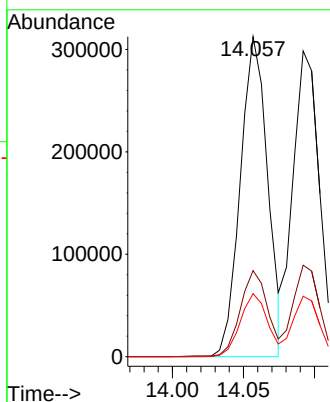
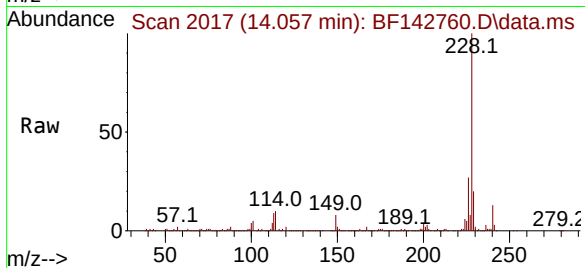
Tgt Ion:228 Resp: 417851

Ion Ratio Lower Upper

228 100

226 26.9 21.0 31.4

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 19.946 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

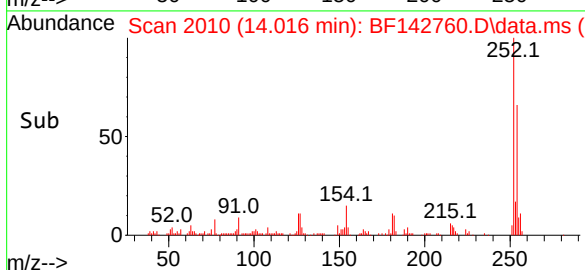
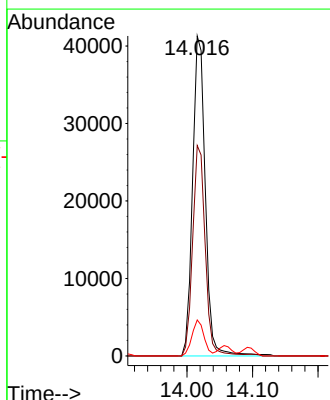
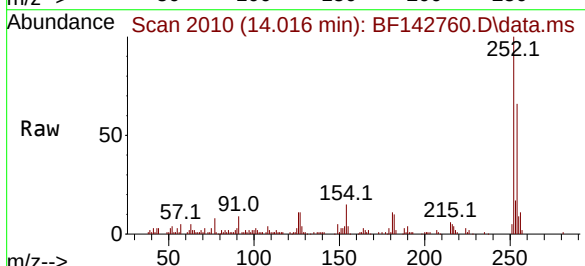
Tgt Ion:252 Resp: 55861

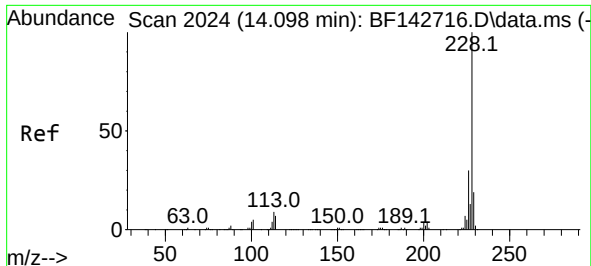
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 11.2 8.1 12.1

