

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143720.D
 Acq On : 11 Sep 2025 21:54
 Operator : RC/JU
 Sample : Q3075-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MS

Quant Time: Sep 12 04:41:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	37761	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	146183	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	74540	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	102389	20.000	ng	# 0.01
76) Chrysene-d12	14.062	240	96466	20.000	ng	0.02
86) Perylene-d12	15.539	264	68250	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	152360	68.840	ng	0.01
7) Phenol-d6	6.516	99	189626	70.366	ng	0.01
23) Nitrobenzene-d5	7.451	82	112476	47.858	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	45934	61.148	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	223300	45.254	ng	0.00
79) Terphenyl-d14	13.004	244	202830	34.073	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	38044	38.535	ng	99
3) Pyridine	3.475	79	100970	39.591	ng	96
4) n-Nitrosodimethylamine	3.422	42	44818	46.264	ng	99
6) Aniline	6.557	93	118041	33.072	ng	98
8) 2-Chlorophenol	6.675	128	109922	45.985	ng	98
9) Benzaldehyde	6.445	77	70480	32.415	ng	98
10) Phenol	6.528	94	144091	48.371	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	100208	45.041	ng	97
12) 1,3-Dichlorobenzene	6.834	146	123627	45.222	ng	100
13) 1,4-Dichlorobenzene	6.910	146	127304	46.136	ng	99
14) 1,2-Dichlorobenzene	7.063	146	121133	46.487	ng	99
15) Benzyl Alcohol	7.034	79	95573	48.755	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	124082	42.630	ng	97
17) 2-Methylphenol	7.139	107	89968	46.788	ng	99
18) Hexachloroethane	7.410	117	37234	41.772	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	76026	45.935	ng	98
20) 3+4-Methylphenols	7.292	107	118278	46.710	ng	91
22) Acetophenone	7.304	105	167863	50.844	ng	98
24) Nitrobenzene	7.475	77	109788	45.053	ng	97
25) Isophorone	7.716	82	205671	45.638	ng	100
26) 2-Nitrophenol	7.792	139	58069	48.466	ng	96
27) 2,4-Dimethylphenol	7.822	122	106030	49.295	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	125057	45.155	ng	99
29) 2,4-Dichlorophenol	8.028	162	95878	44.313	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	103258	46.065	ng	99
31) Naphthalene	8.198	128	315948	43.660	ng	100
32) Benzoic acid	7.922	122	61144	46.594	ng	98
33) 4-Chloroaniline	8.239	127	53260	21.141	ng	99
34) Hexachlorobutadiene	8.316	225	62534	42.771	ng	97
35) Caprolactam	8.610	113	27263	47.342	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	95470	44.750	ng	97
37) 2-Methylnaphthalene	8.892	142	196517	39.671	ng	100
38) 1-Methylnaphthalene	8.992	142	201841	42.458	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	112298	52.624	ng	100
41) Hexachlorocyclopentadiene	9.045	237	63064	57.563	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	70119	49.208	ng	97

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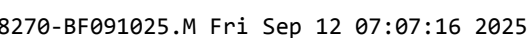
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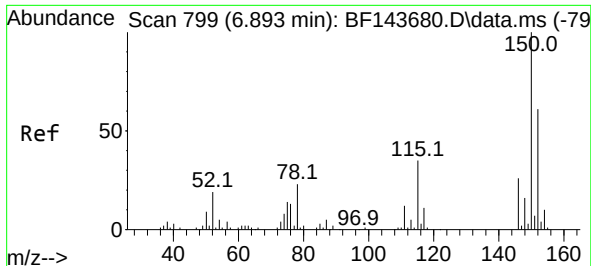
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	71641	49.455	ng	97
46) 1,1'-Biphenyl	9.351	154	292832	54.569	ng	100
47) 2-Chloronaphthalene	9.380	162	198474	47.178	ng	99
48) 2-Nitroaniline	9.469	65	55776	50.099	ng	95
49) Acenaphthylene	9.798	152	321370	53.329	ng	100
50) Dimethylphthalate	9.651	163	239346	49.352	ng	99
51) 2,6-Dinitrotoluene	9.716	165	48736	52.559	ng	94
52) Acenaphthene	9.969	154	190300	45.827	ng	100
53) 3-Nitroaniline	9.880	138	34040	34.112	ng	99
54) 2,4-Dinitrophenol	9.986	184	21375	45.447	ng	# 64
55) Dibenzofuran	10.139	168	274920	46.041	ng	99
56) 4-Nitrophenol	10.033	139	68437	86.204	ng	96
57) 2,4-Dinitrotoluene	10.116	165	61372	48.630	ng	96
58) Fluorene	10.480	166	209033	44.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	53322	45.396	ng	98
60) Diethylphthalate	10.351	149	219115	48.124	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	107627	45.402	ng	99
62) 4-Nitroaniline	10.492	138	40140	42.471	ng	100
63) Azobenzene	10.633	77	189861	47.168	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	18117	34.753	ng	99
66) n-Nitrosodiphenylamine	10.592	169	179515	53.518	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	59843	48.467	ng	94
68) Hexachlorobenzene	11.027	284	61534	47.198	ng	96
69) Atrazine	11.116	200	56346	53.576	ng	98
70) Pentachlorophenol	11.221	266	77019	97.726	ng	98
71) Phenanthrene	11.445	178	285868	50.673	ng	100
72) Anthracene	11.498	178	277634	48.943	ng	99
73) Carbazole	11.651	167	234702	50.521	ng	99
74) Di-n-butylphthalate	11.980	149	294465	52.649	ng	100
75) Fluoranthene	12.633	202	331015	63.916	ng	99
77) Benzidine	12.757	184	127423	40.506	ng	99
78) Pyrene	12.863	202	330560	42.858	ng	99
80) Butylbenzylphthalate	13.486	149	193198	79.947	ng	100
81) Benzo(a)anthracene	14.057	228	332875	53.637	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	70959	37.166	ng	100
83) Chrysene	14.092	228	282616	49.722	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	166864	48.394	ng	98
85) Di-n-octyl phthalate	14.657	149	286596	46.384	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.033	276	173428	37.233	ng	99
88) Benzo(b)fluoranthene	15.109	252	253590	62.418	ng	99
89) Benzo(k)fluoranthene	15.139	252	235016	64.095	ng	99
90) Benzo(a)pyrene	15.480	252	197140	55.232	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	131866	34.122	ng	100
92) Benzo(g,h,i)perylene	17.486	276	138412	38.291	ng	99

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

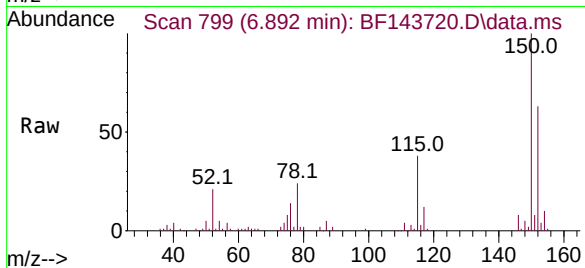
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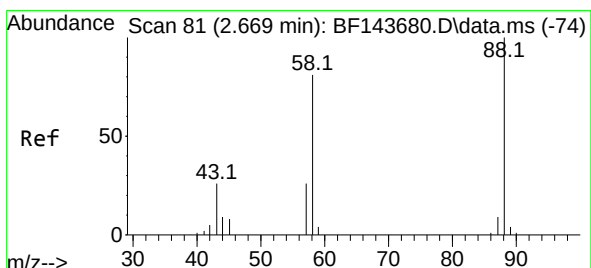
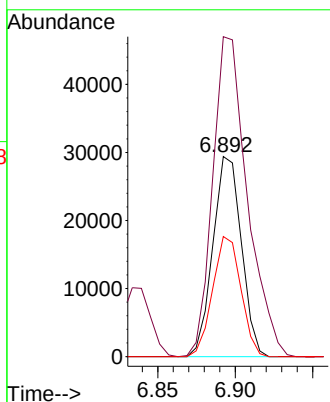
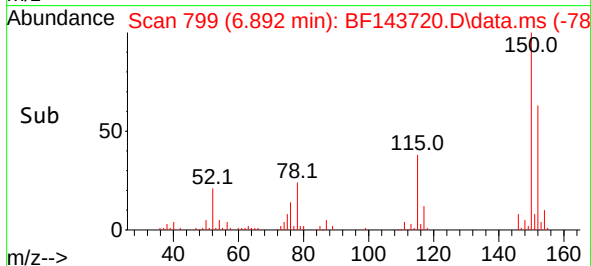


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

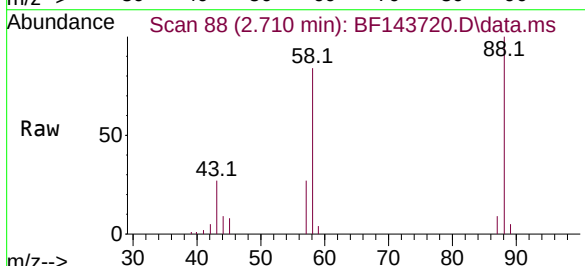
Instrument :
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 ClientSampleId :
 MOO-25-0254-0256MS



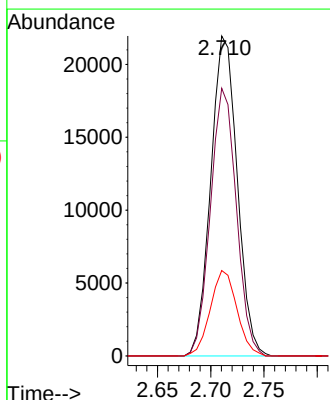
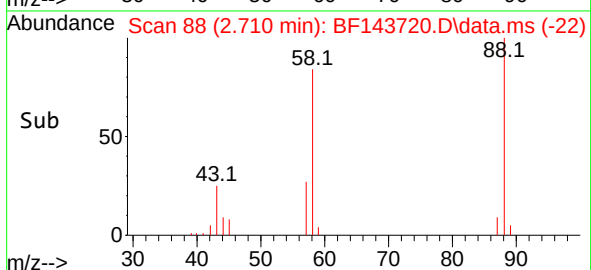
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 Ion Ratio Lower Upper
 152 100
 150 159.9 130.7 196.1
 115 60.0 45.9 68.9

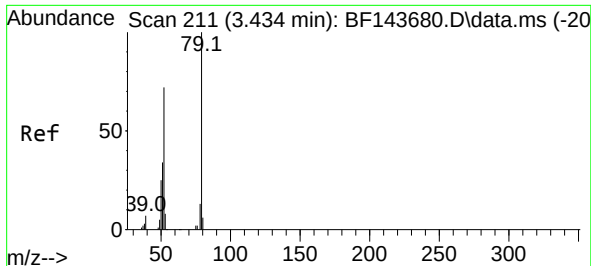


#2
 1,4-Dioxane
 Concen: 38.535 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.041 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54



Tgt Ion: 88 Resp: 38044
 Ion Ratio Lower Upper
 88 100
 58 81.7 65.8 98.6
 43 26.8 20.6 31.0

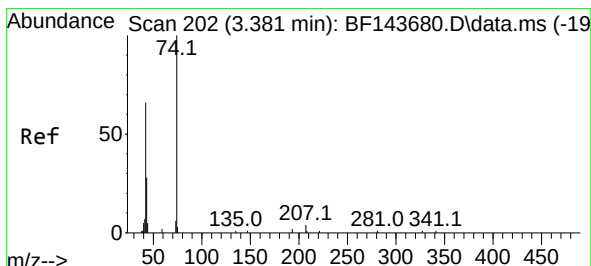
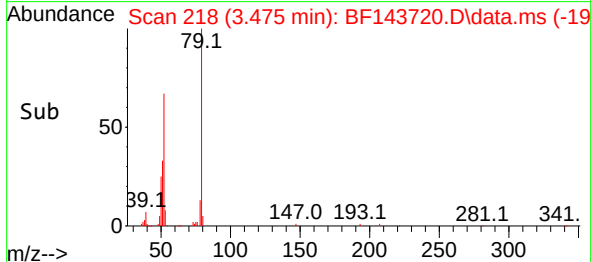
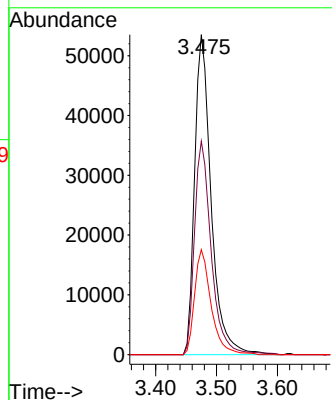
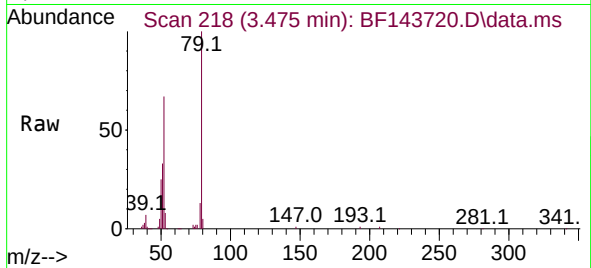




#3
 Pyridine
 Concen: 39.591 ng
 RT: 3.475 min Scan# 211
 Delta R.T. 0.041 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

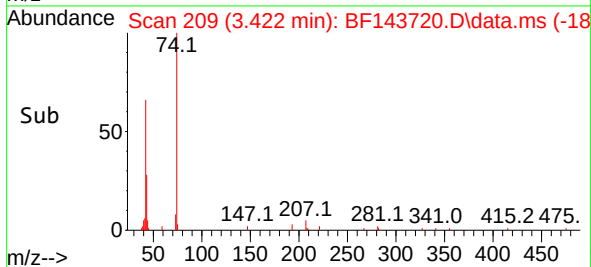
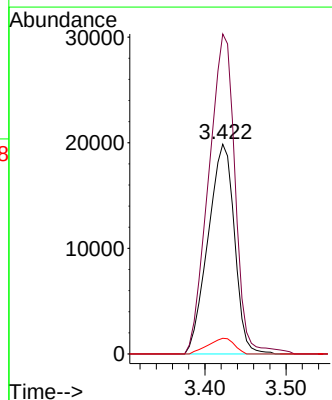
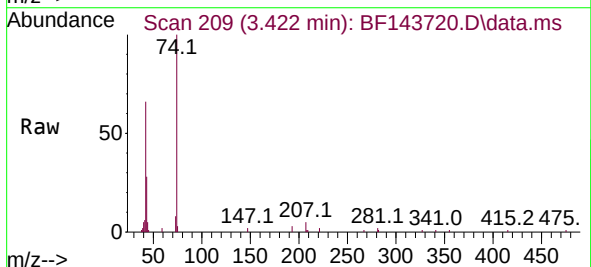
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MS

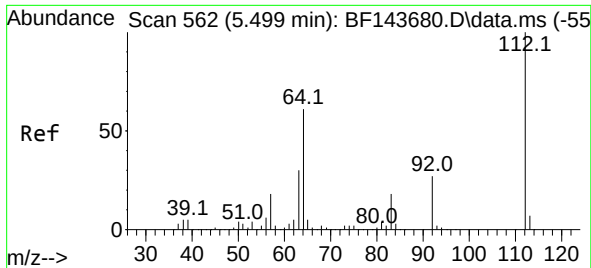
Tgt Ion: 79 Resp: 100970
 Ion Ratio Lower Upper
 79 100
 52 66.7 57.2 85.8
 51 32.8 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 46.264 ng
 RT: 3.422 min Scan# 209
 Delta R.T. 0.041 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

Tgt Ion: 42 Resp: 44818
 Ion Ratio Lower Upper
 42 100
 74 152.6 120.9 181.3
 44 7.5 6.5 9.7

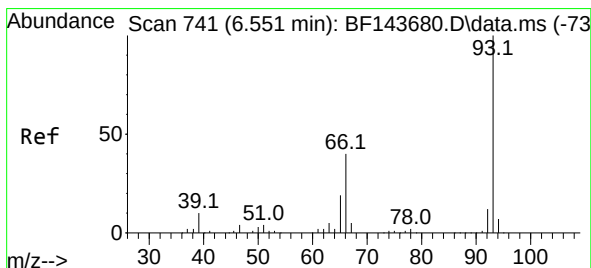
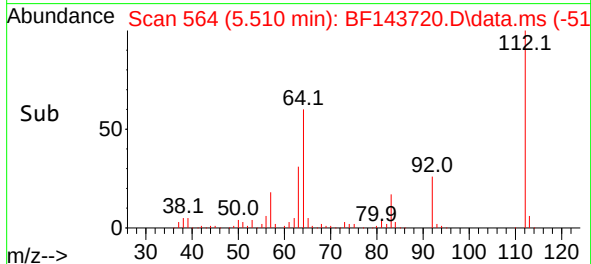
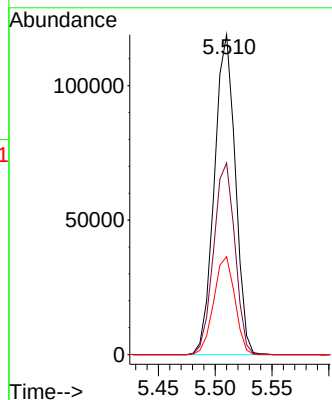
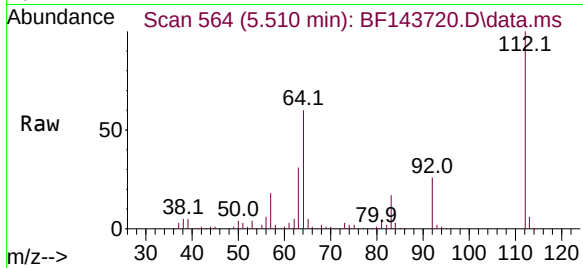




#5
2-Fluorophenol
Concen: 68.840 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

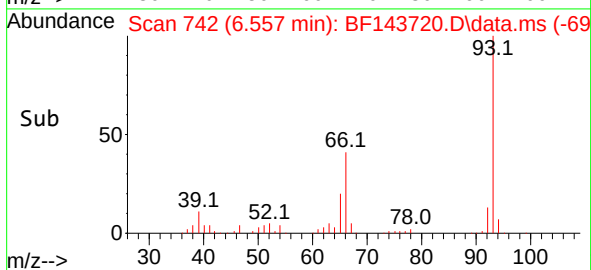
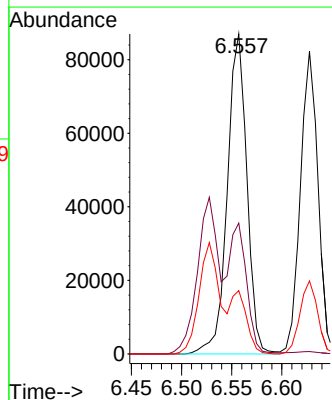
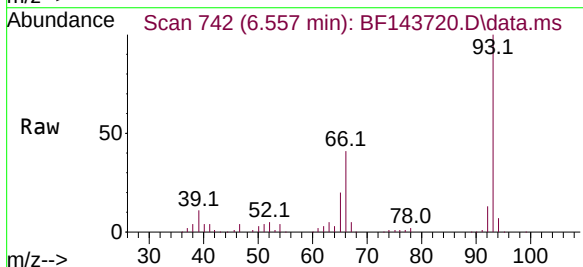
Instrument :
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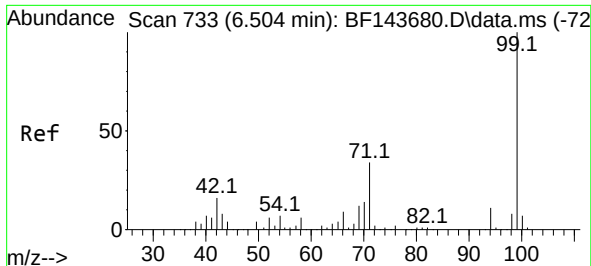
Tgt Ion:112 Resp: 152360
Ion Ratio Lower Upper
112 100
64 59.9 49.0 73.4
63 30.6 24.3 36.5



#6
Aniline
Concen: 33.072 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion: 93 Resp: 118041
Ion Ratio Lower Upper
93 100
66 40.9 34.1 51.1
65 19.8 16.1 24.1





#7

Phenol-d6

Concen: 70.366 ng

RT: 6.516 min Scan# 733

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

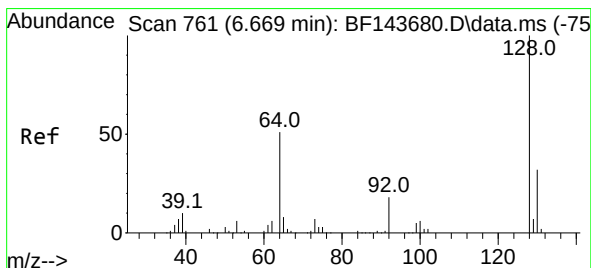
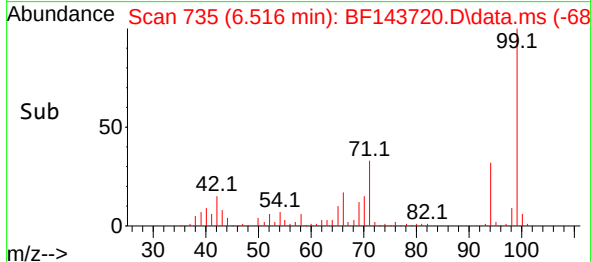
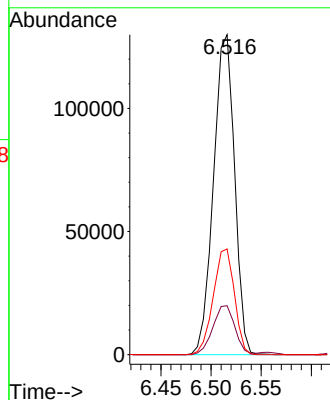
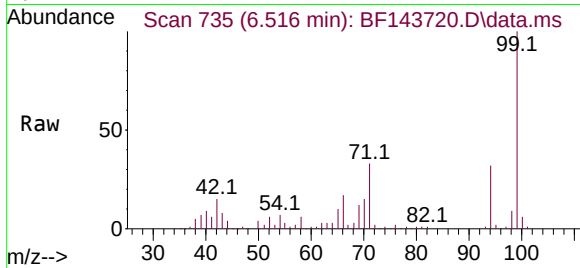
Tgt Ion: 99 Resp: 189626

Ion Ratio Lower Upper

99 100

42 15.3 13.0 19.4

71 33.0 27.4 41.2



#8

2-Chlorophenol

Concen: 45.985 ng

RT: 6.675 min Scan# 762

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

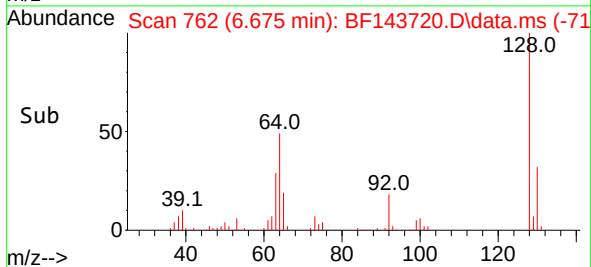
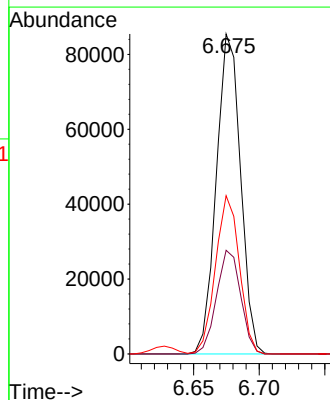
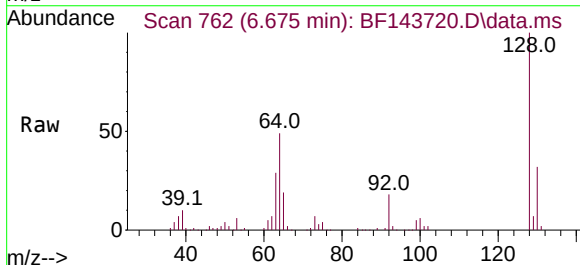
Tgt Ion:128 Resp: 109922

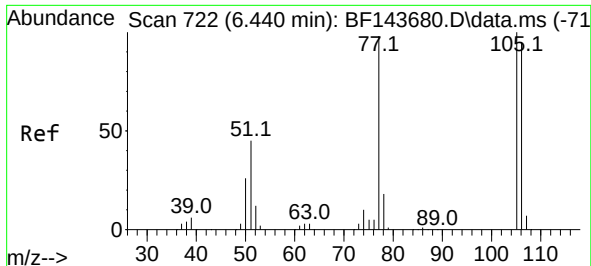
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 49.4 31.9 71.9





#9

Benzaldehyde

Concen: 32.415 ng

RT: 6.445 min Scan# 722

Delta R.T. 0.006 min

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Acq: 11 Sep 2025 21:54

Instrument :

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ClientSampleId :

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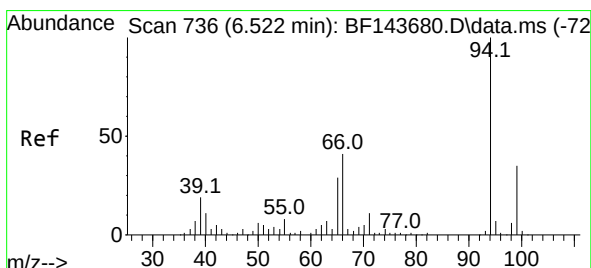
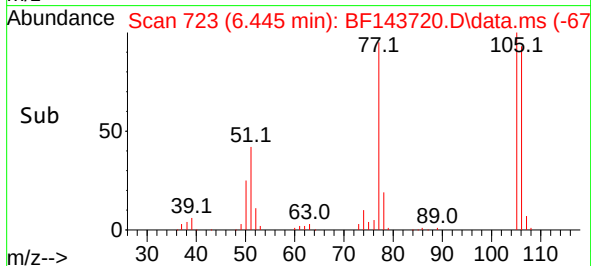
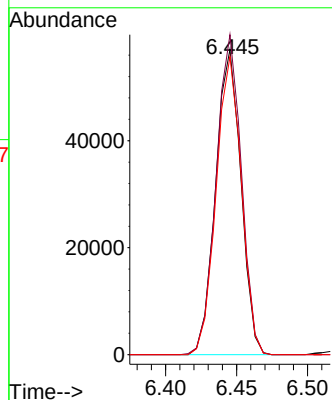
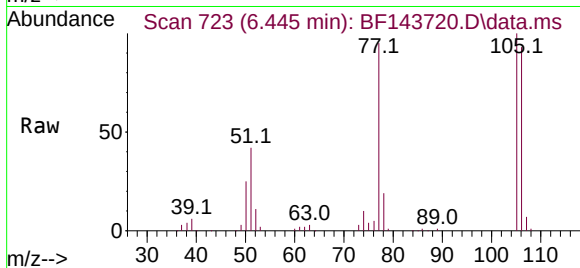
Tgt Ion: 77 Resp: 70480

