

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143721.D
 Acq On : 11 Sep 2025 22:24
 Operator : RC/JU
 Sample : Q3075-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 12 04:42:05 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	6.898	152	37764	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	139795	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	71761	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	100501	20.000	ng	0.01
76) Chrysene-d12	14.062	240	93042	20.000	ng	0.02
86) Perylene-d12	15.539	264	63866	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	167616	75.727	ng	0.01
7) Phenol-d6	6.516	99	207480	76.985	ng	0.01
23) Nitrobenzene-d5	7.457	82	124107	55.220	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	49373	68.271	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	239531	50.423	ng	0.00
79) Terphenyl-d14	13.004	244	223612	38.947	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	41434	41.965	ng	99
3) Pyridine	3.481	79	109083	42.769	ng	100
4) n-Nitrosodimethylamine	3.434	42	48902	50.475	ng	99
6) Aniline	6.557	93	126264	35.373	ng	98
8) 2-Chlorophenol	6.675	128	119473	49.977	ng	98
9) Benzaldehyde	6.445	77	78201	35.964	ng	99
10) Phenol	6.528	94	153182	51.419	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	110094	49.481	ng	98
12) 1,3-Dichlorobenzene	6.834	146	136685	49.994	ng	99
13) 1,4-Dichlorobenzene	6.916	146	137234	49.731	ng	100
14) 1,2-Dichlorobenzene	7.063	146	130412	50.044	ng	99
15) Benzyl Alcohol	7.034	79	103057	52.569	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	135348	46.497	ng	99
17) 2-Methylphenol	7.139	107	96667	50.268	ng	99
18) Hexachloroethane	7.410	117	42183	47.321	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	80920	48.888	ng	99
20) 3+4-Methylphenols	7.292	107	129346	51.077	ng	95
22) Acetophenone	7.304	105	184633	58.478	ng	98
24) Nitrobenzene	7.475	77	117870	50.580	ng	97
25) Isophorone	7.716	82	220264	51.109	ng	99
26) 2-Nitrophenol	7.792	139	63991	55.849	ng	97
27) 2,4-Dimethylphenol	7.822	122	113839	55.344	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	134614	50.827	ng	99
29) 2,4-Dichlorophenol	8.028	162	103387	49.967	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	112603	52.530	ng	100
31) Naphthalene	8.198	128	347213	50.173	ng	99
32) Benzoic acid	7.933	122	73159	58.298	ng	98
33) 4-Chloroaniline	8.245	127	51069	21.198	ng	98
34) Hexachlorobutadiene	8.316	225	68744	49.167	ng	99
35) Caprolactam	8.616	113	29444	53.466	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	100605	49.312	ng	97
37) 2-Methylnaphthalene	8.892	142	210401	44.415	ng	100
38) 1-Methylnaphthalene	8.992	142	216401	47.600	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	121088	58.941	ng	100
41) Hexachlorocyclopentadiene	9.045	237	72002	68.266	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	74557	54.349	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143721.D
 Acq On : 11 Sep 2025 22:24
 Operator : RC/JU
 Sample : Q3075-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

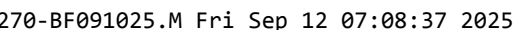
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MSD

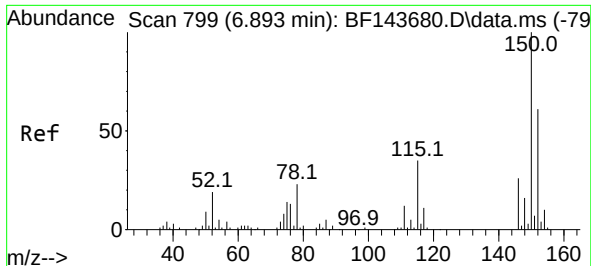
Quant Time: Sep 12 04:42:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	75151	53.887	ng	99
46) 1,1'-Biphenyl	9.357	154	310534	60.108	ng	99
47) 2-Chloronaphthalene	9.380	162	213366	52.682	ng	100
48) 2-Nitroaniline	9.469	65	58964	55.014	ng	97
49) Acenaphthylene	9.798	152	344799	59.432	ng	99
50) Dimethylphthalate	9.651	163	256454	54.927	ng	99
51) 2,6-Dinitrotoluene	9.716	165	51993	58.242	ng	93
52) Acenaphthene	9.969	154	205033	51.287	ng	99
53) 3-Nitroaniline	9.880	138	35327	36.773	ng	100
54) 2,4-Dinitrophenol	9.986	184	28365	60.527	ng	# 63
55) Dibenzofuran	10.139	168	290305	50.500	ng	99
56) 4-Nitrophenol	10.033	139	76288	99.815	ng	98
57) 2,4-Dinitrotoluene	10.116	165	66727	54.921	ng	98
58) Fluorene	10.480	166	227397	50.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	57091	50.486	ng	99
60) Diethylphthalate	10.357	149	233466	53.262	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	113411	49.694	ng	99
62) 4-Nitroaniline	10.492	138	42209	46.389	ng	100
63) Azobenzene	10.633	77	203216	52.441	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	23462	45.852	ng	94
66) n-Nitrosodiphenylamine	10.592	169	189176	57.458	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	65137	53.746	ng	96
68) Hexachlorobenzene	11.027	284	66747	52.158	ng	95
69) Atrazine	11.116	200	61598	59.670	ng	99
70) Pentachlorophenol	11.222	266	86305	111.565	ng	99
71) Phenanthrene	11.445	178	315136	56.910	ng	99
72) Anthracene	11.498	178	300906	54.042	ng	99
73) Carbazole	11.651	167	256507	56.252	ng	100
74) Di-n-butylphthalate	11.980	149	316514	57.654	ng	100
75) Fluoranthene	12.633	202	367831	72.359	ng	99
77) Benzidine	12.757	184	128211	42.257	ng	100
78) Pyrene	12.868	202	369628	49.687	ng	99
80) Butylbenzylphthalate	13.486	149	209866	90.040	ng	99
81) Benzo(a)anthracene	14.057	228	368106	61.497	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	85601	46.485	ng	98
83) Chrysene	14.092	228	311340	56.791	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	184658	55.526	ng	98
85) Di-n-octyl phthalate	14.657	149	318054	53.369	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.039	276	187792	43.084	ng	99
88) Benzo(b)fluoranthene	15.109	252	302163	79.478	ng	98
89) Benzo(k)fluoranthene	15.139	252	220872	64.372	ng	100
90) Benzo(a)pyrene	15.480	252	210590	63.051	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	143508	39.684	ng	98
92) Benzo(g,h,i)perylene	17.492	276	149837	44.297	ng	99

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

Quant Time: Sep 12 04:42:05 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

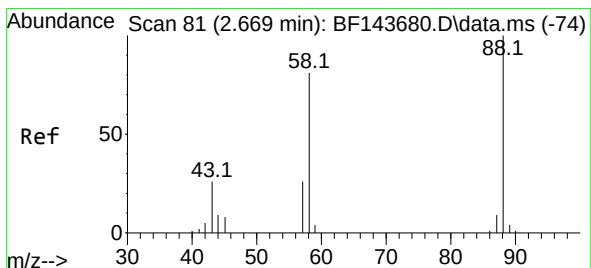
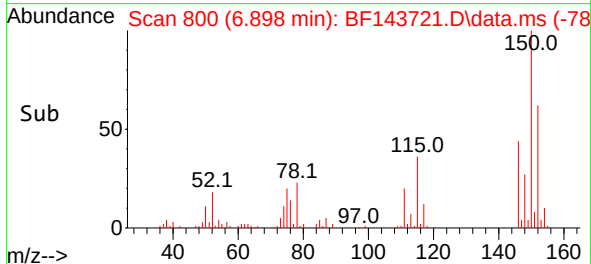
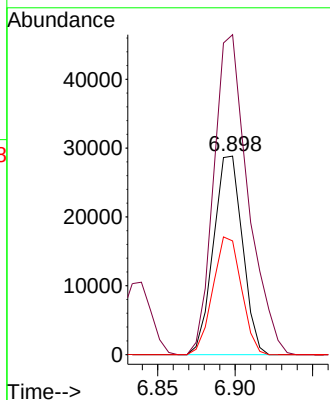
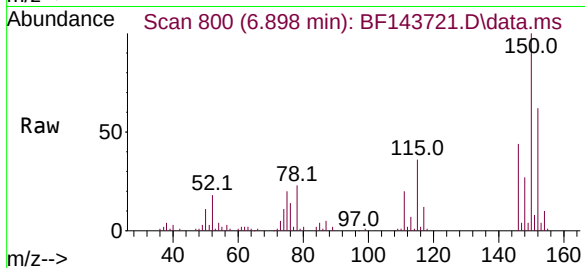




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF143721.D
 Acq: 11 Sep 2025 22:24

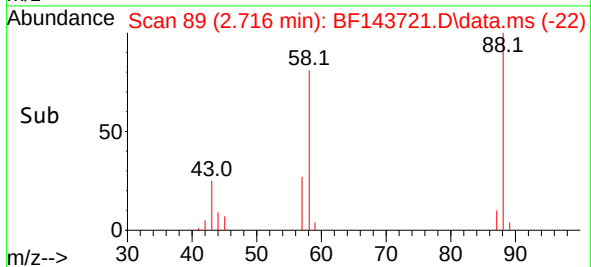
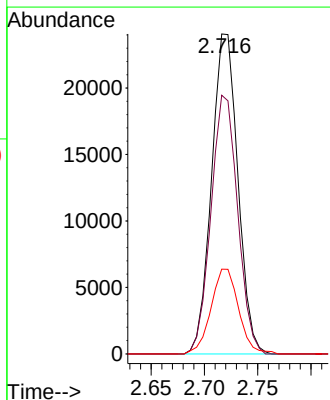
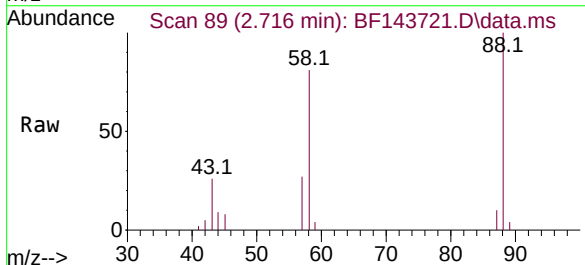
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MSD

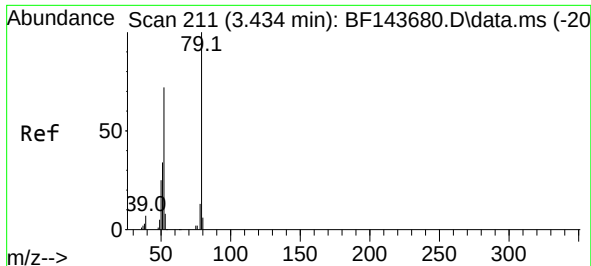
Tgt Ion:152 Resp: 37764
 Ion Ratio Lower Upper
 152 100
 150 161.2 130.7 196.1
 115 57.3 45.9 68.9



#2
 1,4-Dioxane
 Concen: 41.965 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.047 min
 Lab File: BF143721.D
 Acq: 11 Sep 2025 22:24

Tgt Ion: 88 Resp: 41434
 Ion Ratio Lower Upper
 88 100
 58 81.8 65.8 98.6
 43 27.8 20.6 31.0

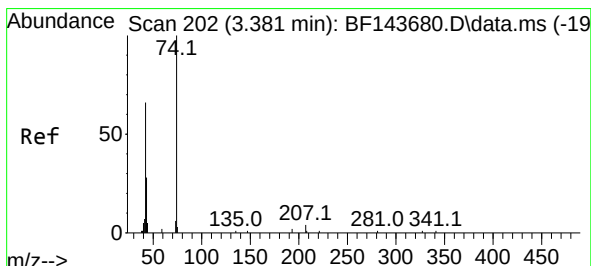
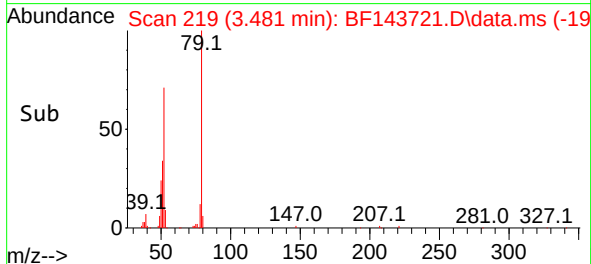
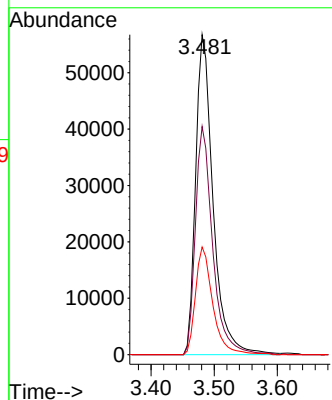
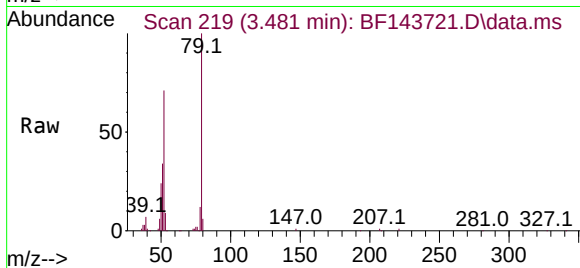




#3
Pyridine
Concen: 42.769 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

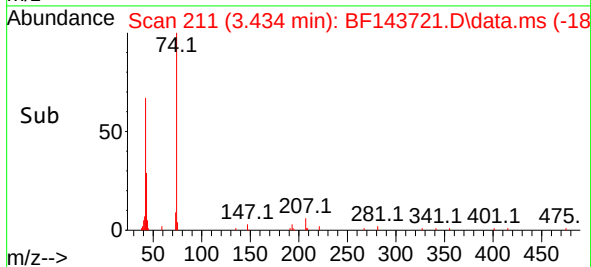
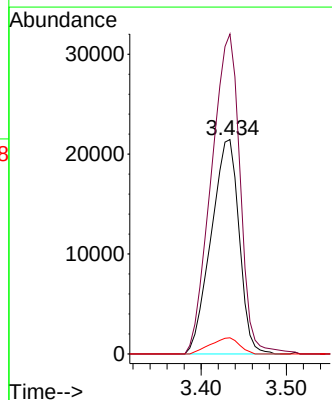
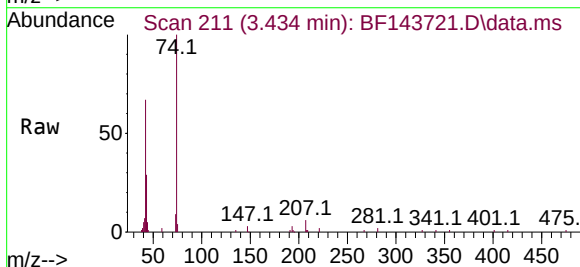
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

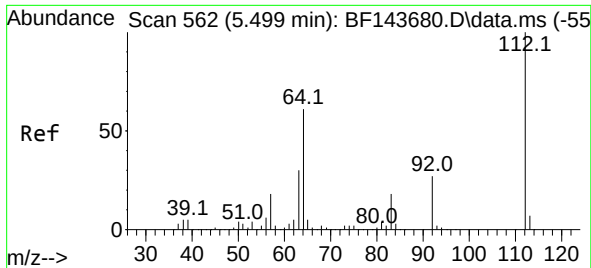
Tgt Ion: 79 Resp: 109083
Ion Ratio Lower Upper
79 100
52 71.3 57.2 85.8
51 33.6 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 50.475 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion: 42 Resp: 48902
Ion Ratio Lower Upper
42 100
74 149.3 120.9 181.3
44 7.5 6.5 9.7

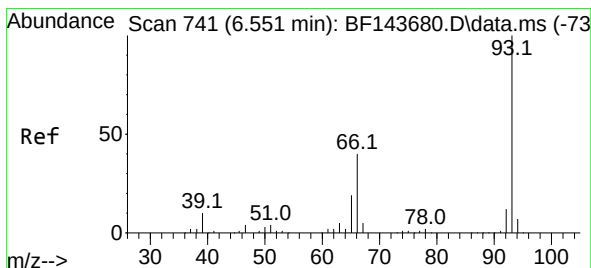
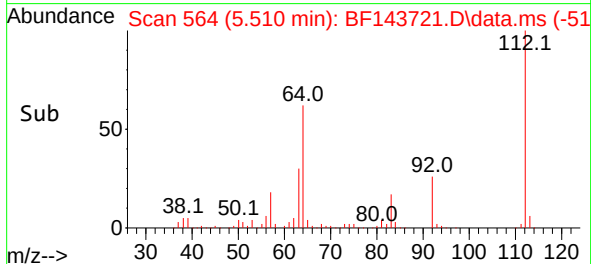
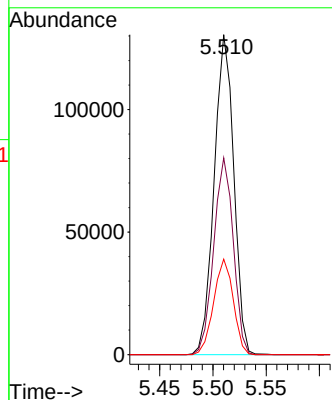
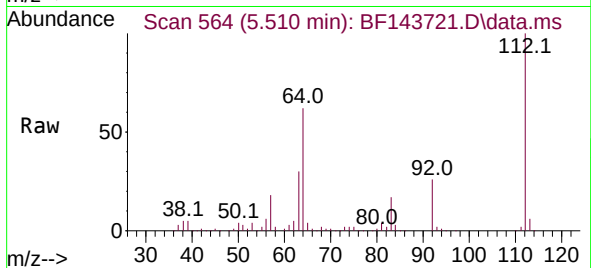




#5
2-Fluorophenol
Concen: 75.727 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

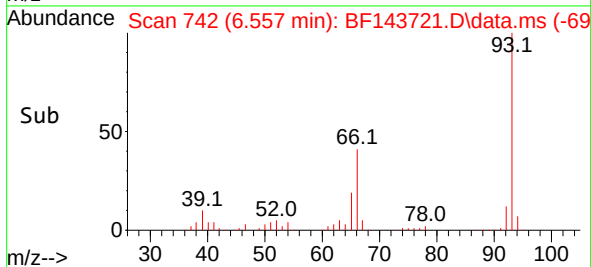
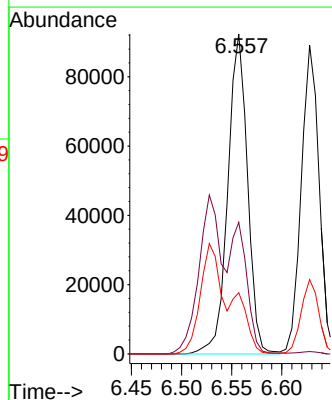
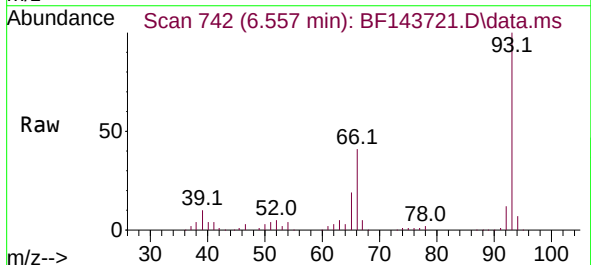
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

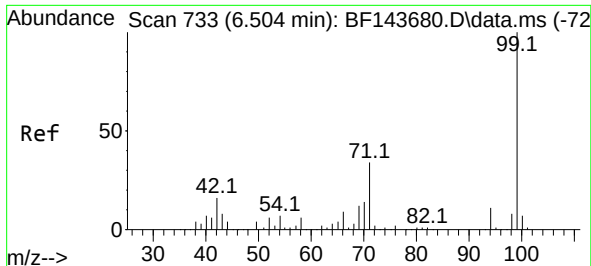
Tgt Ion:112 Resp: 167616
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.4
63 29.8 24.3 36.5



#6
Aniline
Concen: 35.373 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion: 93 Resp: 126264
Ion Ratio Lower Upper
93 100
66 41.1 34.1 51.1
65 19.1 16.1 24.1

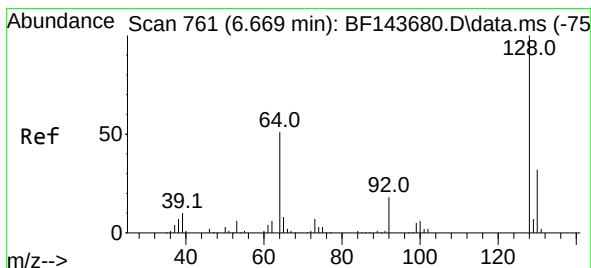
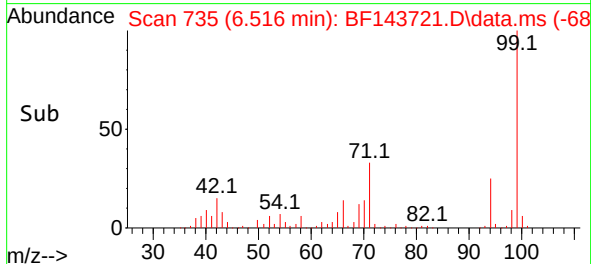
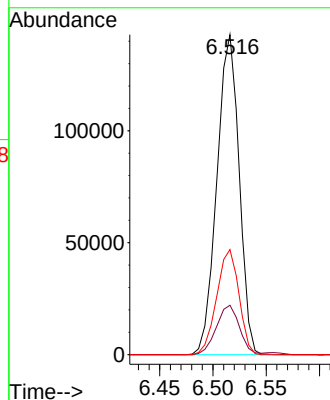
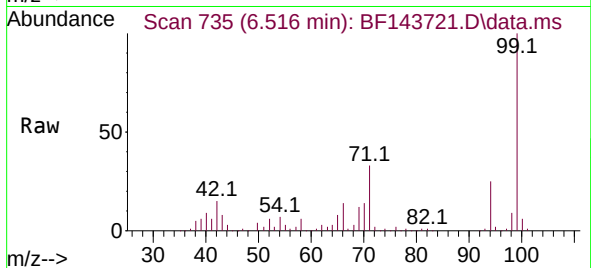




#7
Phenol-d6
Concen: 76.985 ng
RT: 6.516 min Scan# 734
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

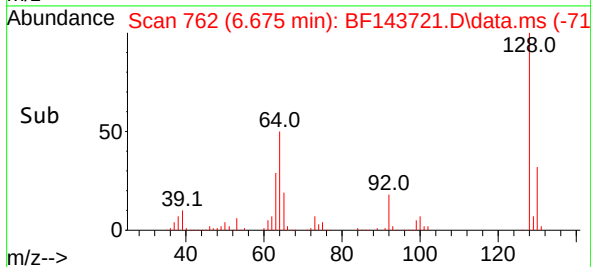
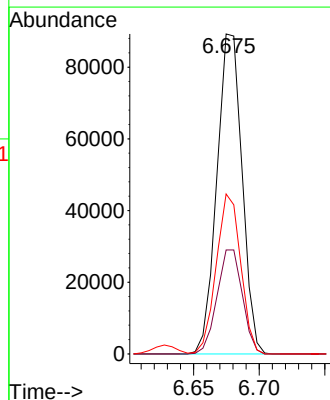
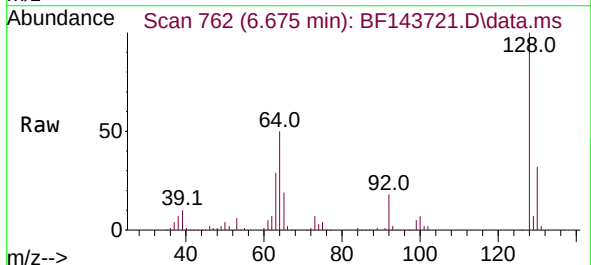
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

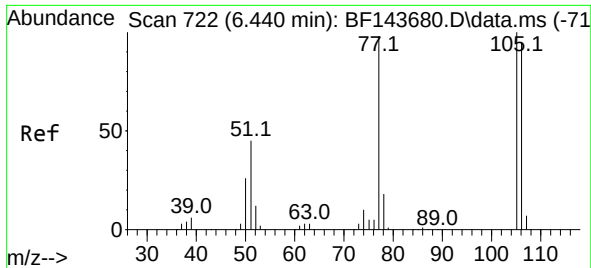
Tgt Ion: 99 Resp: 207480
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 32.8 27.4 41.2



#8
2-Chlorophenol
Concen: 49.977 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:128 Resp: 119473
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 50.0 31.9 71.9





#9

Benzaldehyde

Concen: 35.964 ng

RT: 6.445 min Scan# 721

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

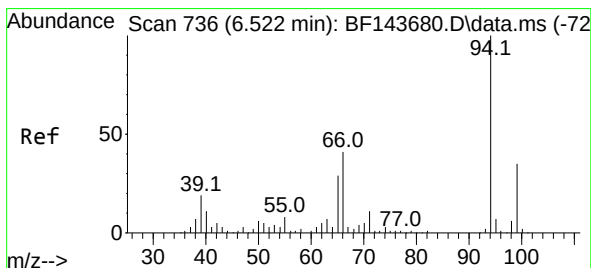
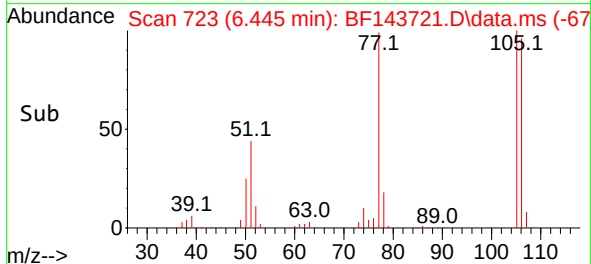
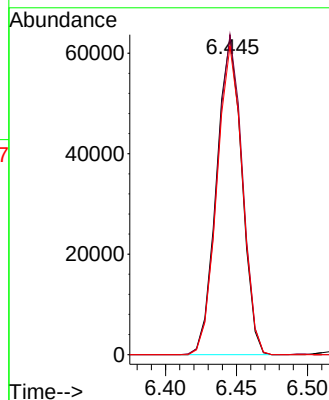
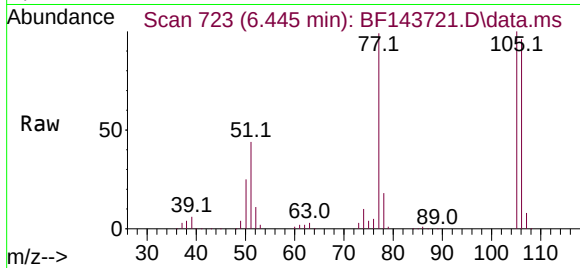
Tgt Ion: 77 Resp: 78201