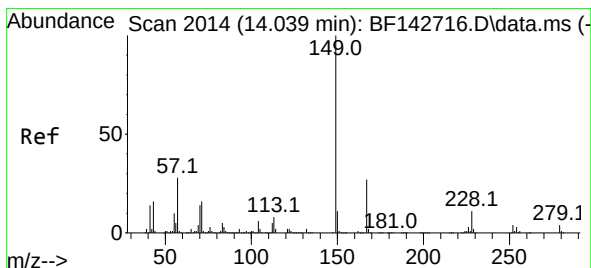
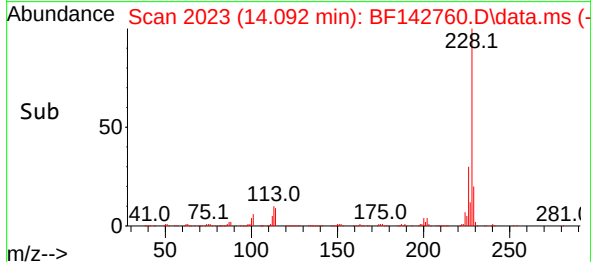
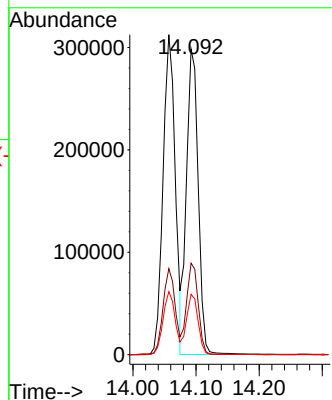
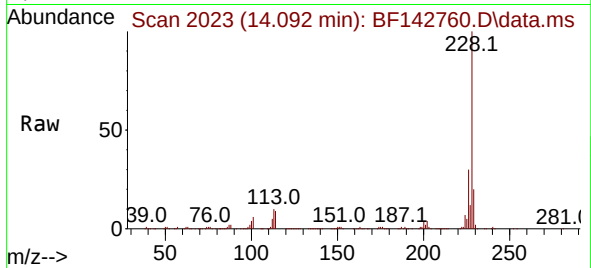




#83
Chrysene
Concen: 48.395 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

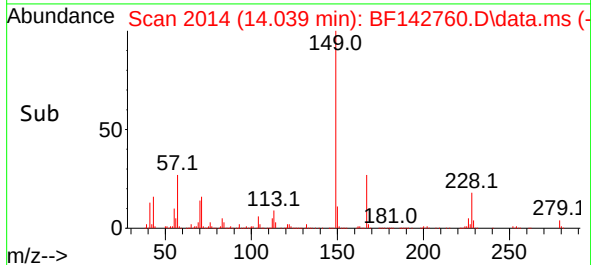
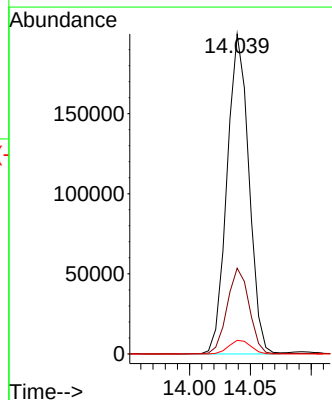
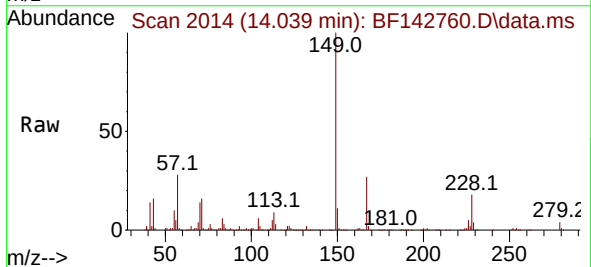
Instrument :
BNA_F
ClientSampleId :
WC-3MS

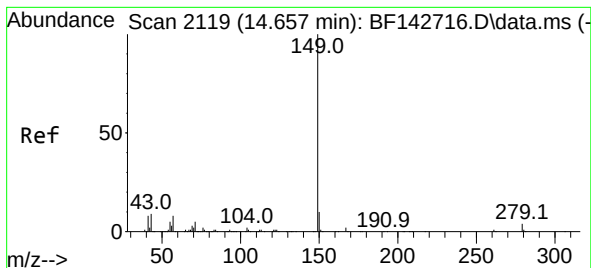
Tgt Ion:228 Resp: 388048
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 19.8 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.151 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:149 Resp: 249447
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 45.616 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