Ion Ratio Lower Upper

77 100

105 104.8 81.7 121.7

106 97.6 76.9 116.9



#10

Phenol

Concen: 48.371 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

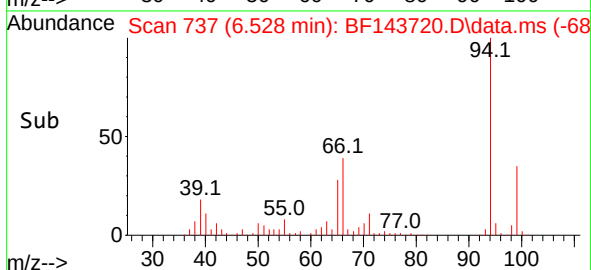
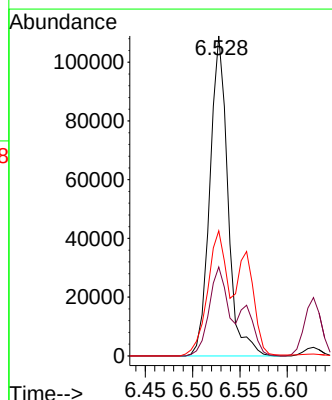
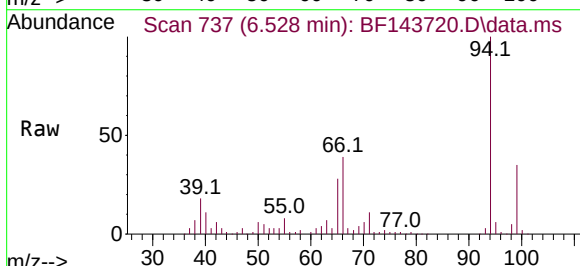
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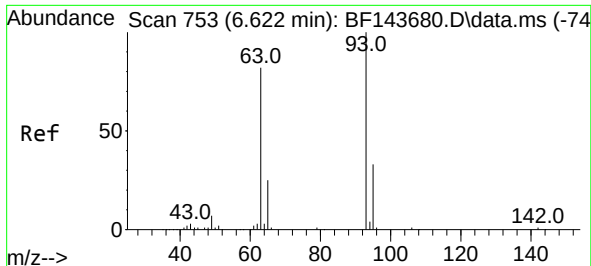
Ion Ratio Lower Upper

94 100

65 27.8 9.1 49.1

66 39.1 20.8 60.8

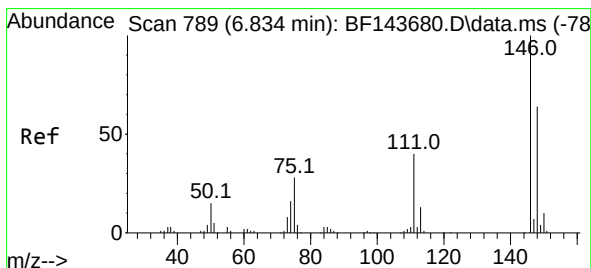
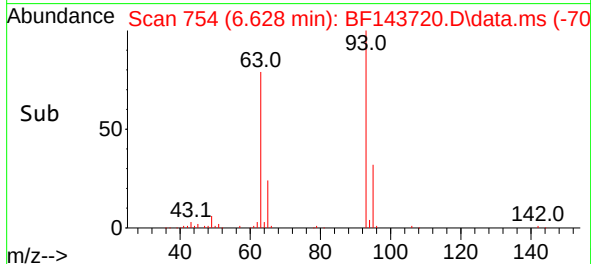
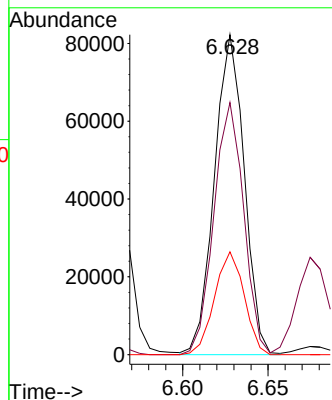
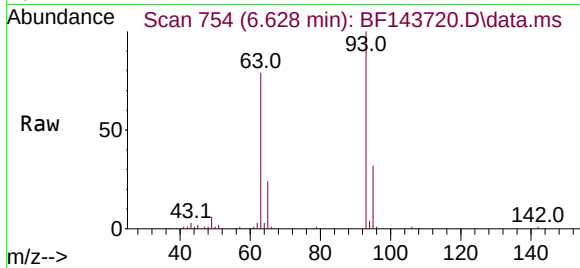




#11
bis(2-Chloroethyl)ether
Concen: 45.041 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

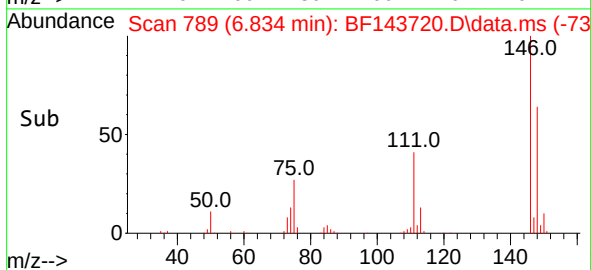
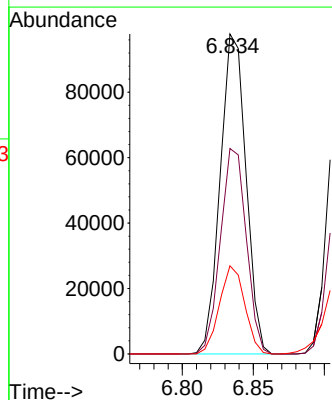
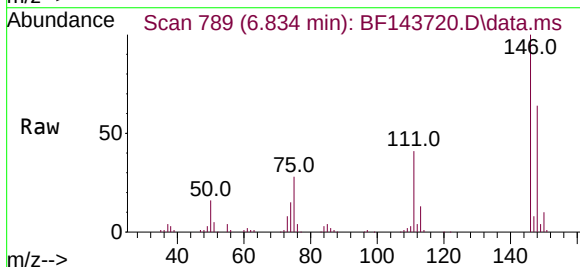
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

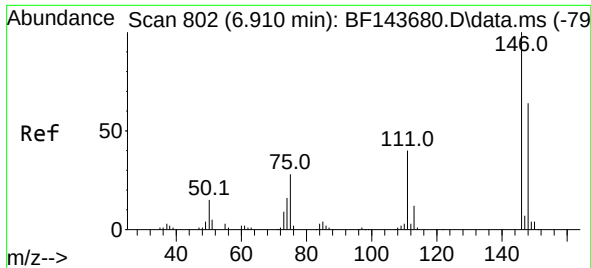
Tgt Ion: 93 Resp: 100208
Ion Ratio Lower Upper
93 100
63 78.8 61.8 101.8
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.222 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:146 Resp: 123627
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 27.5 22.0 33.0

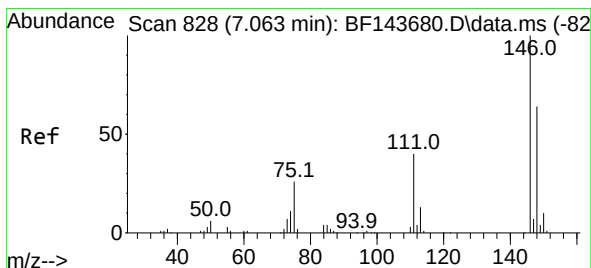
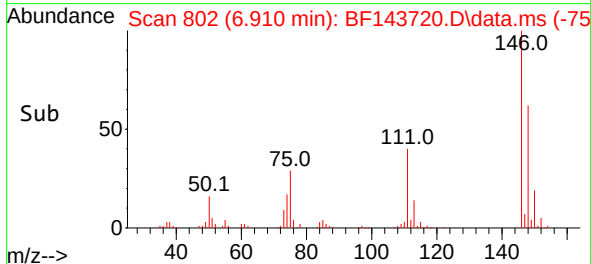
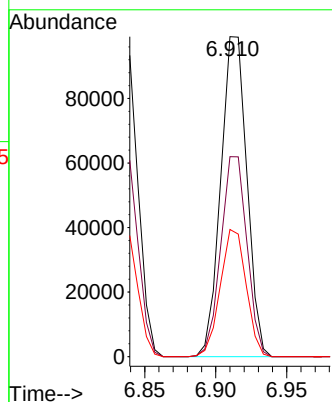
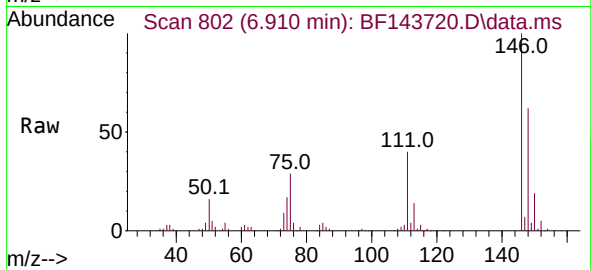




#13
1,4-Dichlorobenzene
Concen: 46.136 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

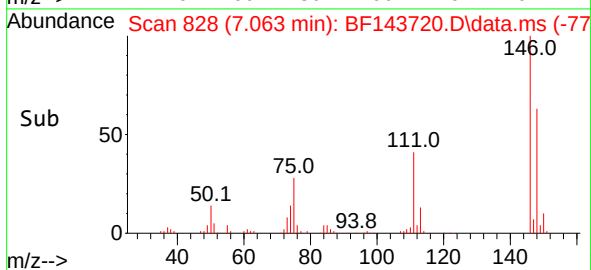
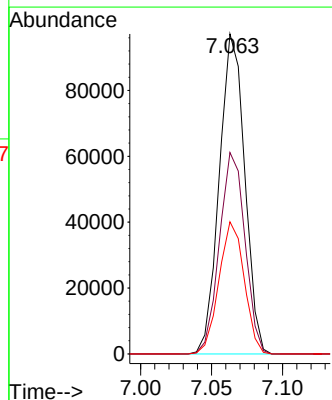
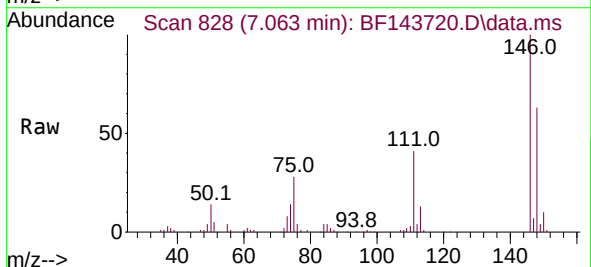
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

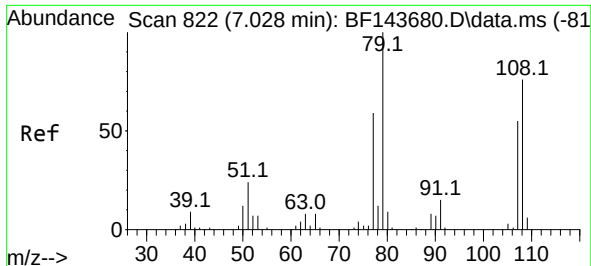
Tgt Ion:146 Resp: 127304
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 39.7 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 46.487 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:146 Resp: 121133
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
111 41.3 32.3 48.5

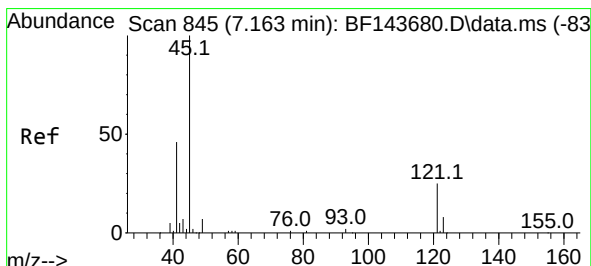
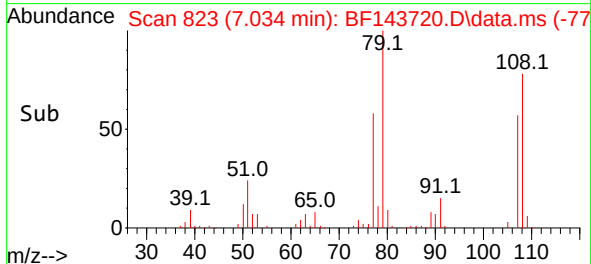
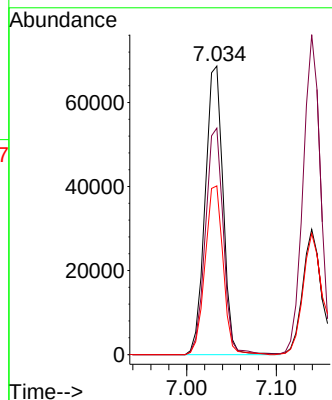
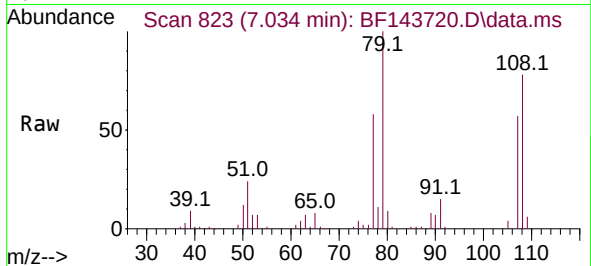




#15
Benzyl Alcohol
Concen: 48.755 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

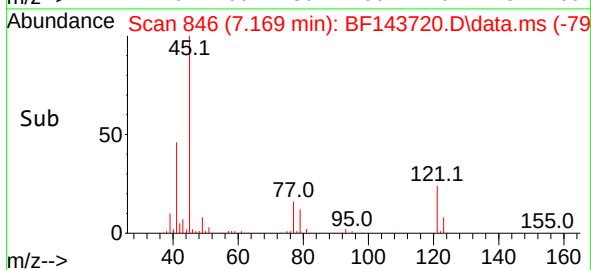
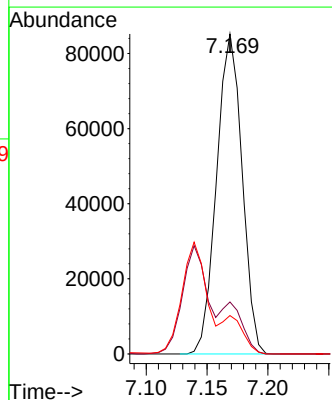
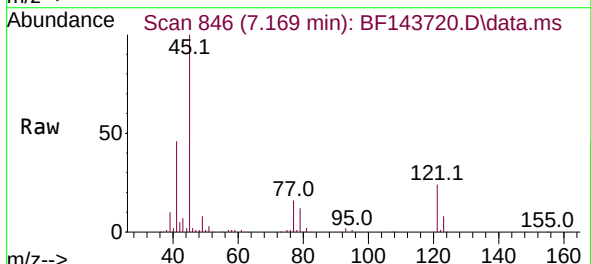
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

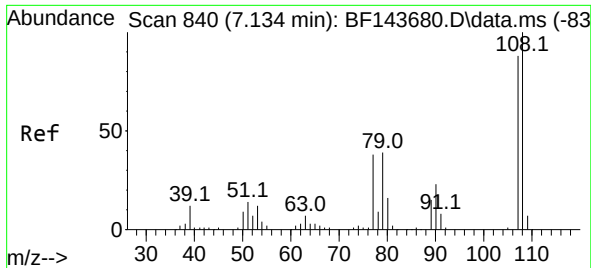
Tgt Ion: 79 Resp: 95573
Ion Ratio Lower Upper
79 100
108 78.5 60.9 91.3
77 58.5 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.630 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion: 45 Resp: 124082
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.6
79 12.0 0.0 31.3

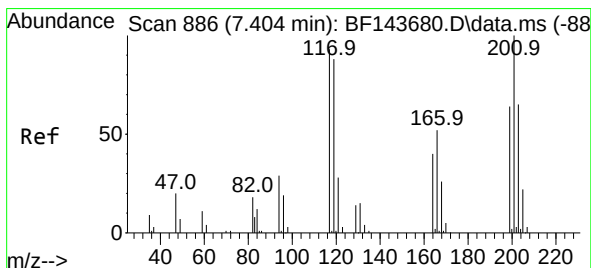
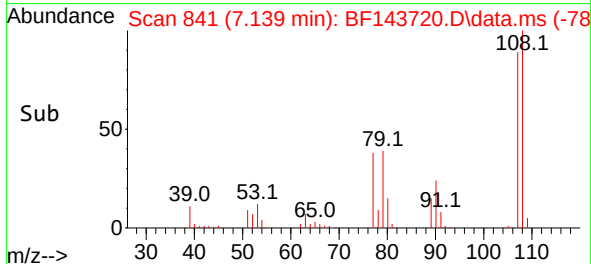
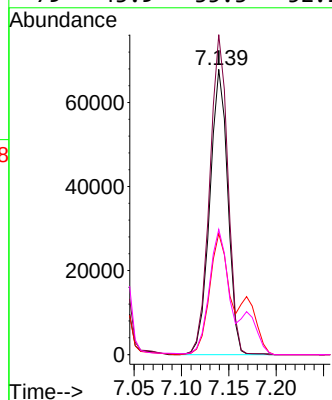
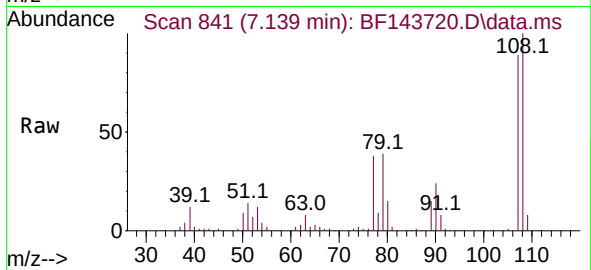




#17
2-Methylphenol
Concen: 46.788 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

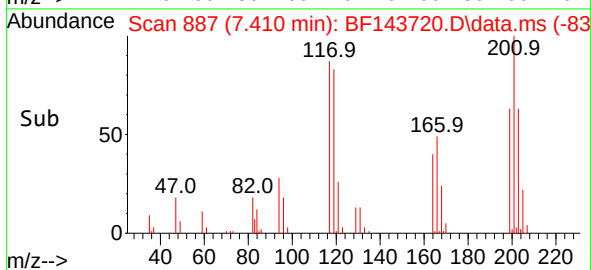
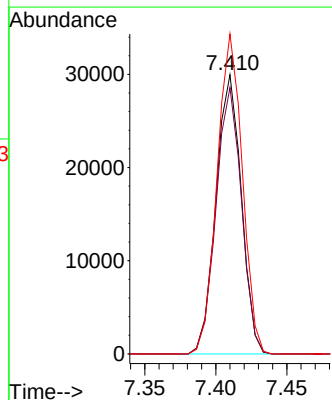
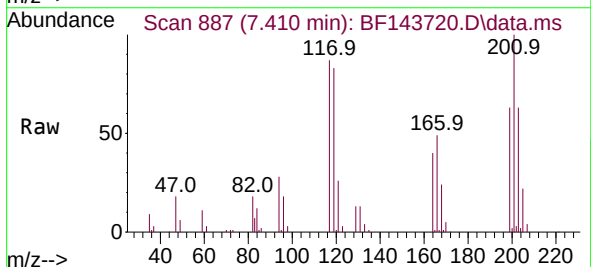
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

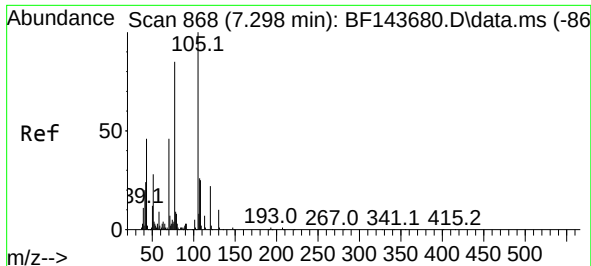
Tgt Ion:	107	Resp:	89968
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.9	136.3
77	42.5	34.4	51.6
79	43.9	35.3	52.9



#18
Hexachloroethane
Concen: 41.772 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:	117	Resp:	37234
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.2	114.2
201	114.6	86.4	129.6

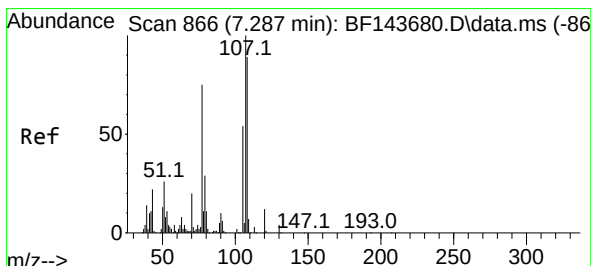
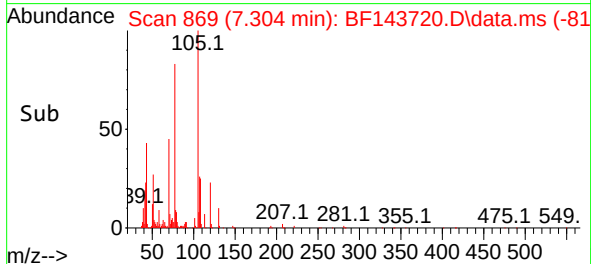
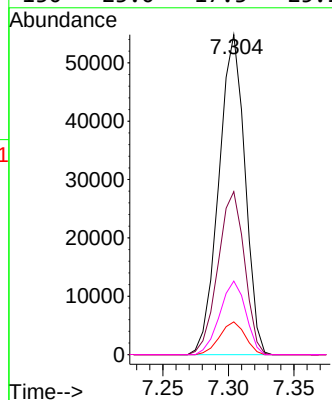
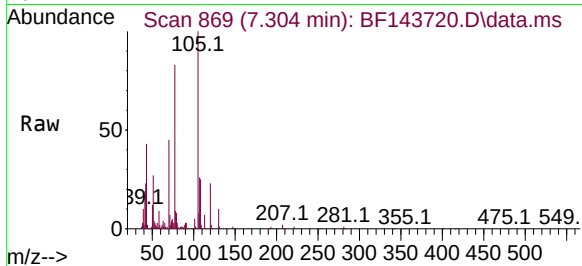




#19
n-Nitroso-di-n-propylamine
Concen: 45.935 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

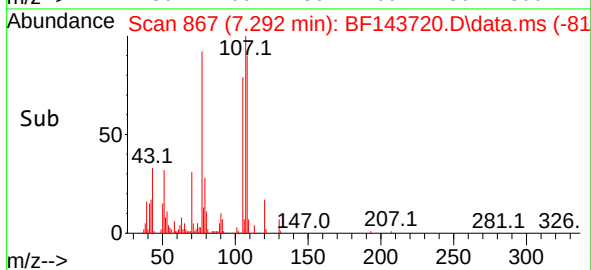
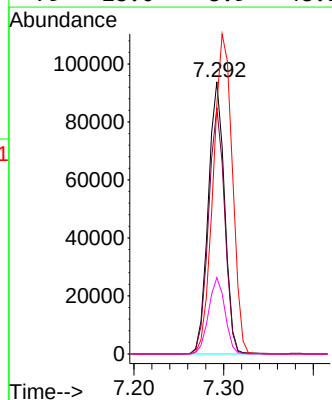
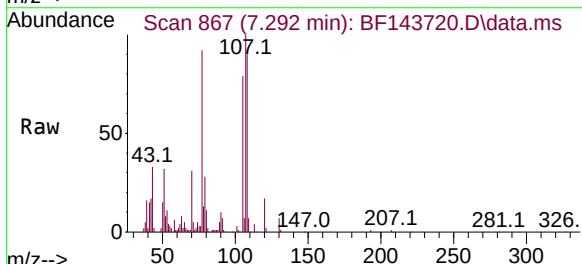
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

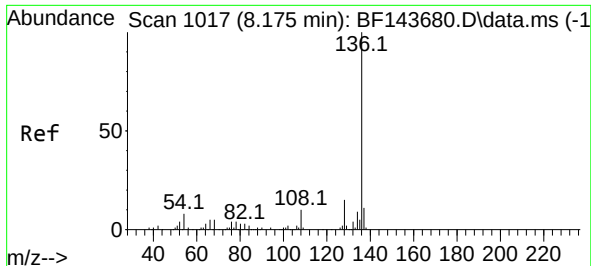
Tgt Ion:	70	Resp:	76026
Ion	Ratio	Lower	Upper
70	100		
42	50.9	41.4	62.2
101	10.2	8.1	12.1
130	23.0	17.3	25.9



#20
3+4-Methylphenols
Concen: 46.710 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:	107	Resp:	118278
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.6	108.6
77	91.5	54.6	94.6
79	28.0	8.9	48.9

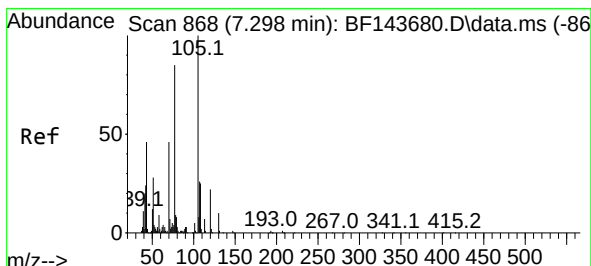
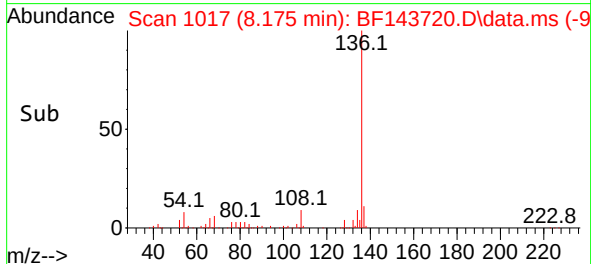
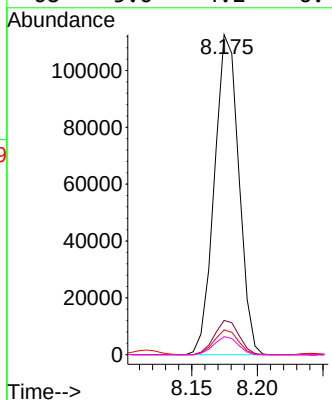
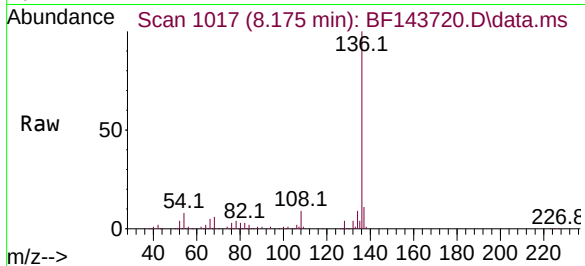