Ion Ratio Lower Upper

77 100

105 100.7 81.7 121.7

106 97.1 76.9 116.9



#10

Phenol

Concen: 51.419 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

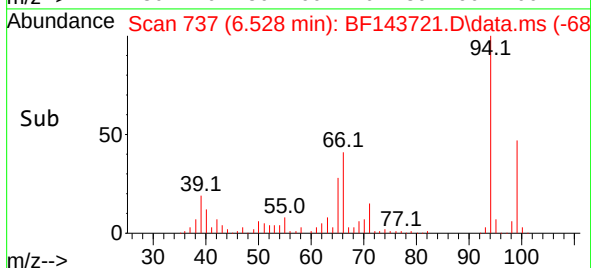
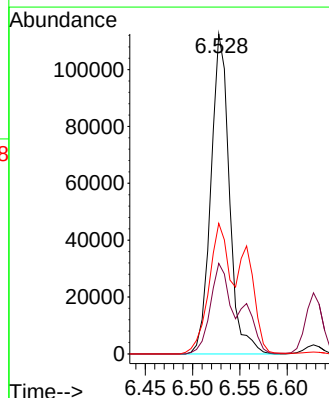
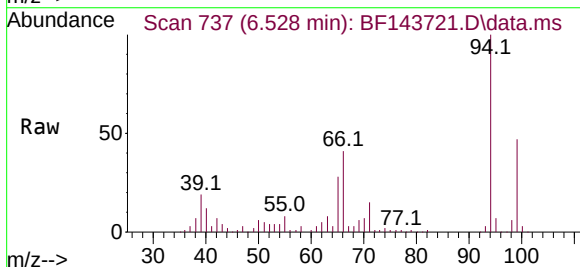
Tgt Ion: 94 Resp: 153182

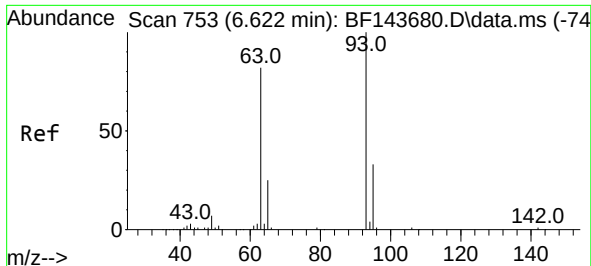
Ion Ratio Lower Upper

94 100

65 28.3 9.1 49.1

66 40.8 20.8 60.8

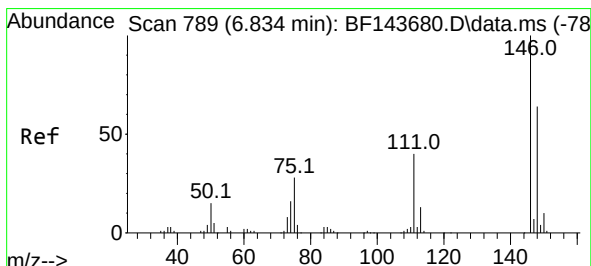
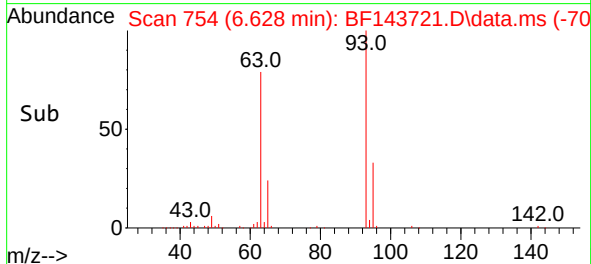
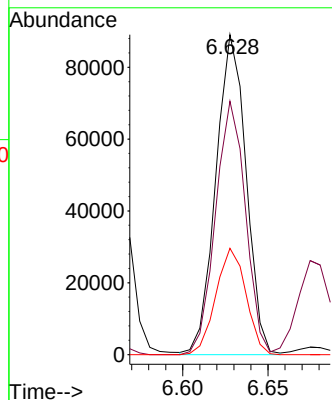
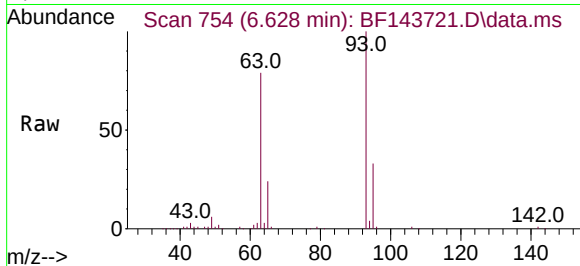




#11
bis(2-Chloroethyl)ether
Concen: 49.481 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

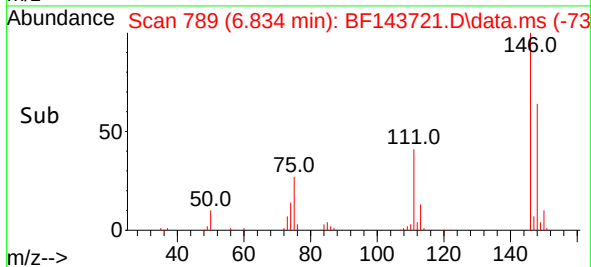
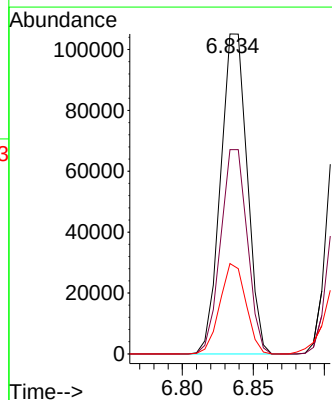
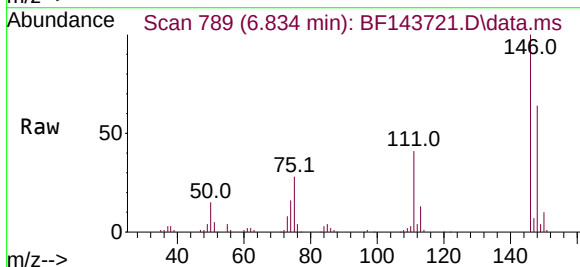
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

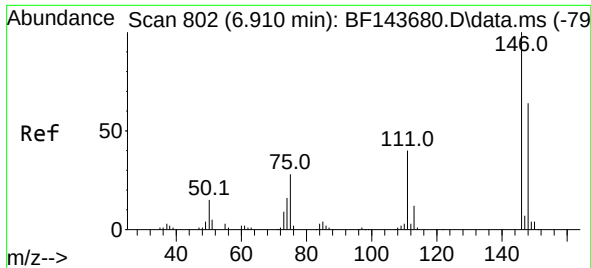
Tgt Ion: 93 Resp: 110094
Ion Ratio Lower Upper
93 100
63 79.2 61.8 101.8
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.994 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:146 Resp: 136685
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 28.2 22.0 33.0

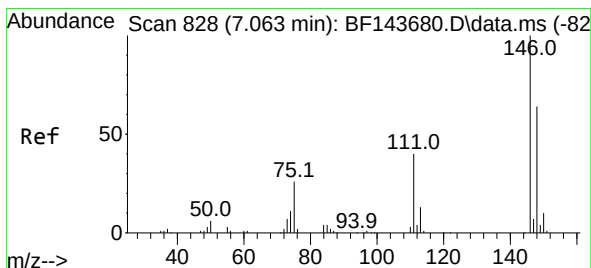
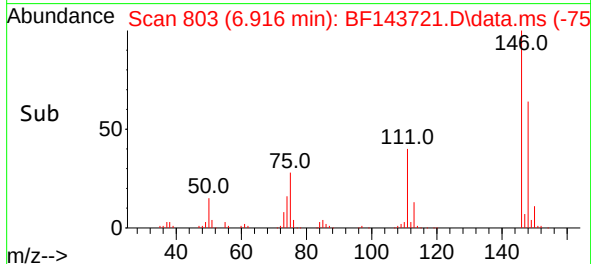
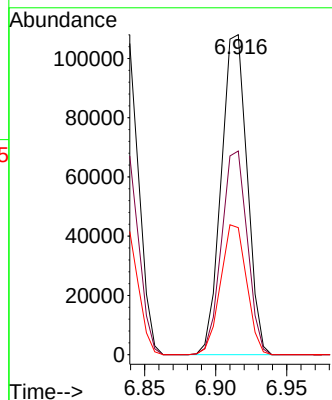
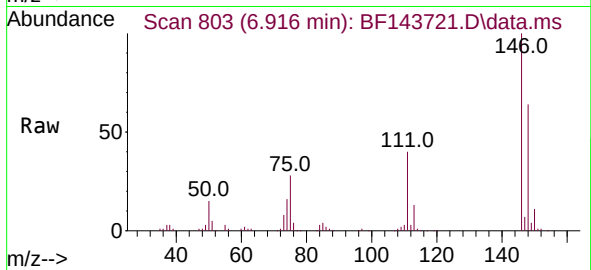




#13
1,4-Dichlorobenzene
Concen: 49.731 ng
RT: 6.916 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

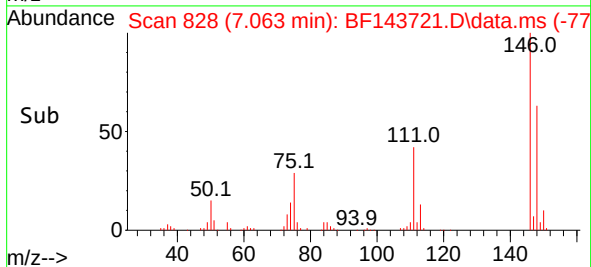
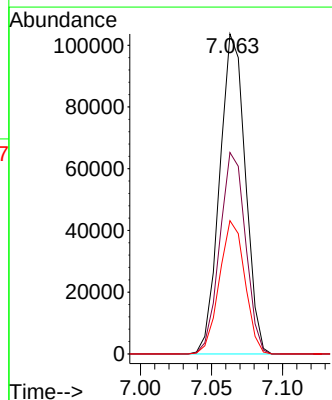
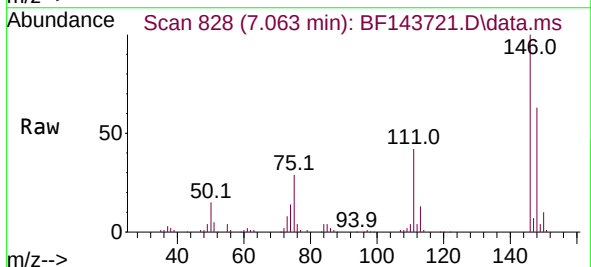
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

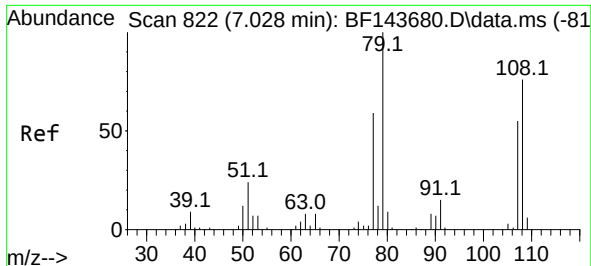
Tgt Ion:146 Resp: 137234
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 39.7 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 50.044 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:146 Resp: 130412
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
111 41.6 32.3 48.5

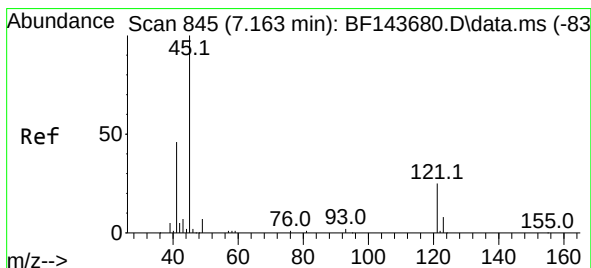
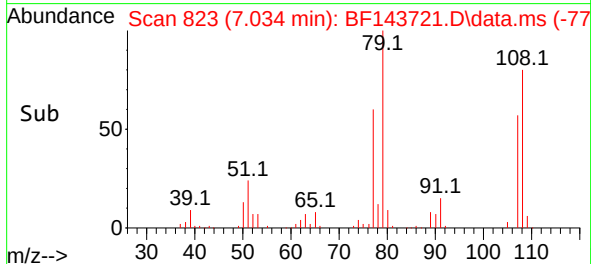
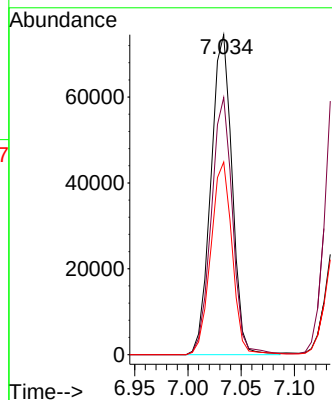
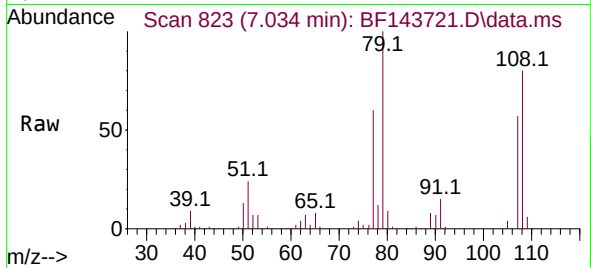




#15
Benzyl Alcohol
Concen: 52.569 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

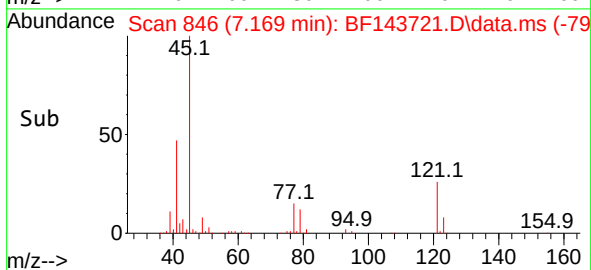
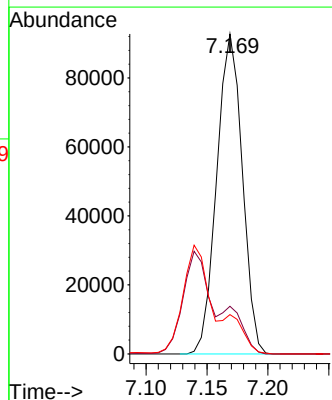
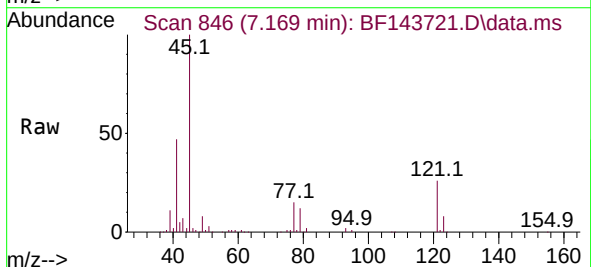
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

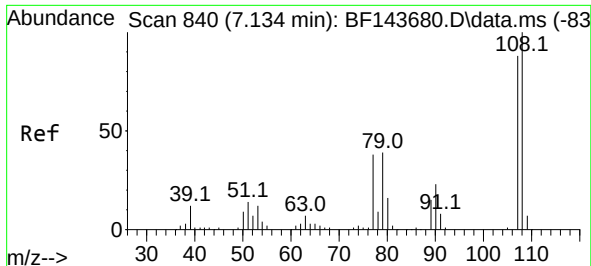
Tgt Ion: 79 Resp: 103057
Ion Ratio Lower Upper
79 100
108 80.3 60.9 91.3
77 60.2 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.497 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion: 45 Resp: 135348
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.6
79 12.3 0.0 31.3

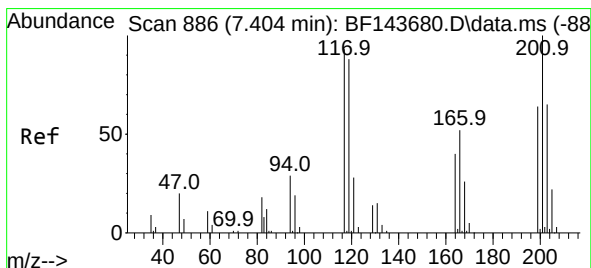
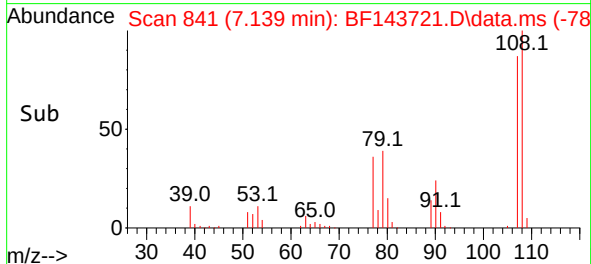
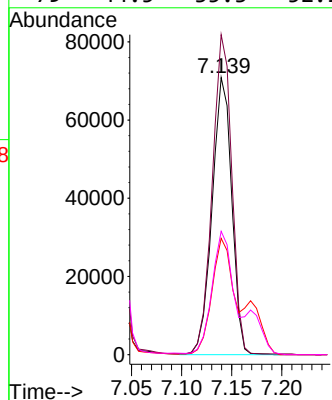
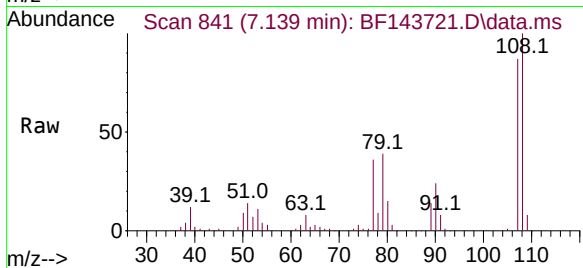




#17
2-Methylphenol
Concen: 50.268 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

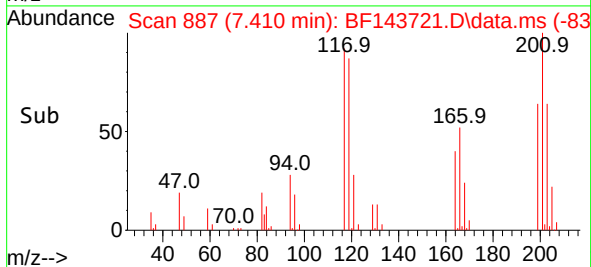
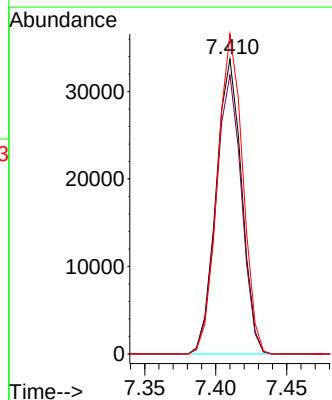
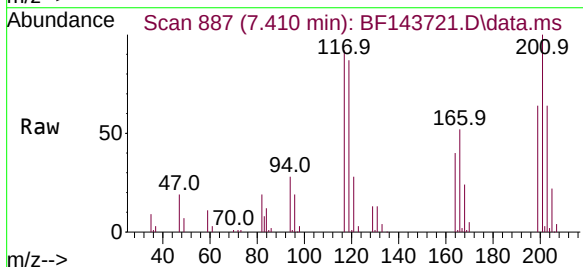
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

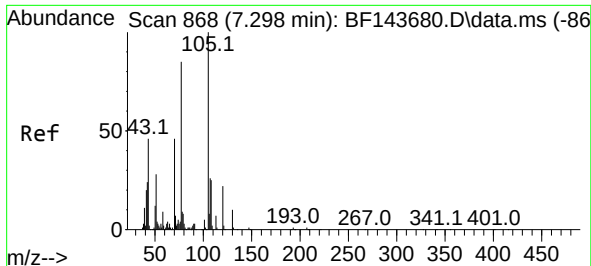
Tgt Ion:	107	Resp:	96667
Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.9	136.3
77	42.0	34.4	51.6
79	44.5	35.3	52.9



#18
Hexachloroethane
Concen: 47.321 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:	117	Resp:	42183
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.2
201	108.5	86.4	129.6

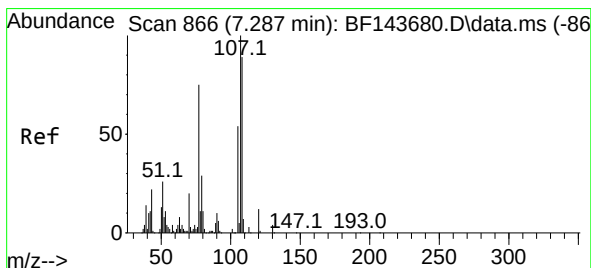
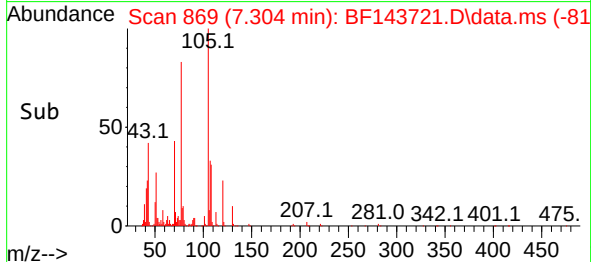
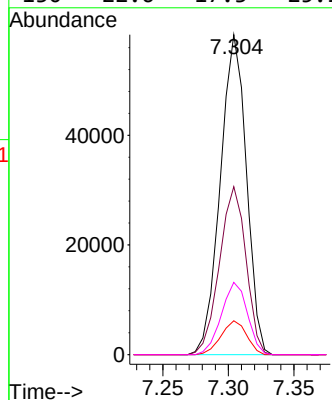
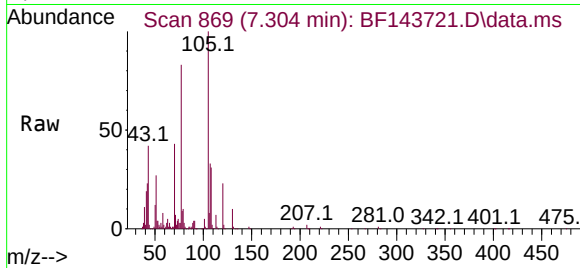




#19
n-Nitroso-di-n-propylamine
Concen: 48.888 ng
RT: 7.304 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

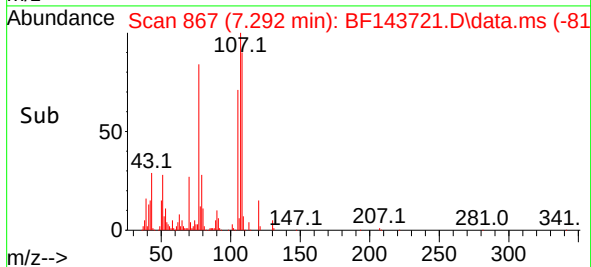
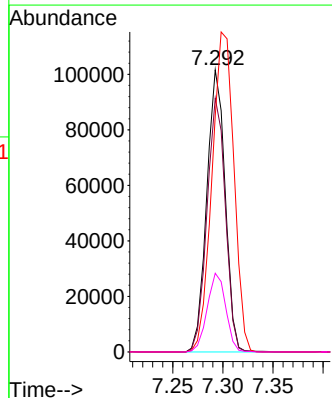
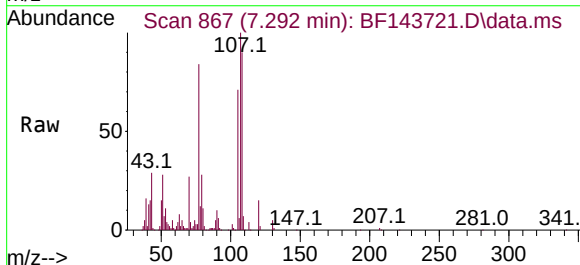
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

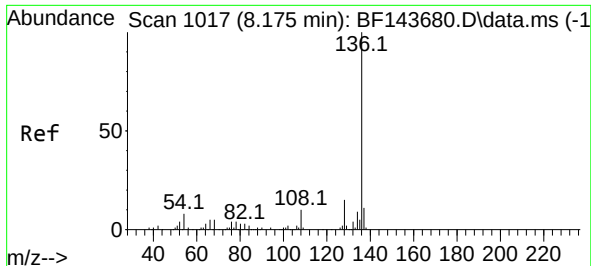
Tgt Ion:	70	Resp:	80920
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.4	62.2
101	10.6	8.1	12.1
130	22.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 51.077 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:	107	Resp:	129346
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.6	108.6
77	83.7	54.6	94.6
79	27.9	8.9	48.9

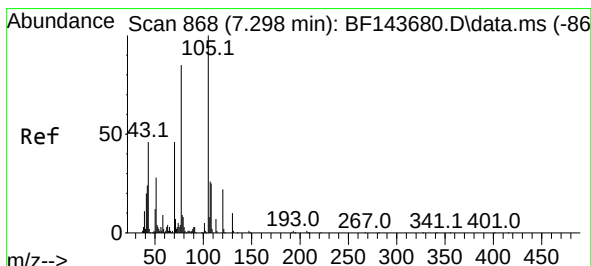
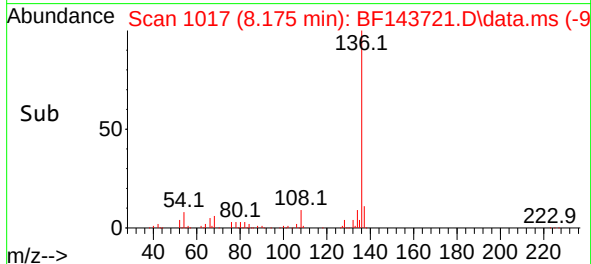
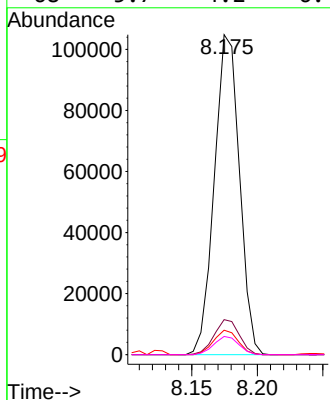
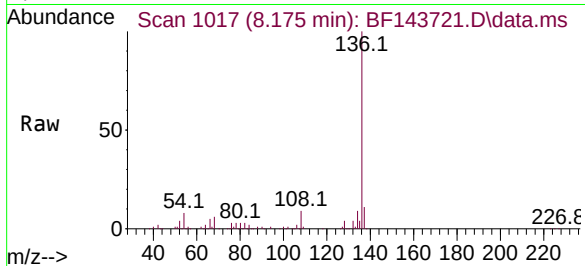