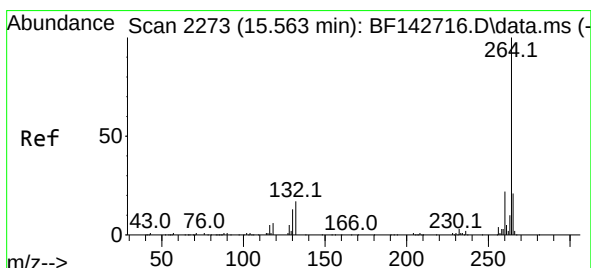
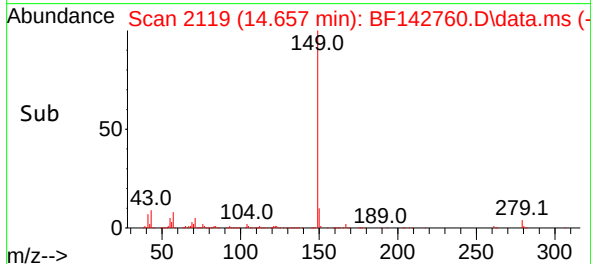
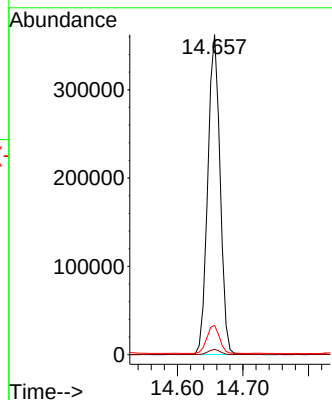
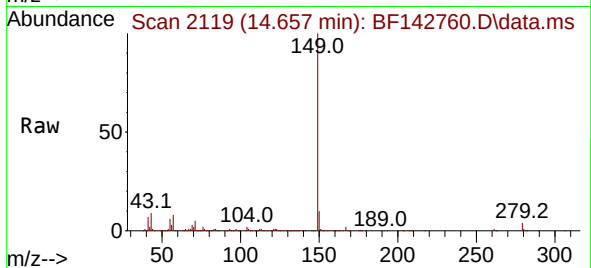
Tgt Ion:149 Resp: 473028

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 9.0 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

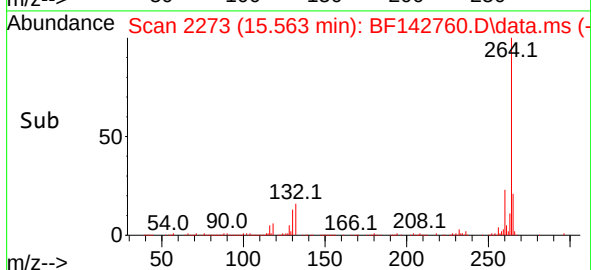
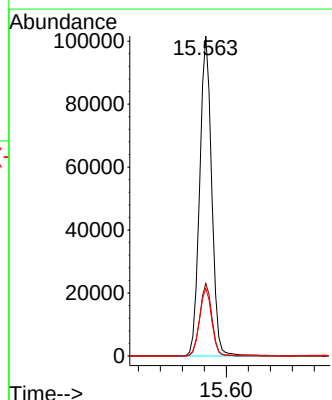
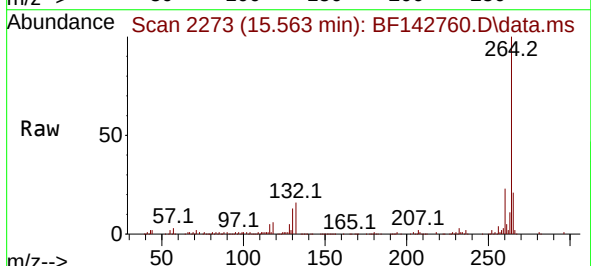
Tgt Ion:264 Resp: 153812