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

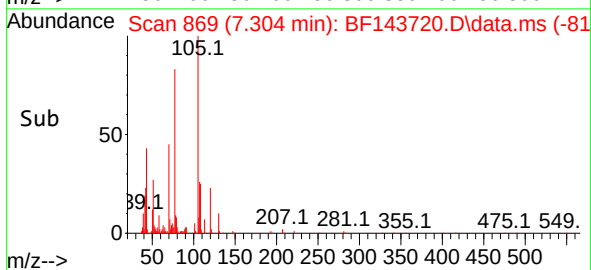
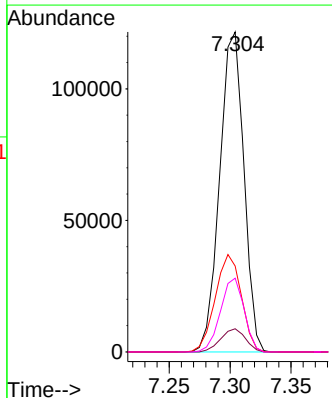
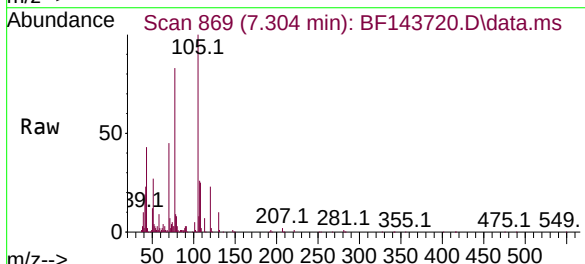
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

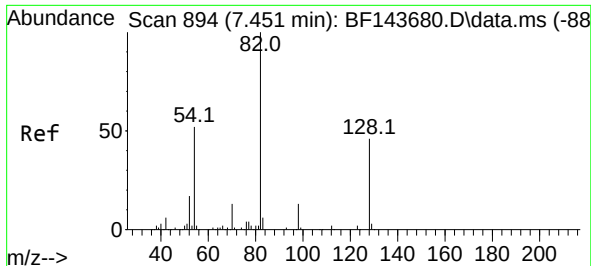
Tgt Ion:136	Resp: 146183
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 7.7	6.2 9.2
68 5.6	4.2 6.4



#22
Acetophenone
Concen: 50.844 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt	Ion:105	Resp:	167863
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.9	8.9
51	26.8	22.4	33.6
120	23.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 47.858 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

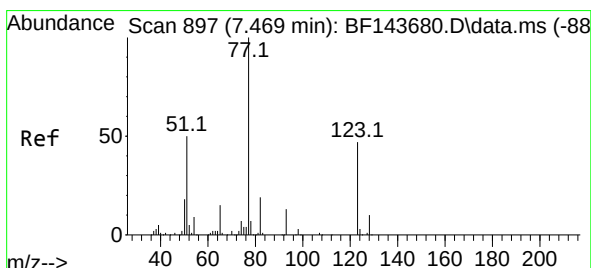
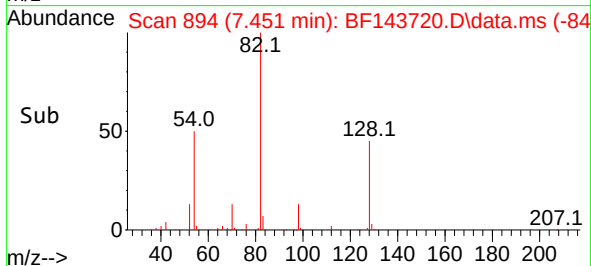
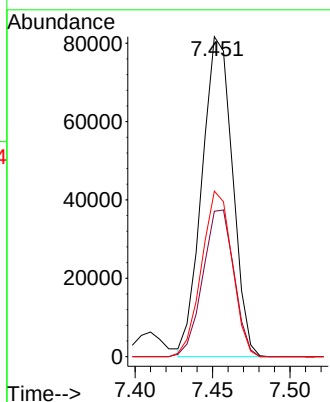
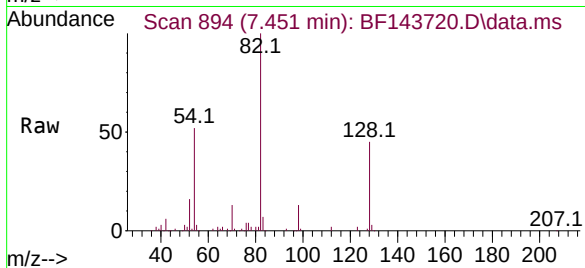
Tgt Ion: 82 Resp: 112476

Ion Ratio Lower Upper

82 100

128 45.4 37.0 55.4

54 51.7 41.8 62.8



#24

Nitrobenzene

Concen: 45.053 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

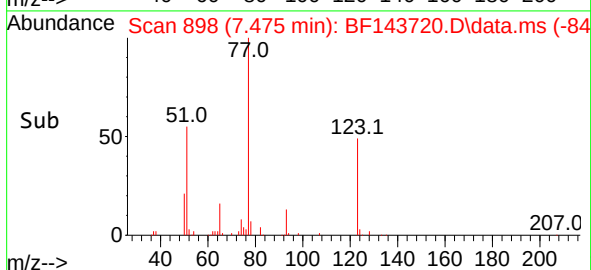
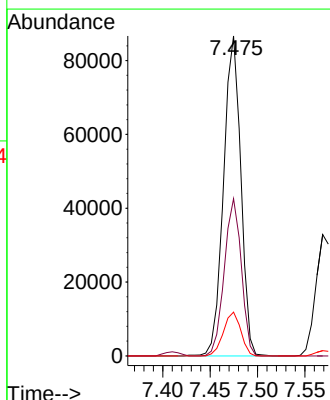
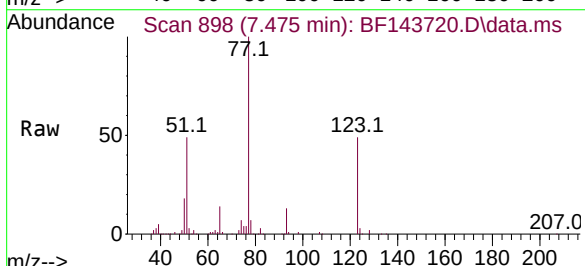
Tgt Ion: 77 Resp: 109788

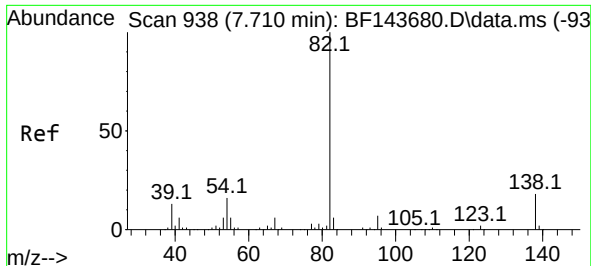
Ion Ratio Lower Upper

77 100

123 49.1 37.4 56.0

65 13.7 11.6 17.4

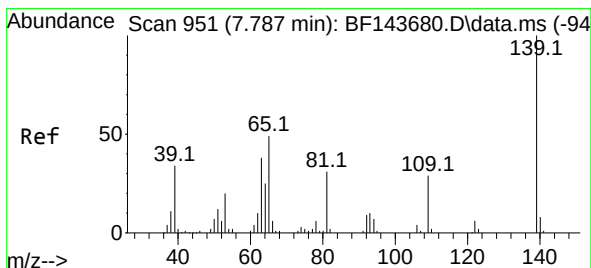
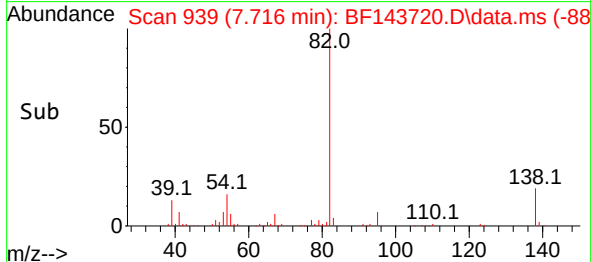
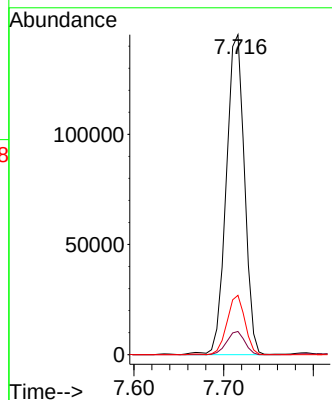
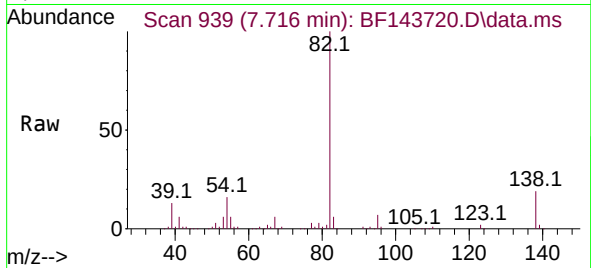




#25
Isophorone
Concen: 45.638 ng
RT: 7.716 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

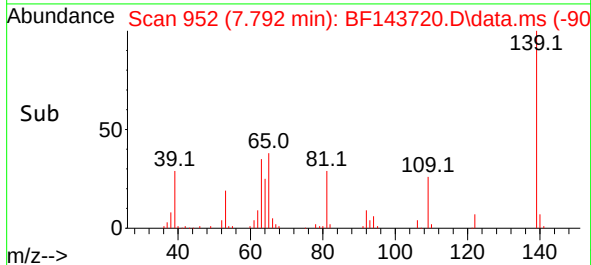
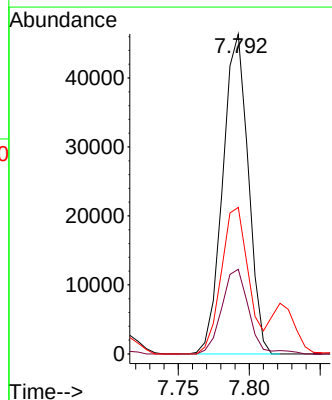
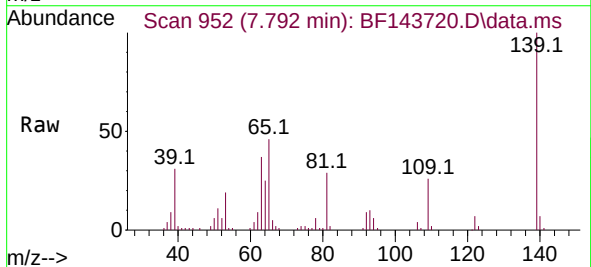
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

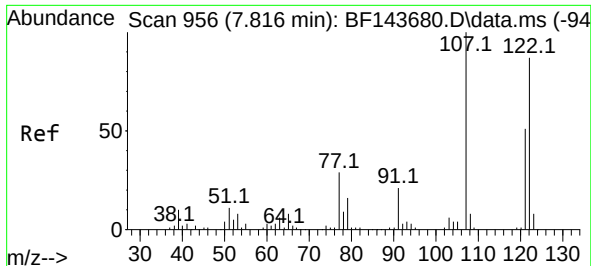
Tgt Ion: 82 Resp: 205671
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.5 14.8 22.2



#26
2-Nitrophenol
Concen: 48.466 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion: 139 Resp: 58069
Ion Ratio Lower Upper
139 100
109 26.4 22.8 34.2
65 45.8 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 49.295 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

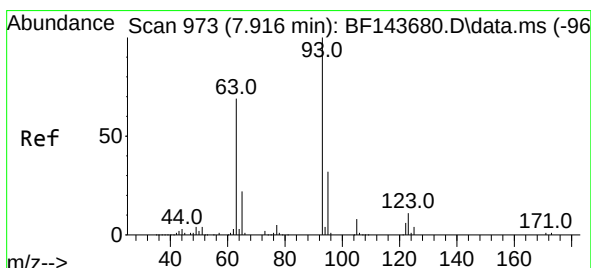
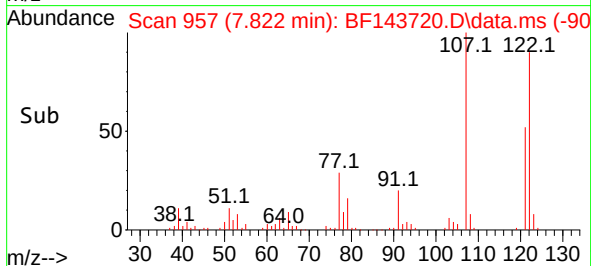
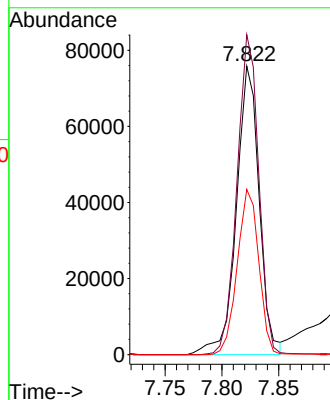
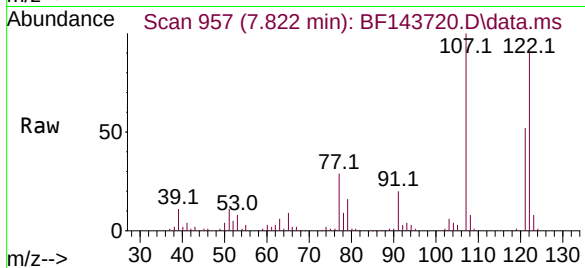
Tgt Ion:122 Resp: 106030

Ion Ratio Lower Upper

122 100

107 110.9 92.1 138.1

121 57.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.155 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

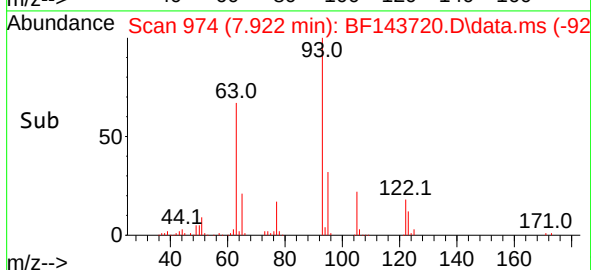
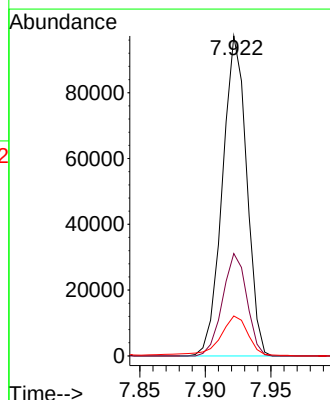
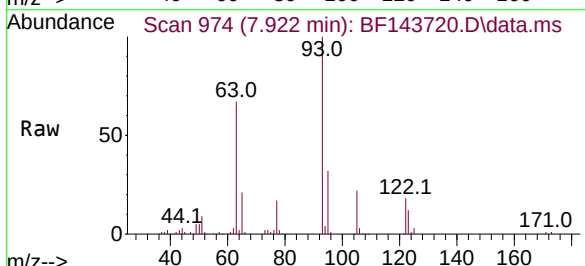
Tgt Ion: 93 Resp: 125057

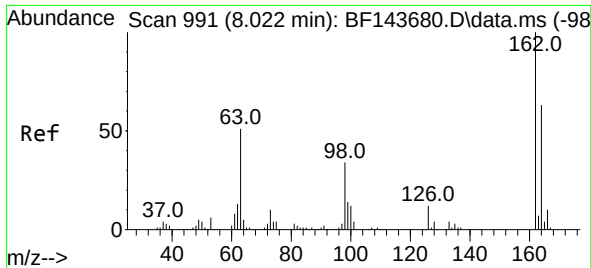
Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

123 12.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.313 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

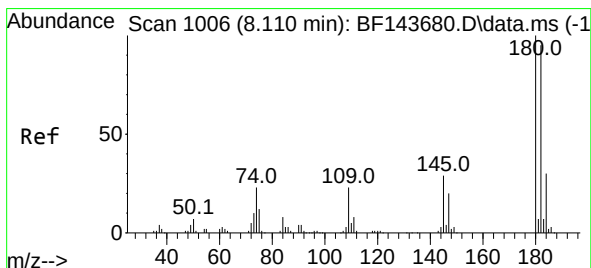
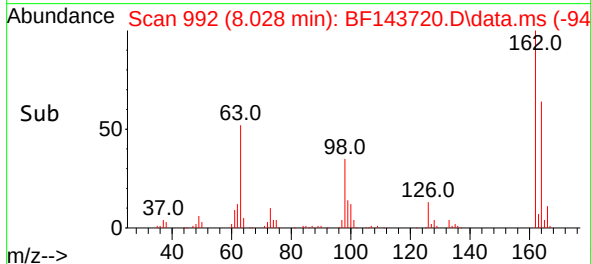
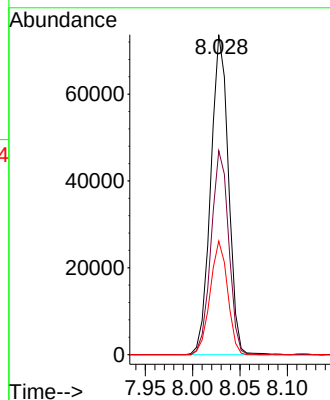
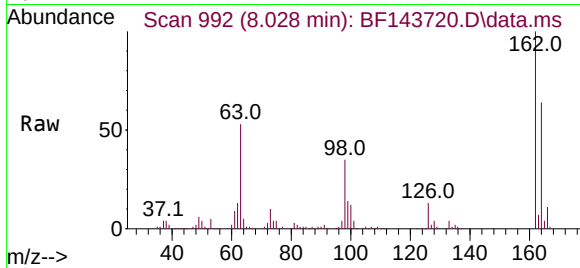
Tgt Ion:162 Resp: 95878

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

98 35.5 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 46.065 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

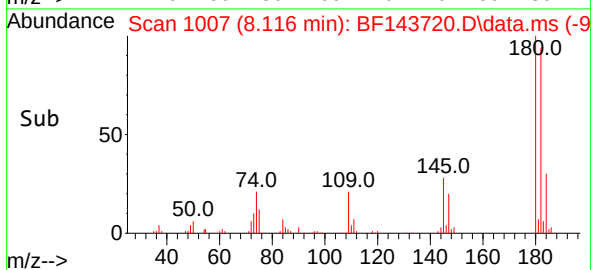
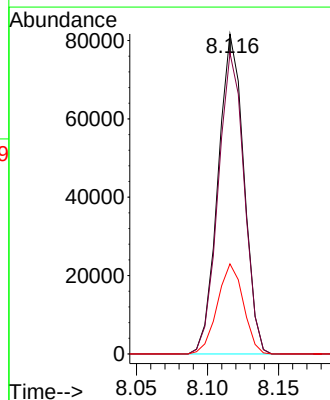
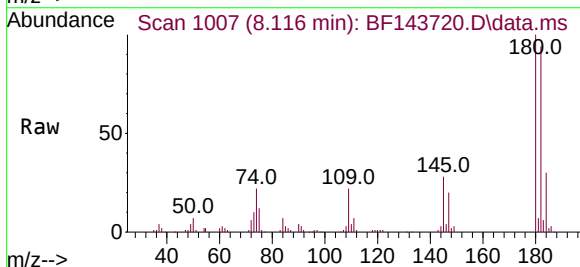
Tgt Ion:180 Resp: 103258

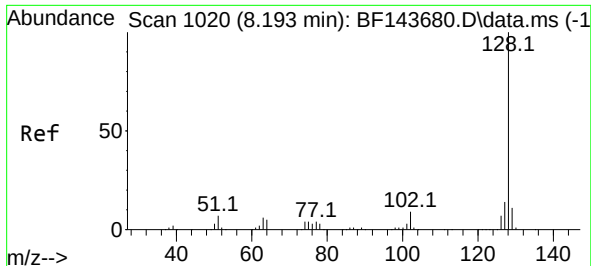
Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.4

145 28.2 23.2 34.8

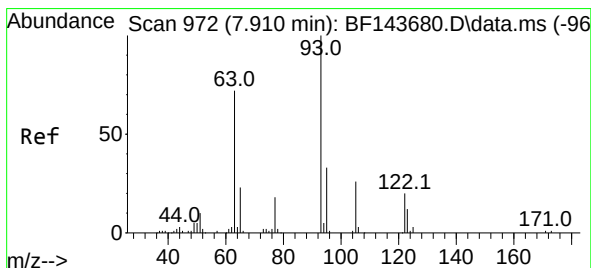
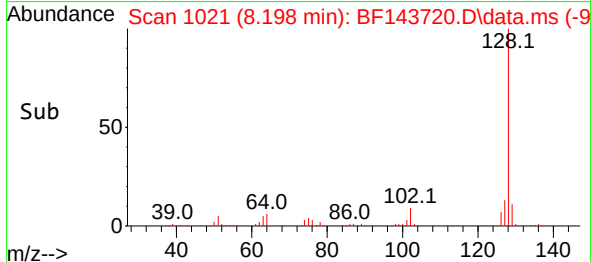
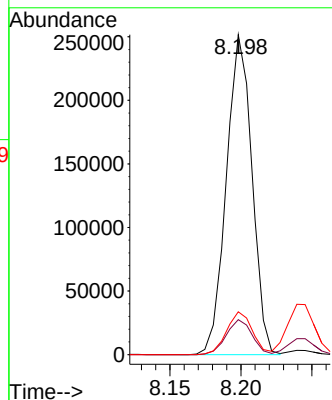
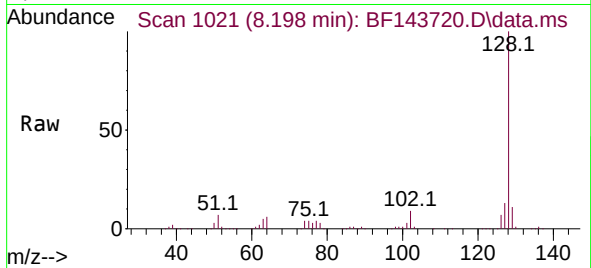




#31
Naphthalene
Concen: 43.660 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

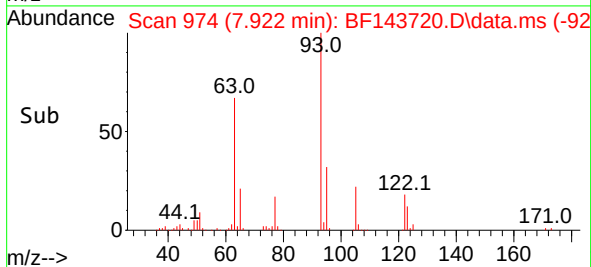
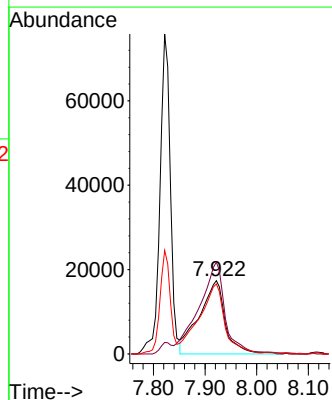
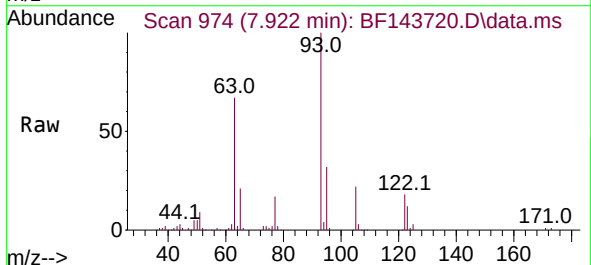
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

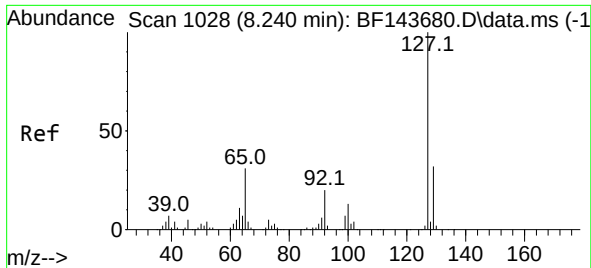
Tgt Ion:128 Resp: 315948
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 46.594 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:122 Resp: 61144
Ion Ratio Lower Upper
122 100
105 125.4 105.2 145.2
77 95.7 72.0 112.0