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

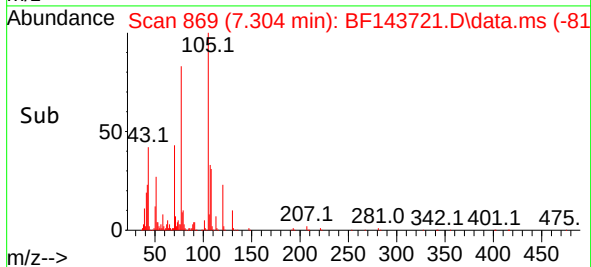
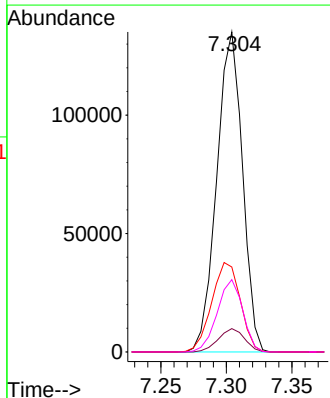
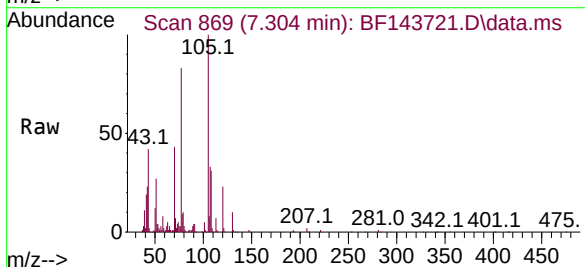
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

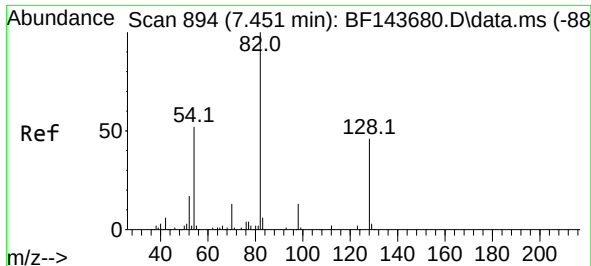
Tgt Ion:	136	Resp:	139795
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.6	6.2	9.2
68	5.7	4.2	6.4



#22
Acetophenone
Concen: 58.478 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:	105	Resp:	184633
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.9	8.9
51	26.5	22.4	33.6
120	22.6	17.6	26.4





#23

Nitrobenzene-d5

Concen: 55.220 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

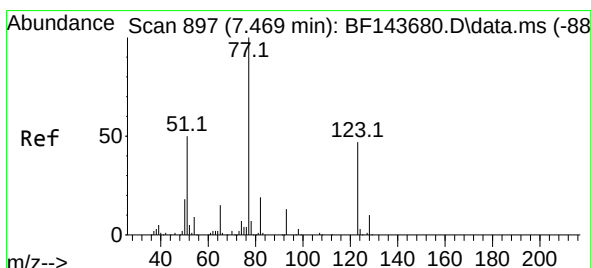
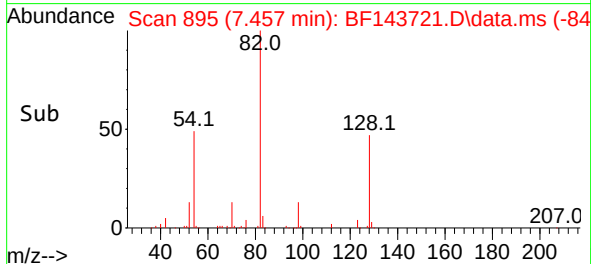
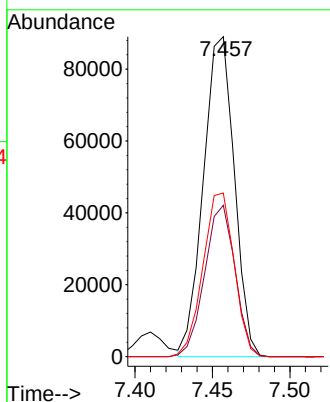
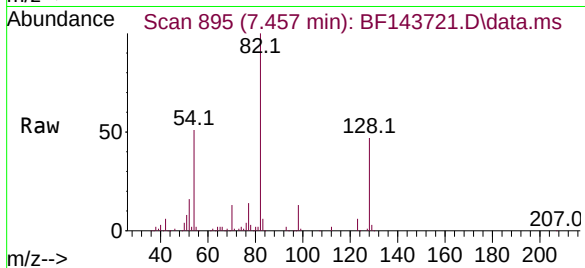
Tgt Ion: 82 Resp: 124107

Ion Ratio Lower Upper

82 100

128 47.3 37.0 55.4

54 51.1 41.8 62.8



#24

Nitrobenzene

Concen: 50.580 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

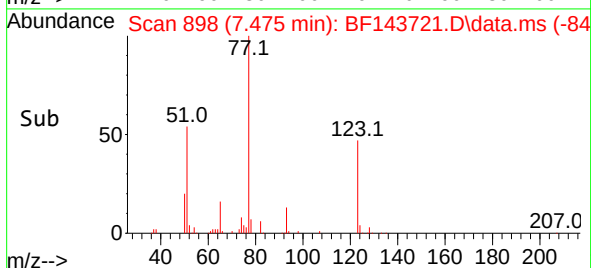
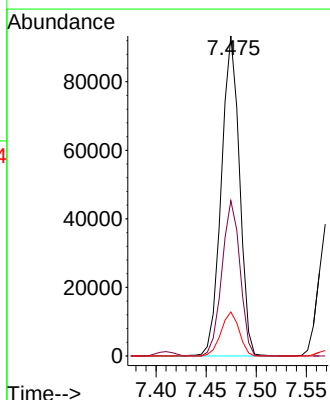
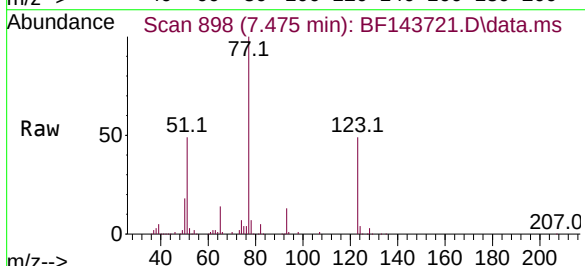
Tgt Ion: 77 Resp: 117870

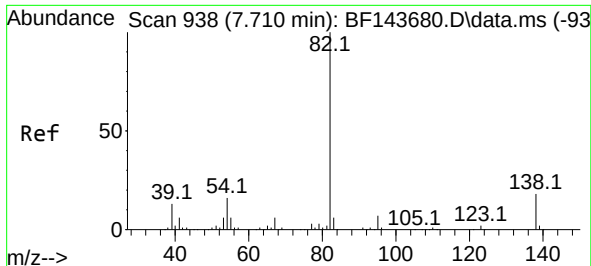
Ion Ratio Lower Upper

77 100

123 48.5 37.4 56.0

65 13.7 11.6 17.4

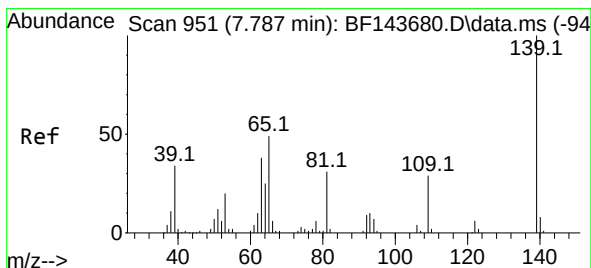
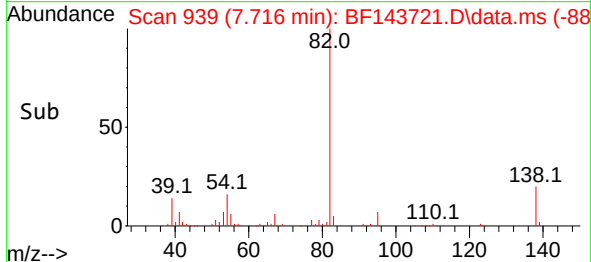
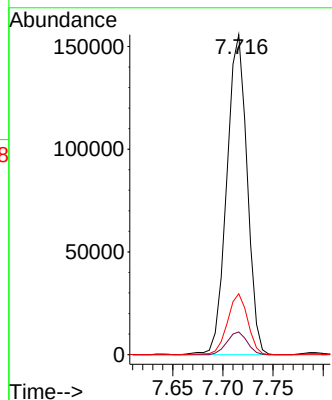
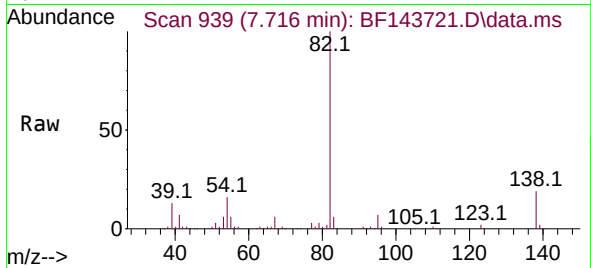




#25
Isophorone
Concen: 51.109 ng
RT: 7.716 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

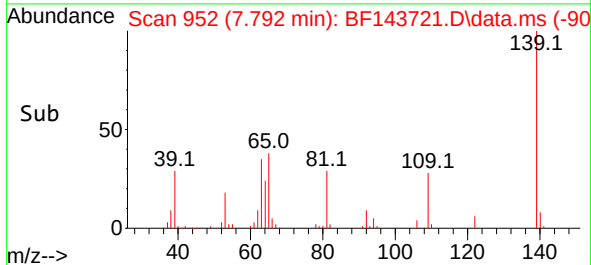
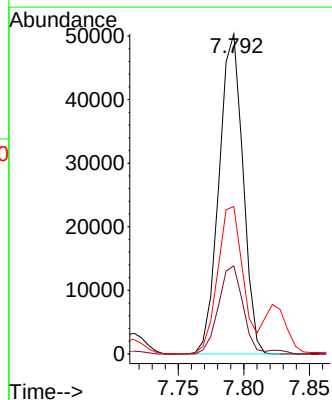
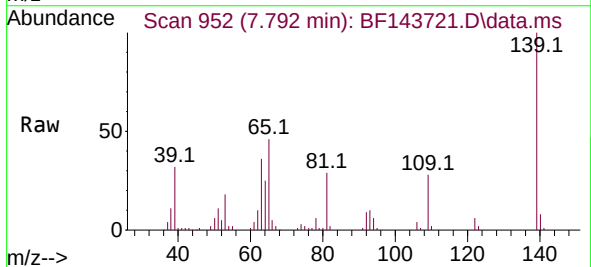
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

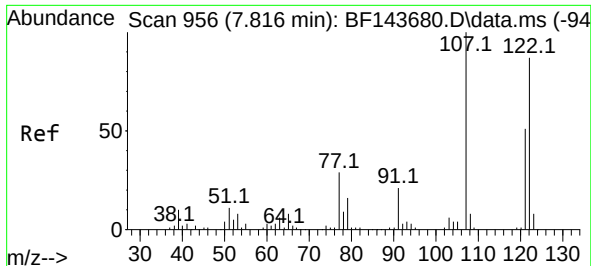
Tgt Ion: 82 Resp: 220264
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 55.849 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:139 Resp: 63991
Ion Ratio Lower Upper
139 100
109 27.5 22.8 34.2
65 46.1 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 55.344 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

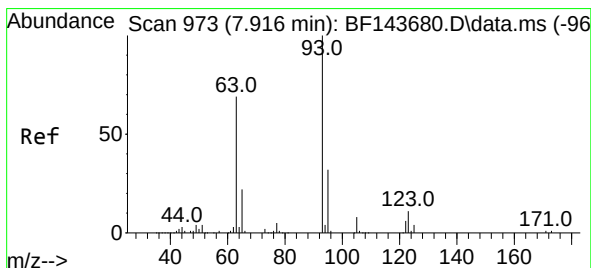
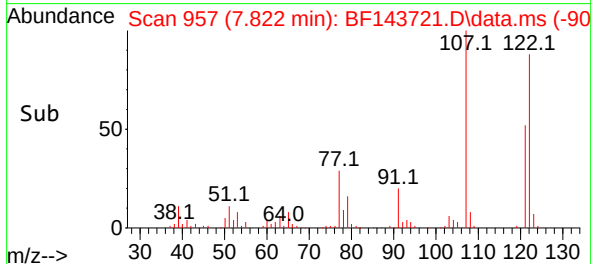
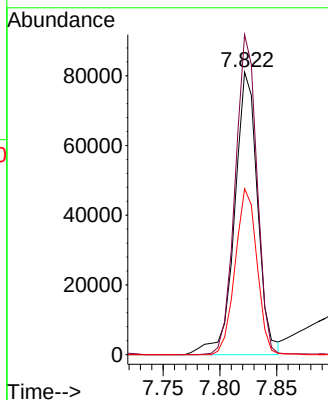
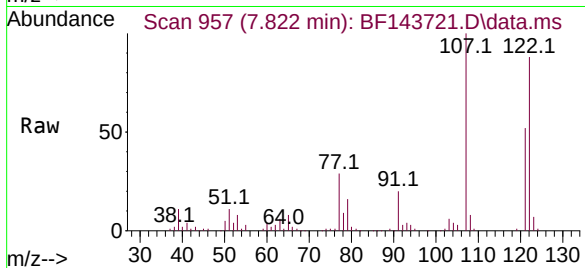
Tgt Ion:122 Resp: 113839

Ion Ratio Lower Upper

122 100

107 113.3 92.1 138.1

121 58.7 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 50.827 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

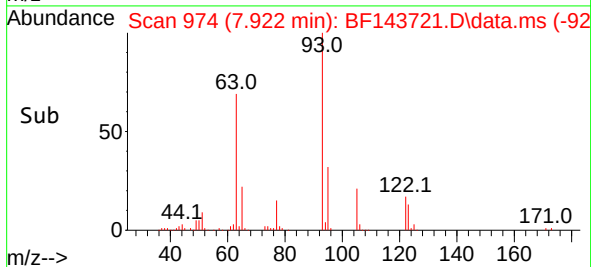
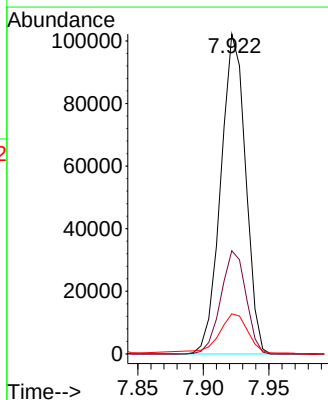
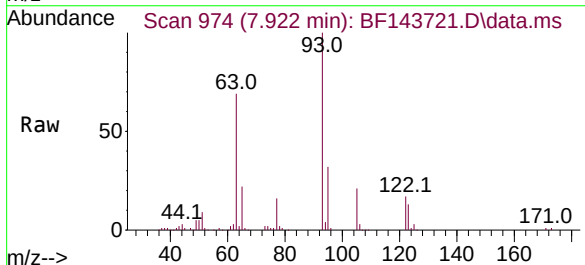
Tgt Ion: 93 Resp: 134614

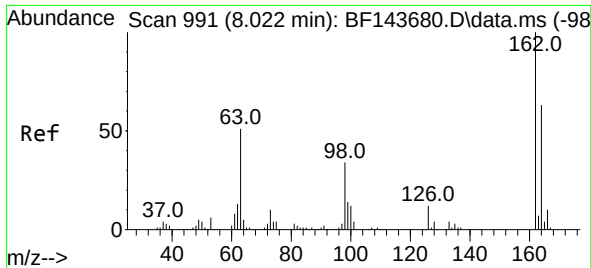
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 12.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.967 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

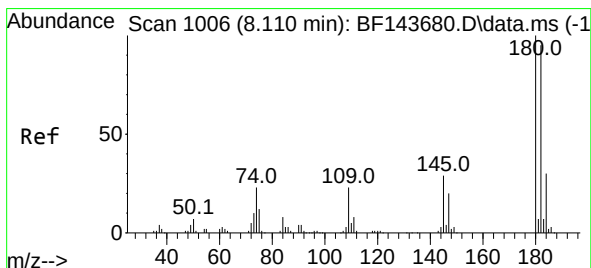
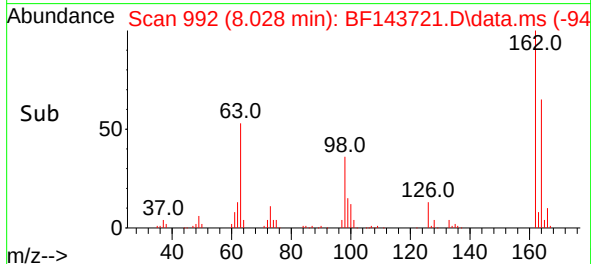
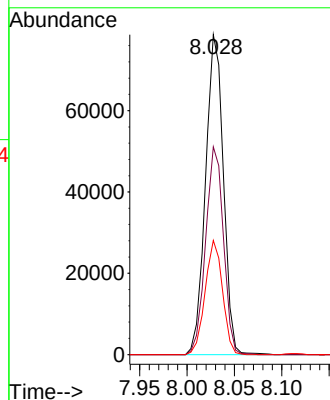
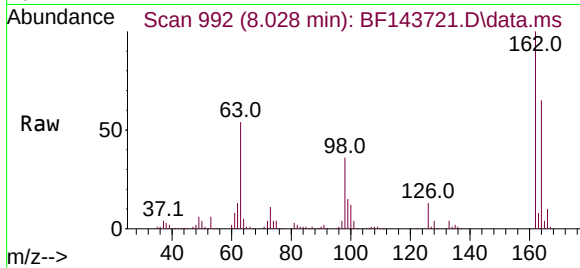
Tgt Ion:162 Resp: 103387

Ion Ratio Lower Upper

162 100

164 64.9 43.0 83.0

98 35.7 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 52.530 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

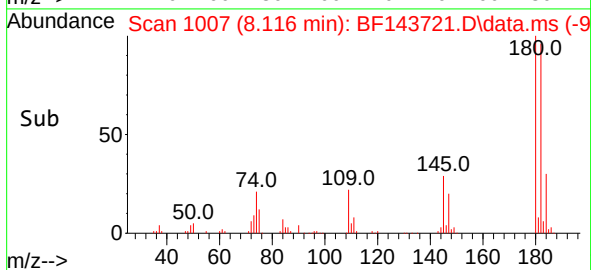
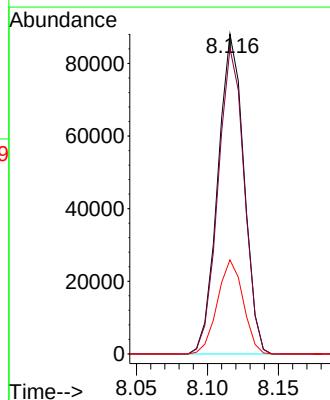
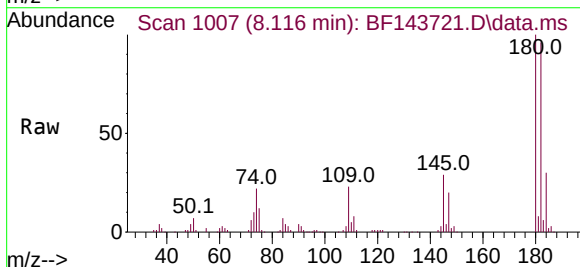
Tgt Ion:180 Resp: 112603

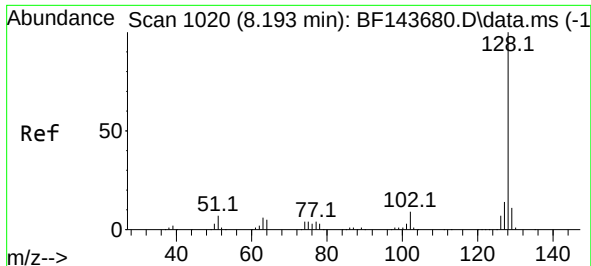
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

145 29.4 23.2 34.8

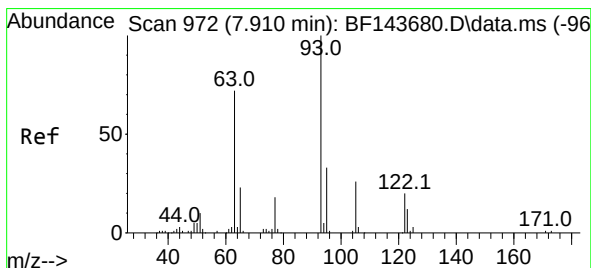
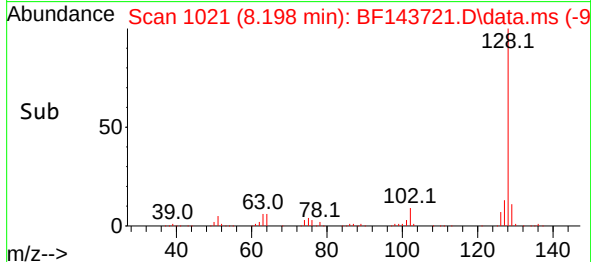
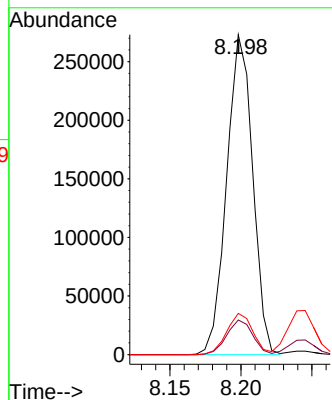
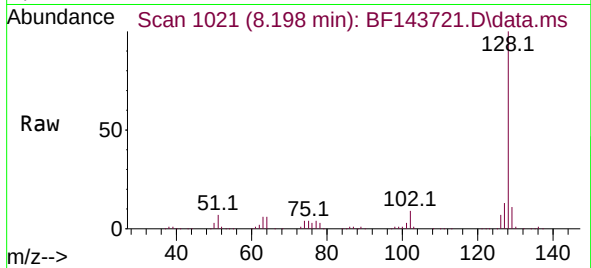




#31
Naphthalene
Concen: 50.173 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

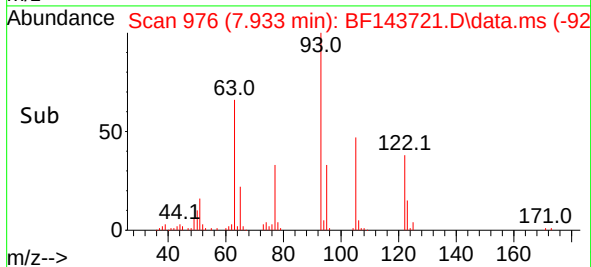
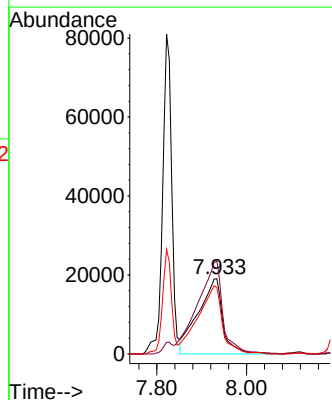
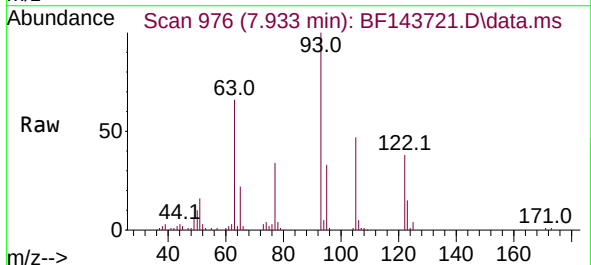
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

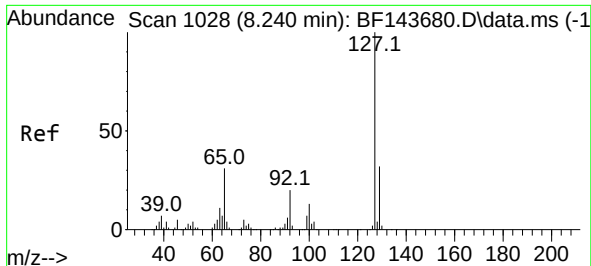
Tgt Ion:128 Resp: 347213
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 58.298 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.023 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:122 Resp: 73159
Ion Ratio Lower Upper
122 100
105 123.6 105.2 145.2
77 88.5 72.0 112.0

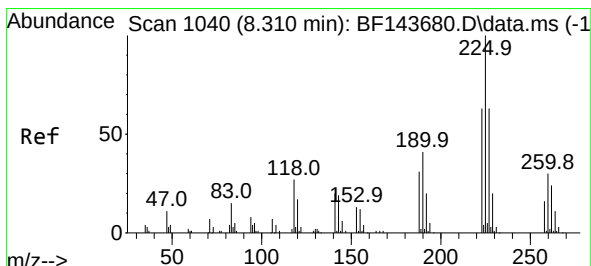
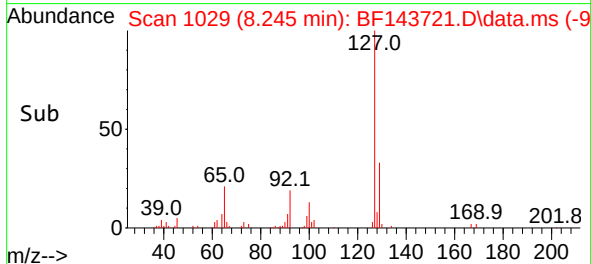
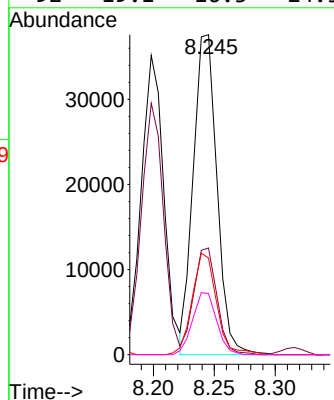
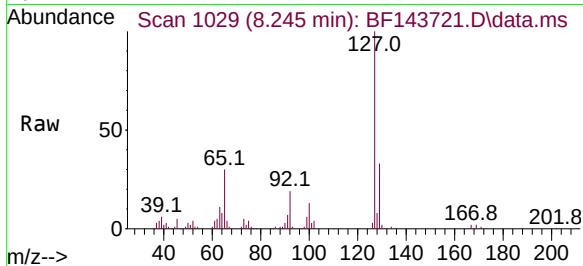