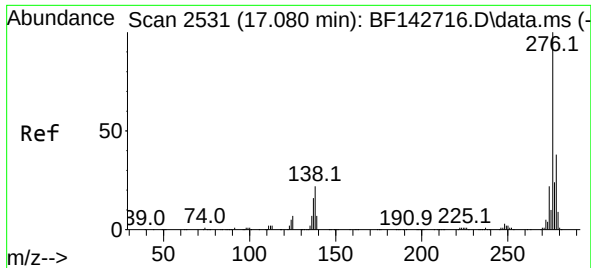
Ion Ratio Lower Upper

264 100

260 22.6 17.8 26.6

265 21.0 16.6 25.0

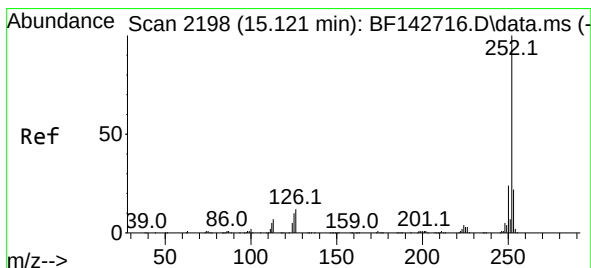
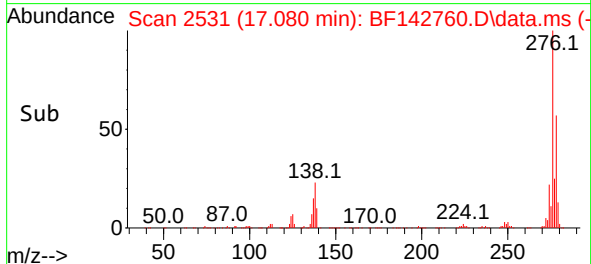
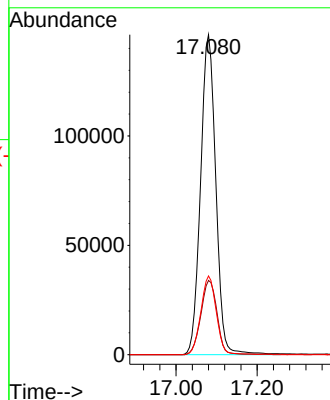
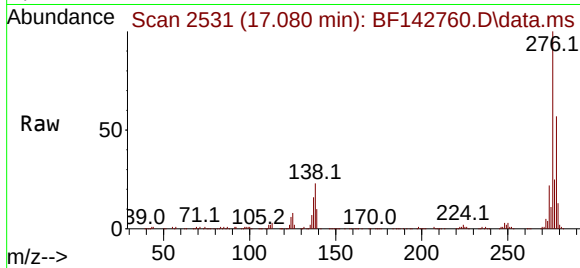




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.494 ng
 RT: 17.080 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

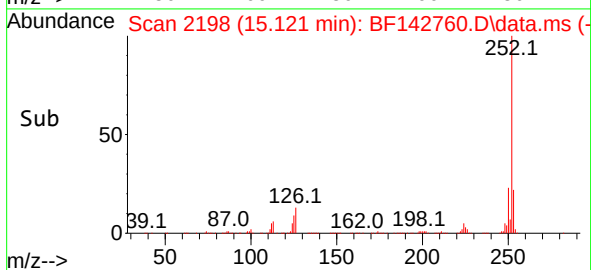
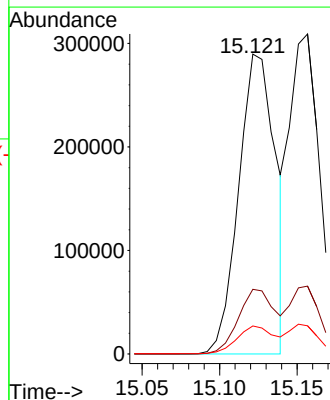
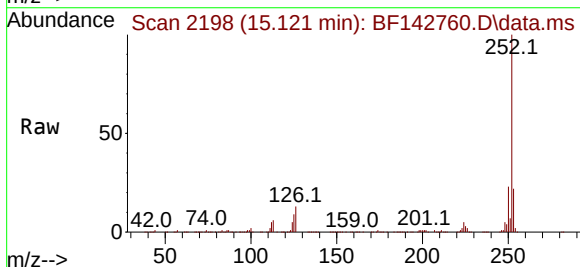
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