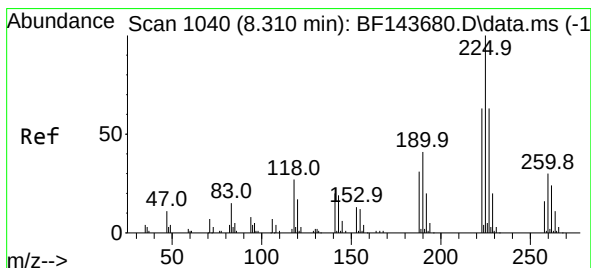
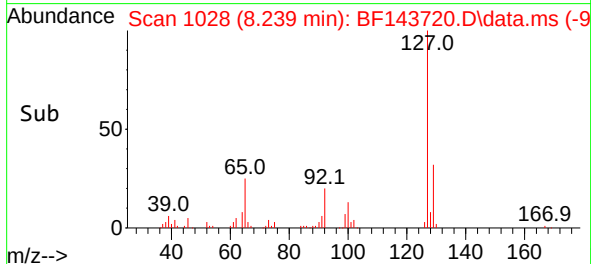
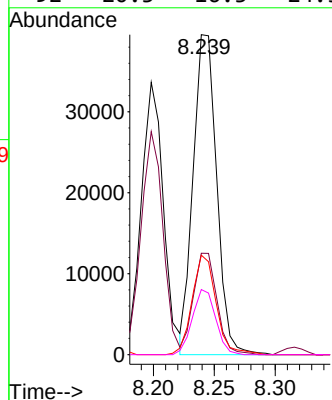
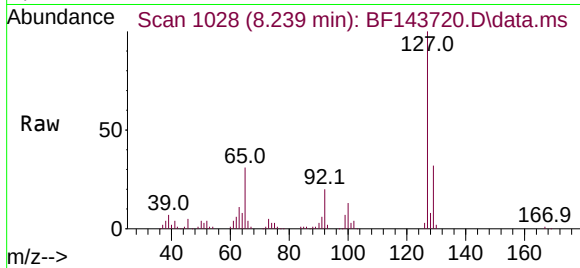




#33
4-Chloroaniline
Concen: 21.141 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

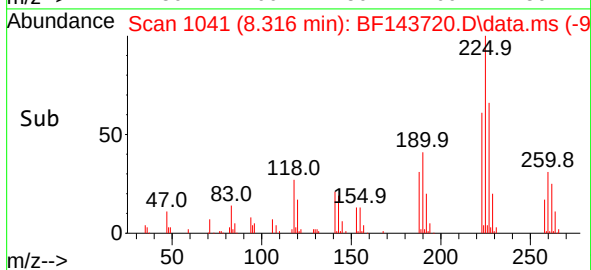
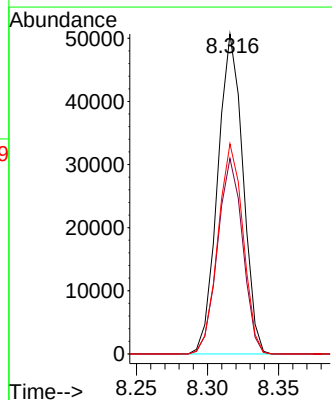
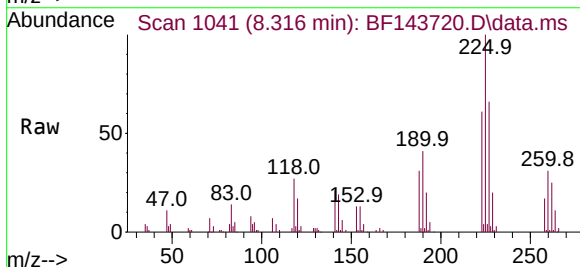
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

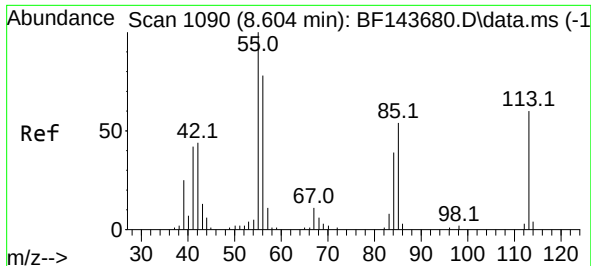
Tgt Ion:	127	Resp:	53260
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	31.1	24.6	36.8
92	20.3	16.3	24.5



#34
Hexachlorobutadiene
Concen: 42.771 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:	225	Resp:	62534
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	65.7	50.8	76.2

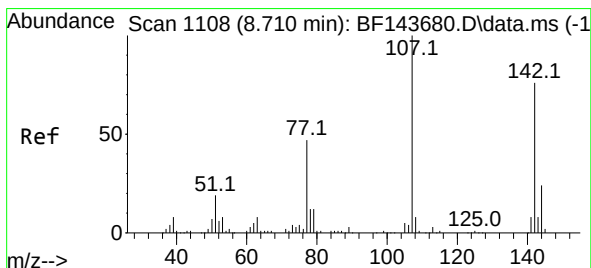
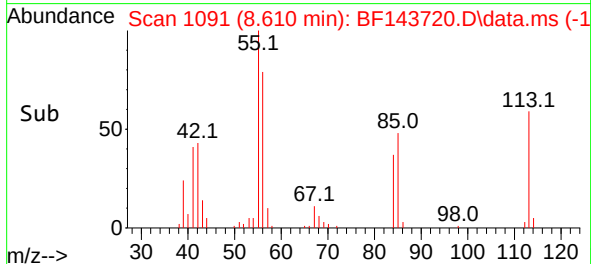
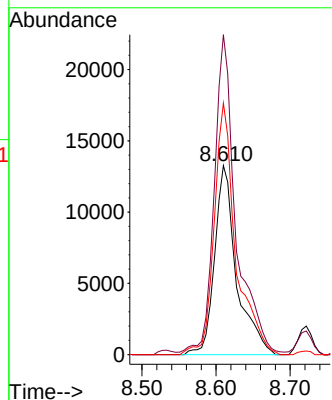
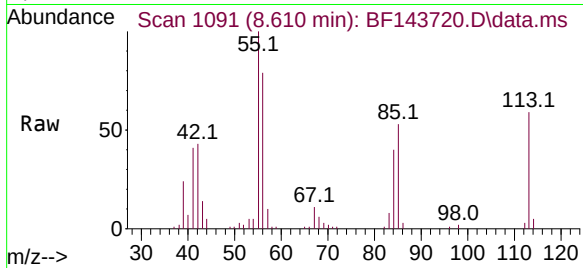




#35
 Caprolactam
 Concen: 47.342 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

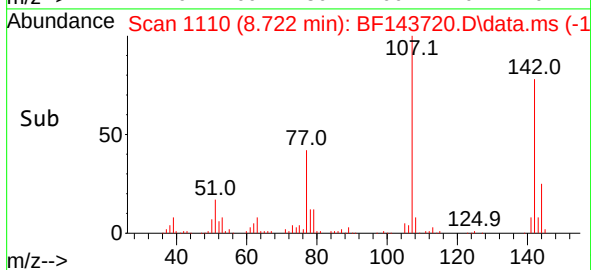
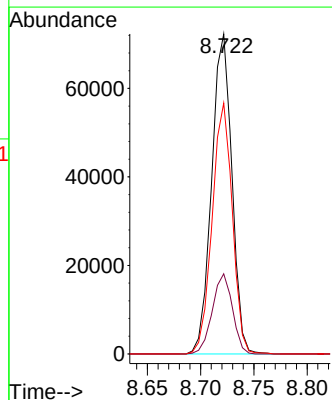
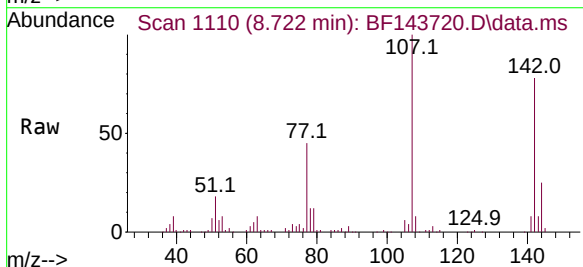
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MS

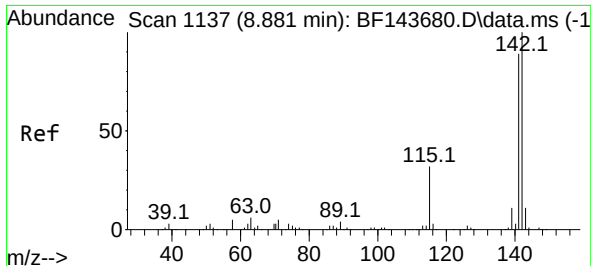
Tgt Ion:113 Resp: 27263
 Ion Ratio Lower Upper
 113 100
 55 169.3 148.9 188.9
 56 133.0 112.8 152.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.750 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.011 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

Tgt Ion:107 Resp: 95470
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.4 29.2
 142 78.4 60.6 91.0





#37

2-Methylnaphthalene

Concen: 39.671 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

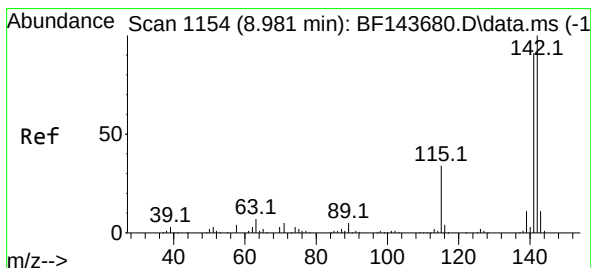
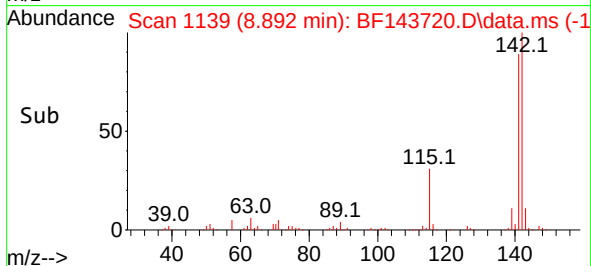
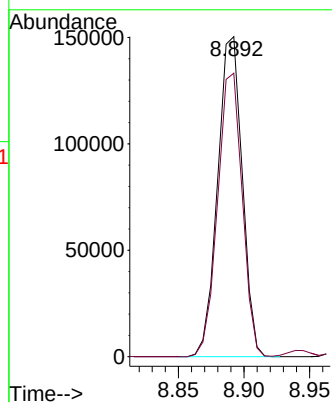
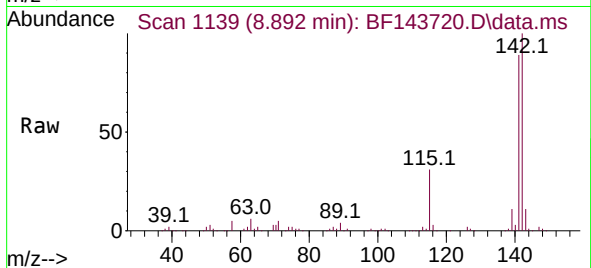
MOO-25-0254-0256MS

Tgt Ion:142 Resp: 196517

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7



#38

1-Methylnaphthalene

Concen: 42.458 ng

RT: 8.992 min Scan# 1156

Delta R.T. 0.011 min

Lab File: BF143720.D

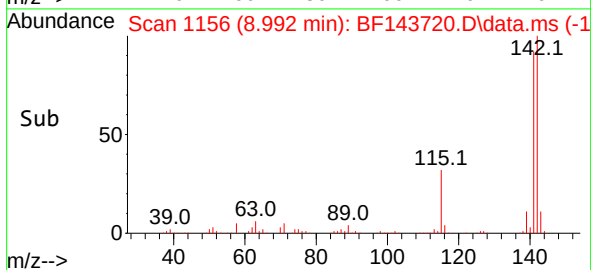
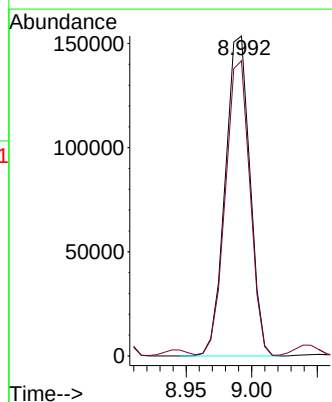
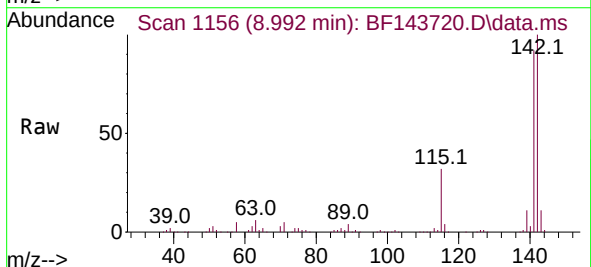
Acq: 11 Sep 2025 21:54

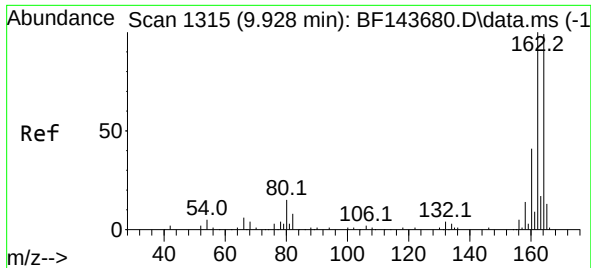
Tgt Ion:142 Resp: 201841

Ion Ratio Lower Upper

142 100

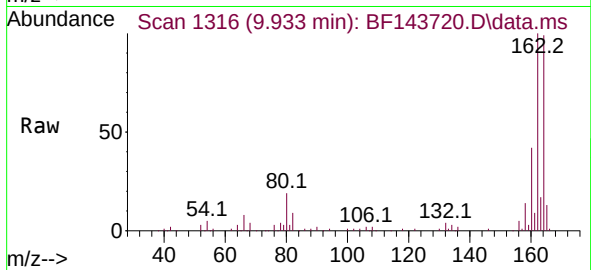
141 92.2 72.9 109.3



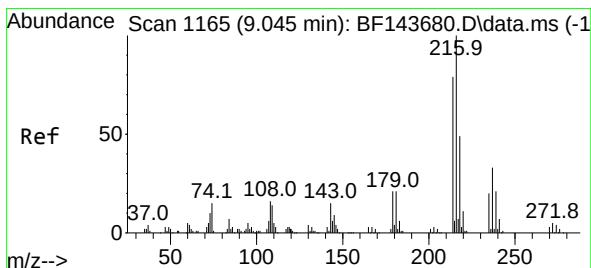
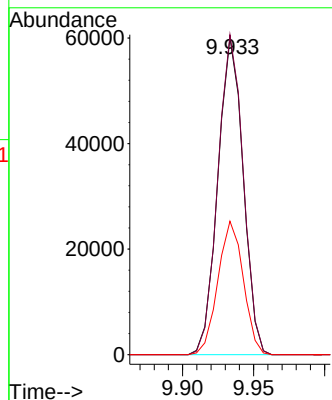
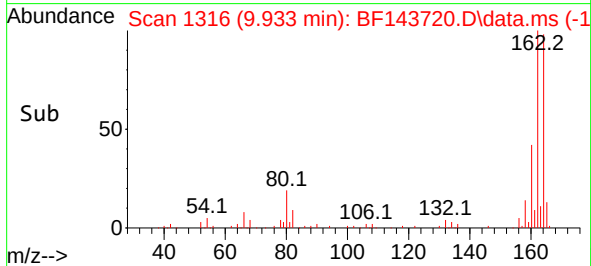


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1315
 Delta R.T. 0.006 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

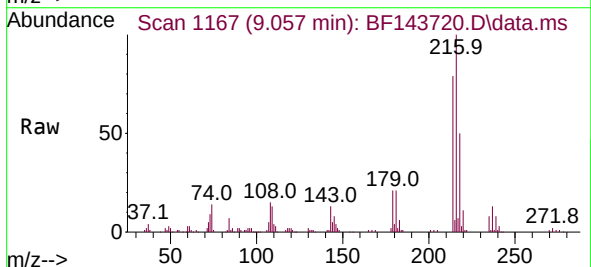
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MS



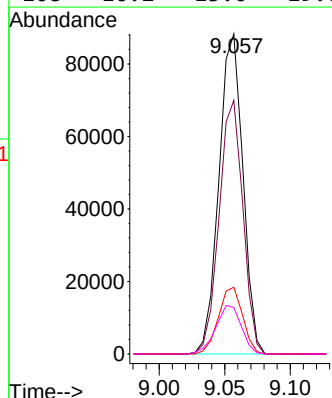
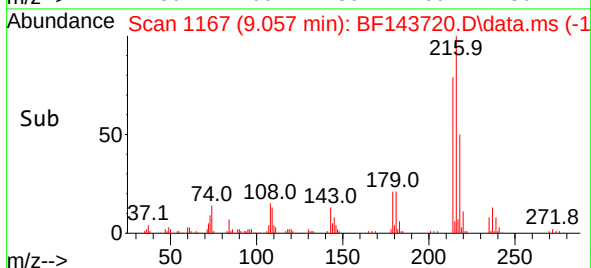
Tgt Ion:164 Resp: 74540
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 121.0
 160 42.1 33.0 49.4

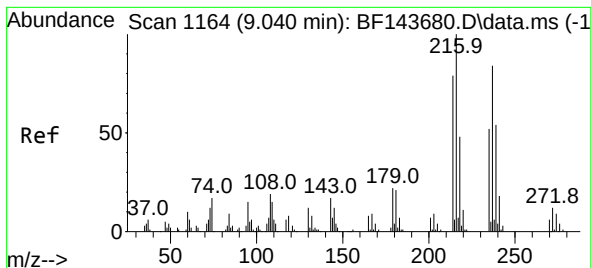


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.624 ng
 RT: 9.057 min Scan# 1167
 Delta R.T. 0.011 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54



Tgt Ion:216 Resp: 112298
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.2 94.8
 179 21.0 16.8 25.2
 108 16.2 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 57.563 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

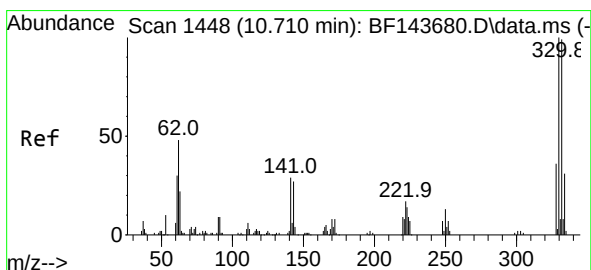
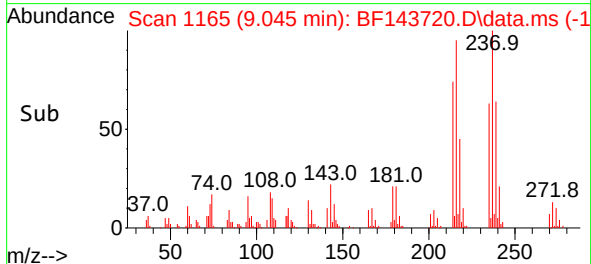
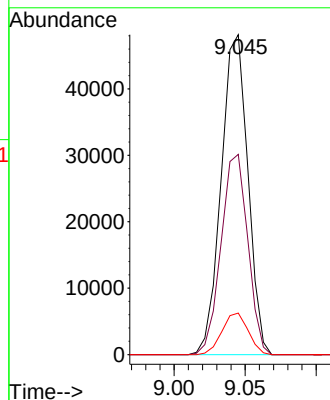
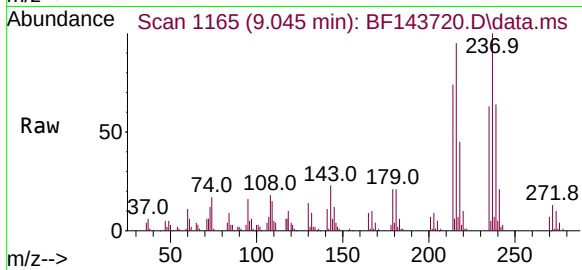
Tgt Ion:237 Resp: 63064

Ion Ratio Lower Upper

237 100

235 62.6 41.6 81.6

272 13.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 61.148 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

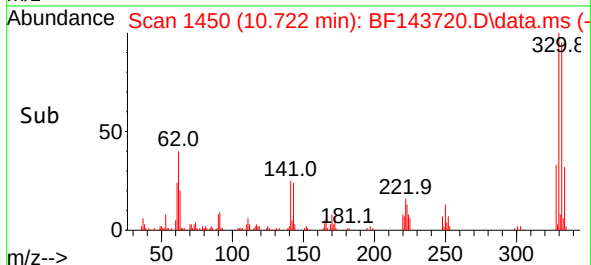
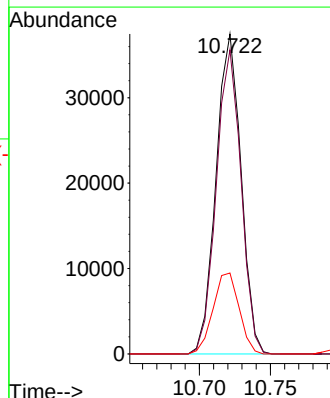
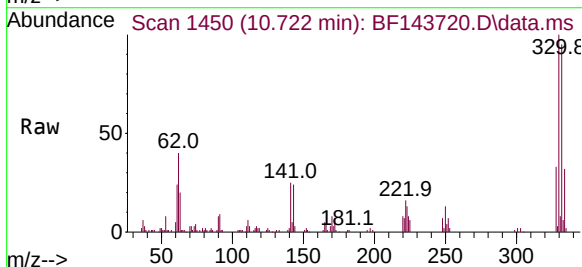
Tgt Ion:330 Resp: 45934

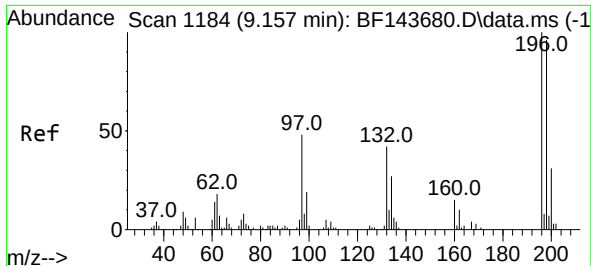
Ion Ratio Lower Upper

330 100

332 94.0 79.2 118.8

141 26.4 22.2 33.4

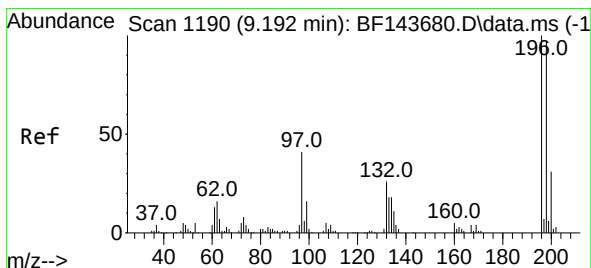
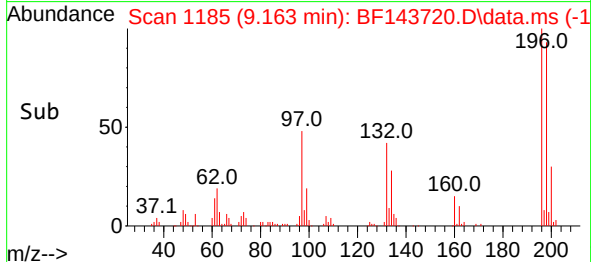
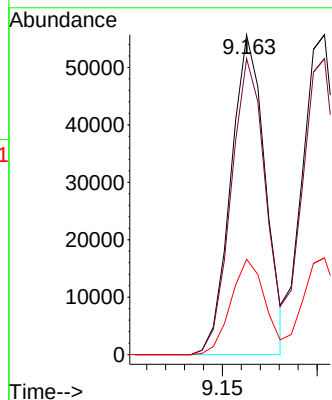
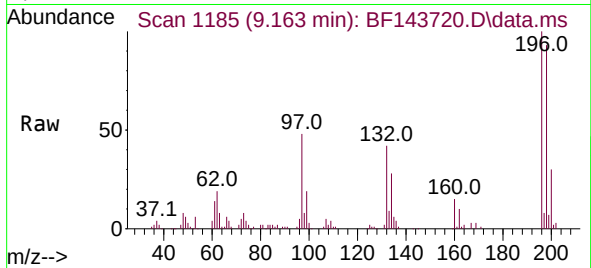




#43
2,4,6-Trichlorophenol
Concen: 49.208 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

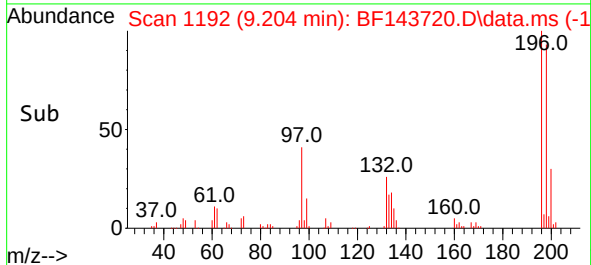
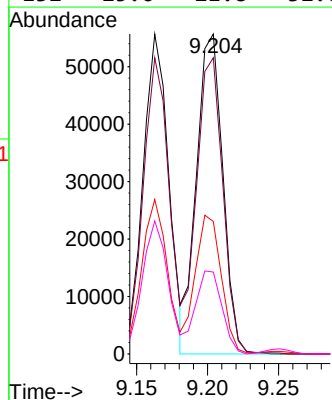
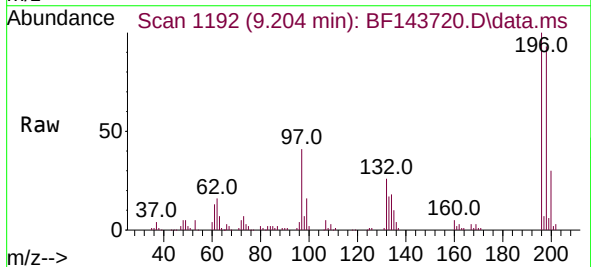
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

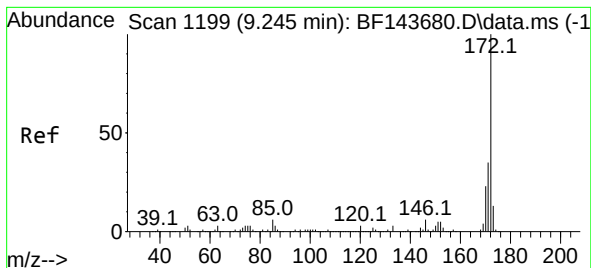
Tgt Ion:196 Resp: 70119
Ion Ratio Lower Upper
196 100
198 92.6 76.5 114.7
200 29.8 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 49.455 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:196 Resp: 71641
Ion Ratio Lower Upper
196 100
198 92.5 77.0 115.6
97 41.4 34.2 51.4
132 25.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 45.254 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