#33
4-Chloroaniline
Concen: 21.198 ng
RT: 8.245 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

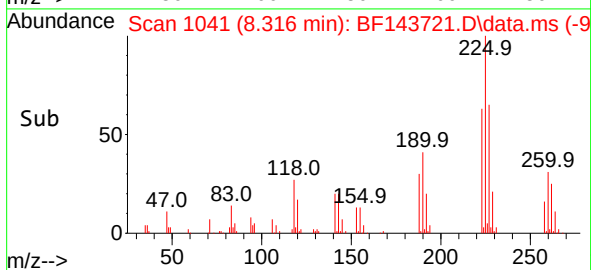
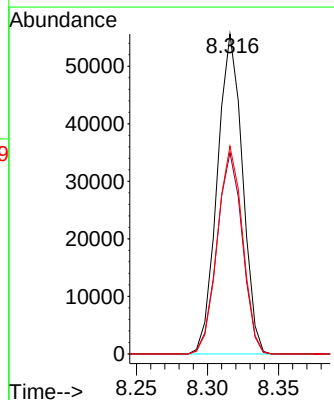
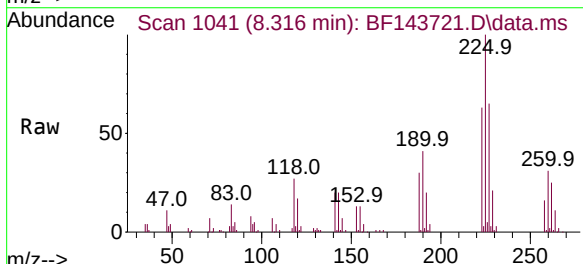
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

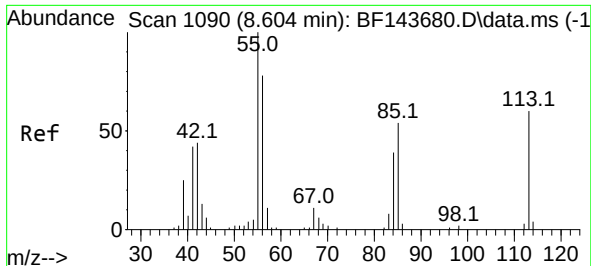
Tgt Ion:127	Resp:	51069
Ion Ratio	Lower	Upper
127	100	
129	33.3	26.0 39.0
65	30.2	24.6 36.8
92	19.1	16.3 24.5



#34
Hexachlorobutadiene
Concen: 49.167 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:225	Resp:	68744
Ion Ratio	Lower	Upper
225	100	
223	62.9	50.6 76.0
227	64.9	50.8 76.2

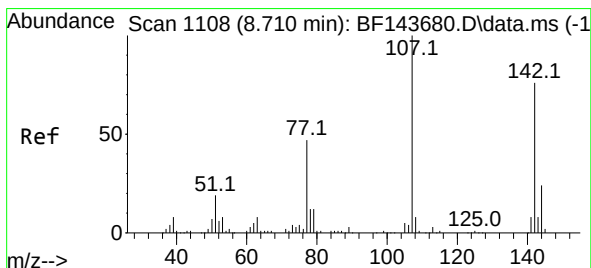
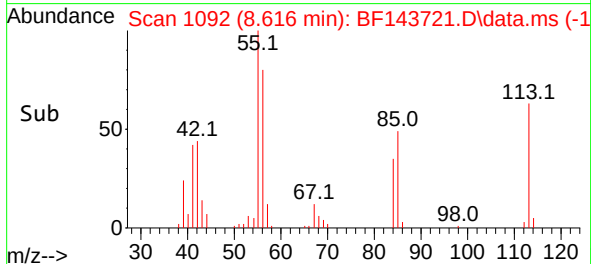
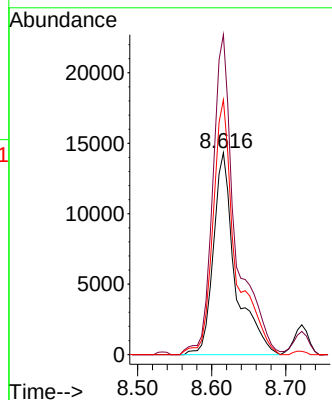
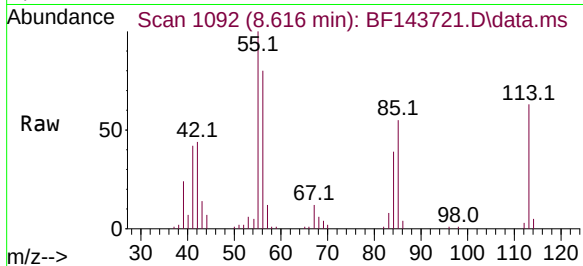




#35
Caprolactam
Concen: 53.466 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

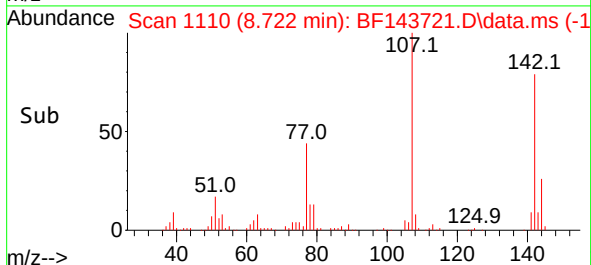
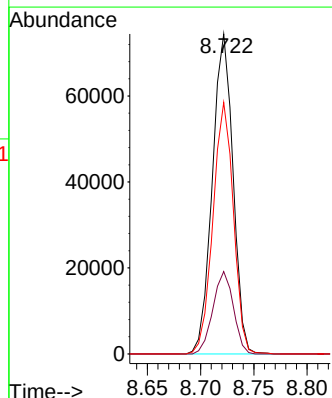
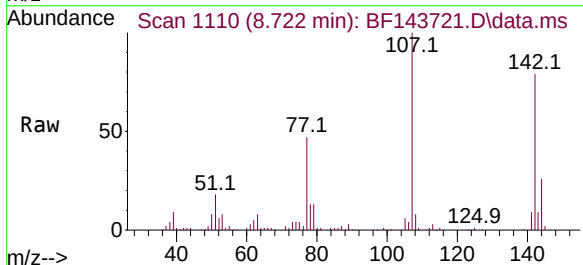
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

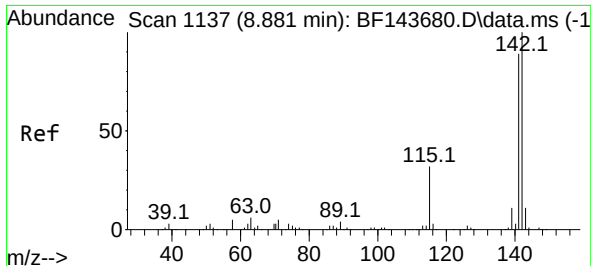
Tgt Ion:113 Resp: 29444
Ion Ratio Lower Upper
113 100
55 158.5 148.9 188.9
56 126.3 112.8 152.8



#36
4-Chloro-3-methylphenol
Concen: 49.312 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:107 Resp: 100605
Ion Ratio Lower Upper
107 100
144 25.7 19.4 29.2
142 78.6 60.6 91.0





#37

2-Methylnaphthalene

Concen: 44.415 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BF143721.D

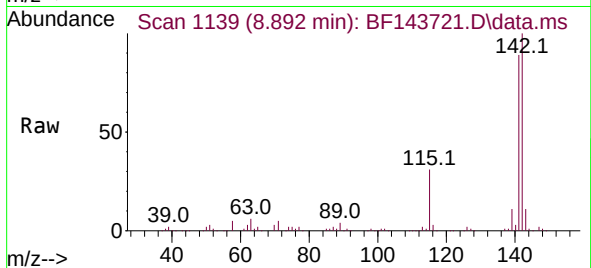
Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

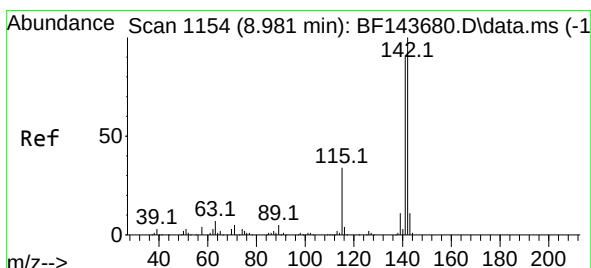
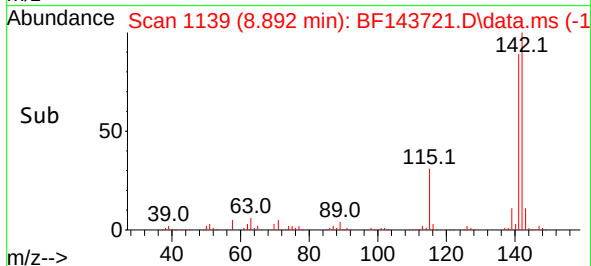
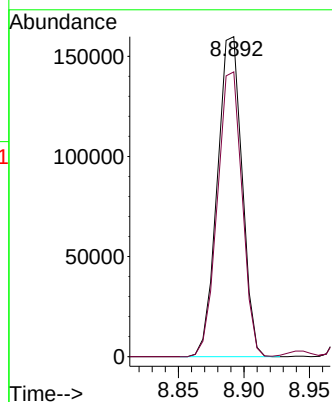


Tgt Ion:142 Resp: 210401

Ion Ratio Lower Upper

142 100

141 89.0 71.1 106.7



#38

1-Methylnaphthalene

Concen: 47.600 ng

RT: 8.992 min Scan# 1156

Delta R.T. 0.012 min

Lab File: BF143721.D

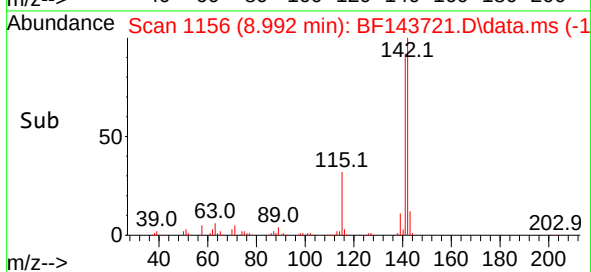
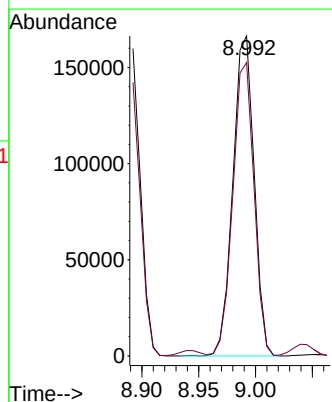
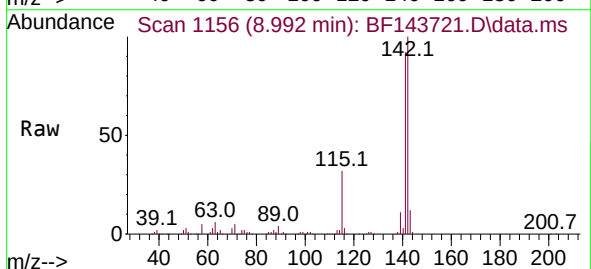
Acq: 11 Sep 2025 22:24

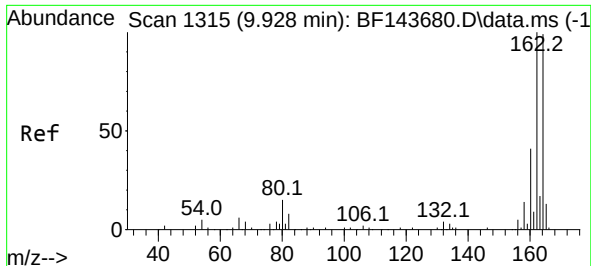
Tgt Ion:142 Resp: 216401

Ion Ratio Lower Upper

142 100

141 91.7 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: BF143721.D

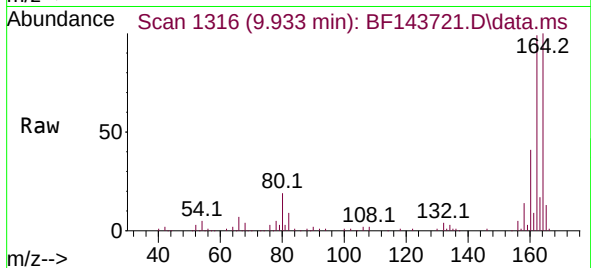
Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD



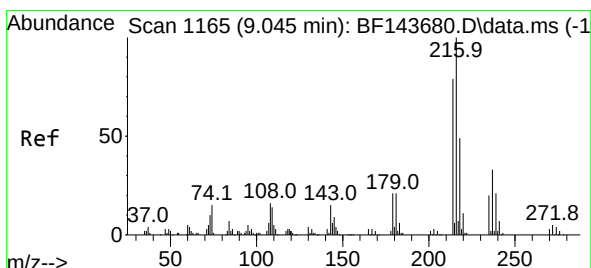
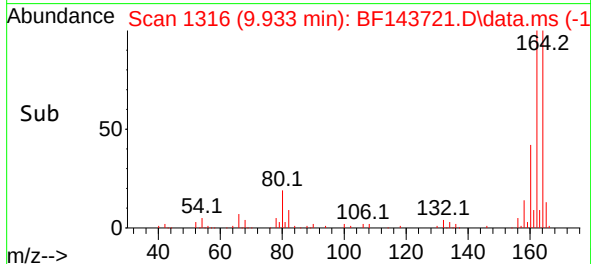
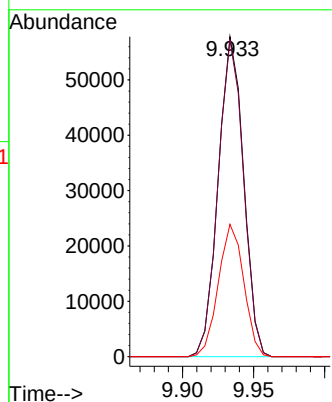
Tgt Ion:164 Resp: 71761

Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

160 41.3 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.941 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Tgt Ion:216 Resp: 121088

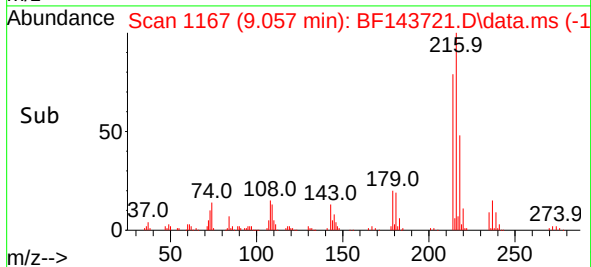
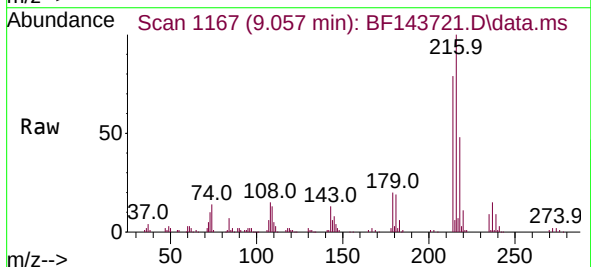
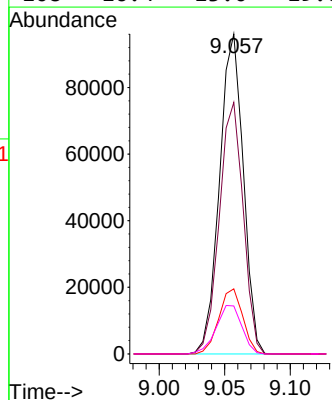
Ion Ratio Lower Upper

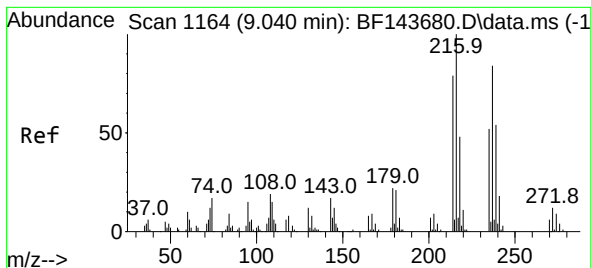
216 100

214 78.9 63.2 94.8

179 20.5 16.8 25.2

108 16.4 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 68.266 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

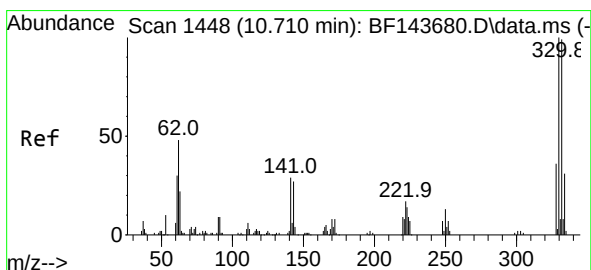
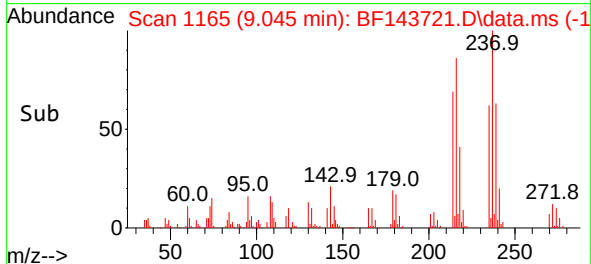
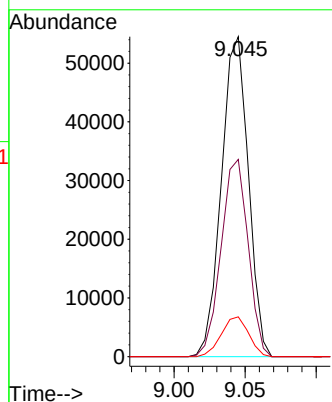
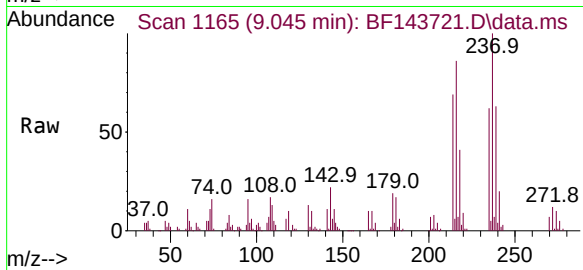
Tgt Ion:237 Resp: 72002

Ion Ratio Lower Upper

237 100

235 61.6 41.6 81.6

272 12.4 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 68.271 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

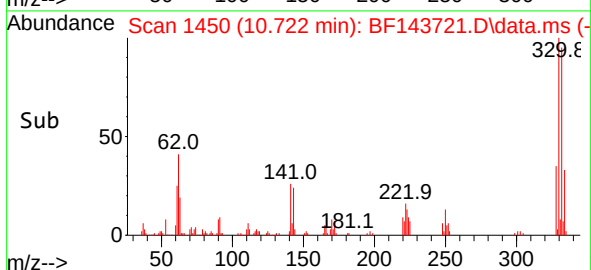
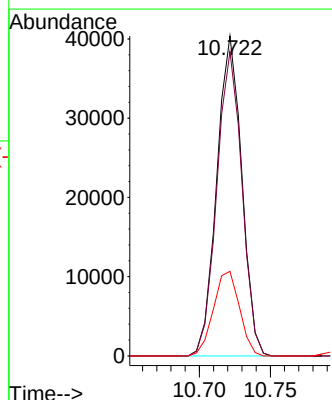
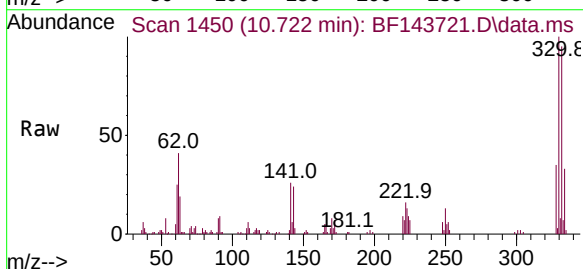
Tgt Ion:330 Resp: 49373

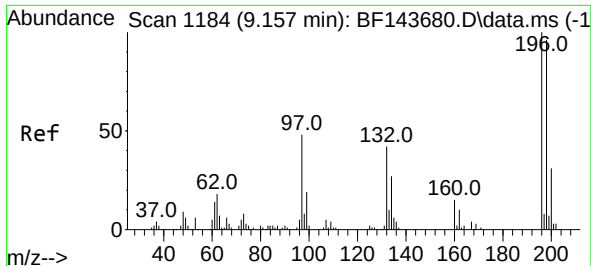
Ion Ratio Lower Upper

330 100

332 95.2 79.2 118.8

141 27.6 22.2 33.4

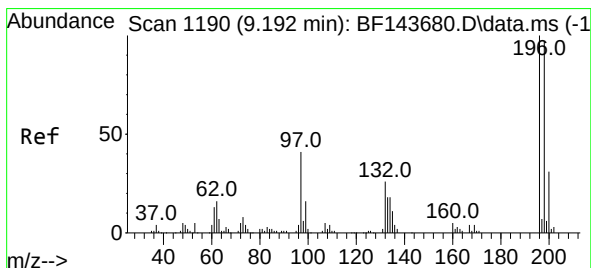
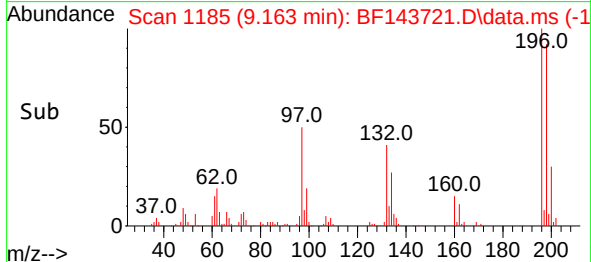
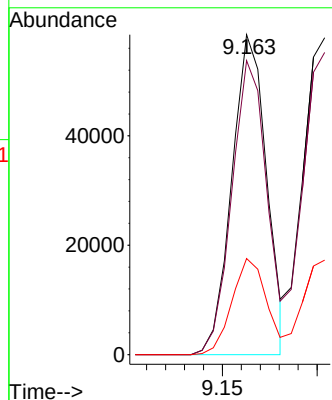
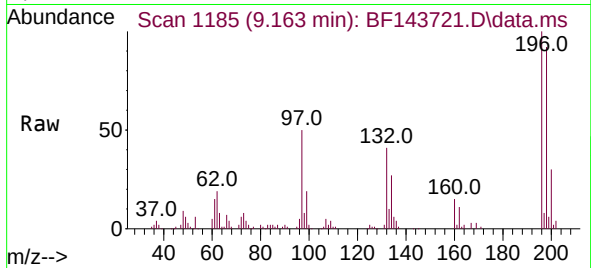




#43
2,4,6-Trichlorophenol
Concen: 54.349 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

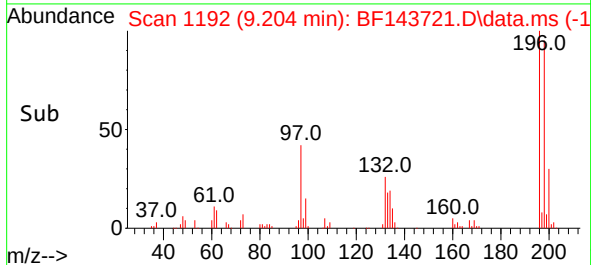
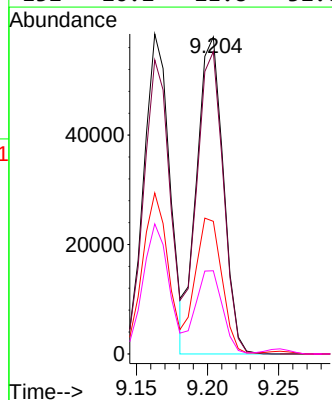
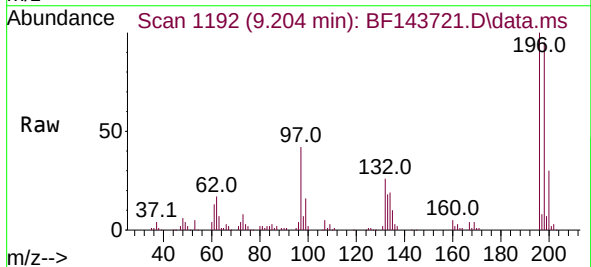
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

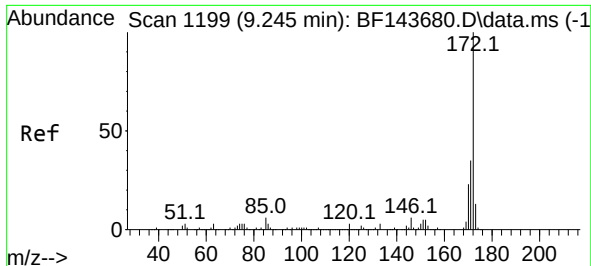
Tgt Ion:196 Resp: 74557
Ion Ratio Lower Upper
196 100
198 91.9 76.5 114.7
200 30.0 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 53.887 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:196 Resp: 75151
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.6
97 41.8 34.2 51.4
132 26.2 21.8 32.6

