

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143695.D
 Acq On : 10 Sep 2025 10:49
 Operator : RC/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 8 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 10 11:39:11 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	6.887	152	46667	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	185966	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	108417	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	188935	20.000	ng	0.00
76) Chrysene-d12	14.045	240	113275	20.000	ng	0.00
86) Perylene-d12	15.521	264	109238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	376112	137.506	ng	0.00
7) Phenol-d6	6.510	99	467398	140.342	ng	0.00
23) Nitrobenzene-d5	7.451	82	292911	97.971	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	154871	141.745	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	668279	93.114	ng	0.00
79) Terphenyl-d14	12.998	244	726514	103.936	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	10823	8.871	ng	99
3) Pyridine	3.469	79	25493	8.088	ng	99
4) n-Nitrosodimethylamine	3.369	42	10662	8.906	ng	88
6) Aniline	6.551	93	39122	8.869	ng	99
8) 2-Chlorophenol	6.675	128	24897	8.428	ng	95
9) Benzaldehyde	6.440	77	21249	7.908	ng	99
10) Phenol	6.522	94	34045	9.248	ng	# 77
11) bis(2-Chloroethyl)ether	6.622	93	23650	8.601	ng	99
12) 1,3-Dichlorobenzene	6.828	146	31078	9.199	ng	98
13) 1,4-Dichlorobenzene	6.904	146	30746	9.016	ng	99
14) 1,2-Dichlorobenzene	7.057	146	29393	9.127	ng	98
15) Benzyl Alcohol	7.022	79	20729	8.557	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29904	8.313	ng	96
17) 2-Methylphenol	7.122	107	21030	8.849	ng	98
18) Hexachloroethane	7.404	117	9666	8.775	ng	93
19) n-Nitroso-di-n-propyla...	7.293	70	18427	9.009	ng	98
20) 3+4-Methylphenols	7.281	107	26963	8.616	ng	92
22) Acetophenone	7.293	105	36505	8.692	ng	98
24) Nitrobenzene	7.463	77	26487	8.544	ng	96
25) Isophorone	7.698	82	49235	8.588	ng	99
26) 2-Nitrophenol	7.781	139	12269	8.049	ng	99
27) 2,4-Dimethylphenol	7.810	122	24980	9.129	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	29620	8.407	ng	100
29) 2,4-Dichlorophenol	8.016	162	22292	8.099	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	24480	8.585	ng	95
31) Naphthalene	8.192	128	76476	8.307	ng	99
32) Benzoic acid	7.857	122	9531	5.709	ng	98
33) 4-Chloroaniline	8.234	127	30083	9.387	ng	97
34) Hexachlorobutadiene	8.310	225	15448	8.306	ng	99
35) Caprolactam	8.563	113	6241	8.519	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	22903	8.439	ng	100
37) 2-Methylnaphthalene	8.881	142	47537	7.543	ng	99
38) 1-Methylnaphthalene	8.981	142	49374	8.164	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	26214	8.446	ng	100
41) Hexachlorocyclopentadiene	9.034	237	15600	9.790	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	16535	7.978	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143695.D
 Acq On : 10 Sep 2025 10:49
 Operator : RC/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 8 PPM
 ALS Vial : 4 Sample Multiplier: 1

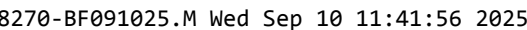
Instrument :
 BNA_F
 ClientSampleId :