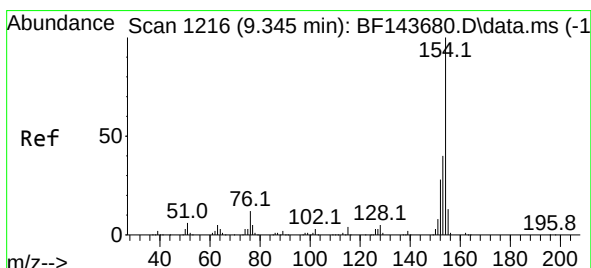
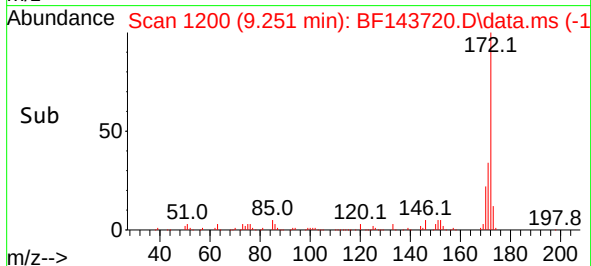
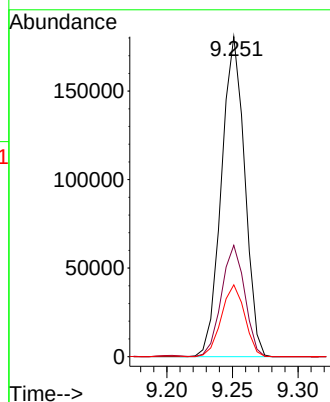
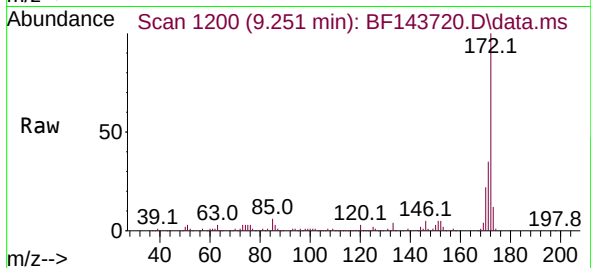
Tgt Ion:172 Resp: 223300

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 54.569 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

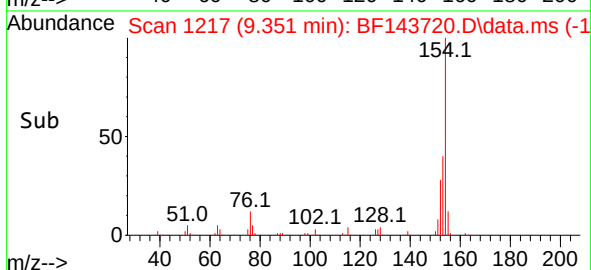
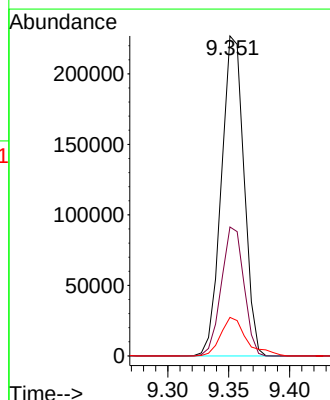
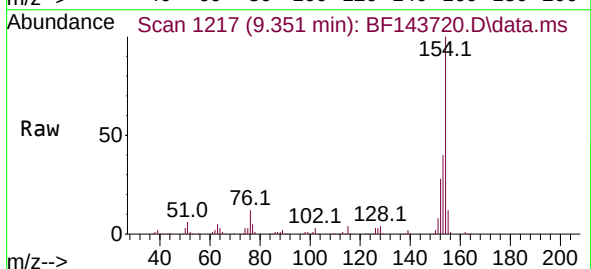
Tgt Ion:154 Resp: 292832

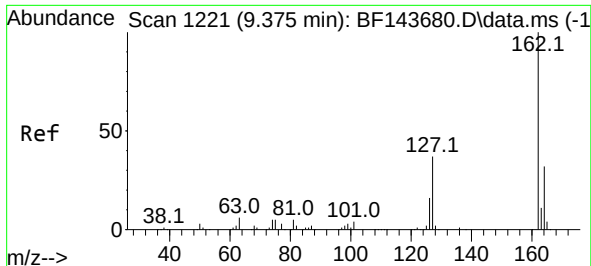
Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

76 12.0 0.0 31.6





#47

2-Chloronaphthalene

Concen: 47.178 ng

RT: 9.380 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143720.D

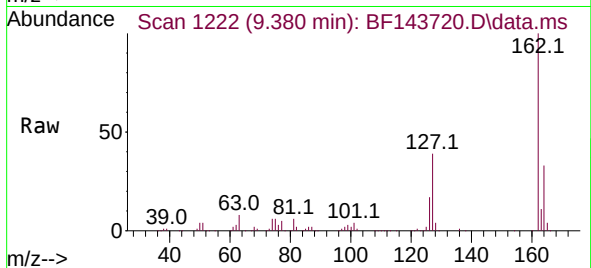
Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS



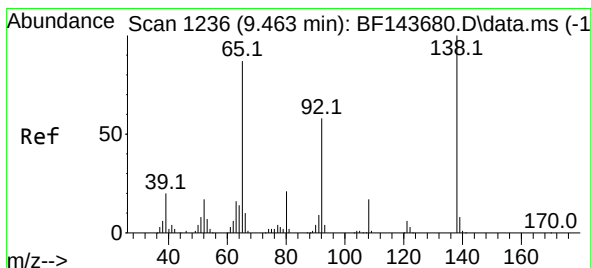
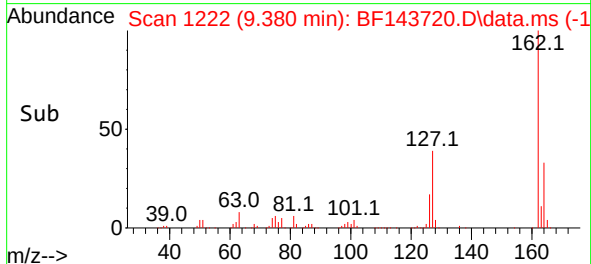
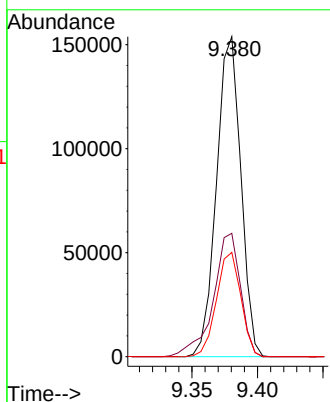
Tgt Ion:162 Resp: 198474

Ion Ratio Lower Upper

162 100

127 38.5 30.6 45.8

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 50.099 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

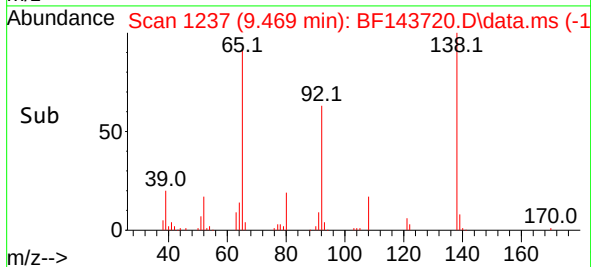
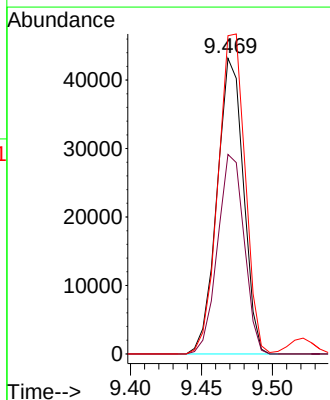
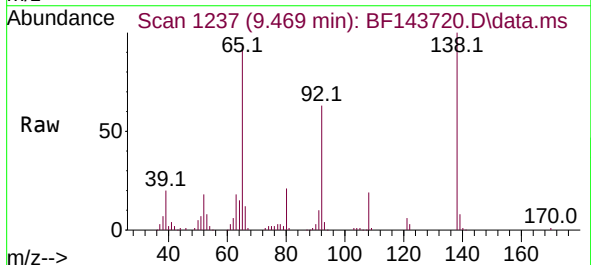
Tgt Ion: 65 Resp: 55776

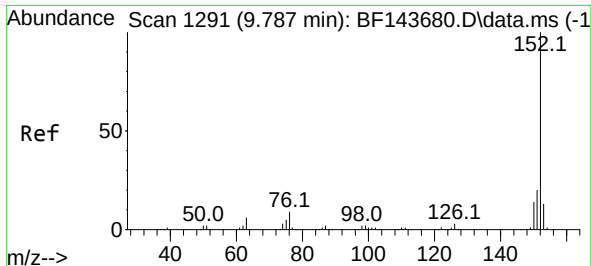
Ion Ratio Lower Upper

65 100

92 67.5 53.3 79.9

138 107.7 92.1 138.1





#49

Acenaphthylene

Concen: 53.329 ng

RT: 9.798 min Scan# 1291

Delta R.T. 0.011 min

Lab File: BF143720.D

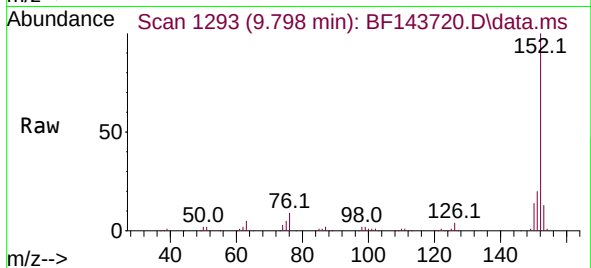
Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS



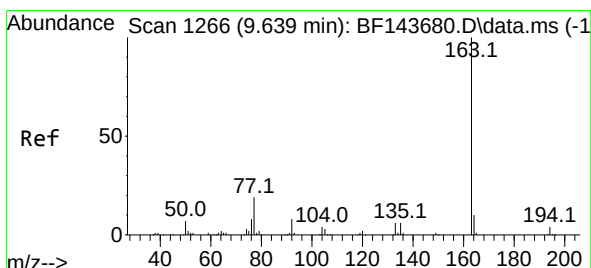
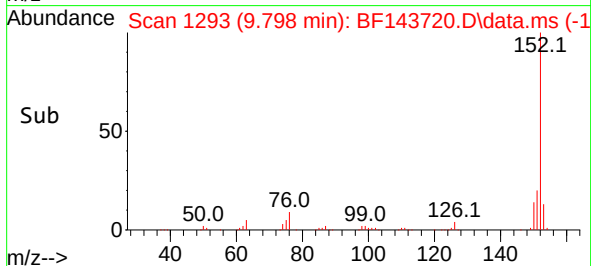
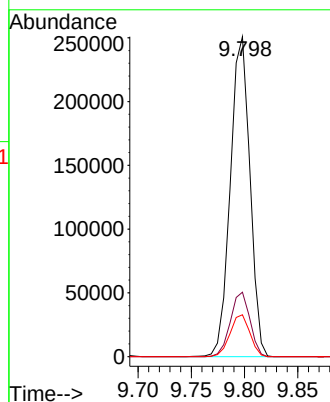
Tgt Ion:152 Resp: 321370

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 49.352 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

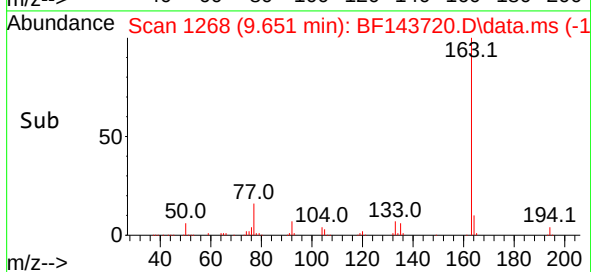
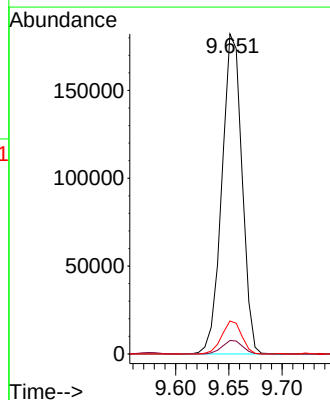
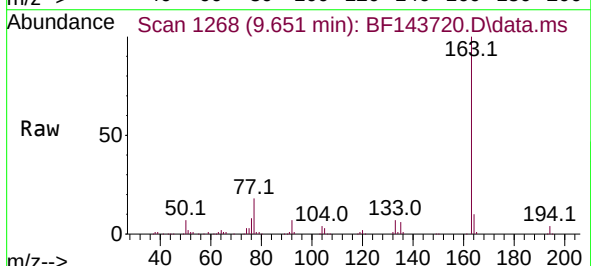
Tgt Ion:163 Resp: 239346

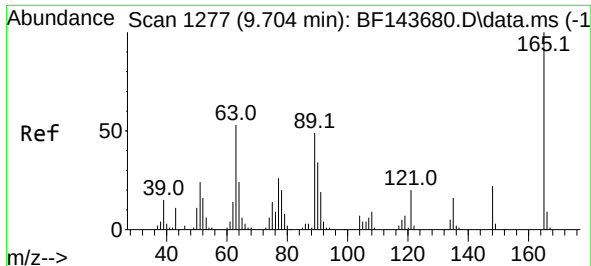
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 52.559 ng

RT: 9.716 min Scan# 1277

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

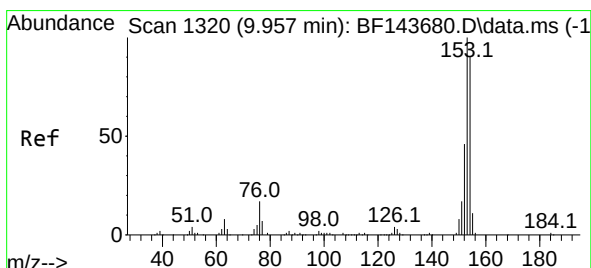
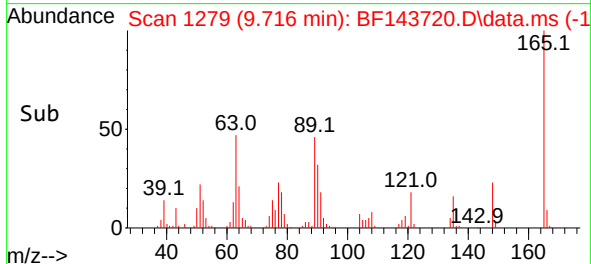
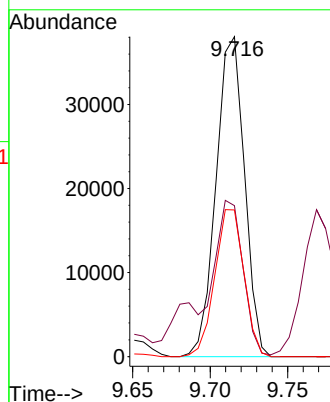
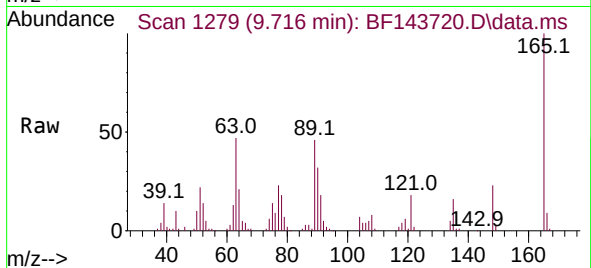
Tgt Ion:165 Resp: 48736

Ion Ratio Lower Upper

165 100

63 47.2 42.2 63.4

89 45.8 39.3 58.9



#52

Acenaphthene

Concen: 45.827 ng

RT: 9.969 min Scan# 1322

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

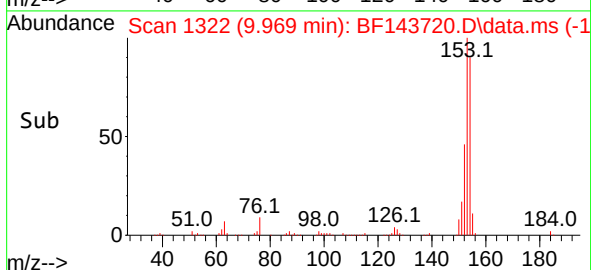
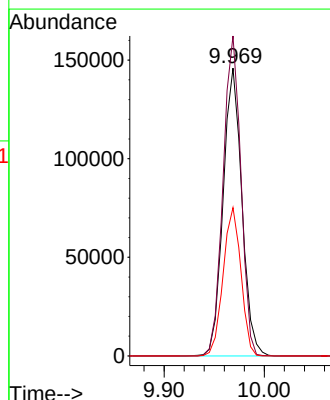
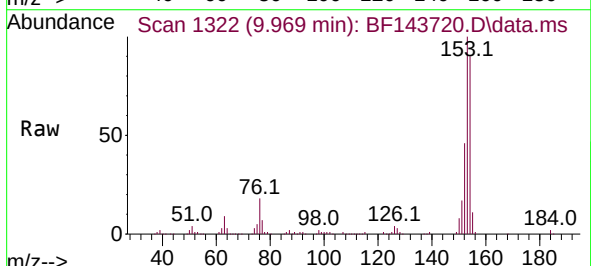
Tgt Ion:154 Resp: 190300

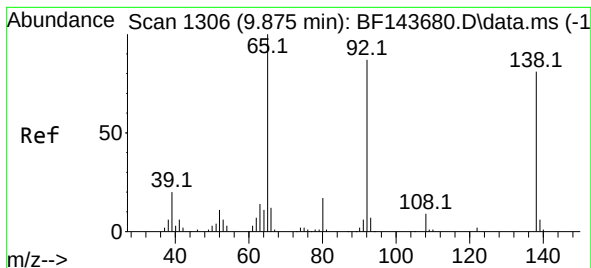
Ion Ratio Lower Upper

154 100

153 111.2 89.4 134.0

152 51.6 41.2 61.8





#53

3-Nitroaniline

Concen: 34.112 ng

RT: 9.880 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

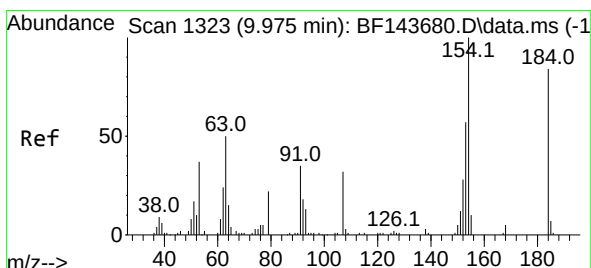
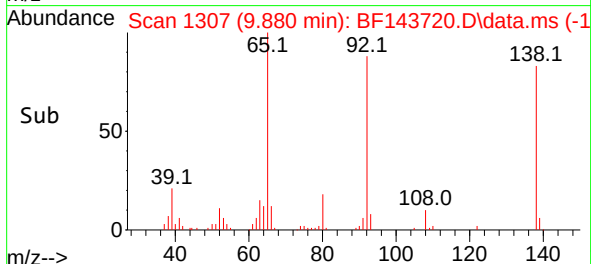
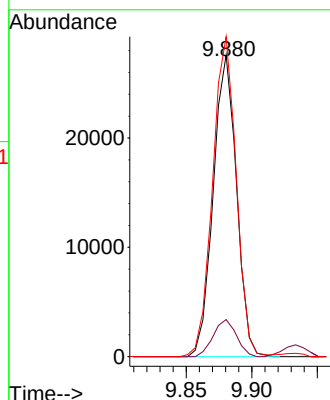
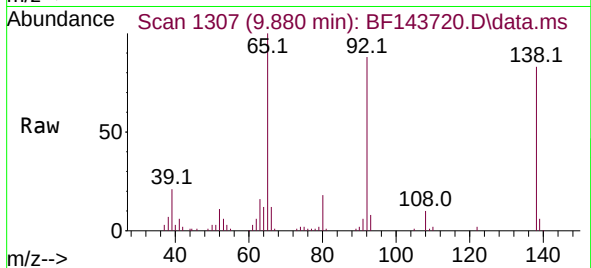
Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

Tgt Ion:138	Resp:	34040
Ion Ratio	Lower	Upper
138	100	
108	12.3	8.6 12.8
92	106.1	85.5 128.3



#54

2,4-Dinitrophenol

Concen: 45.447 ng

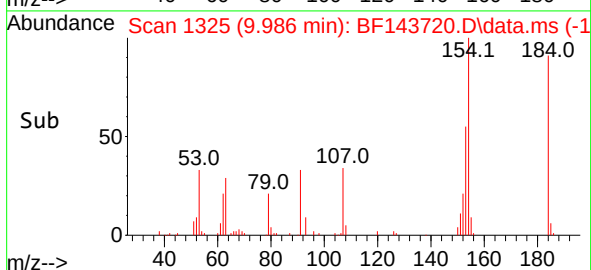
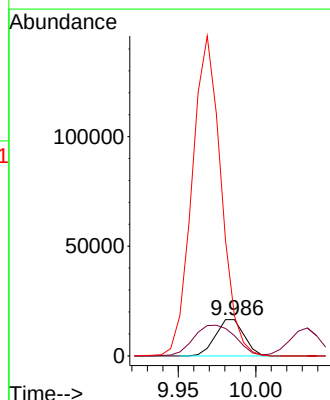
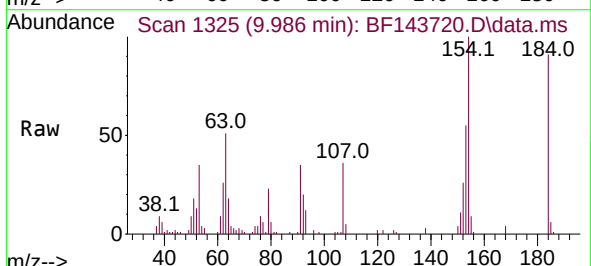
RT: 9.986 min Scan# 1325

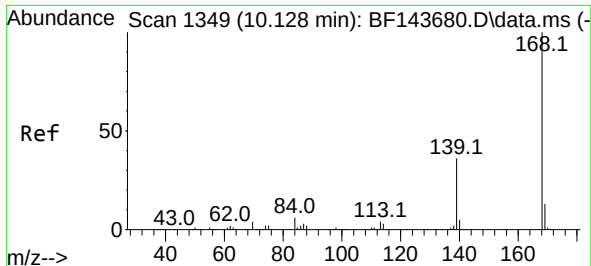
Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Tgt Ion:184	Resp:	21375
Ion Ratio	Lower	Upper
184	100	
63	55.8	52.7 79.1
154	109.3	136.6 204.8

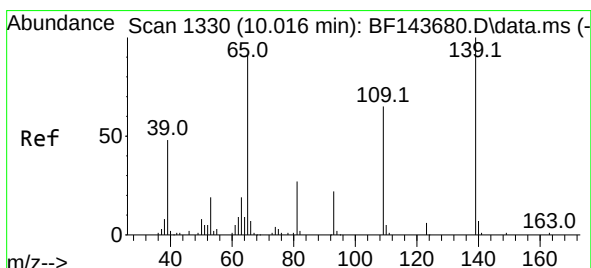
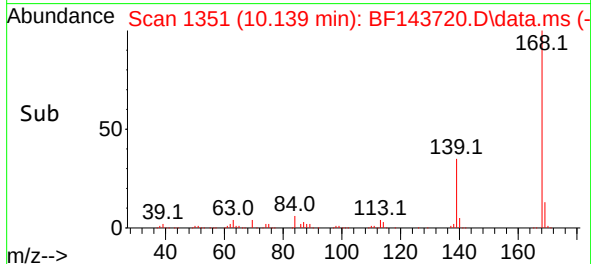
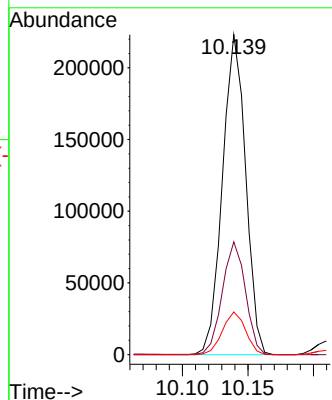
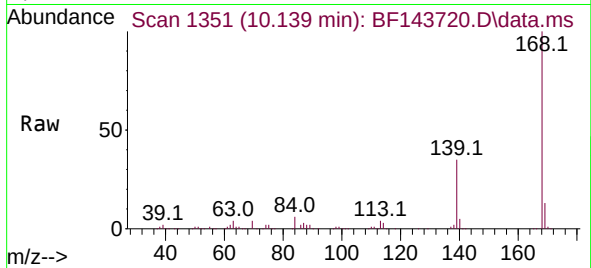




#55
Dibenzofuran
Concen: 46.041 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

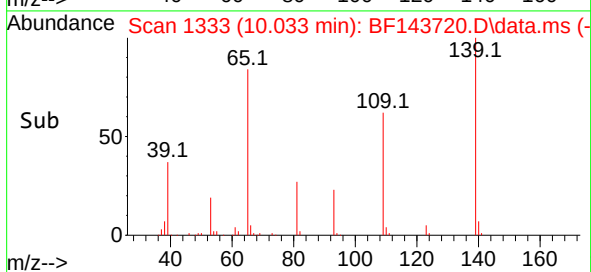
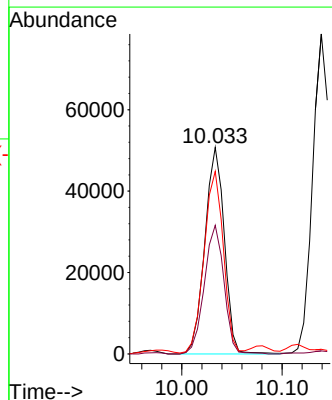
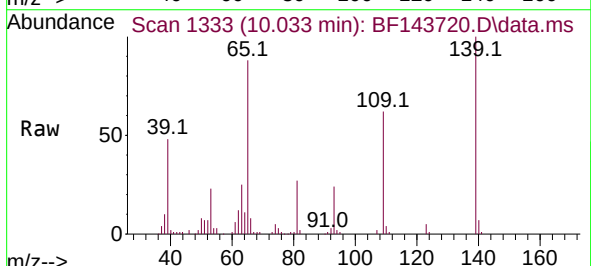
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