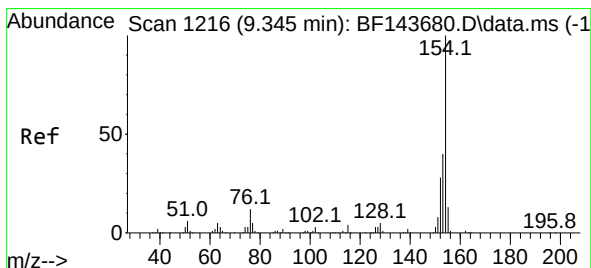
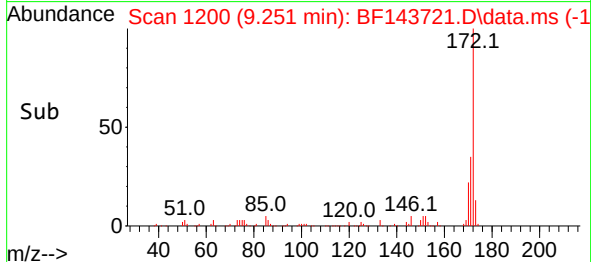
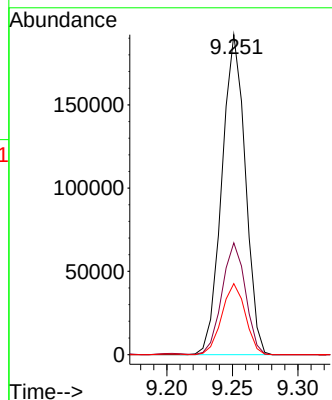
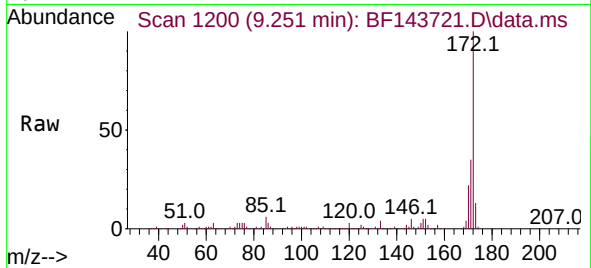




#45
2-Fluorobiphenyl
Concen: 50.423 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

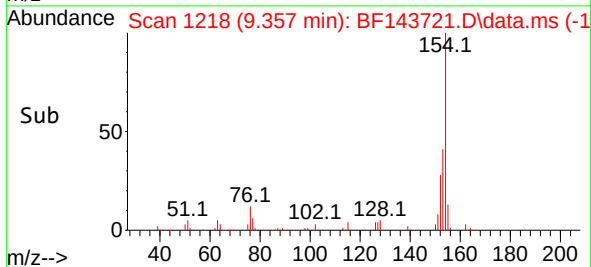
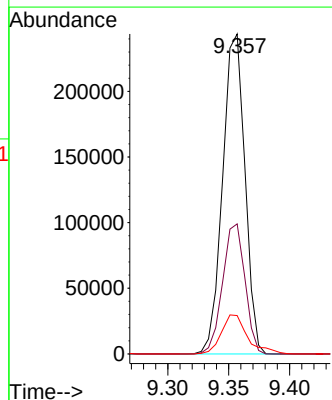
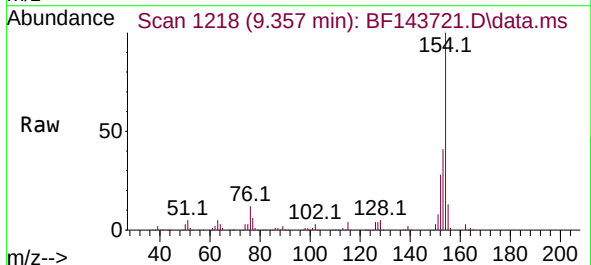
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

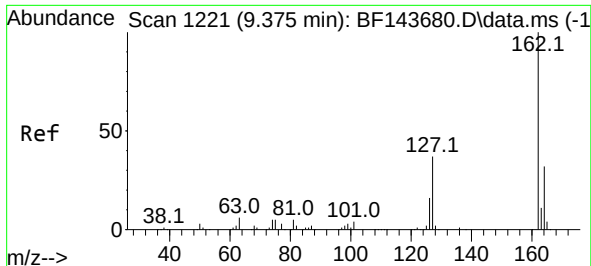
Tgt Ion:172 Resp: 239531
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 22.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 60.108 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:154 Resp: 310534
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 12.0 0.0 31.6





#47

2-Chloronaphthalene

Concen: 52.682 ng

RT: 9.380 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143721.D

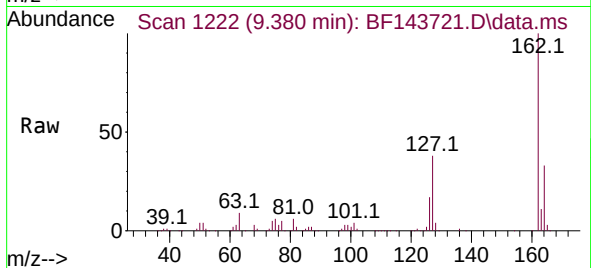
Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD



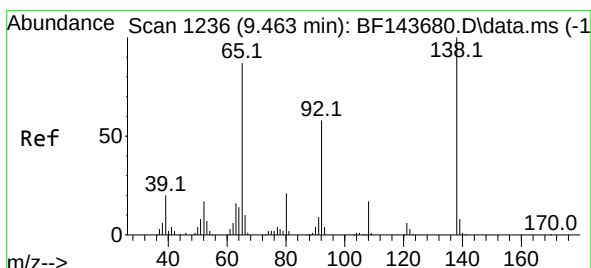
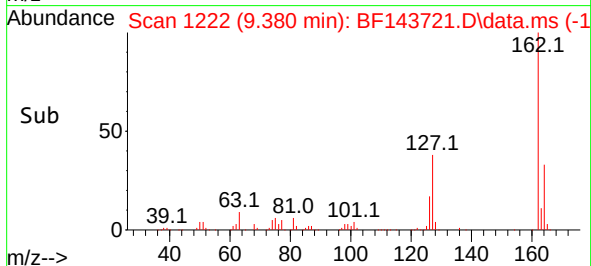
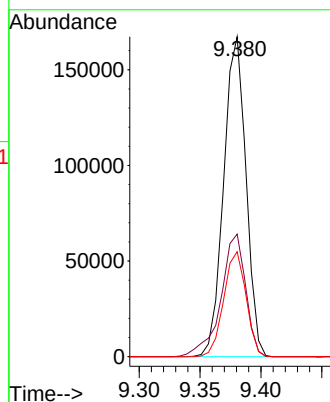
Tgt Ion:162 Resp: 213366

Ion Ratio Lower Upper

162 100

127 38.3 30.6 45.8

164 32.8 25.8 38.8



#48

2-Nitroaniline

Concen: 55.014 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

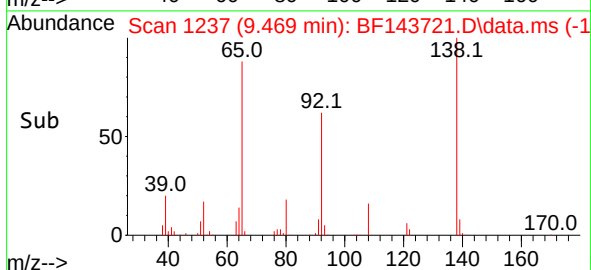
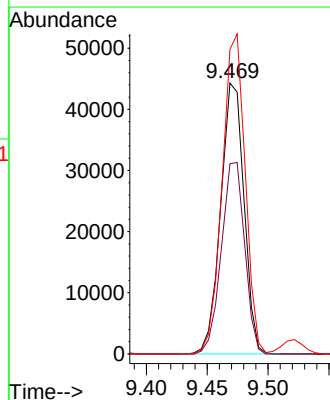
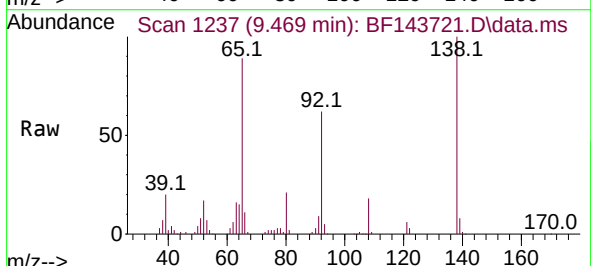
Tgt Ion: 65 Resp: 58964

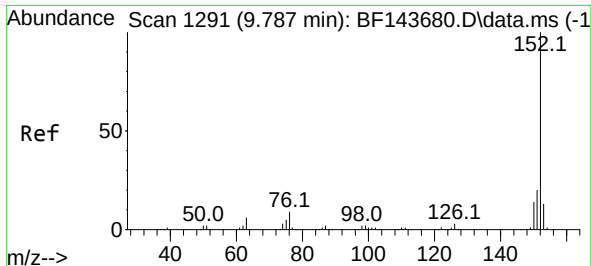
Ion Ratio Lower Upper

65 100

92 70.2 53.3 79.9

138 112.4 92.1 138.1





#49

Acenaphthylene

Concen: 59.432 ng

RT: 9.798 min Scan# 1291

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

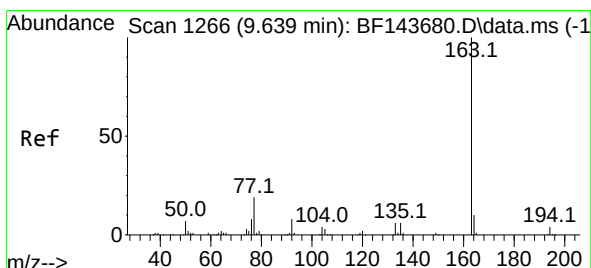
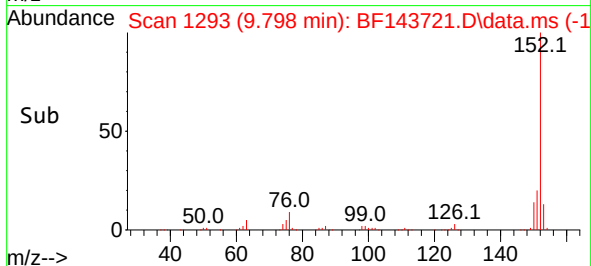
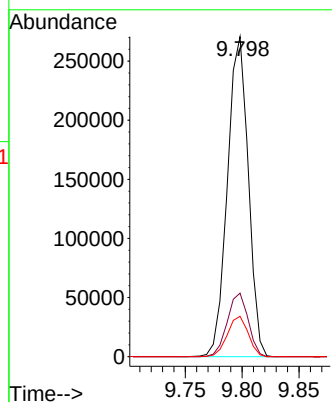
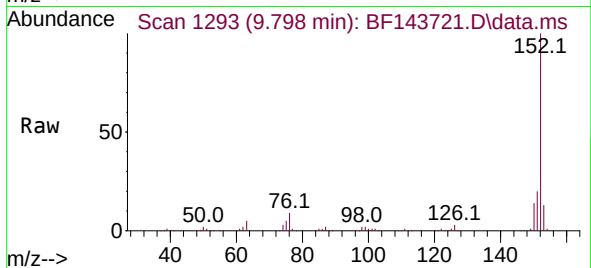
Tgt Ion:152 Resp: 344799

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 54.927 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

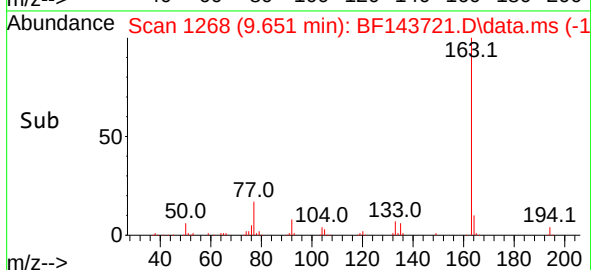
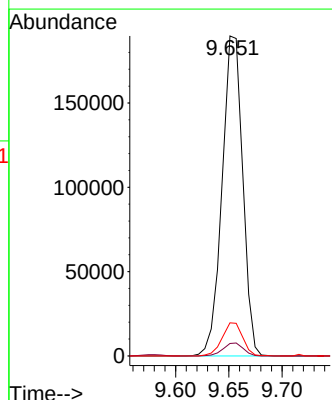
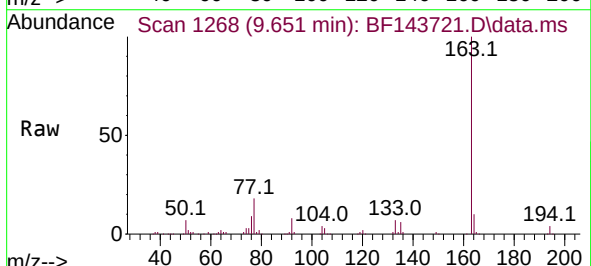
Tgt Ion:163 Resp: 256454

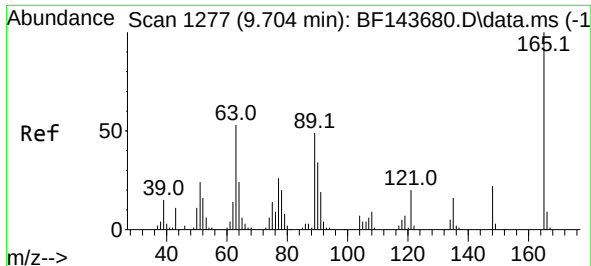
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 58.242 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

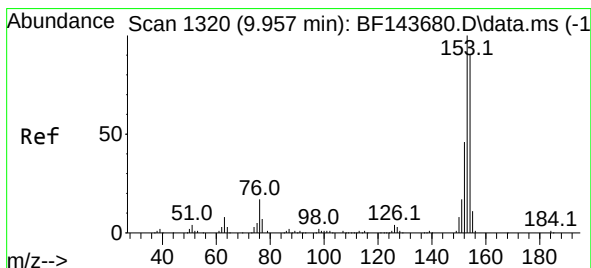
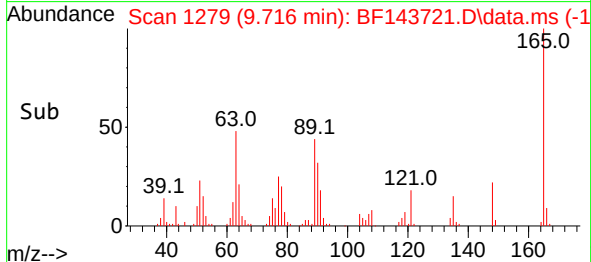
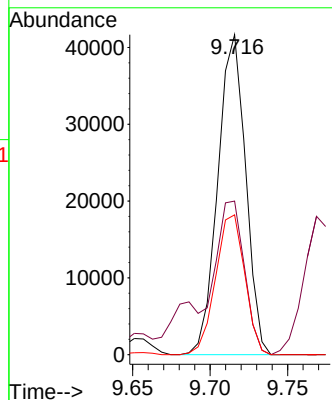
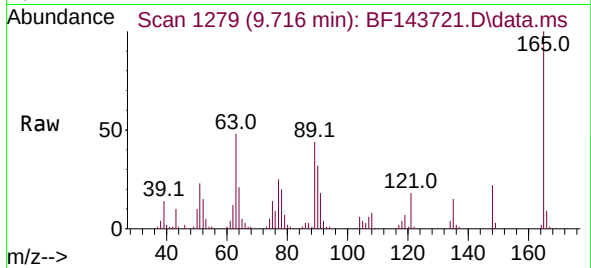
Tgt Ion:165 Resp: 51993

Ion Ratio Lower Upper

165 100

63 48.0 42.2 63.4

89 43.7 39.3 58.9



#52

Acenaphthene

Concen: 51.287 ng

RT: 9.969 min Scan# 1322

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

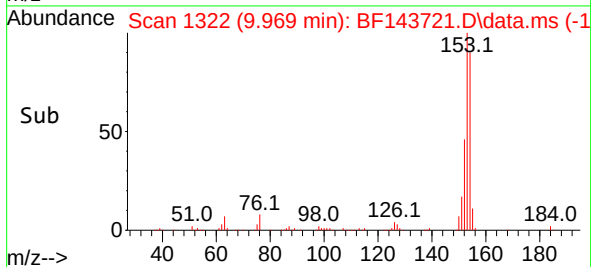
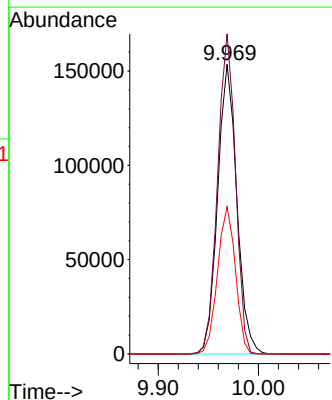
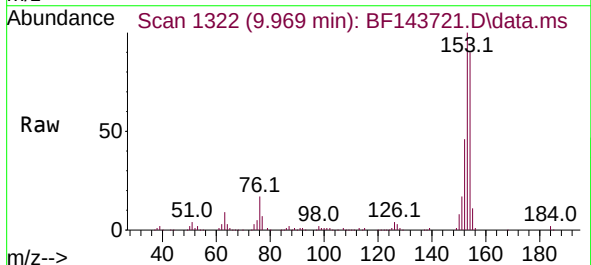
Tgt Ion:154 Resp: 205033

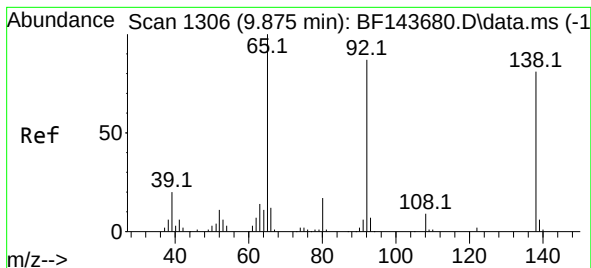
Ion Ratio Lower Upper

154 100

153 110.5 89.4 134.0

152 50.8 41.2 61.8





#53

3-Nitroaniline

Concen: 36.773 ng

RT: 9.880 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

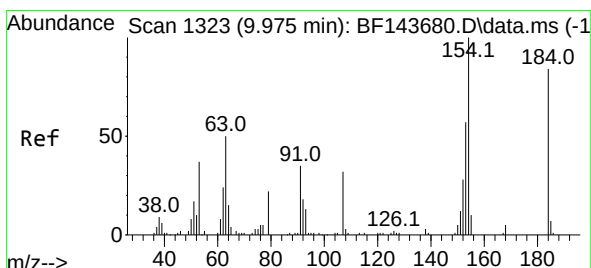
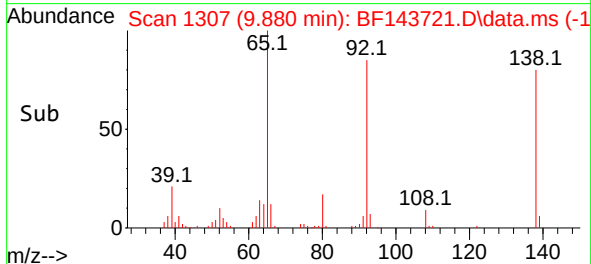
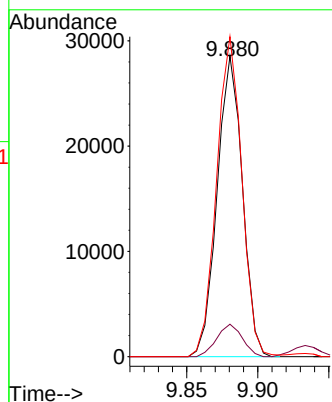
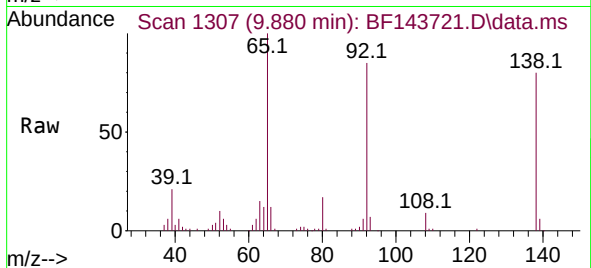
Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

Tgt Ion:138	Resp:	35327
Ion	Ratio	Lower Upper
138	100	
108	10.8	8.6 12.8
92	106.5	85.5 128.3



#54

2,4-Dinitrophenol

Concen: 60.527 ng

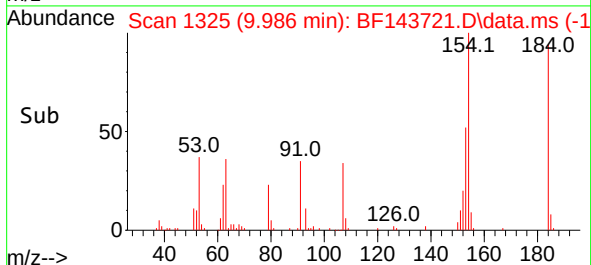
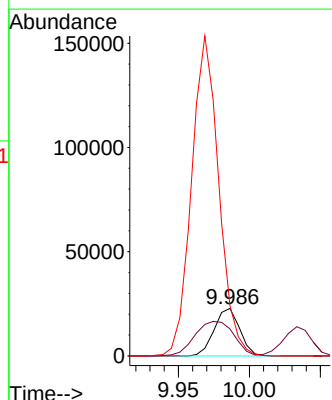
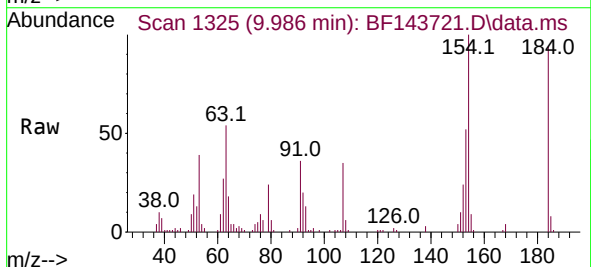
RT: 9.986 min Scan# 1325

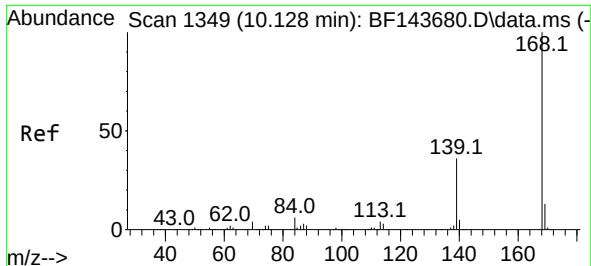
Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Tgt Ion:184	Resp:	28365
Ion	Ratio	Lower Upper
184	100	
63	56.9	52.7 79.1
154	105.9	136.6 204.8

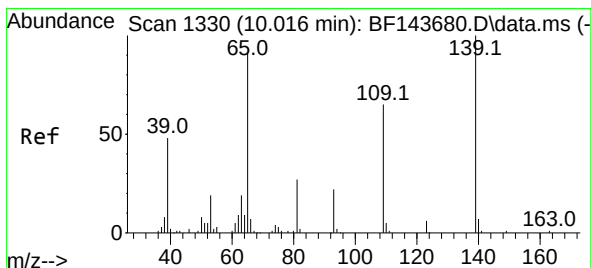
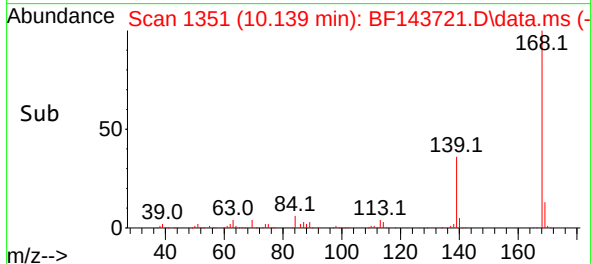
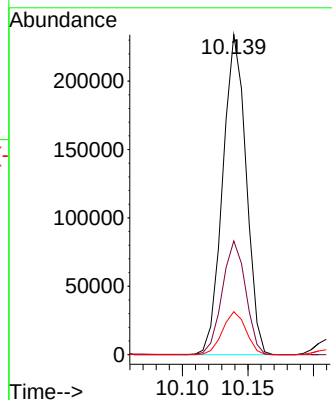
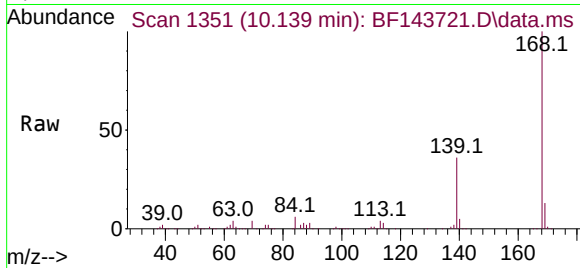




#55
Dibenzenofuran
Concen: 50.500 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

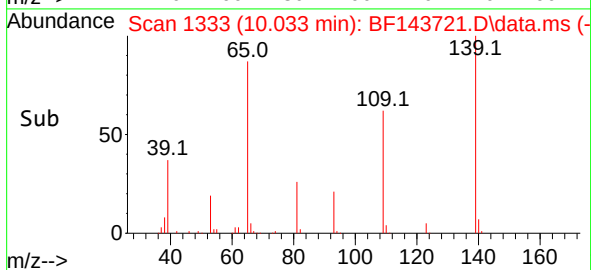
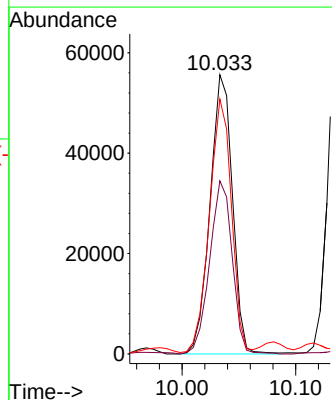
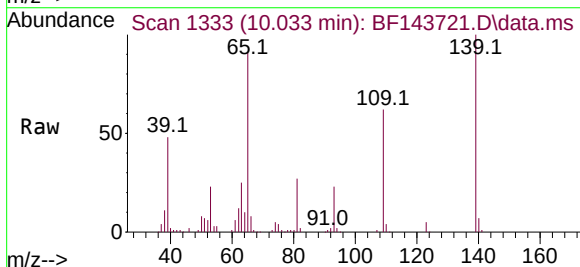
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

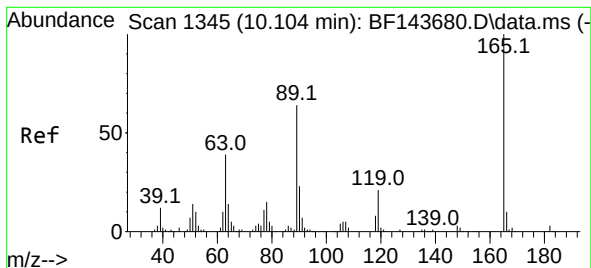
Tgt Ion:168 Resp: 290305
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 99.815 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.017 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:139 Resp: 76288
Ion Ratio Lower Upper
139 100
109 62.0 45.2 85.2
65 91.3 72.1 112.1