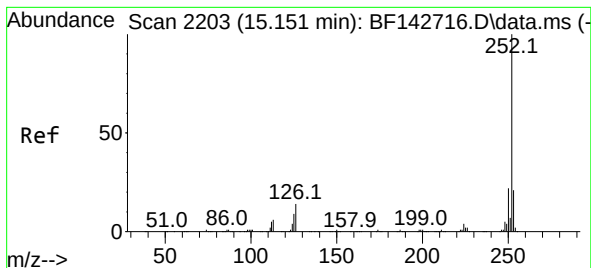
Tgt Ion:276 Resp: 381779
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.3 28.9
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 52.831 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142760.D
 Acq: 12 Jun 2025 16:27

Tgt Ion:252 Resp: 478471
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 9.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 47.294 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

Instrument :

BNA_F

ClientSampleId :

WC-3MS

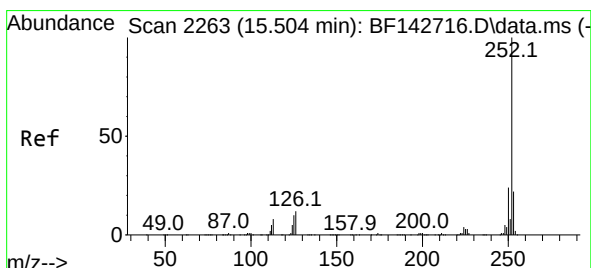
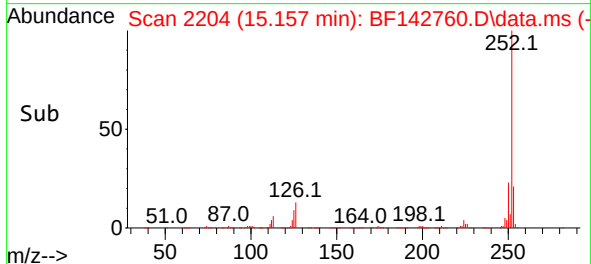
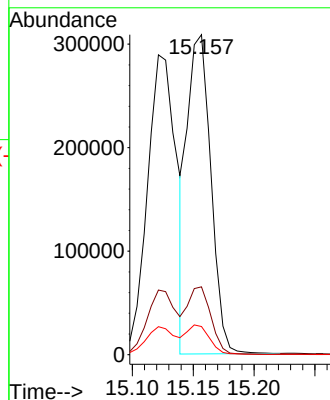
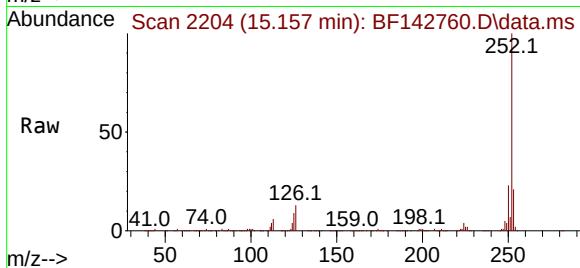
Tgt Ion:252 Resp: 415589

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 8.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 49.259 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142760.D