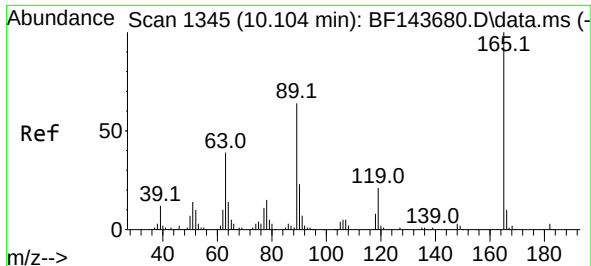
Tgt Ion:168 Resp: 274920
Ion Ratio Lower Upper
168 100
139 35.2 29.0 43.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 86.204 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.017 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:139 Resp: 68437
Ion Ratio Lower Upper
139 100
109 62.3 45.2 85.2
65 88.4 72.1 112.1

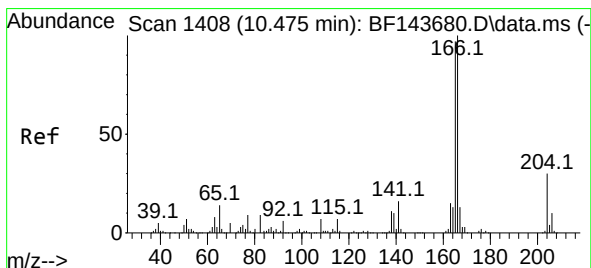
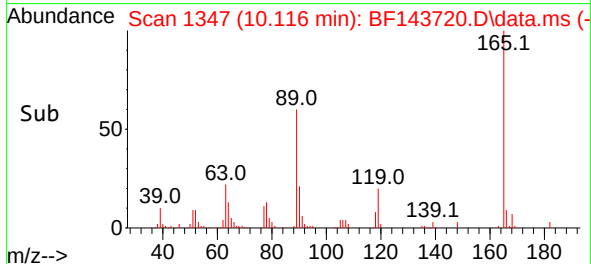
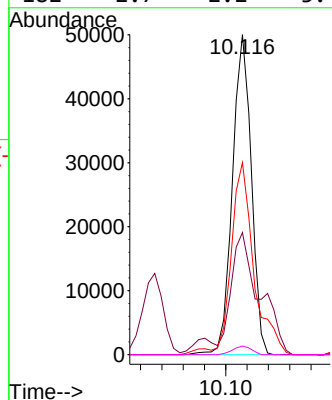
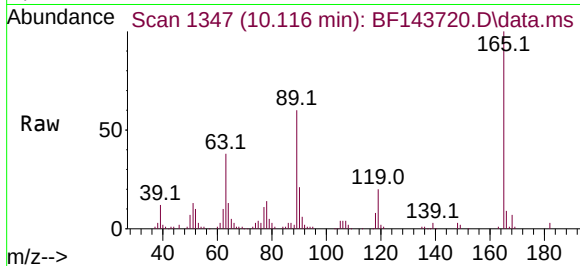




#57
2,4-Dinitrotoluene
Concen: 48.630 ng
RT: 10.116 min Scan# 1347
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

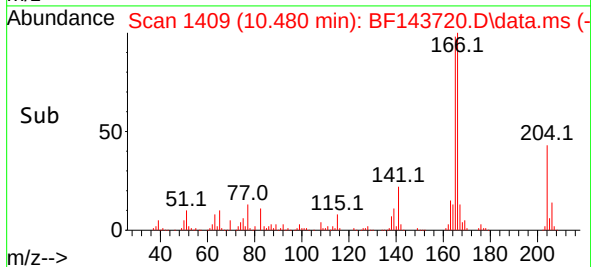
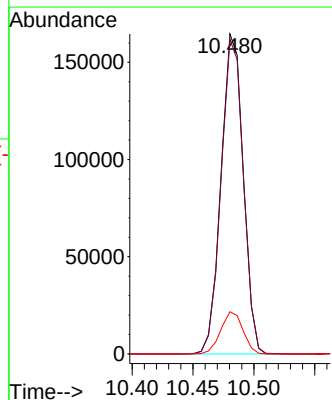
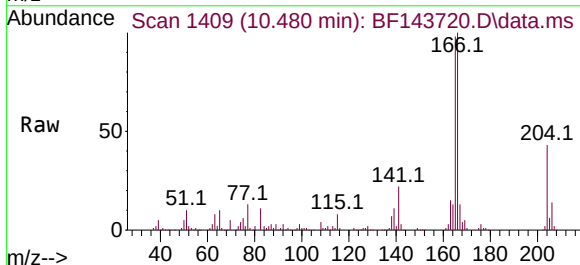
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

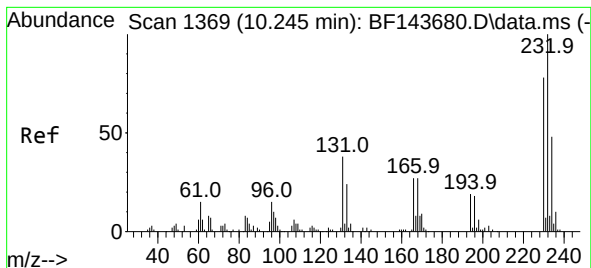
Tgt Ion:	165	Resp:	61372
Ion Ratio	Lower	Upper	
165	100		
63	38.1	31.5	47.3
89	60.0	51.3	76.9
182	2.7	2.2	3.4



#58
Fluorene
Concen: 44.721 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:	166	Resp:	209033
Ion Ratio	Lower	Upper	
166	100		
165	98.3	77.5	116.3
167	13.2	10.2	15.2

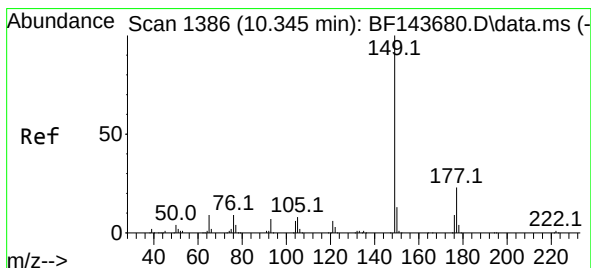
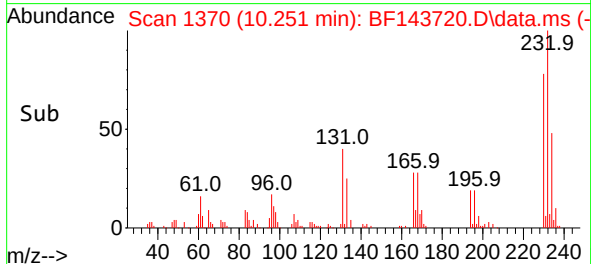
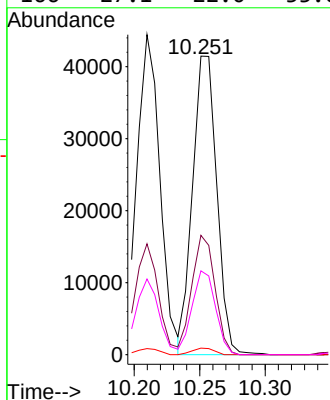
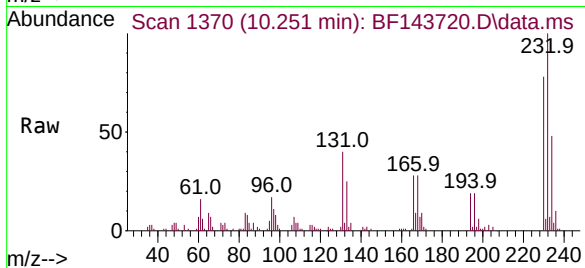




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.396 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

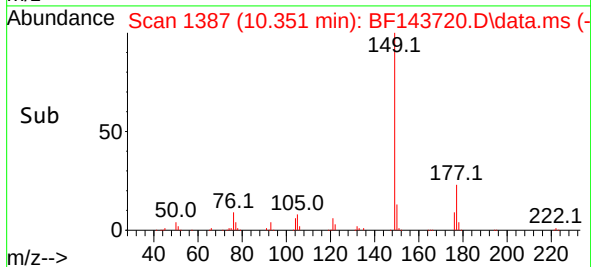
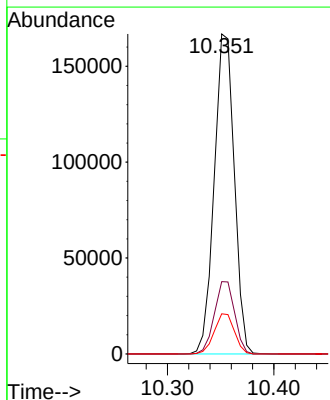
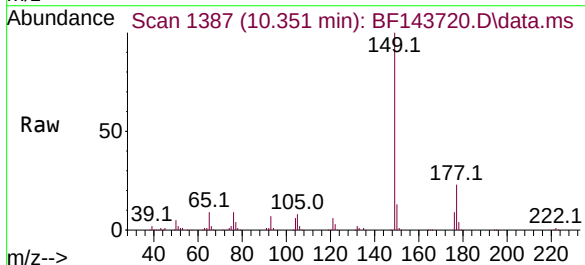
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

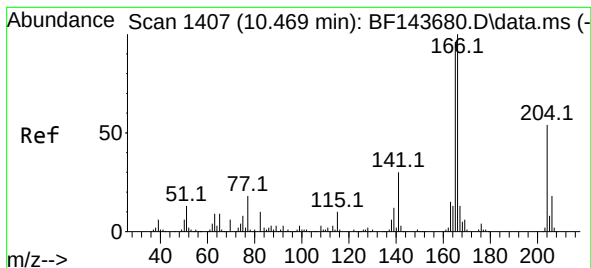
Tgt Ion:232 Resp: 53322
Ion Ratio Lower Upper
232 100
131 38.1 31.9 47.9
130 2.0 1.4 2.0
166 27.1 22.0 33.0



#60
Diethylphthalate
Concen: 48.124 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:149 Resp: 219115
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.5 10.0 15.0

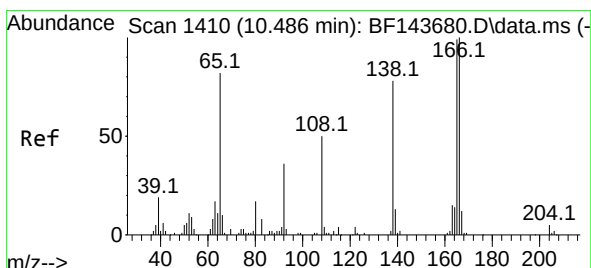
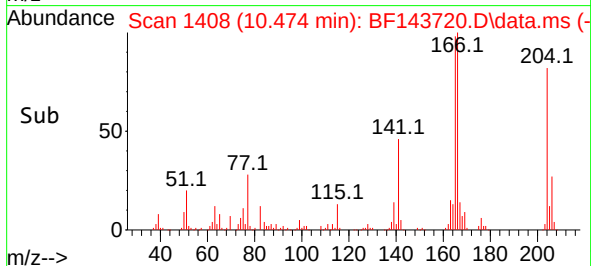
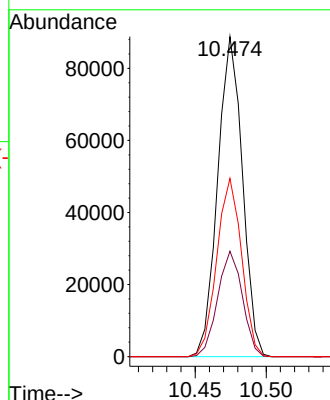
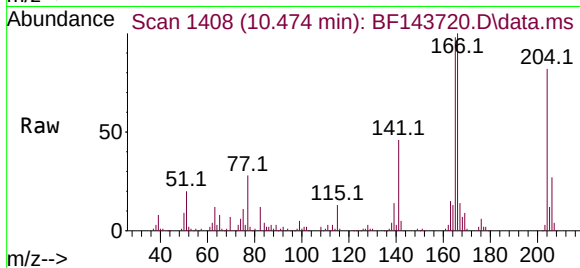




#61
4-Chlorophenyl-phenylether
Concen: 45.402 ng
RT: 10.474 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

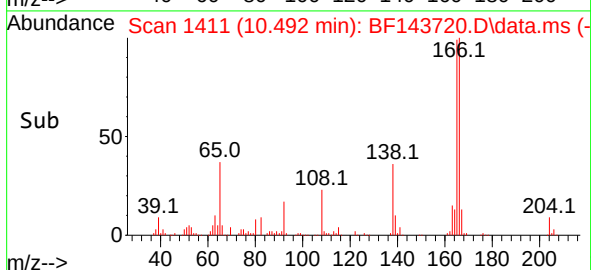
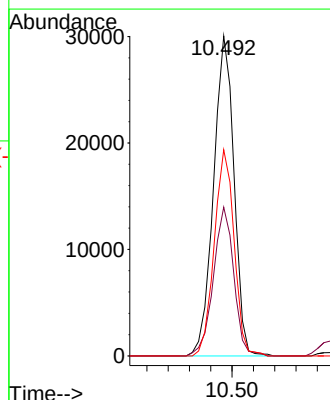
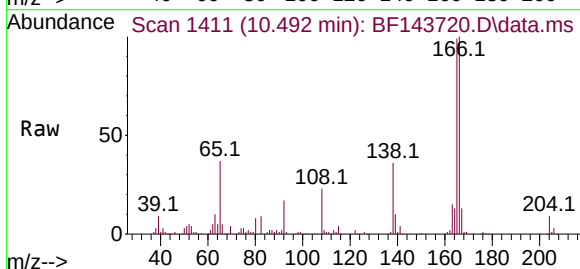
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

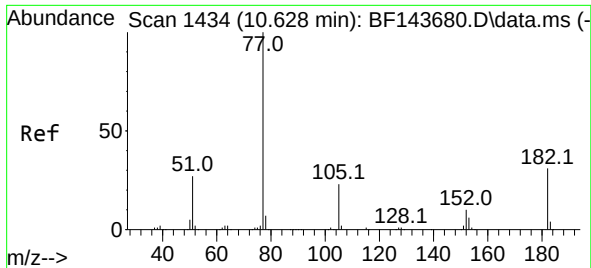
Tgt Ion:204 Resp: 107627
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 55.7 44.8 67.2



#62
4-Nitroaniline
Concen: 42.471 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:138 Resp: 40140
Ion Ratio Lower Upper
138 100
92 46.5 26.4 66.4
108 64.4 44.3 84.3

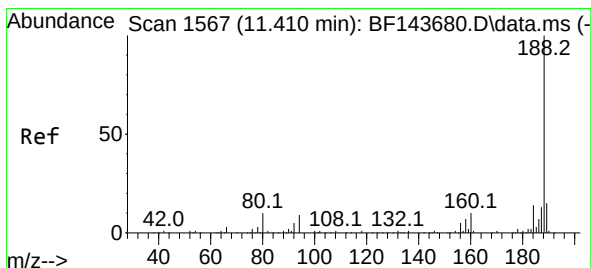
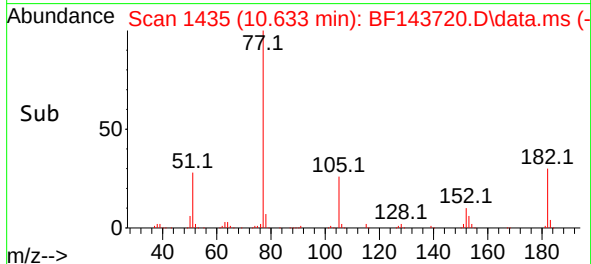
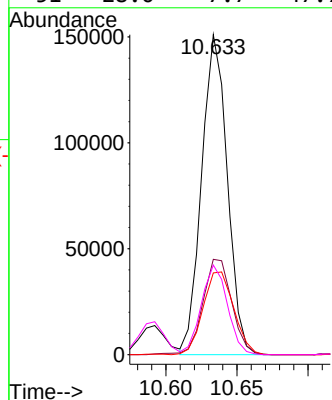
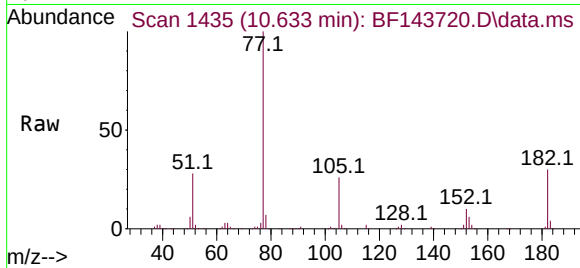




#63
 Azobenzene
 Concen: 47.168 ng
 RT: 10.633 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

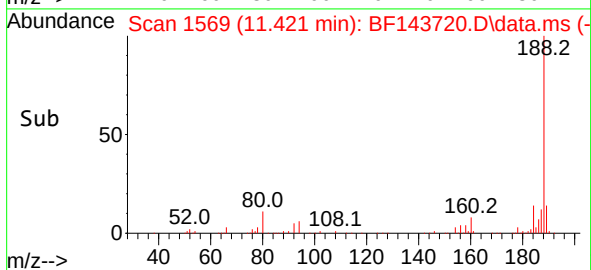
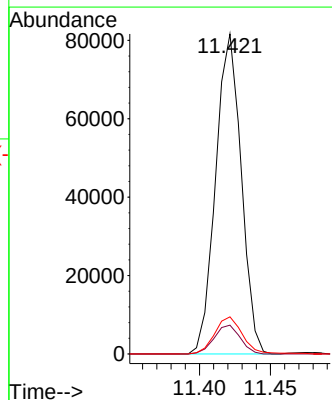
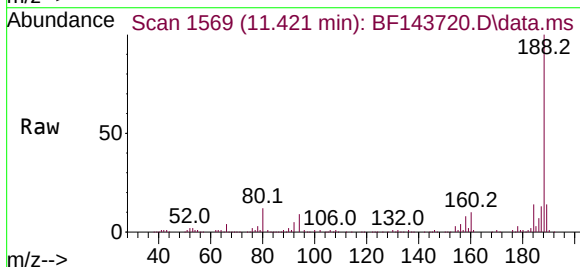
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MS

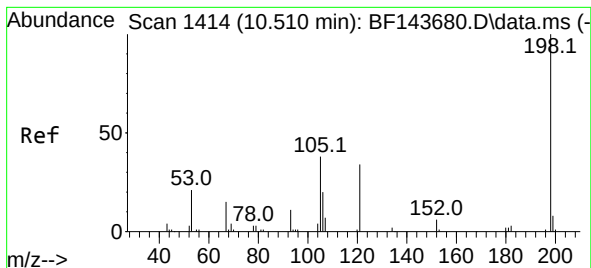
Tgt Ion: 77	Resp: 189861
Ion Ratio	Lower Upper
77 100	
182 29.8	10.8 50.8
105 25.5	3.2 43.2
51 28.0	7.7 47.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.421 min Scan# 1569
 Delta R.T. 0.011 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

Tgt Ion:188	Resp:	102389	
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.0
80	11.6	7.7	11.5#

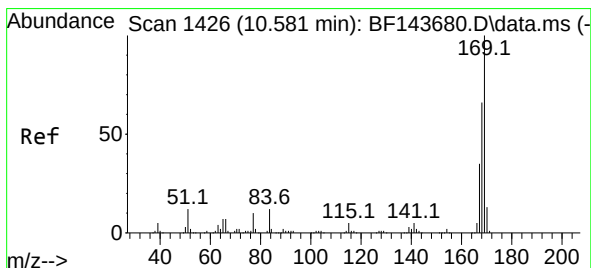
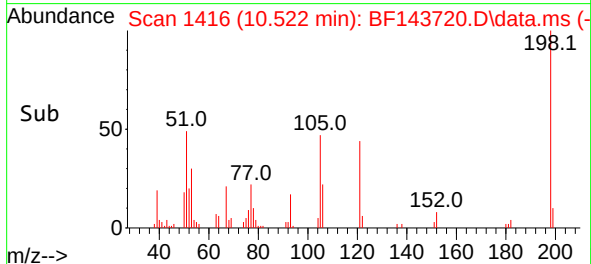
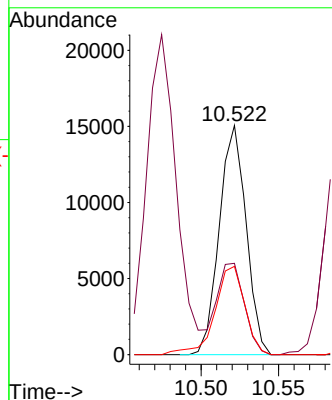
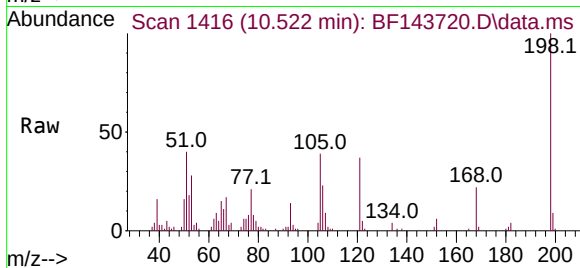




#65
4,6-Dinitro-2-methylphenol
Concen: 34.753 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

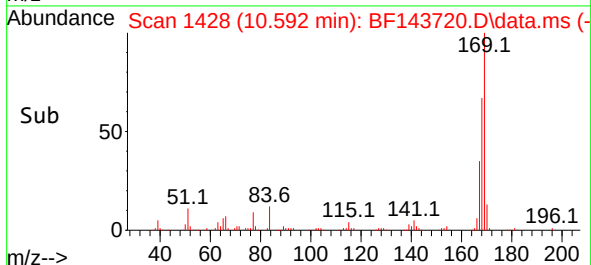
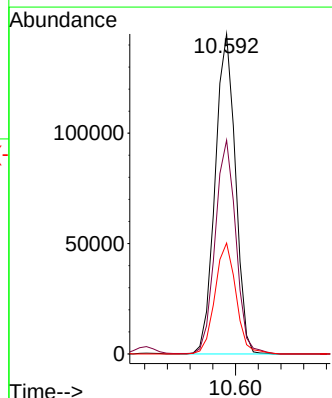
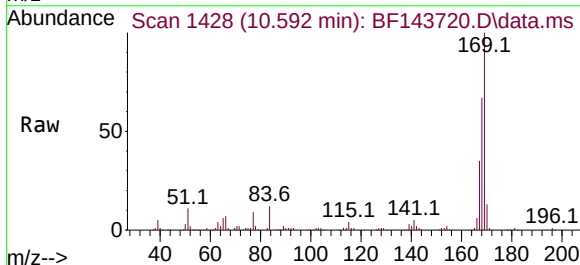
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

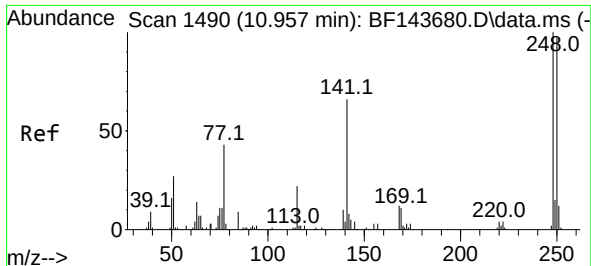
Tgt Ion:198 Resp: 18117
Ion Ratio Lower Upper
198 100
51 39.8 21.2 61.2
105 38.5 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 53.518 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:169 Resp: 179515
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 34.6 28.1 42.1





#67

4-Bromophenyl-phenylether

Concen: 48.467 ng

RT: 10.963 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

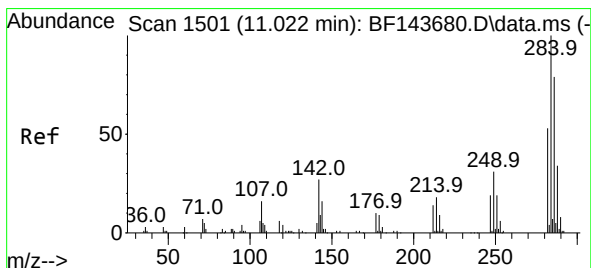
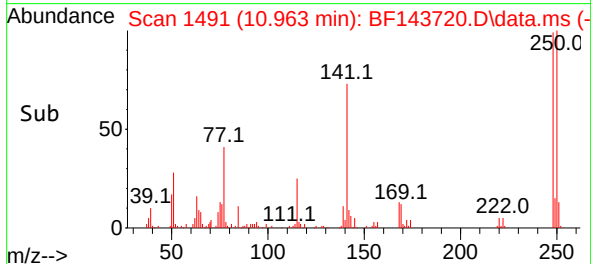
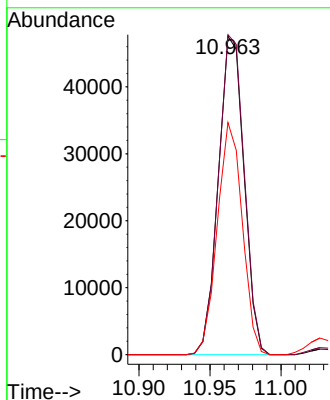
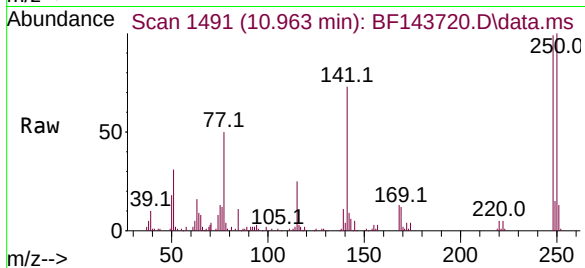
Tgt Ion:248 Resp: 59843

Ion Ratio Lower Upper

248 100

250 100.5 77.5 116.3

141 72.9 52.6 79.0



#68

Hexachlorobenzene

Concen: 47.198 ng

RT: 11.027 min Scan# 1502

Delta R.T. 0.006 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

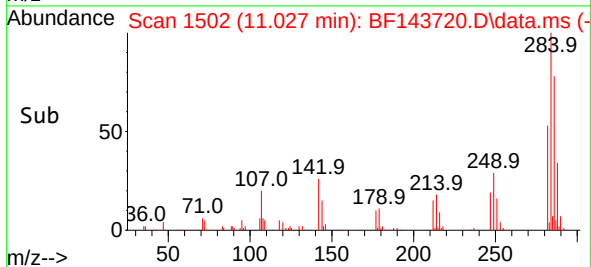
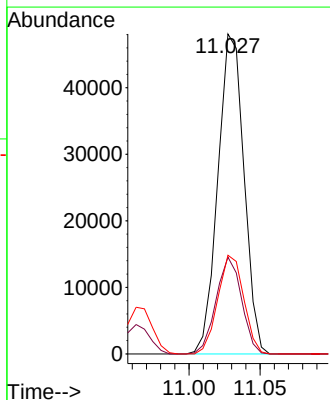
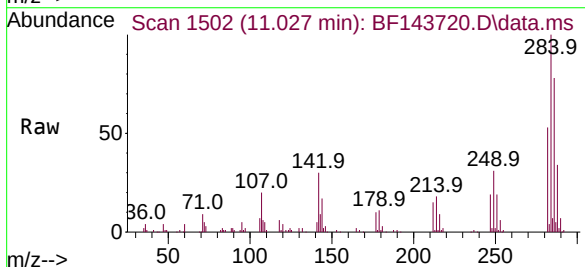
Tgt Ion:284 Resp: 61534