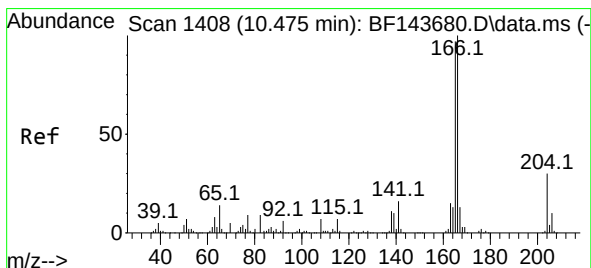
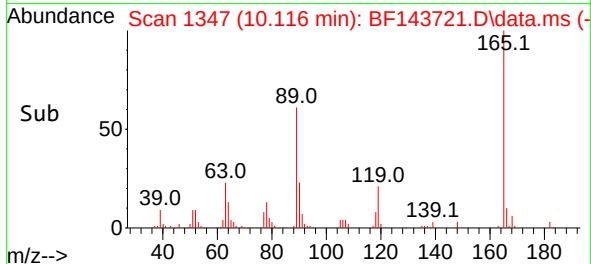
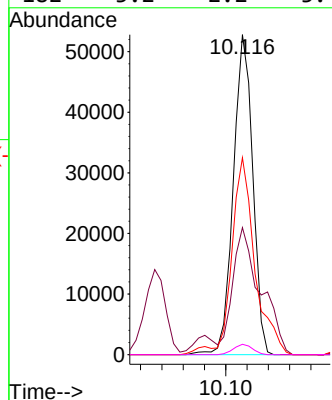
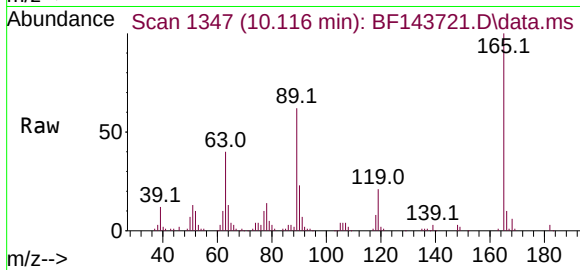




#57
2,4-Dinitrotoluene
Concen: 54.921 ng
RT: 10.116 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

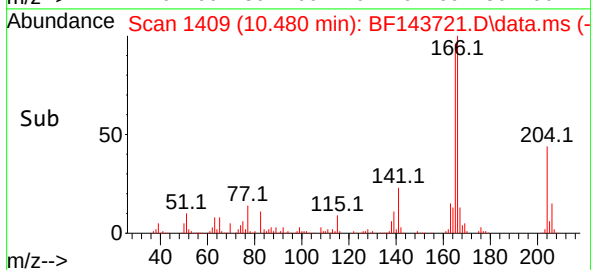
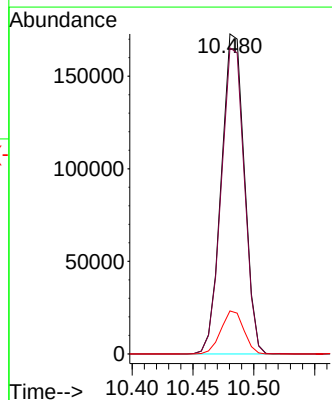
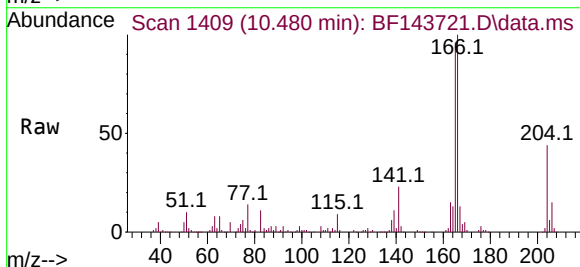
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

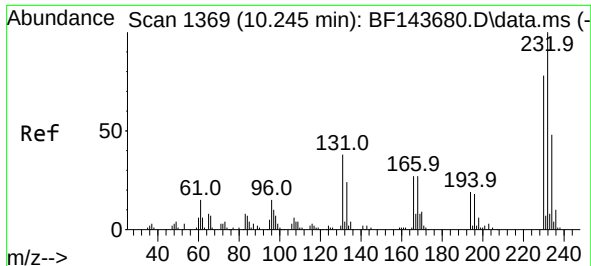
Tgt Ion:165 Resp: 66727
Ion Ratio Lower Upper
165 100
63 39.7 31.5 47.3
89 61.5 51.3 76.9
182 3.2 2.2 3.4



#58
Fluorene
Concen: 50.534 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:166 Resp: 227397
Ion Ratio Lower Upper
166 100
165 95.6 77.5 116.3
167 13.4 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.486 ng

RT: 10.257 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

Tgt Ion:232 Resp: 57091

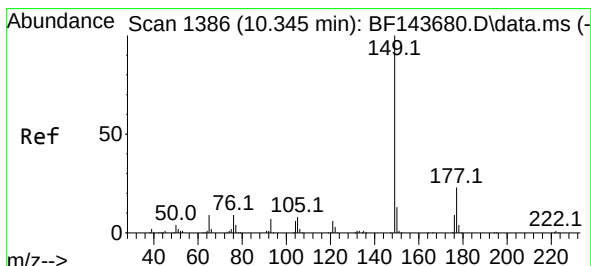
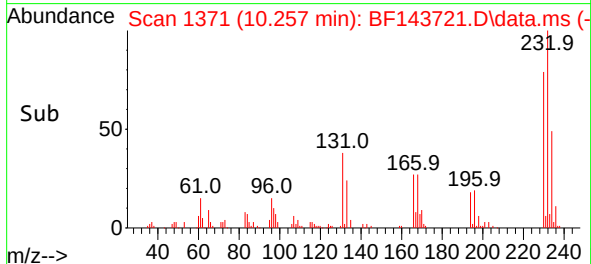
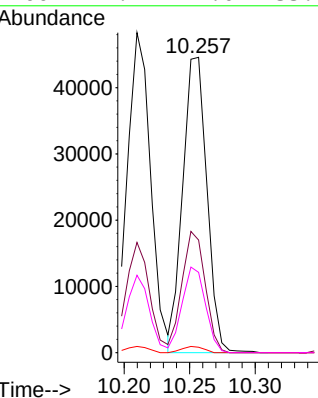
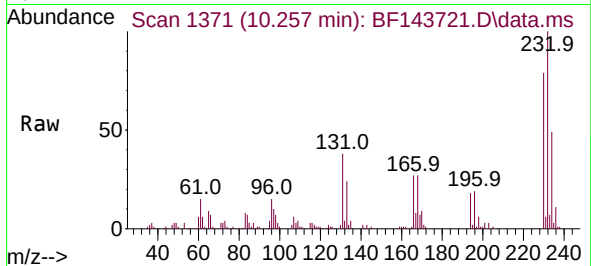
Ion Ratio Lower Upper

232 100

131 39.5 31.9 47.9

130 1.9 1.4 2.0

166 27.9 22.0 33.0



#60

Diethylphthalate

Concen: 53.262 ng

RT: 10.357 min Scan# 1388

Delta R.T. 0.012 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

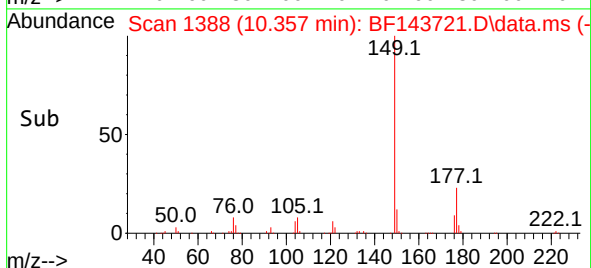
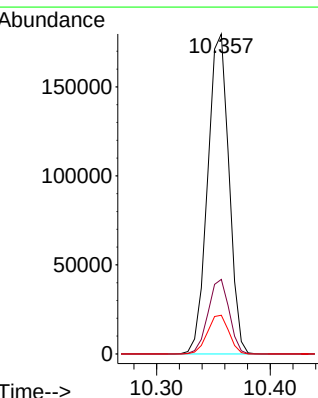
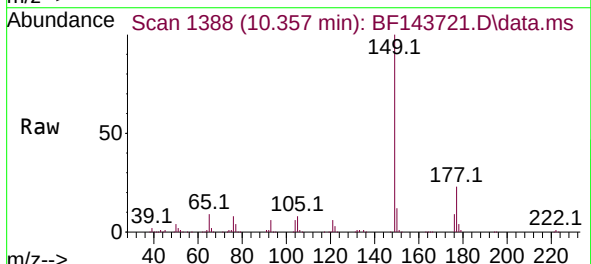
Tgt Ion:149 Resp: 233466

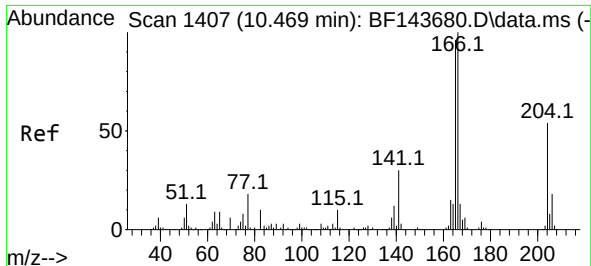
Ion Ratio Lower Upper

149 100

177 23.3 18.2 27.2

150 12.1 10.0 15.0

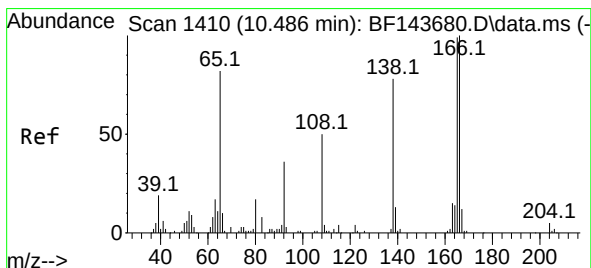
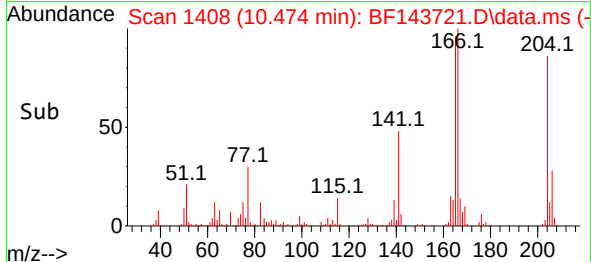
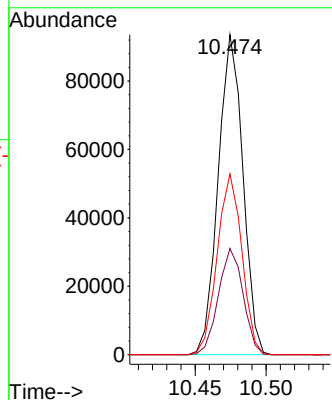
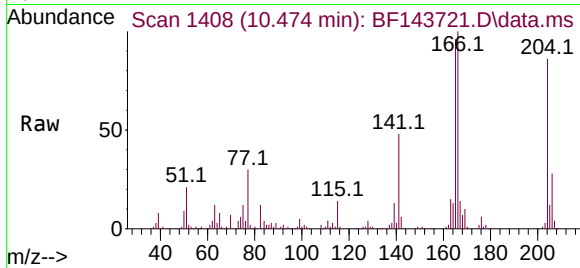




#61
4-Chlorophenyl-phenylether
Concen: 49.694 ng
RT: 10.474 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

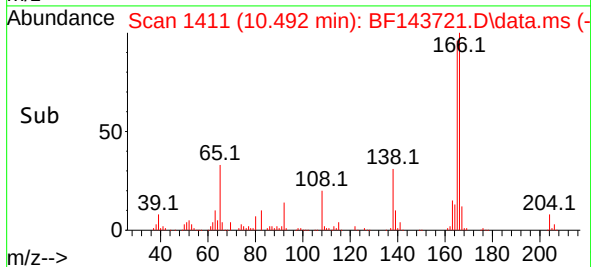
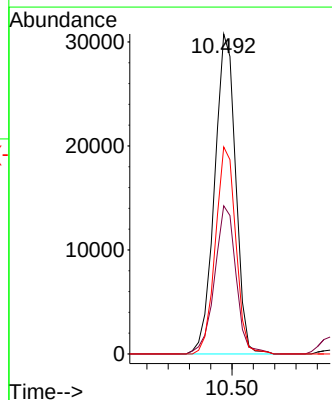
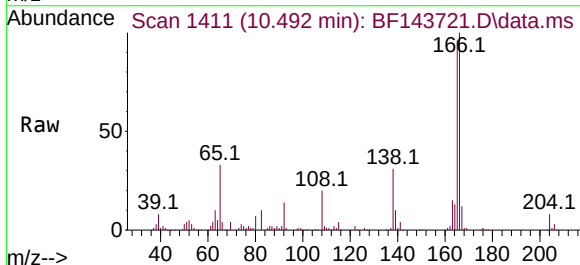
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

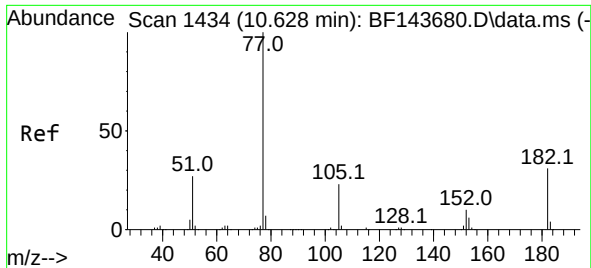
Tgt Ion:204 Resp: 113411
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 56.5 44.8 67.2



#62
4-Nitroaniline
Concen: 46.389 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:138 Resp: 42209
Ion Ratio Lower Upper
138 100
92 46.3 26.4 66.4
108 64.7 44.3 84.3

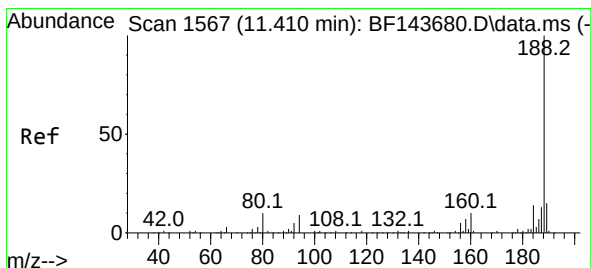
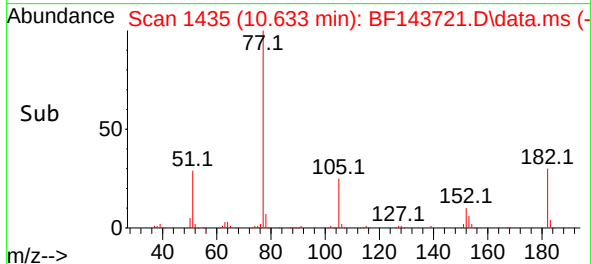
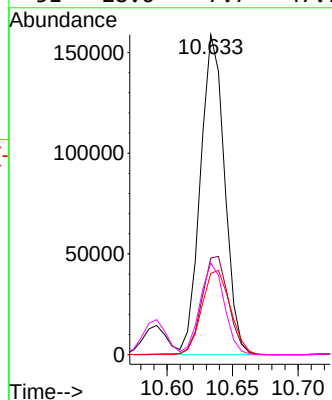
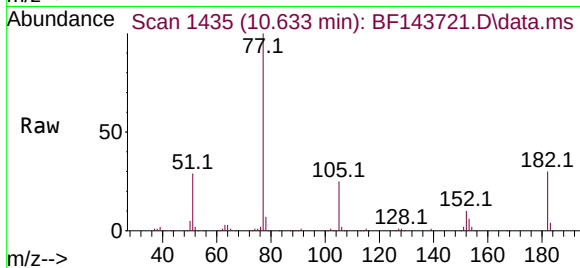




#63
Azobenzene
Concen: 52.441 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

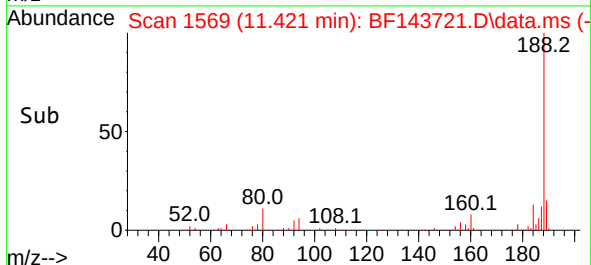
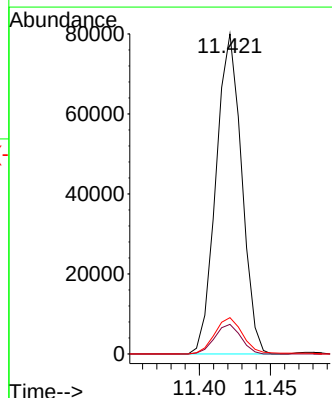
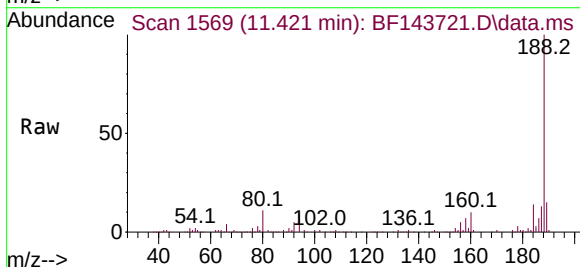
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

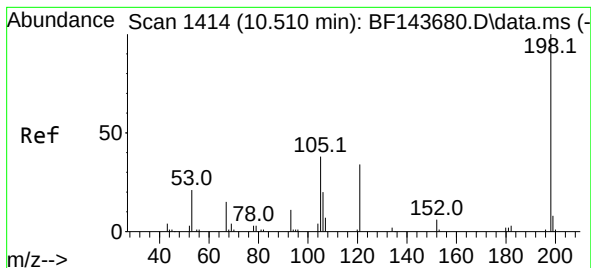
Tgt Ion: 77	Resp: 203216
Ion Ratio	Lower Upper
77 100	
182 30.2	10.8 50.8
105 25.4	3.2 43.2
51 28.6	7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:188	Resp: 100501
Ion Ratio	Lower Upper
188 100	
94 9.2	7.4 11.0
80 11.3	7.7 11.5

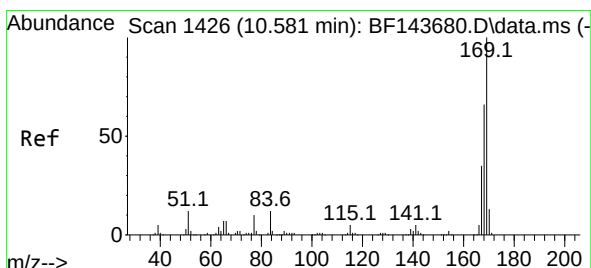
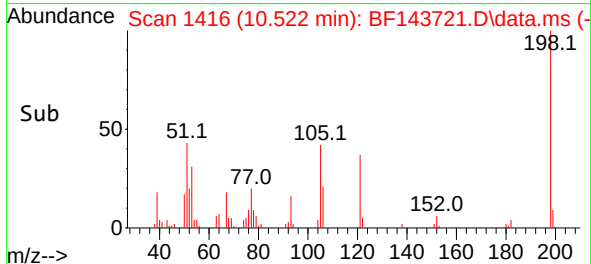
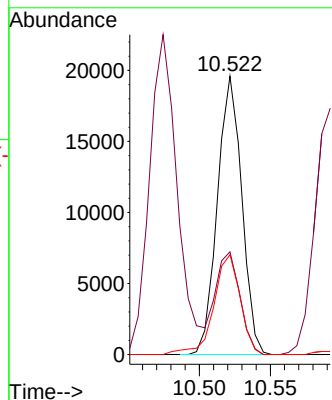
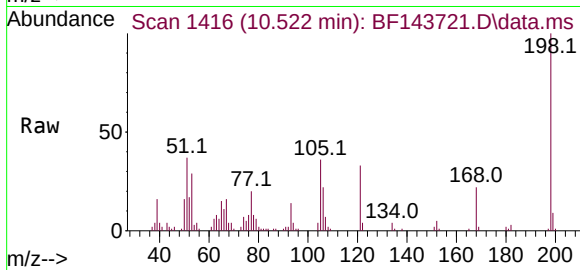




#65
4,6-Dinitro-2-methylphenol
Concen: 45.852 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

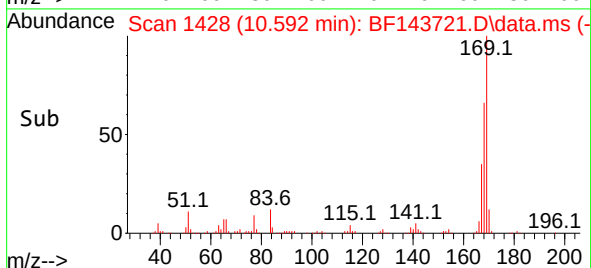
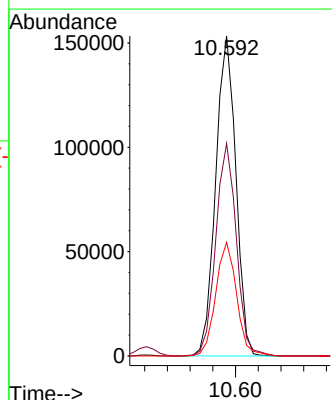
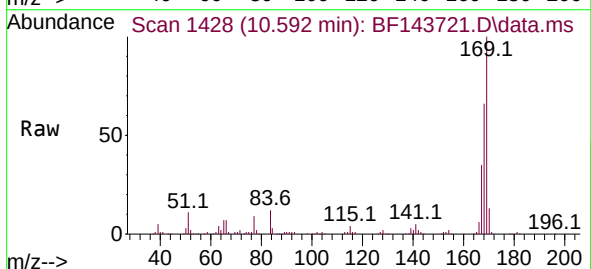
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

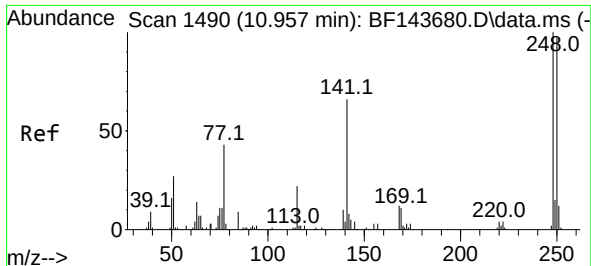
Tgt Ion:198 Resp: 23462
Ion Ratio Lower Upper
198 100
51 36.9 21.2 61.2
105 35.9 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 57.458 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:169 Resp: 189176
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 35.5 28.1 42.1

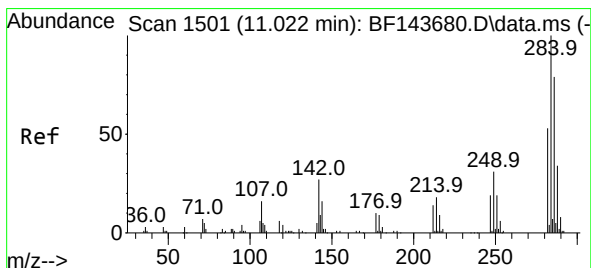
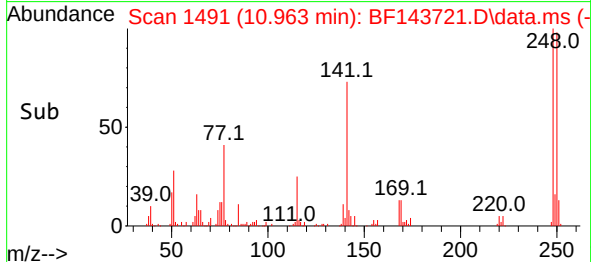
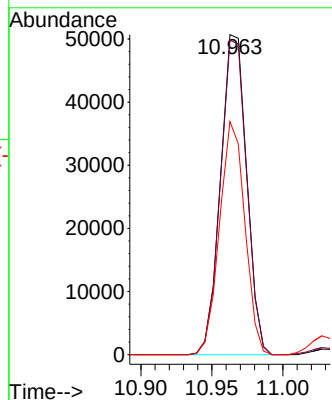
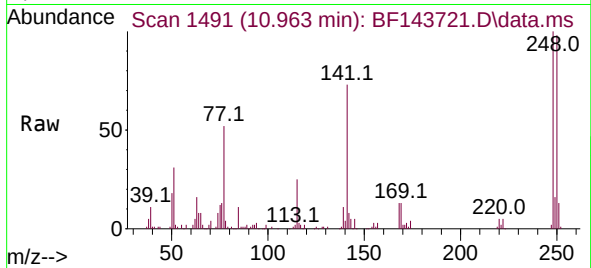




#67
4-Bromophenyl-phenylether
Concen: 53.746 ng
RT: 10.963 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

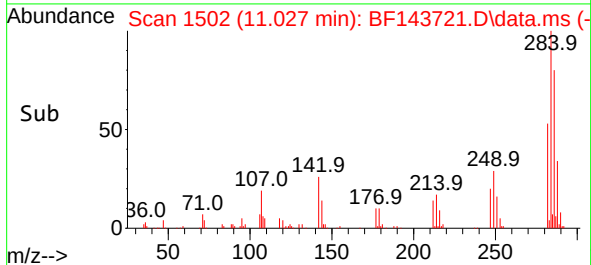
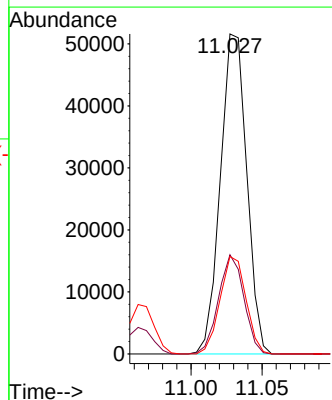
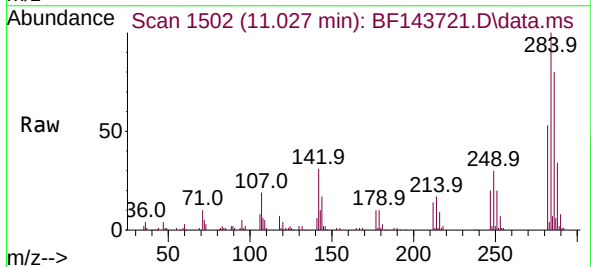
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