Acq: 12 Jun 2025 16:27

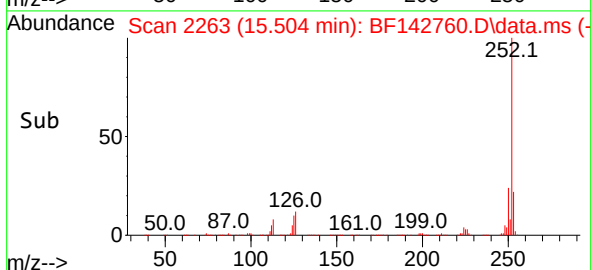
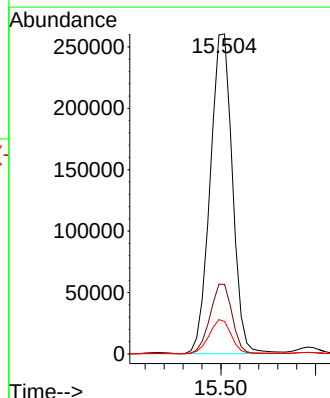
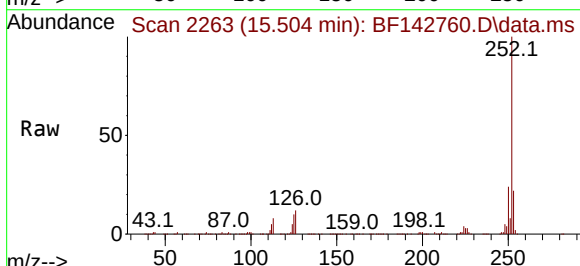
Tgt Ion:252 Resp: 424168

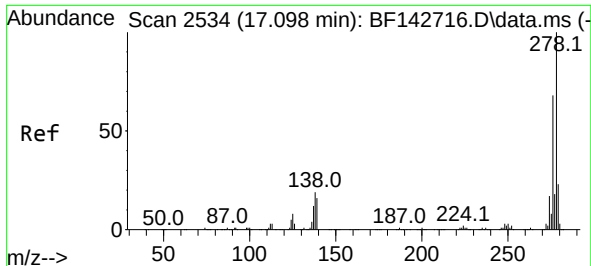
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.1 8.0 12.0

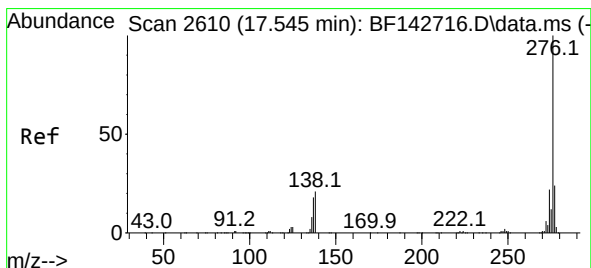
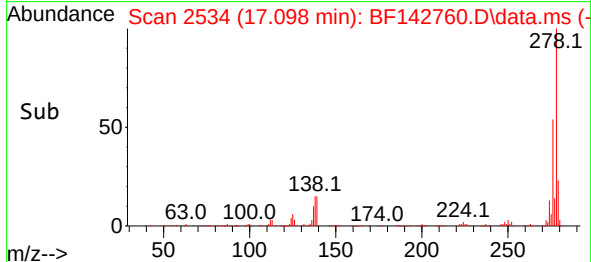
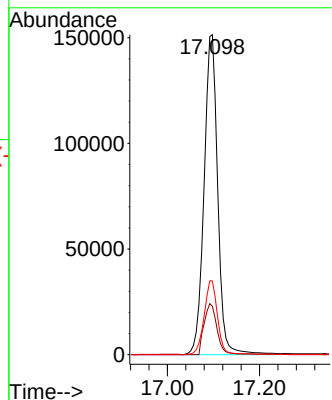
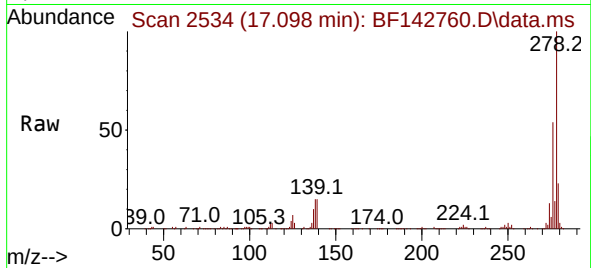




#91
Dibenzo(a,h)anthracene
Concen: 33.724 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:278 Resp: 313868
Ion Ratio Lower Upper
278 100
139 15.2 12.8 19.2
279 23.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 30.130 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF142760.D
Acq: 12 Jun 2025 16:27

Tgt Ion:276 Resp: 278847
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 21.2 16.4 24.6