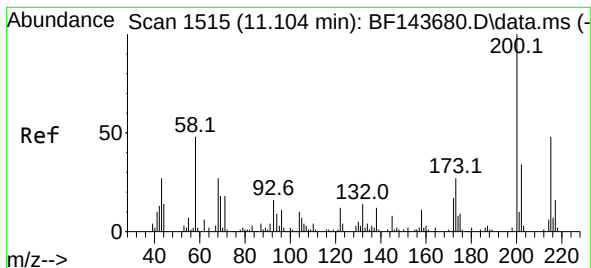
Ion Ratio Lower Upper

284 100

142 30.2 21.3 31.9

249 30.8 25.0 37.4





#69

Atrazine

Concen: 53.576 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

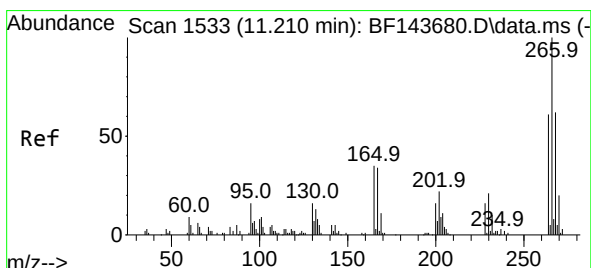
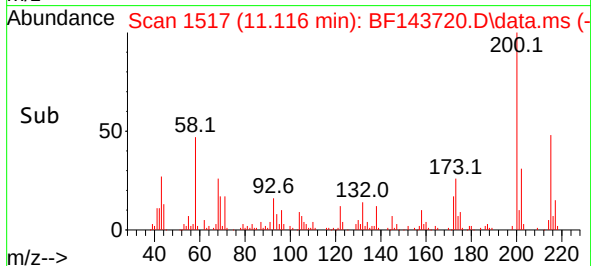
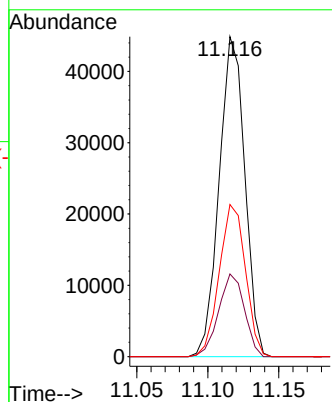
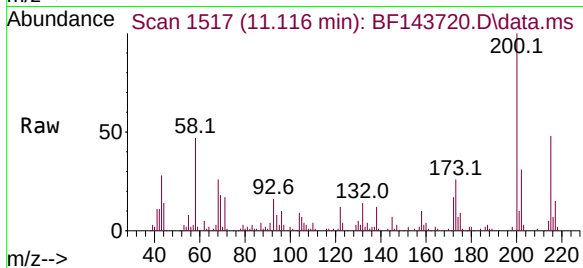
Tgt Ion:200 Resp: 56346

Ion Ratio Lower Upper

200 100

173 25.9 7.3 47.3

215 47.5 28.5 68.5



#70

Pentachlorophenol

Concen: 97.726 ng

RT: 11.221 min Scan# 1535

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

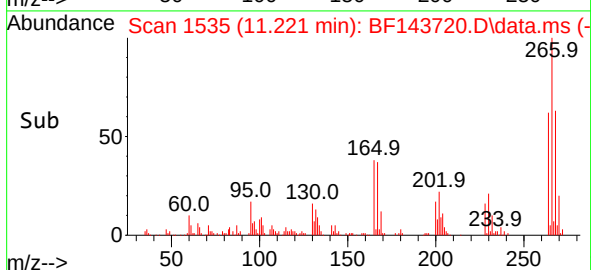
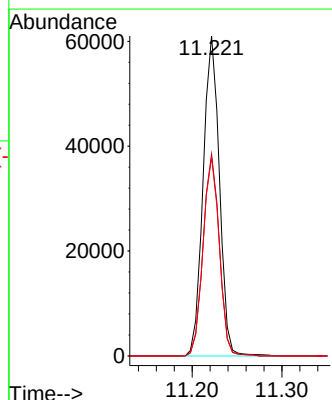
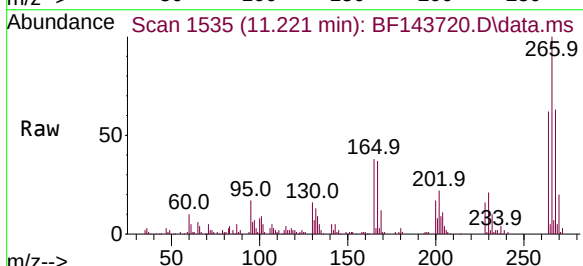
Tgt Ion:266 Resp: 77019

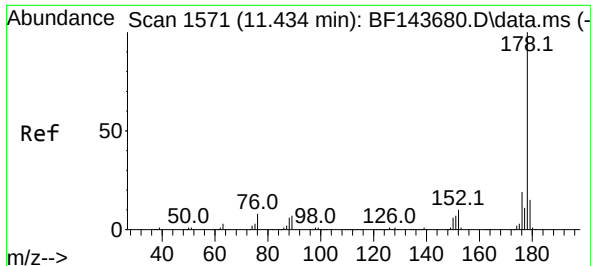
Ion Ratio Lower Upper

266 100

268 63.1 49.2 73.8

264 62.0 48.6 73.0

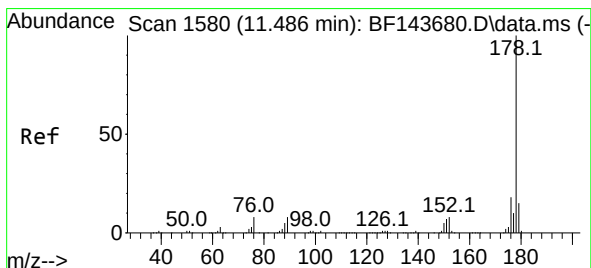
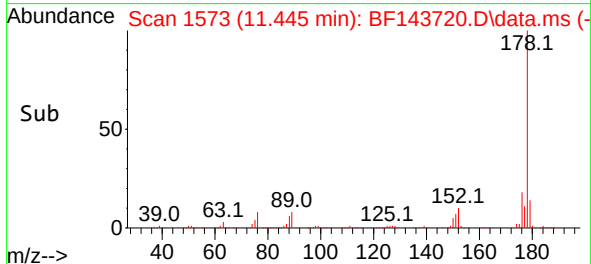
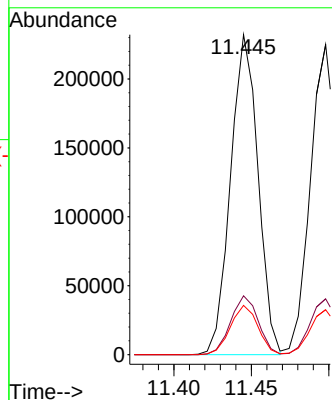
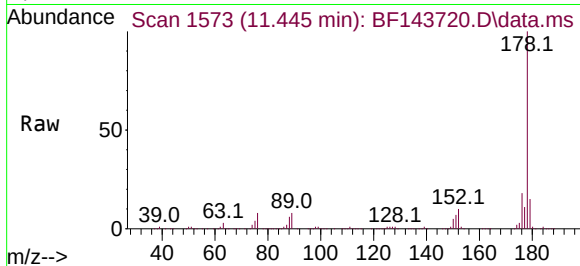




#71
Phenanthrene
Concen: 50.673 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

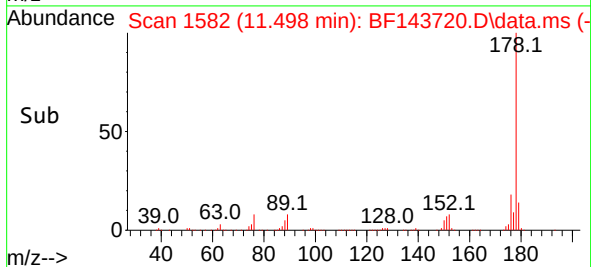
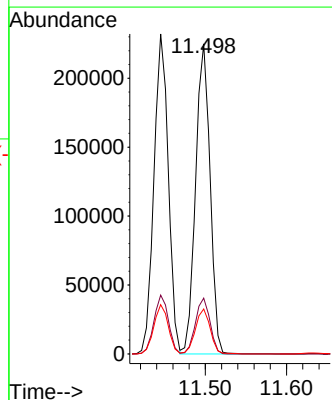
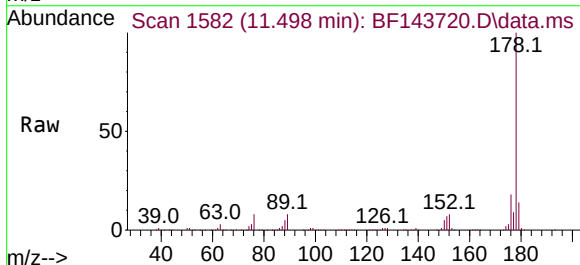
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

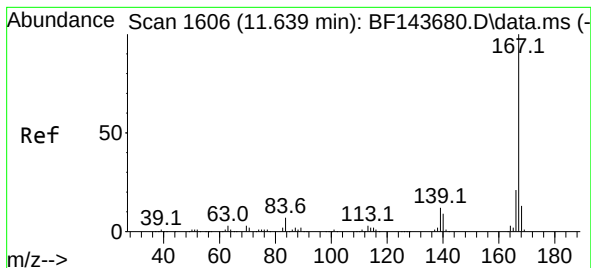
Tgt Ion:178 Resp: 285868
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.2 18.2



#72
Anthracene
Concen: 48.943 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:178 Resp: 277634
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 14.5 12.2 18.2





#73

Carbazole

Concen: 50.521 ng

RT: 11.651 min Scan# 1608

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

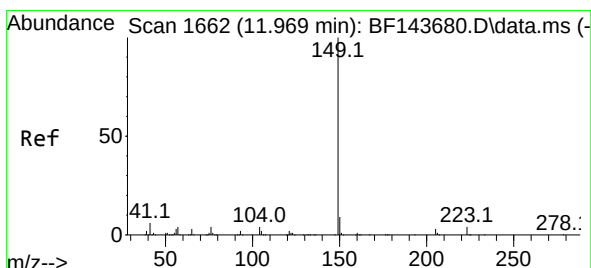
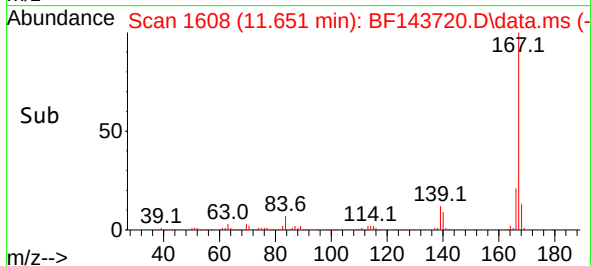
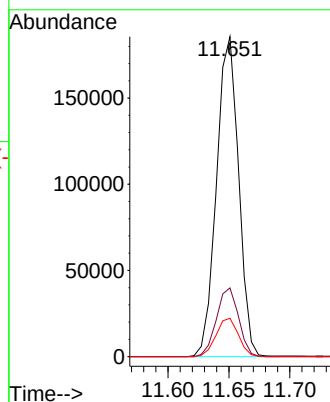
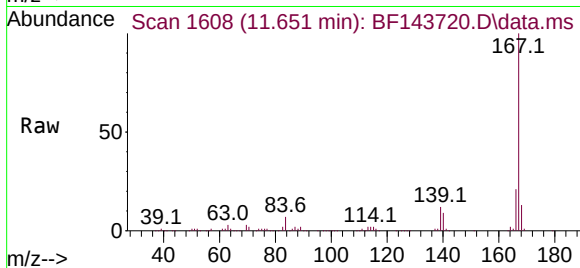
Tgt Ion:167 Resp: 234702

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.0 9.7 14.5



#74

Di-n-butylphthalate

Concen: 52.649 ng

RT: 11.980 min Scan# 1664

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

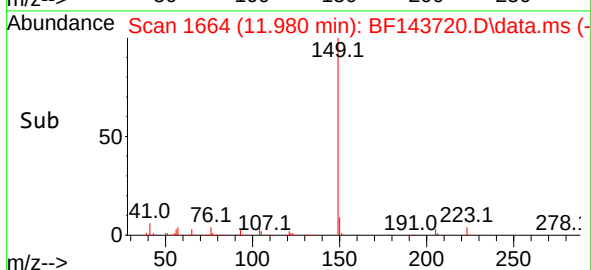
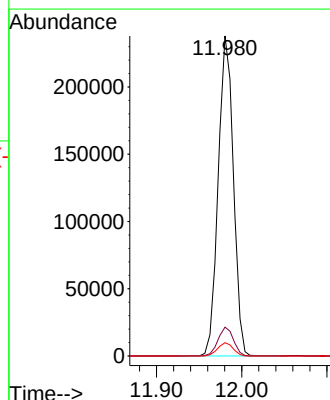
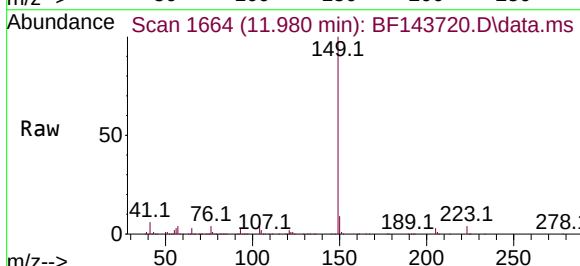
Tgt Ion:149 Resp: 294465

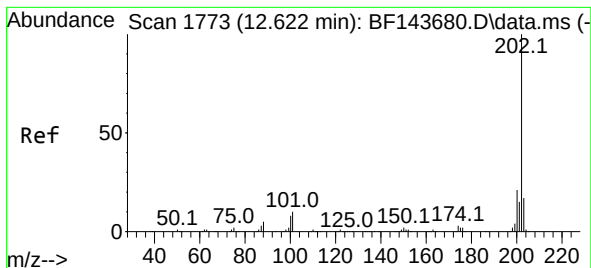
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.1 3.3 4.9





#75

Fluoranthene

Concen: 63.916 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.011 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

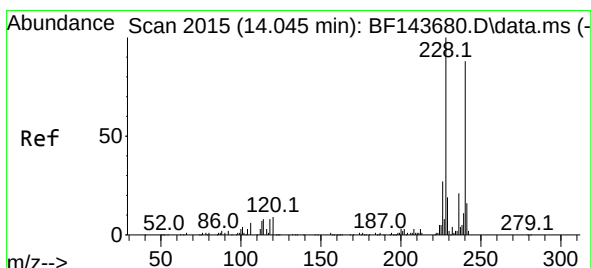
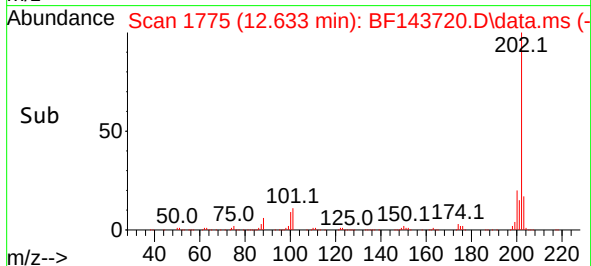
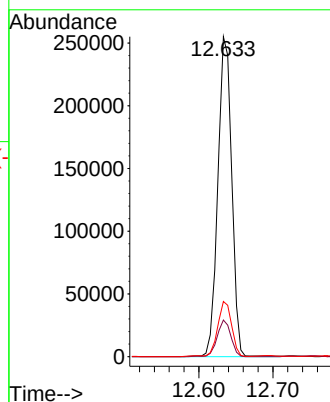
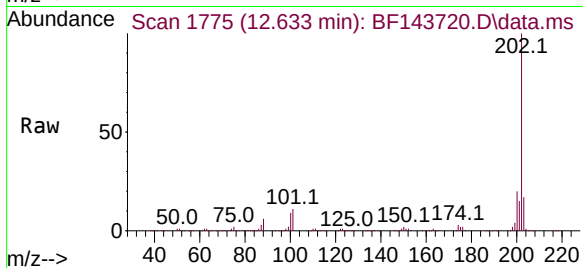
Tgt Ion:202 Resp: 331015

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.5

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. 0.017 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

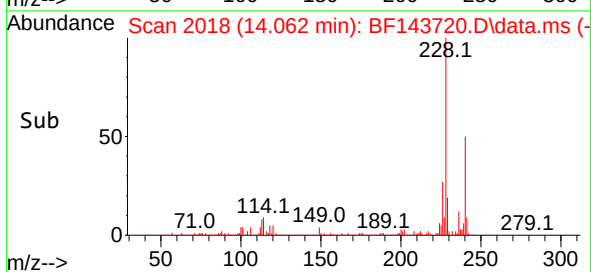
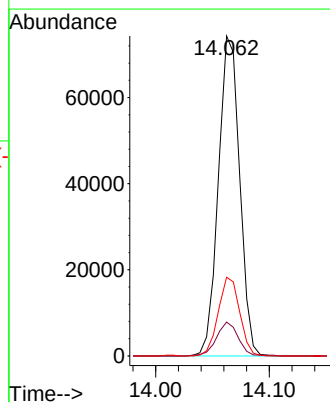
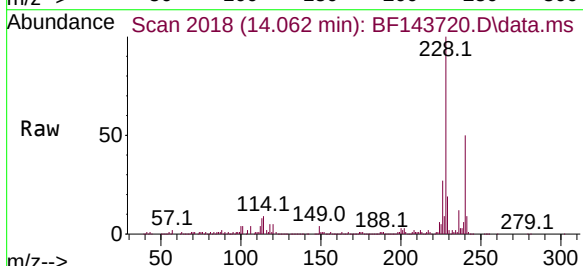
Tgt Ion:240 Resp: 96466

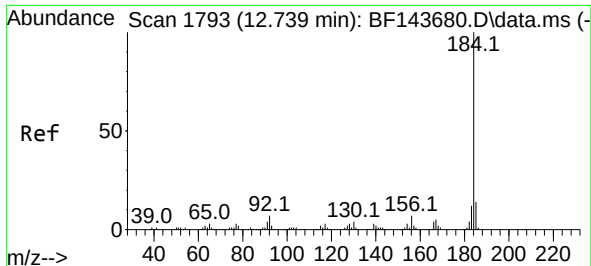
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 24.6 18.6 28.0

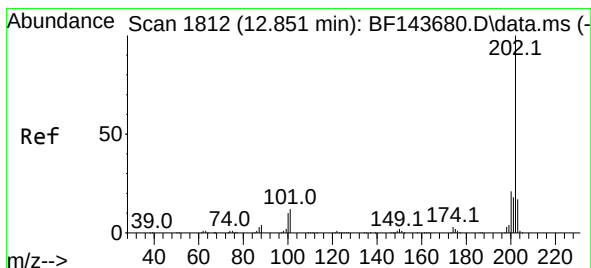
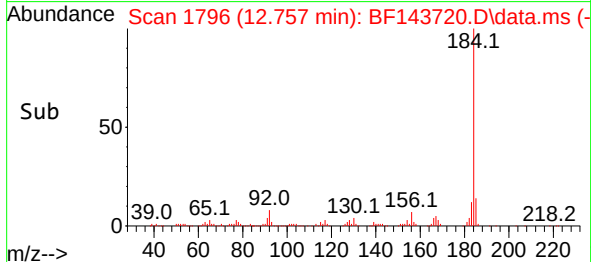
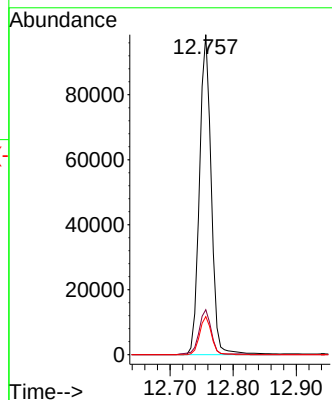
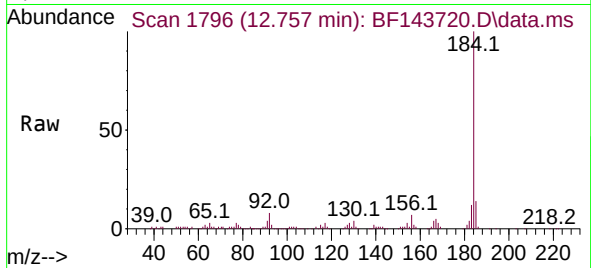




#77
Benzidine
Concen: 40.506 ng
RT: 12.757 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

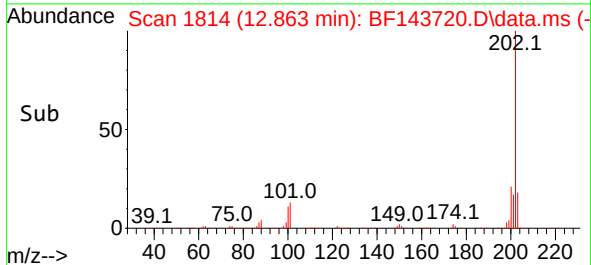
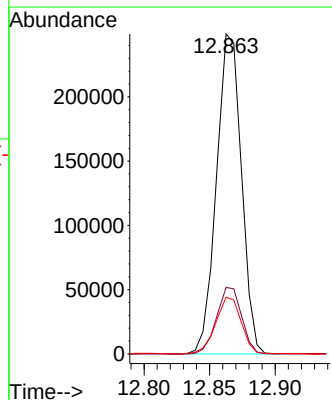
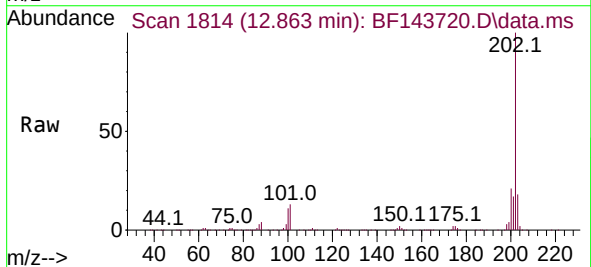
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

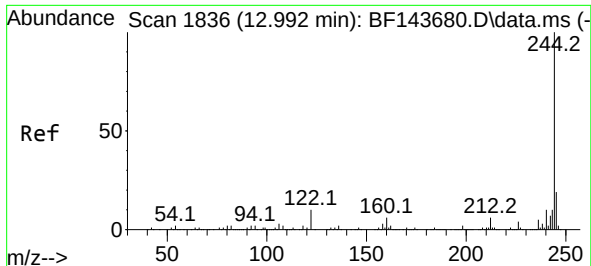
Tgt Ion:184 Resp: 127423
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.9 9.4 14.2



#78
Pyrene
Concen: 42.858 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.011 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:202 Resp: 330560
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.7 13.5 20.3

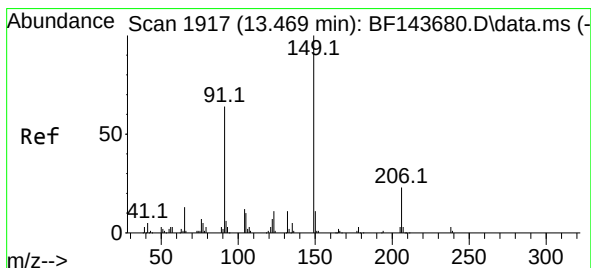
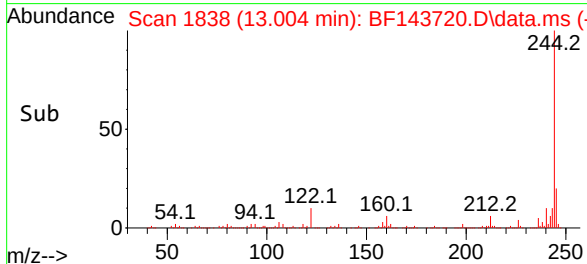
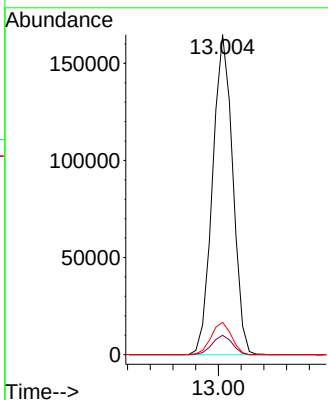
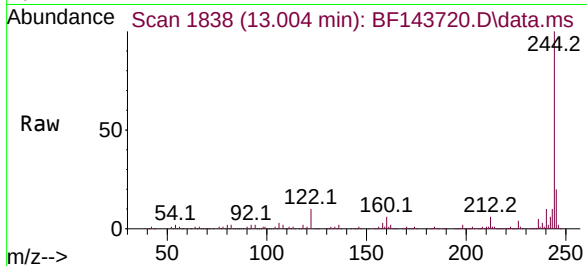




#79
 Terphenyl-d14
 Concen: 34.073 ng
 RT: 13.004 min Scan# 1836
 Delta R.T. 0.012 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