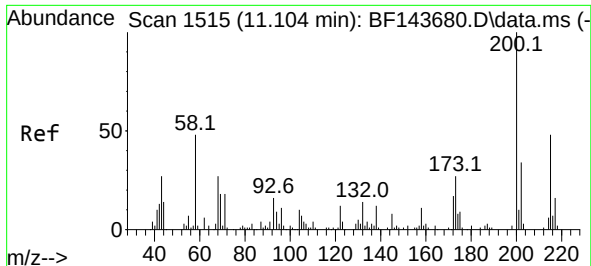
Tgt Ion:248 Resp: 65137
Ion Ratio Lower Upper
248 100
250 98.3 77.5 116.3
141 72.8 52.6 79.0



#68
Hexachlorobenzene
Concen: 52.158 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:284 Resp: 66747
Ion Ratio Lower Upper
284 100
142 31.0 21.3 31.9
249 30.4 25.0 37.4

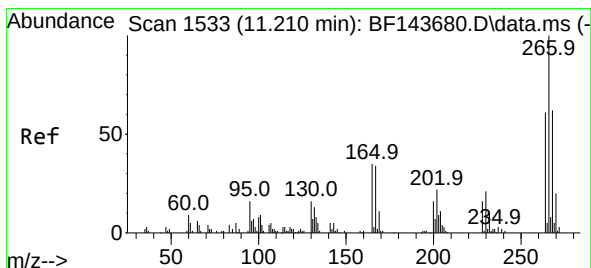
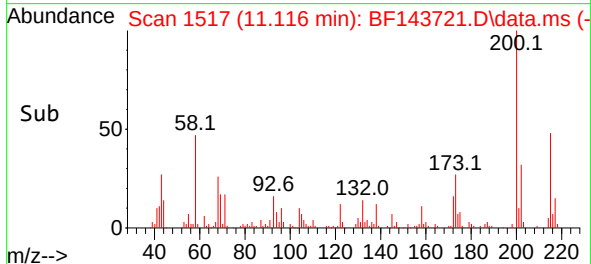
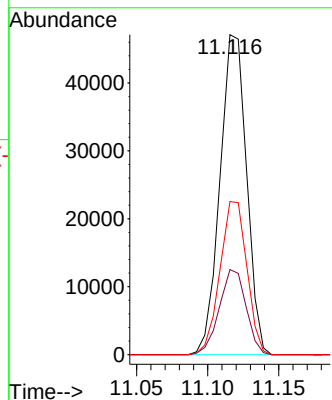
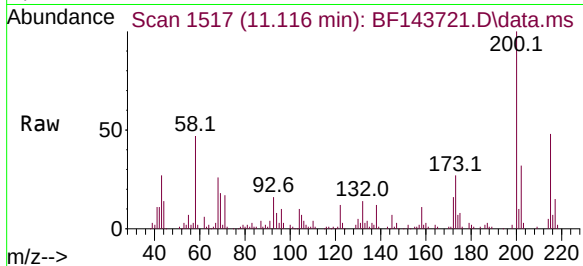




#69
 Atrazine
 Concen: 59.670 ng
 RT: 11.116 min Scan# 1517
 Delta R.T. 0.012 min
 Lab File: BF143721.D
 Acq: 11 Sep 2025 22:24

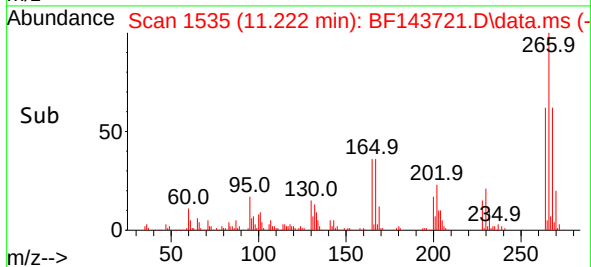
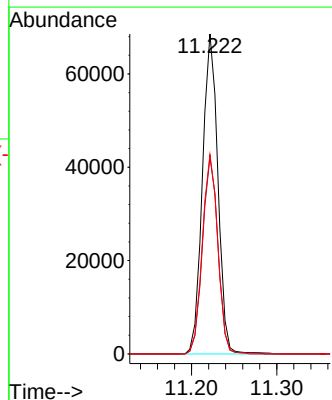
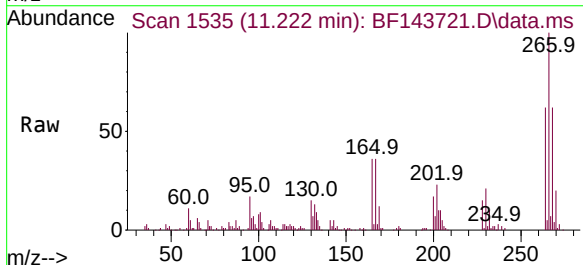
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MSD

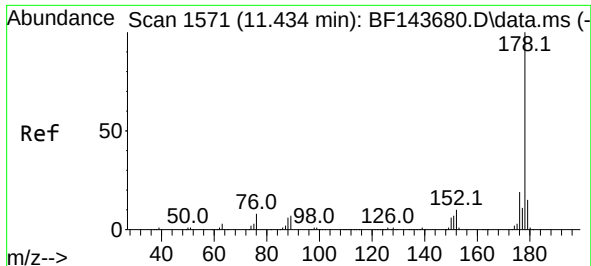
Tgt Ion:200 Resp: 61598
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.3 47.3
 215 47.8 28.5 68.5



#70
 Pentachlorophenol
 Concen: 111.565 ng
 RT: 11.222 min Scan# 1535
 Delta R.T. 0.012 min
 Lab File: BF143721.D
 Acq: 11 Sep 2025 22:24

Tgt Ion:266 Resp: 86305
 Ion Ratio Lower Upper
 266 100
 268 61.5 49.2 73.8
 264 62.3 48.6 73.0

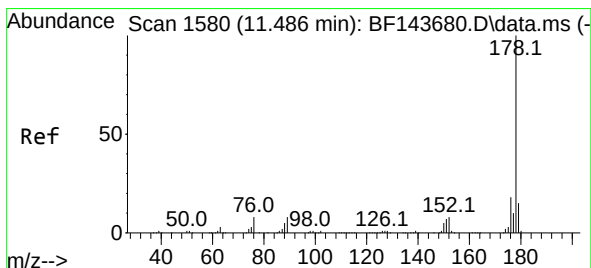
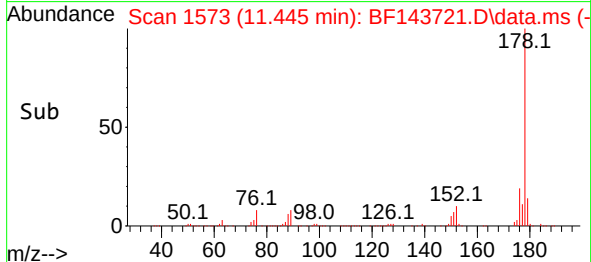
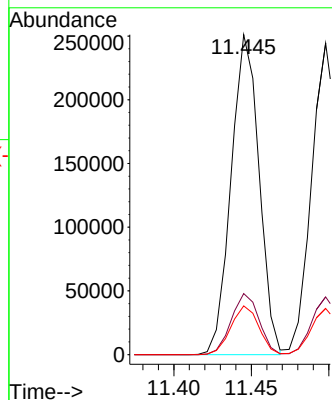
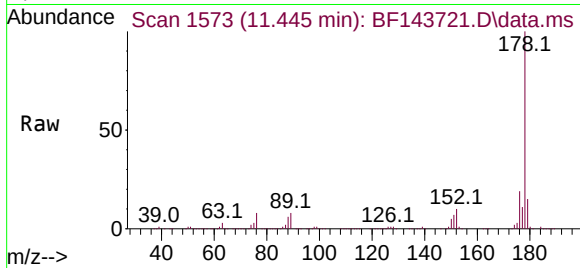




#71
Phenanthrene
Concen: 56.910 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

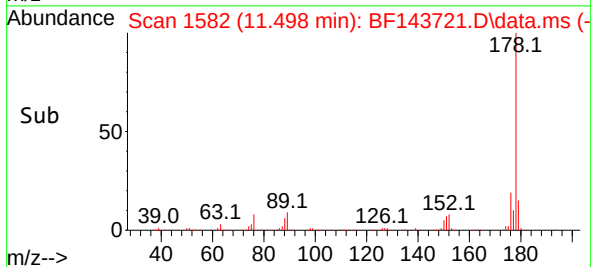
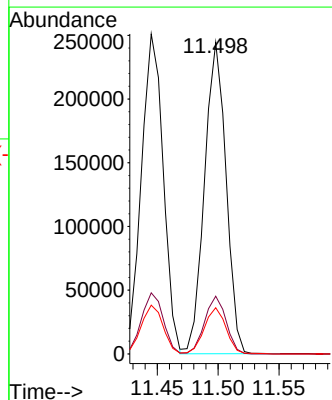
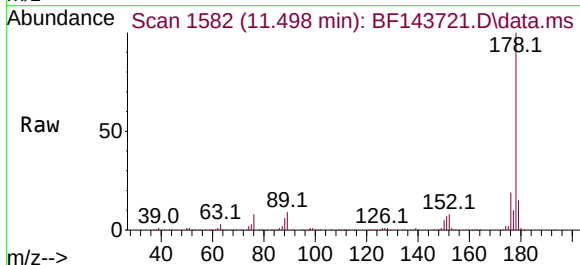
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

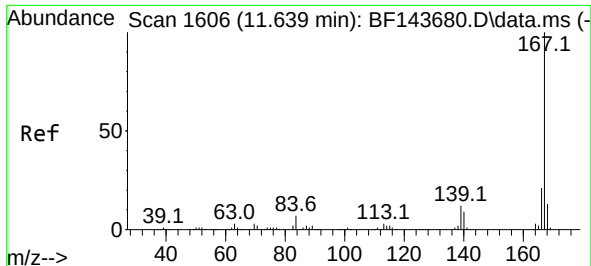
Tgt Ion:178 Resp: 315136
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.2 12.2 18.2



#72
Anthracene
Concen: 54.042 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

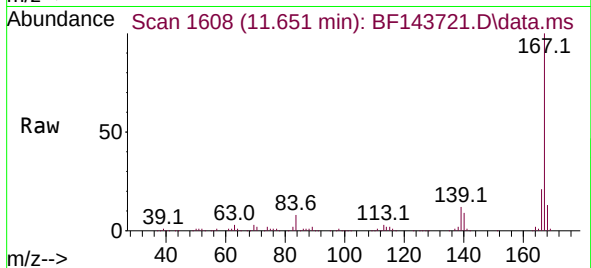
Tgt Ion:178 Resp: 300906
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 14.8 12.2 18.2



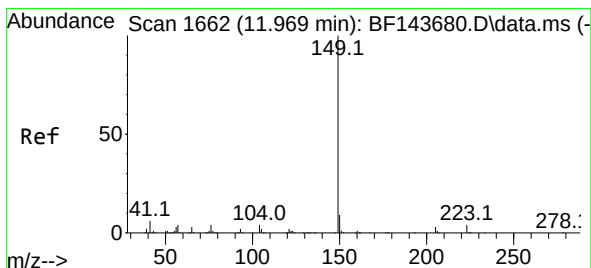
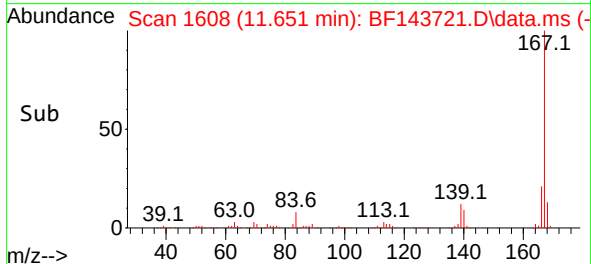
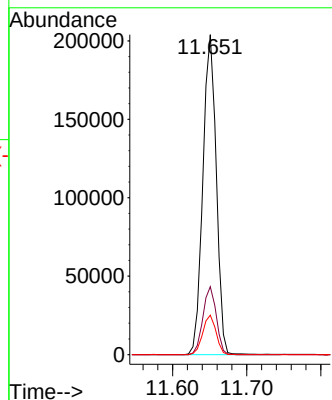


#73
Carbazole
Concen: 56.252 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

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

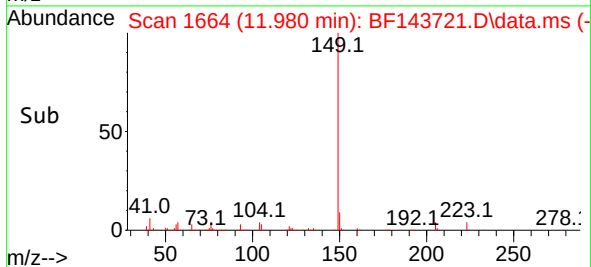
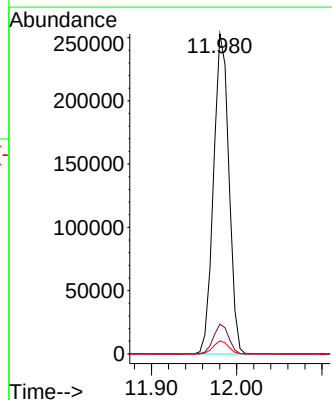
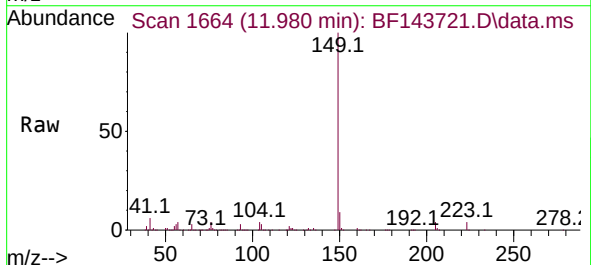


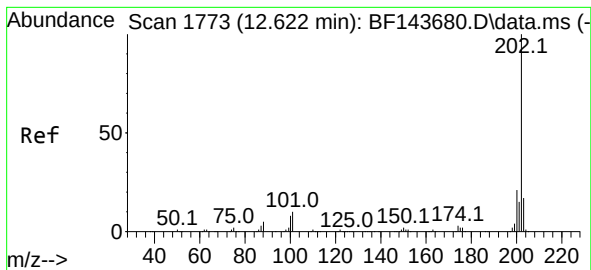
Tgt Ion:167 Resp: 256507
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.3 9.7 14.5



#74
Di-n-butylphthalate
Concen: 57.654 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:149 Resp: 316514
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.1 3.3 4.9

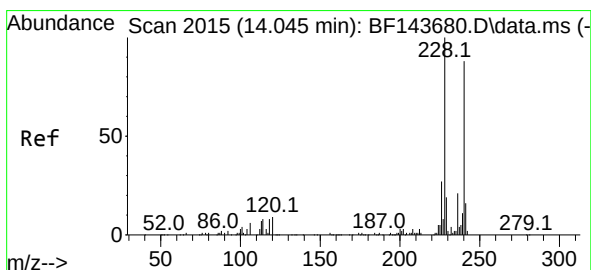
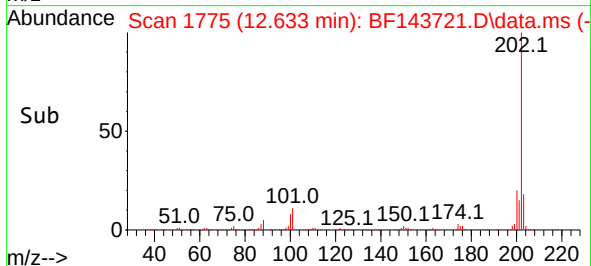
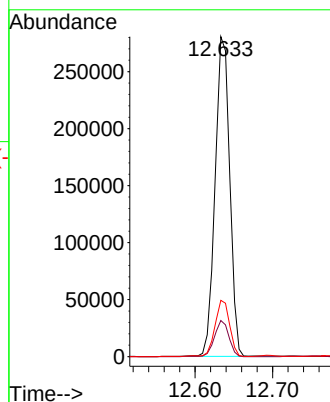
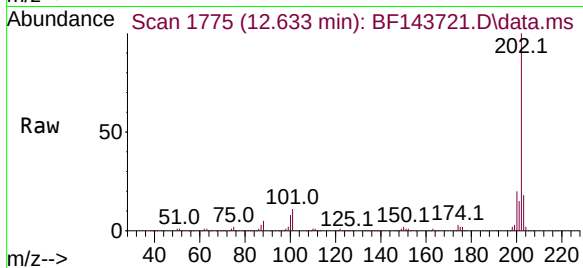




#75
Fluoranthene
Concen: 72.359 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

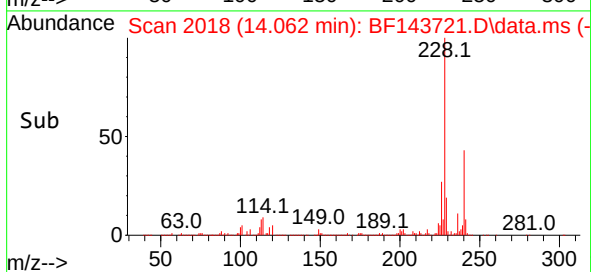
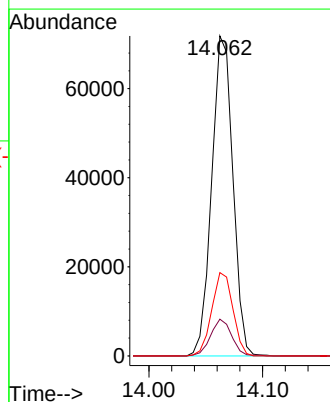
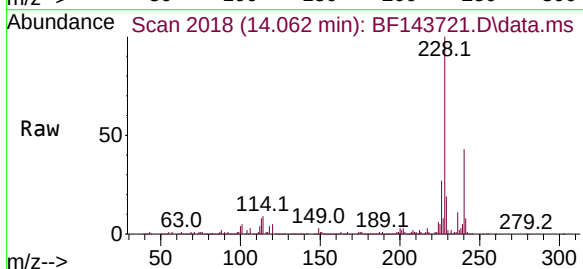
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

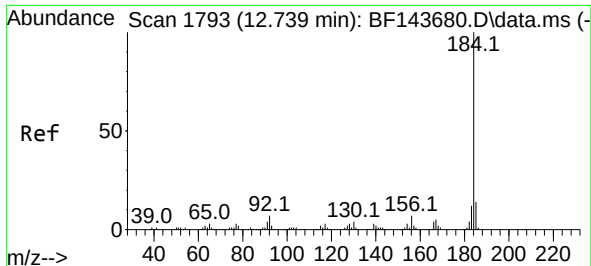
Tgt Ion:202 Resp: 367831
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 17.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.017 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:240 Resp: 93042
Ion Ratio Lower Upper
240 100
120 11.5 8.4 12.6
236 26.0 18.6 28.0

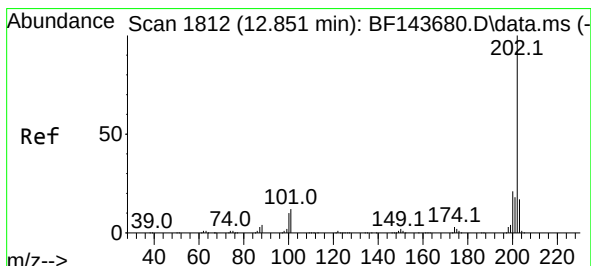
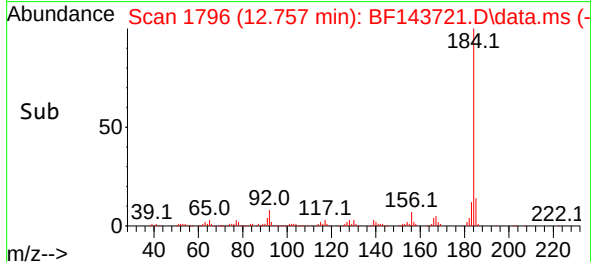
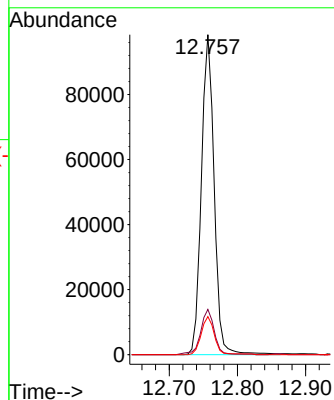
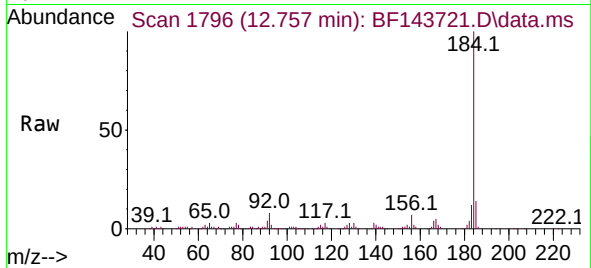




#77
Benzidine
Concen: 42.257 ng
RT: 12.757 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

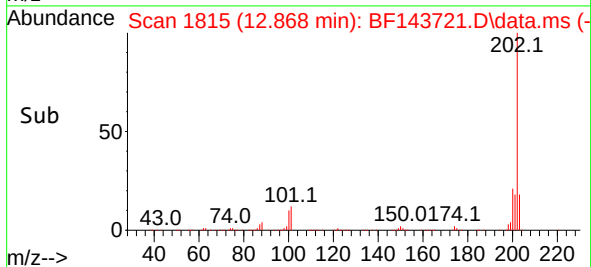
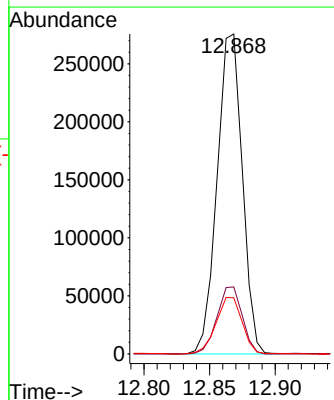
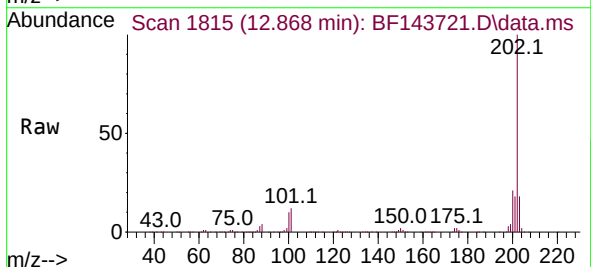
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

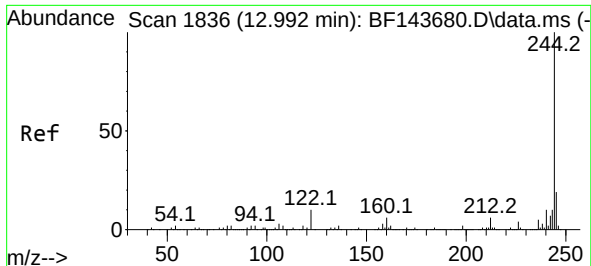
Tgt Ion:184 Resp: 128211
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.9 9.4 14.2



#78
Pyrene
Concen: 49.687 ng
RT: 12.868 min Scan# 1815
Delta R.T. 0.017 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:202 Resp: 369628
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.5 13.5 20.3

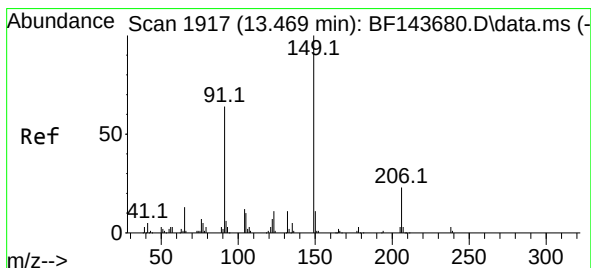
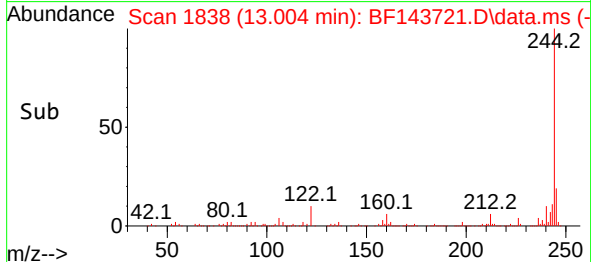
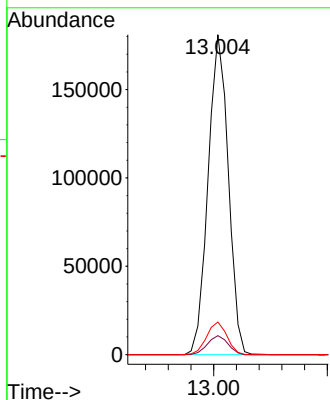
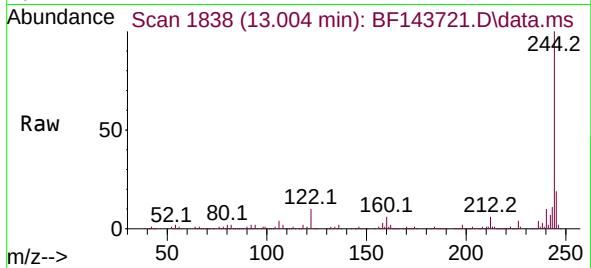




#79
Terphenyl-d14
Concen: 38.947 ng
RT: 13.004 min Scan# 1836
Delta R.T. 0.012 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

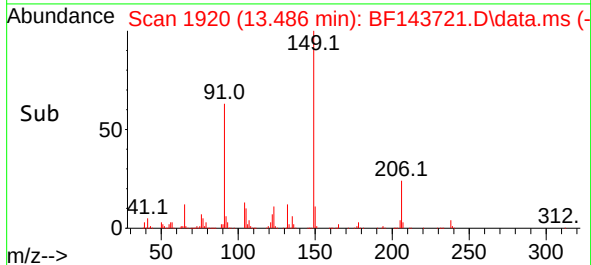
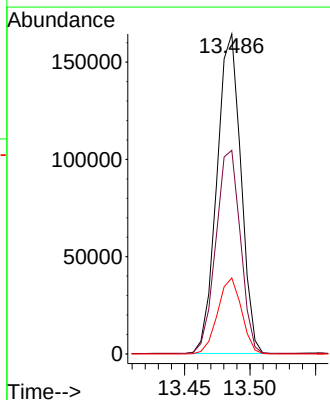
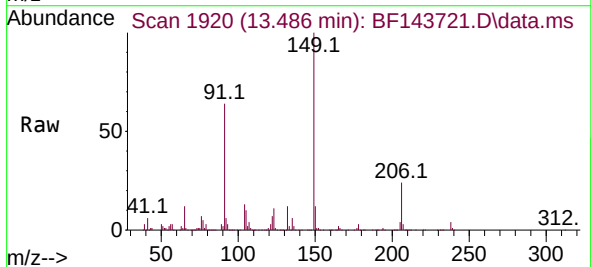
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

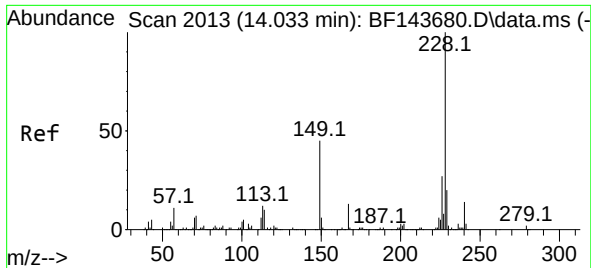
Tgt Ion:244 Resp: 223612
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.6
122 10.2 7.9 11.9



#80
Butylbenzylphthalate
Concen: 90.040 ng
RT: 13.486 min Scan# 1920
Delta R.T. 0.017 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:149 Resp: 209866
Ion Ratio Lower Upper
149 100
91 63.6 50.9 76.3
206 23.7 18.2 27.2





#81

Benzo(a)anthracene

Concen: 61.497 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

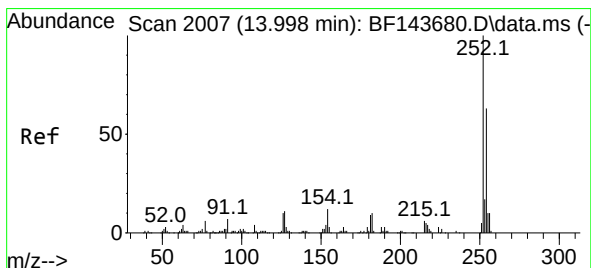
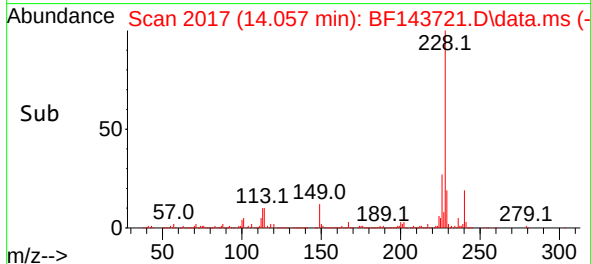
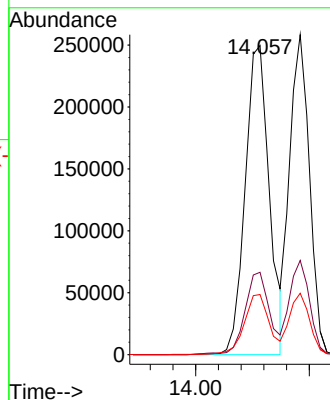
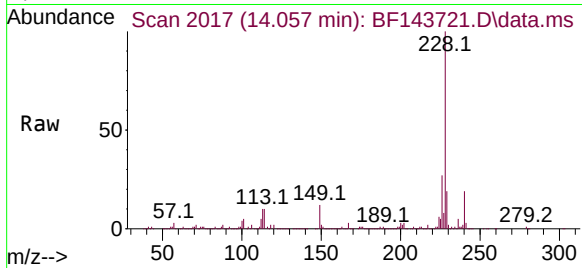
Tgt Ion:228 Resp: 368106

Ion Ratio Lower Upper

228 100

226 26.6 21.6 32.4

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 46.485 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.017 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

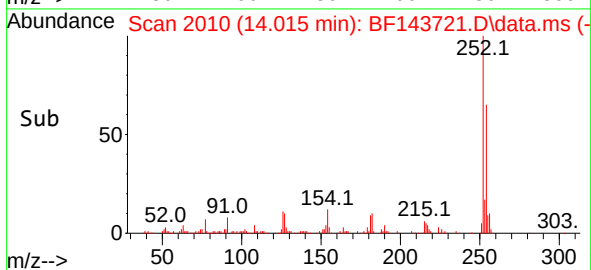
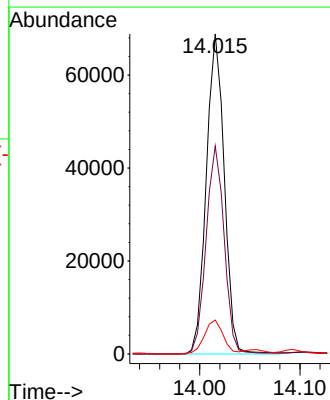
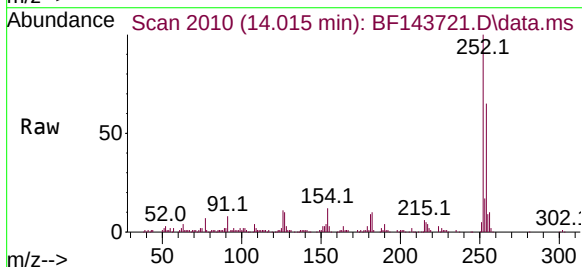
Tgt Ion:252 Resp: 85601

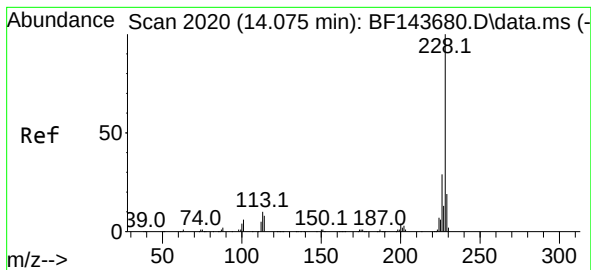
Ion Ratio Lower Upper

252 100

254 65.0 50.5 75.7

126 10.6 8.2 12.4





#83

Chrysene

Concen: 56.791 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.017 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

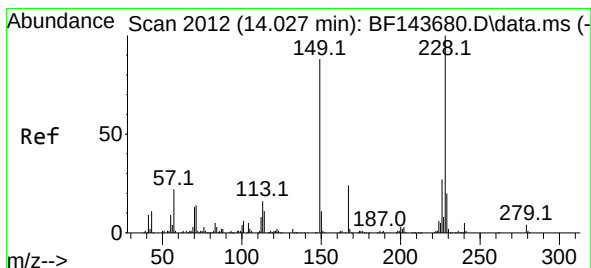
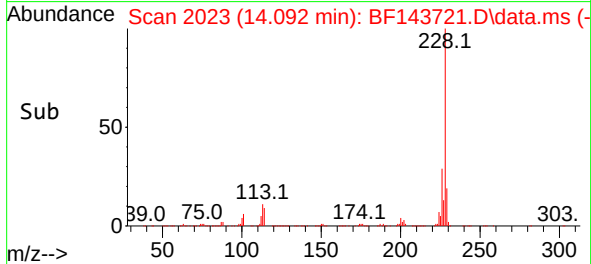
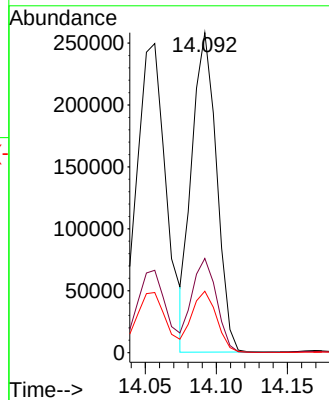
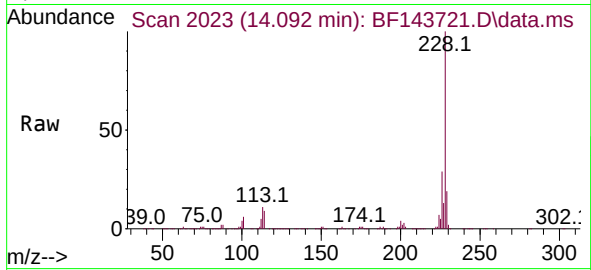
Tgt Ion:228 Resp: 311340

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

229 19.2 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.526 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.017 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

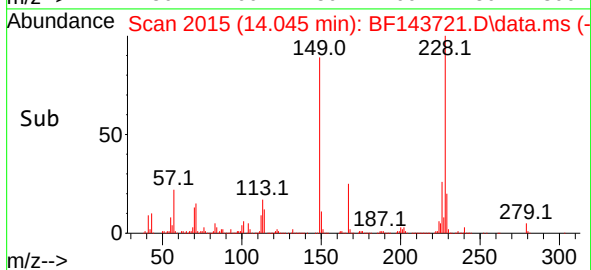
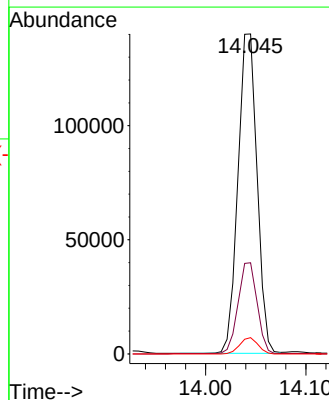
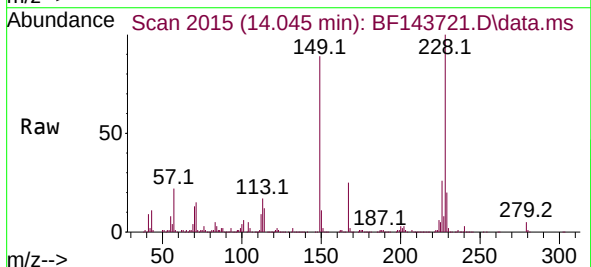
Tgt Ion:149 Resp: 184658

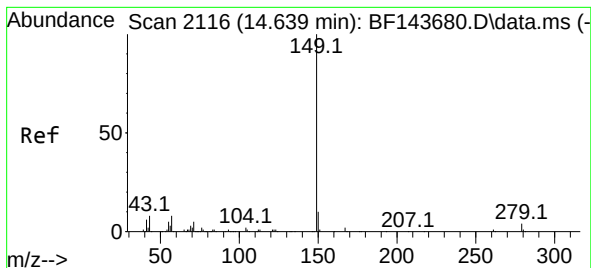
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 53.369 ng

RT: 14.657 min Scan# 2116

Delta R.T. 0.017 min

Lab File: BF143721.D

Acq: 11 Sep 2025 22:24

Instrument :

BNA_F

ClientSampleId :

MOO-25-0254-0256MSD

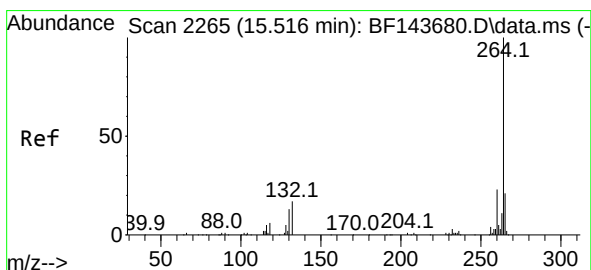
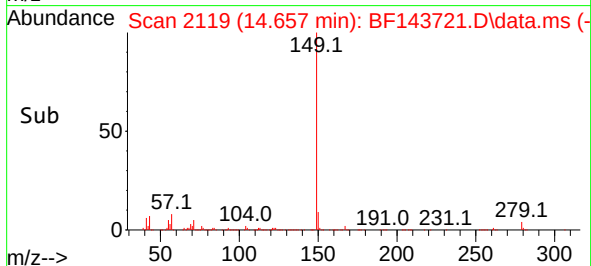
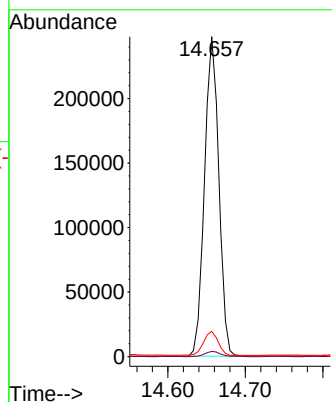
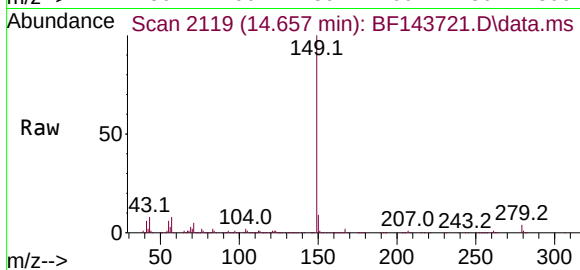
Tgt Ion:149 Resp: 318054

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 7.6 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: BF143721.D

Acq: 11 Sep 2025 22:24

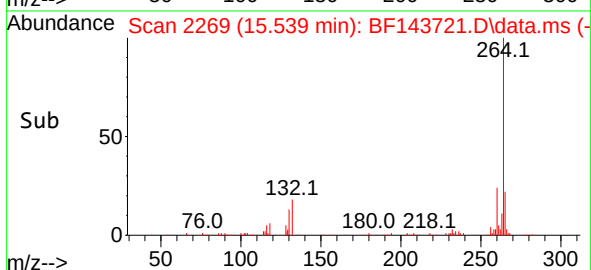
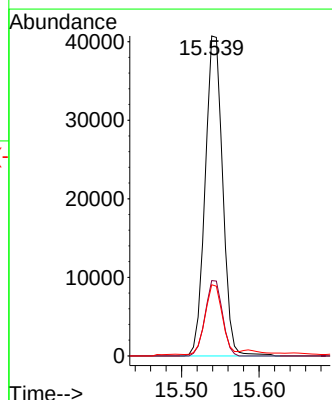
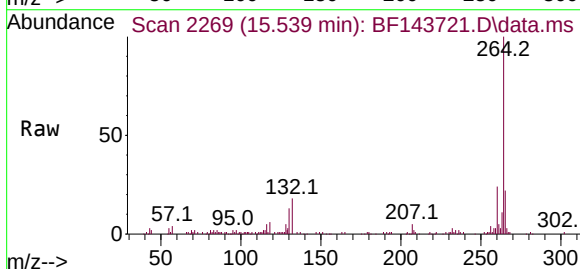
Tgt Ion:264 Resp: 63866

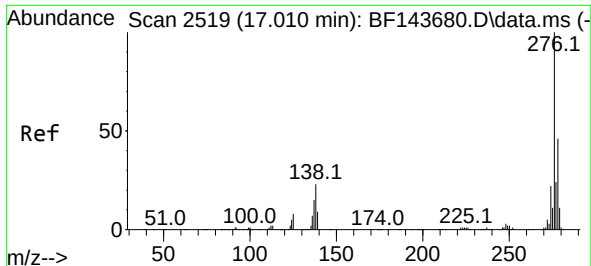
Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 22.2 17.1 25.7

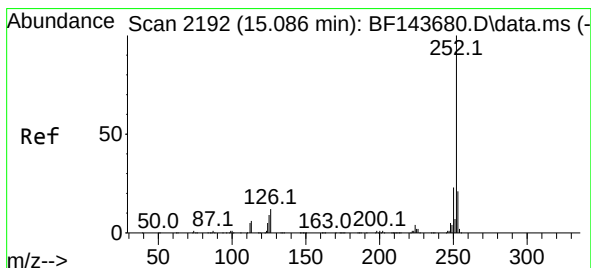
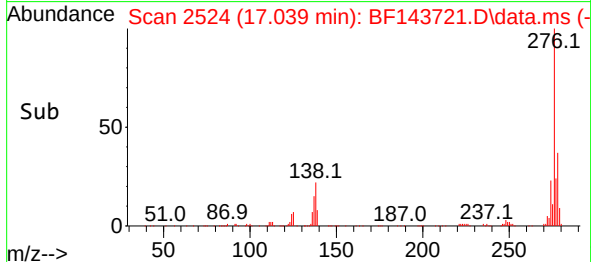
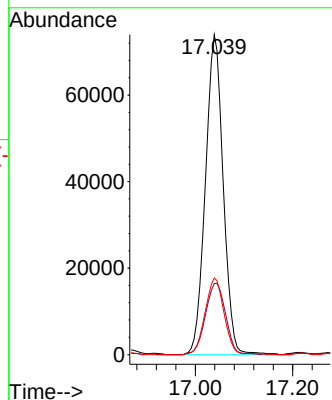
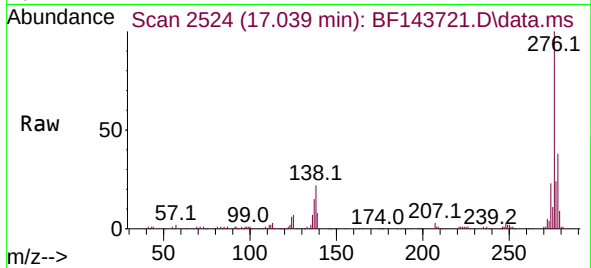




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.084 ng
 RT: 17.039 min Scan# 2196
 Delta R.T. 0.029 min
 Lab File: BF143721.D
 Acq: 11 Sep 2025 22:24

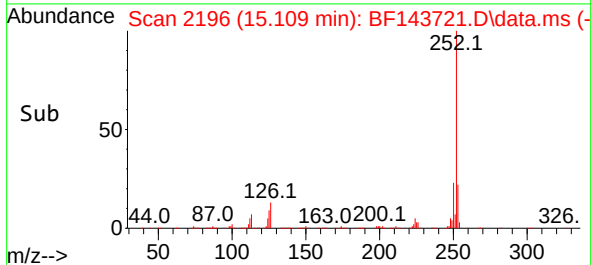
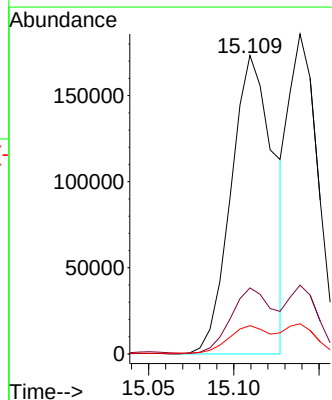
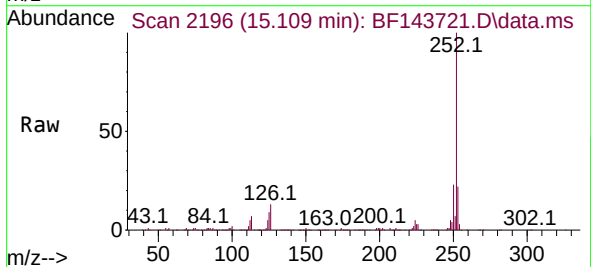
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0254-0256MSD

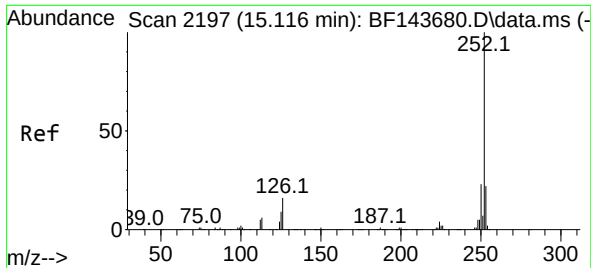
Tgt Ion:276 Resp: 187792
 Ion Ratio Lower Upper
 276 100
 138 25.3 19.7 29.5
 277 25.5 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 79.478 ng
 RT: 15.109 min Scan# 2196
 Delta R.T. 0.023 min
 Lab File: BF143721.D
 Acq: 11 Sep 2025 22:24

Tgt Ion:252 Resp: 302163
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.4
 125 9.4 7.4 11.0

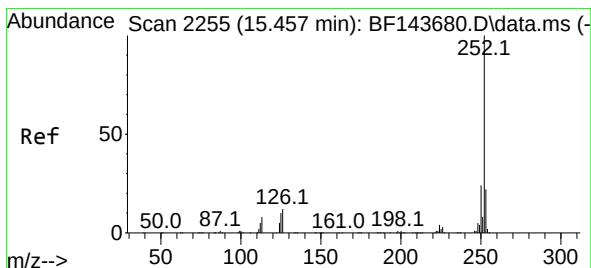
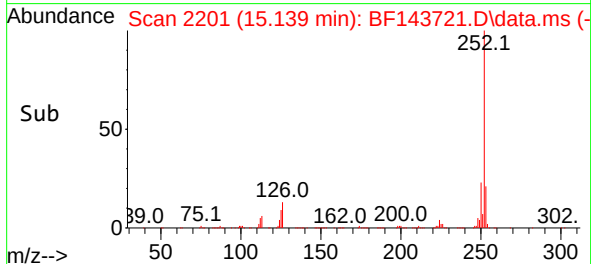
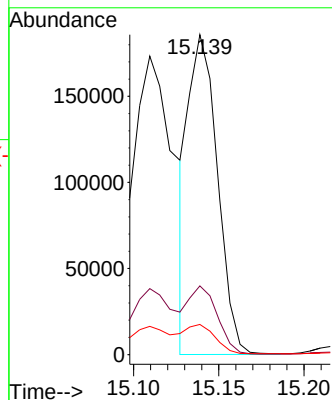
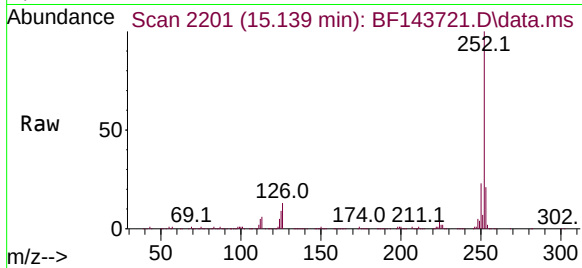




#89
Benzo(k)fluoranthene
Concen: 64.372 ng
RT: 15.139 min Scan# 2197
Delta R.T. 0.023 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

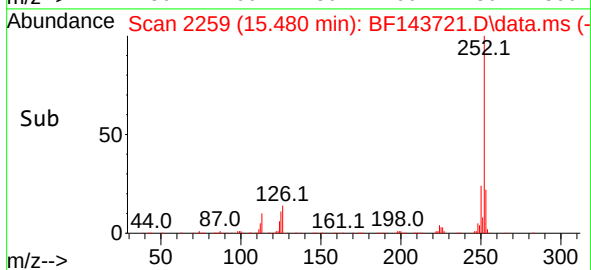
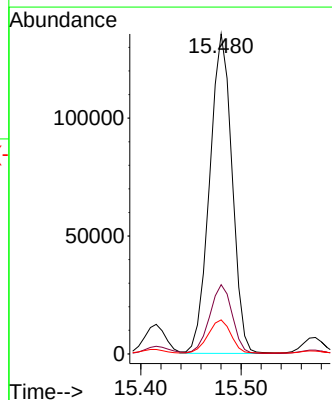
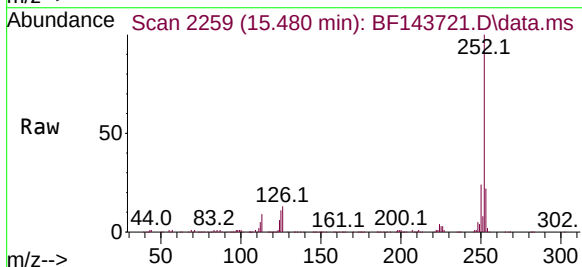
Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

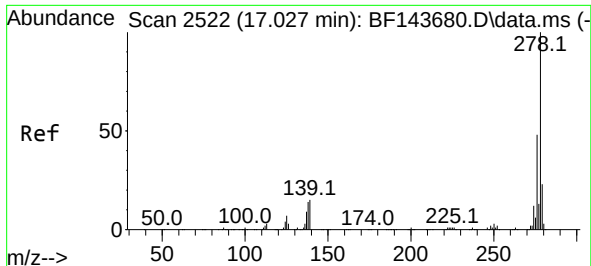
Tgt Ion:252 Resp: 220872
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 63.051 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.023 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

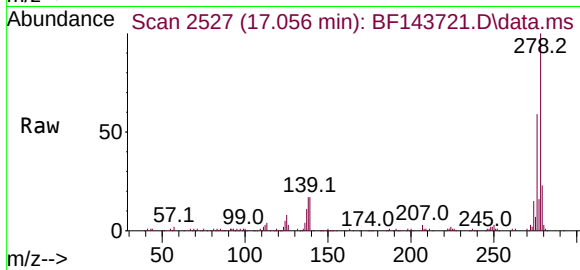
Tgt Ion:252 Resp: 210590
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.6 8.2 12.4



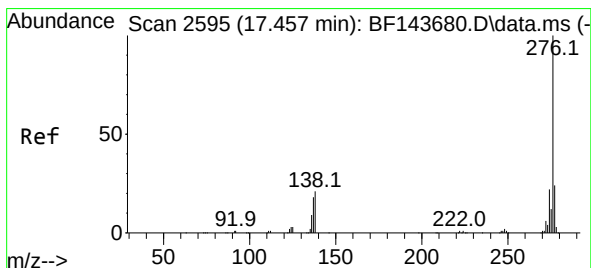
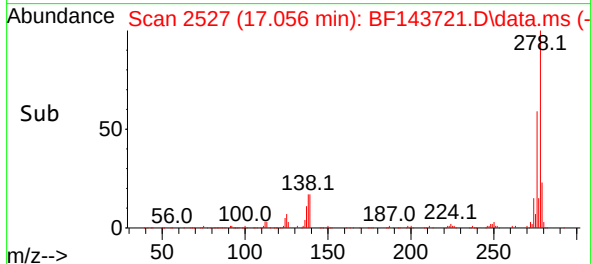
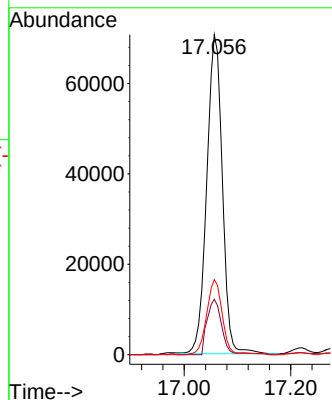


#91
Dibenzo(a,h)anthracene
Concen: 39.684 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

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



Tgt Ion:278 Resp: 143508
Ion Ratio Lower Upper
278 100
139 17.3 12.2 18.4
279 23.4 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 44.297 ng
RT: 17.492 min Scan# 2601
Delta R.T. 0.035 min
Lab File: BF143721.D
Acq: 11 Sep 2025 22:24

Tgt Ion:276 Resp: 149837
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 22.2 17.0 25.4