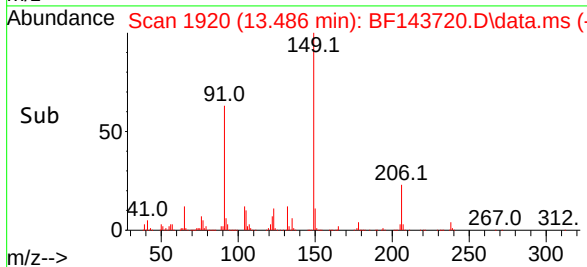
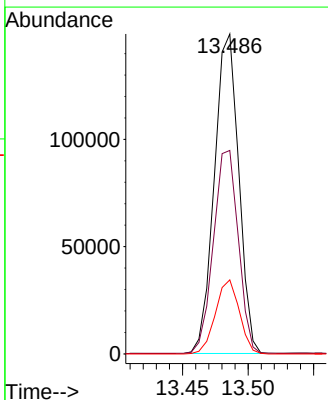
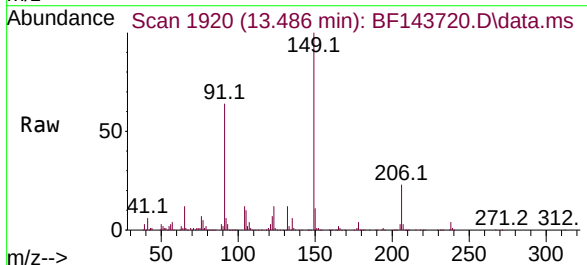
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MS

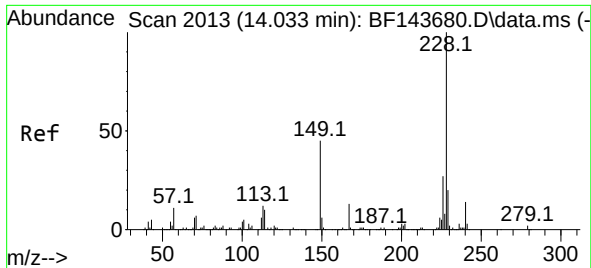
Tgt Ion:244 Resp: 202830
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.6
 122 10.1 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 79.947 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.017 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

Tgt Ion:149 Resp: 193198
 Ion Ratio Lower Upper
 149 100
 91 63.6 50.9 76.3
 206 23.1 18.2 27.2





#81

Benzo(a)anthracene

Concen: 53.637 ng

RT: 14.057 min Scan# 2010

Delta R.T. 0.023 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

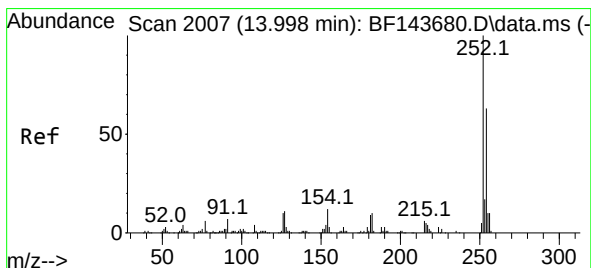
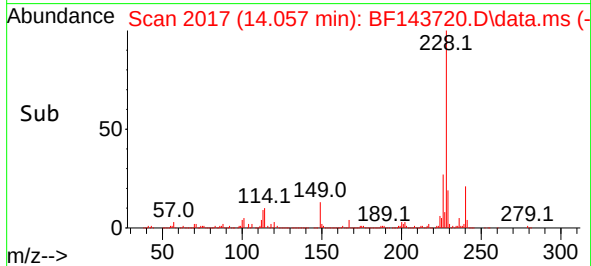
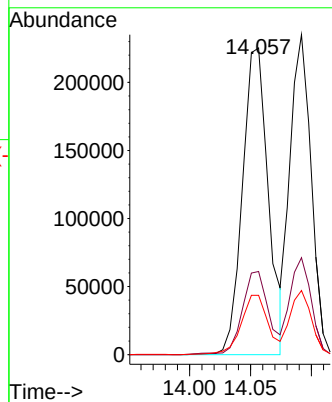
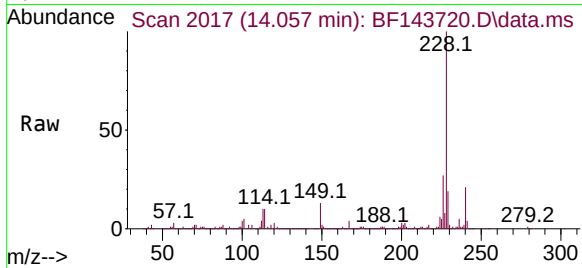
Tgt Ion:228 Resp: 332875

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.166 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.017 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

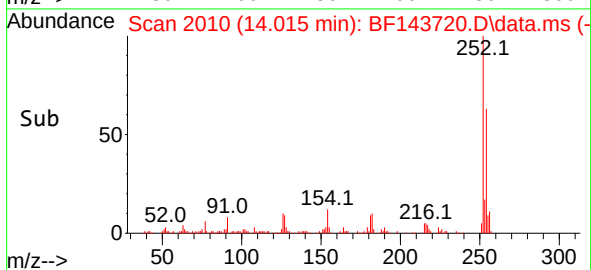
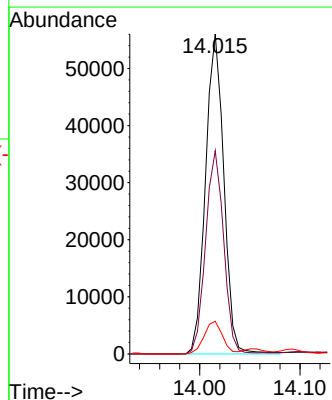
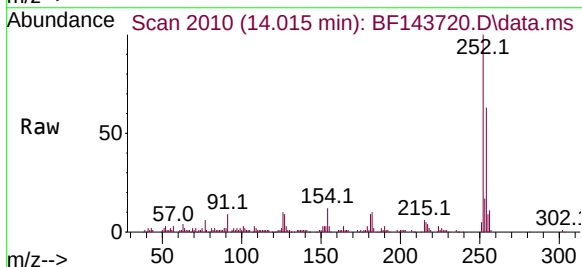
Tgt Ion:252 Resp: 70959

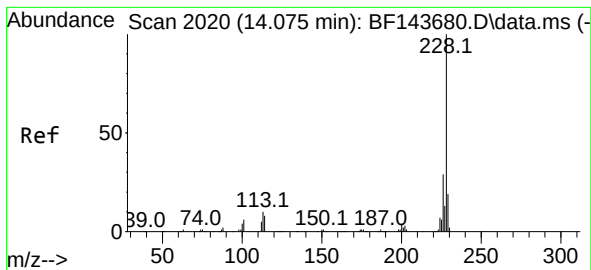
Ion Ratio Lower Upper

252 100

254 63.5 50.5 75.7

126 10.2 8.2 12.4





#83

Chrysene

Concen: 49.722 ng

RT: 14.092 min Scan# 2015

Delta R.T. 0.017 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

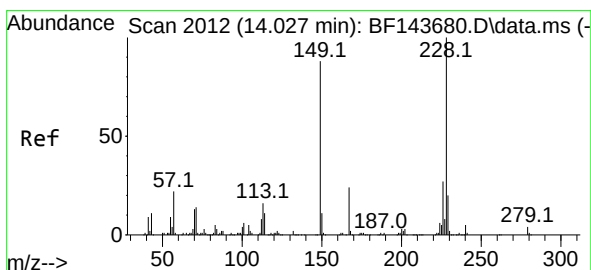
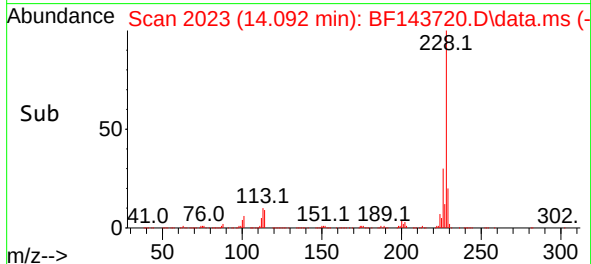
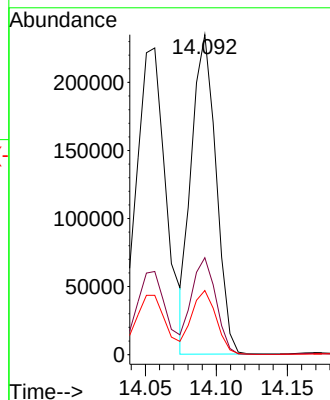
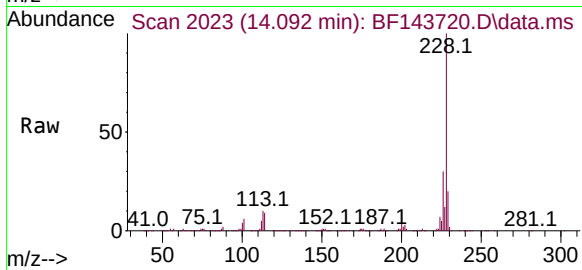
Tgt Ion:228 Resp: 282616

Ion Ratio Lower Upper

228 100

226 30.3 22.7 34.1

229 20.0 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.394 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.017 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

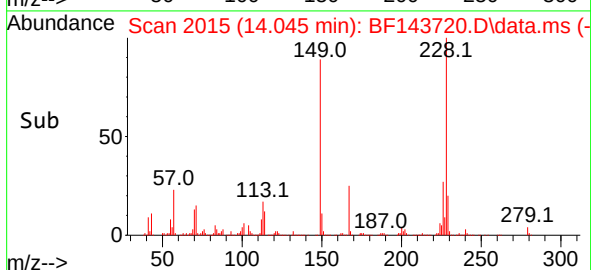
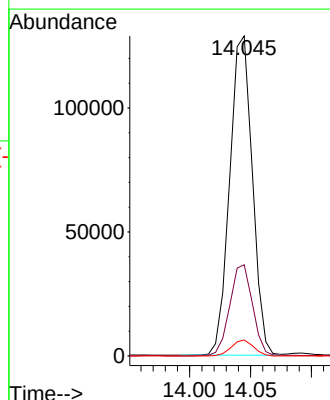
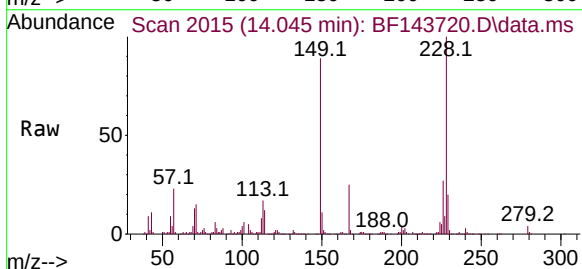
Tgt Ion:149 Resp: 166864

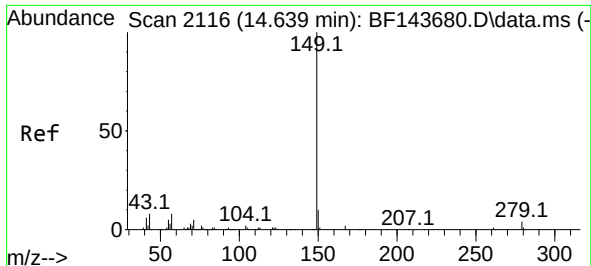
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 5.0 3.5 5.3

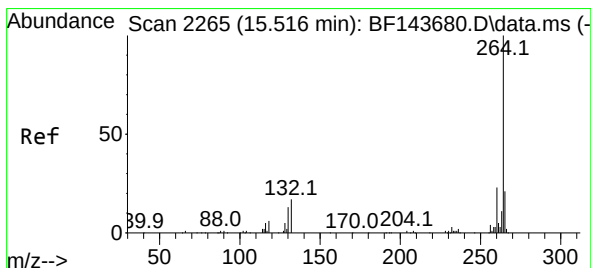
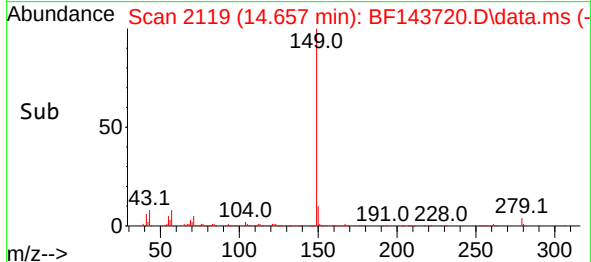
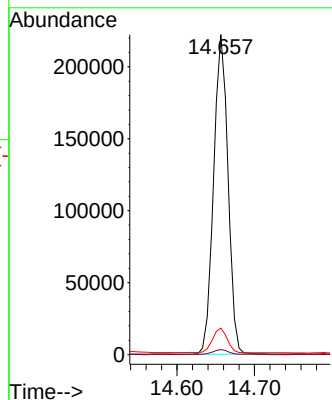
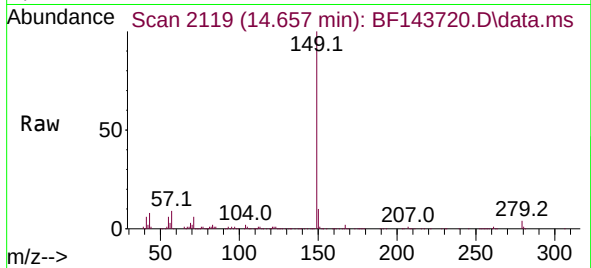




#85
Di-n-octyl phthalate
Concen: 46.384 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

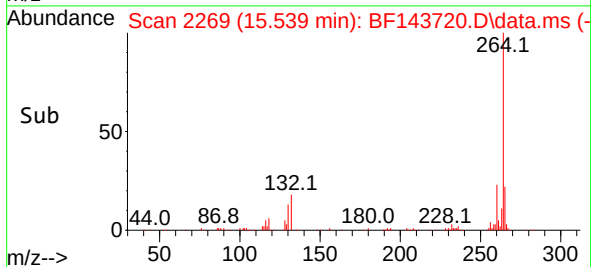
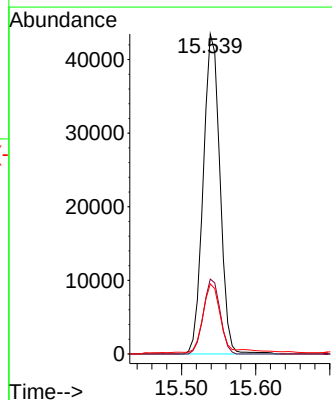
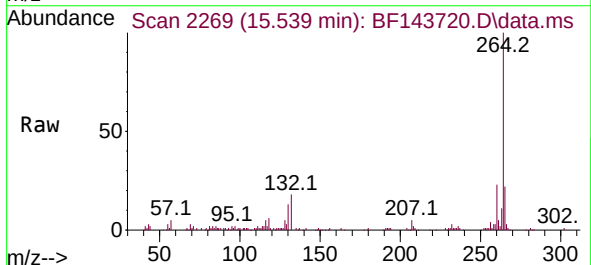
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

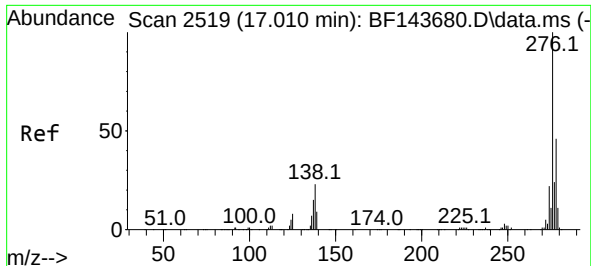
Tgt Ion:149 Resp: 286596
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8#
43 7.8 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:264 Resp: 68250
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.9 17.1 25.7

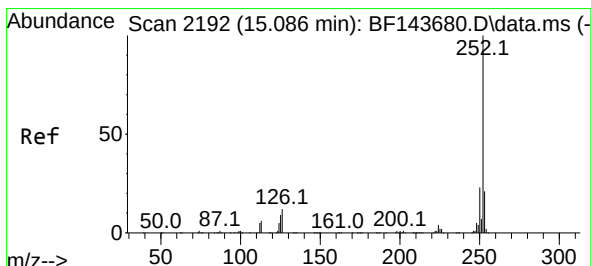
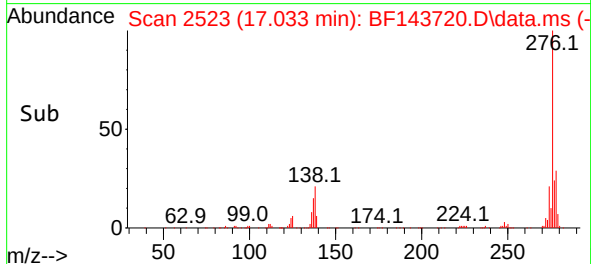
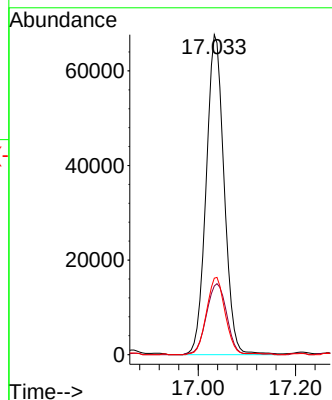
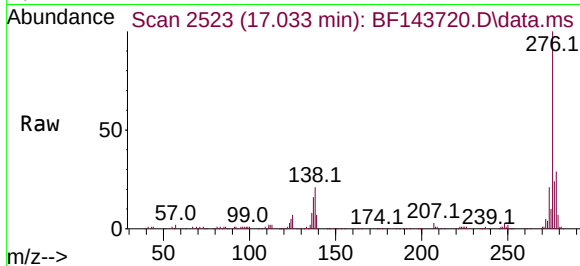




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.233 ng
 RT: 17.033 min Scan# 2196
 Delta R.T. 0.023 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

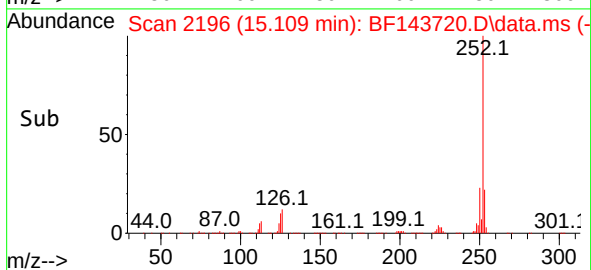
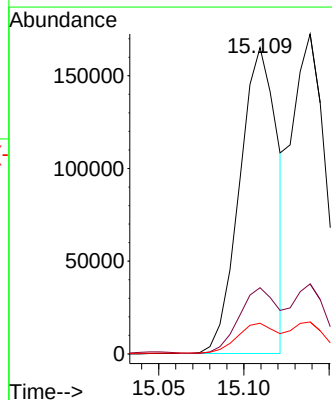
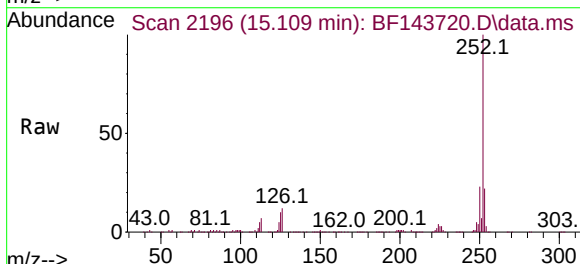
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MS

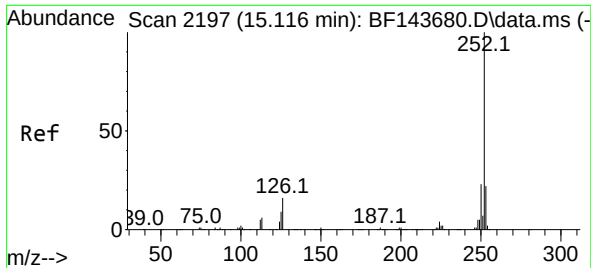
Tgt Ion:276 Resp: 173428
 Ion Ratio Lower Upper
 276 100
 138 25.3 19.7 29.5
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 62.418 ng
 RT: 15.109 min Scan# 2196
 Delta R.T. 0.023 min
 Lab File: BF143720.D
 Acq: 11 Sep 2025 21:54

Tgt Ion:252 Resp: 253590
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.0 25.4
 125 10.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 64.095 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MS

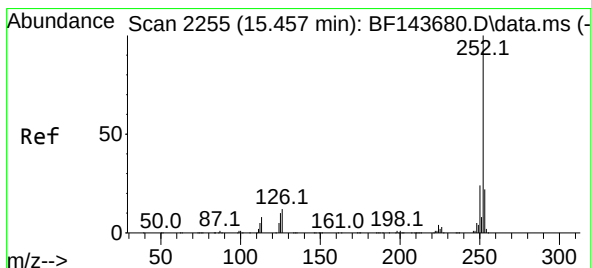
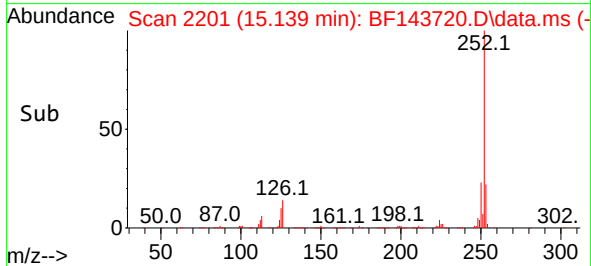
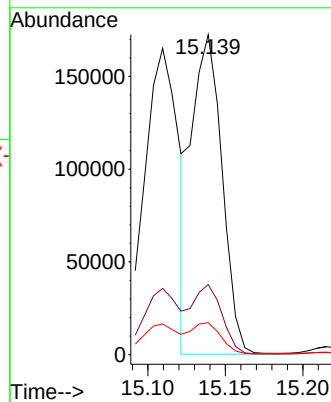
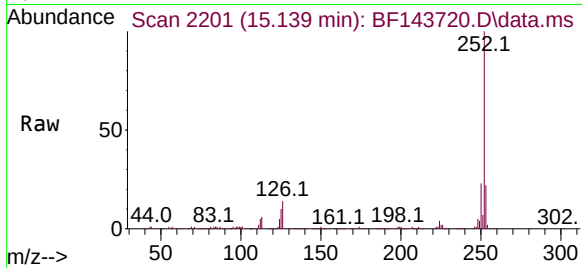
Tgt Ion:252 Resp: 235016

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 55.232 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.023 min

Lab File: BF143720.D

Acq: 11 Sep 2025 21:54

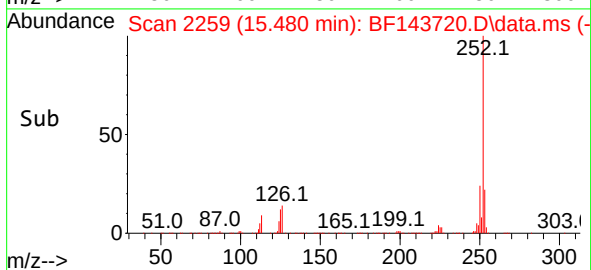
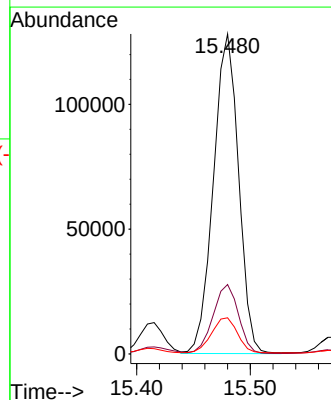
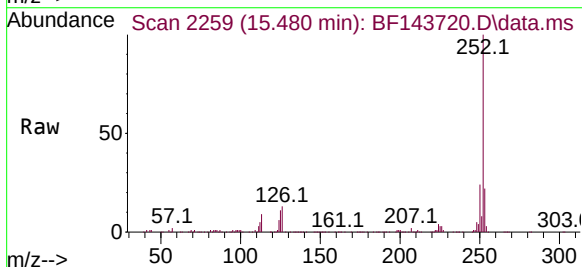
Tgt Ion:252 Resp: 197140

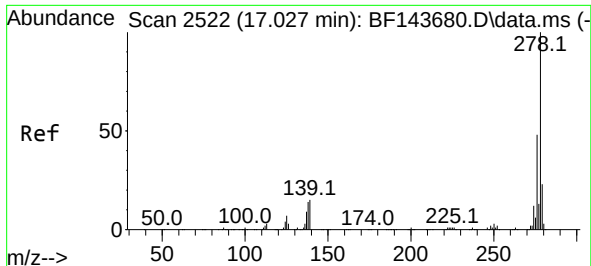
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.3 8.2 12.4

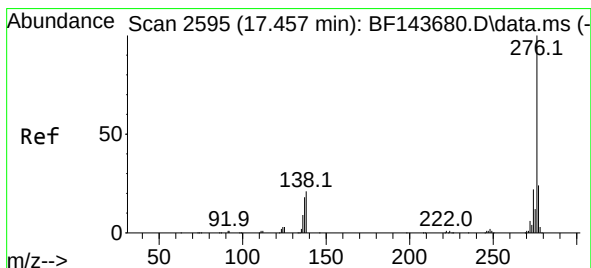
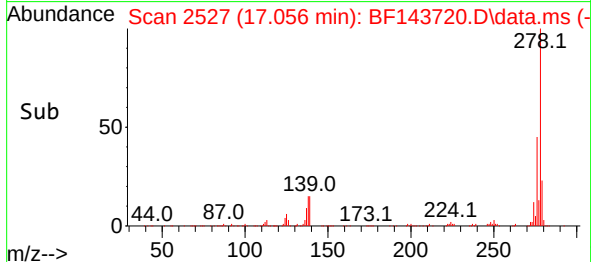
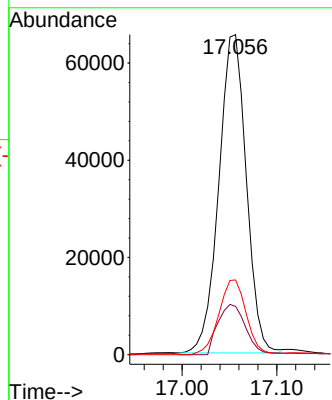
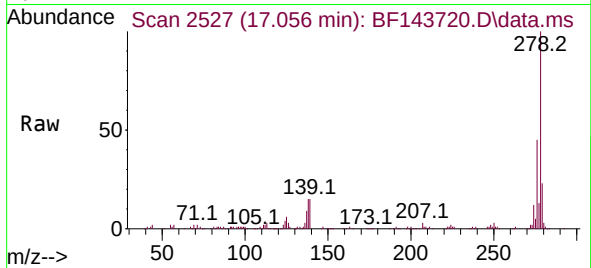




#91
Dibenzo(a,h)anthracene
Concen: 34.122 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

Tgt Ion:278 Resp: 131866
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.3 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 38.291 ng
RT: 17.486 min Scan# 2600
Delta R.T. 0.029 min
Lab File: BF143720.D
Acq: 11 Sep 2025 21:54

Tgt Ion:276 Resp: 138412
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 21.4 17.0 25.4