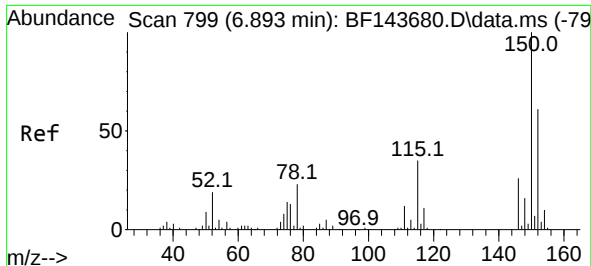
Quant Time: Sep 10 11:39:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	18207	8.641	ng	98
46) 1,1'-Biphenyl	9.345	154	67860	8.694	ng	98
47) 2-Chloronaphthalene	9.369	162	51735	8.455	ng	99
48) 2-Nitroaniline	9.457	65	12815	7.914	ng	98
49) Acenaphthylene	9.787	152	82512	9.414	ng	99
50) Dimethylphthalate	9.639	163	60594	8.590	ng	99
51) 2,6-Dinitrotoluene	9.698	165	11899	8.823	ng	96
52) Acenaphthene	9.957	154	49150	8.138	ng	99
53) 3-Nitroaniline	9.863	138	13060	8.998	ng	93
54) 2,4-Dinitrophenol	9.969	184	3830	10.504	ng	# 1
55) Dibenzofuran	10.128	168	74930	8.627	ng	98
56) 4-Nitrophenol	10.010	139	8668	7.507	ng	96
57) 2,4-Dinitrotoluene	10.098	165	15255	8.311	ng	94
58) Fluorene	10.469	166	60102	8.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	15204	8.899	ng	98
60) Diethylphthalate	10.339	149	58604	8.849	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	29822	8.649	ng	99
62) 4-Nitroaniline	10.475	138	12114	8.812	ng	92
63) Azobenzene	10.628	77	51374	8.775	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	6044	6.283	ng	97
66) n-Nitrosodiphenylamine	10.581	169	50786	8.205	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	17856	7.837	ng	97
68) Hexachlorobenzene	11.016	284	20042	8.331	ng	99
69) Atrazine	11.098	200	15568	8.022	ng	98
70) Pentachlorophenol	11.210	266	9547	6.565	ng	93
71) Phenanthrene	11.433	178	86267	8.287	ng	99
72) Anthracene	11.486	178	90288	8.626	ng	100
73) Carbazole	11.633	167	73209	8.540	ng	99
74) Di-n-butylphthalate	11.969	149	87363	8.465	ng	99
75) Fluoranthene	12.622	202	80614	8.435	ng	100
77) Benzidine	12.739	184	30711	8.314	ng	96
78) Pyrene	12.851	202	79743	8.805	ng	99
80) Butylbenzylphthalate	13.469	149	21968	7.742	ng	98
81) Benzo(a)anthracene	14.033	228	59383	8.149	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	18005	8.031	ng	99
83) Chrysene	14.069	228	54745	8.202	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	31195	7.705	ng	99
85) Di-n-octyl phthalate	14.639	149	47696	6.574	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	55057	7.385	ng	99
88) Benzo(b)fluoranthene	15.086	252	52032	8.002	ng	98
89) Benzo(k)fluoranthene	15.086	252	52032	8.866	ng	99
90) Benzo(a)pyrene	15.457	252	48001	8.402	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	45805	7.405	ng	98
92) Benzo(g,h,i)perylene	17.445	276	43841	7.578	ng	97

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

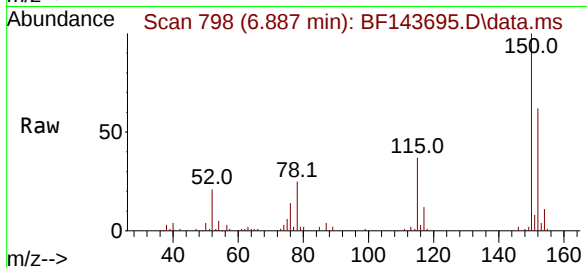
Quant Time: Sep 10 11:39:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



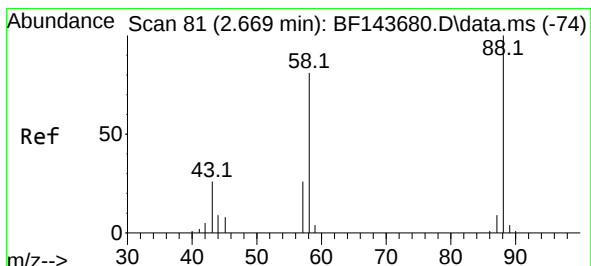
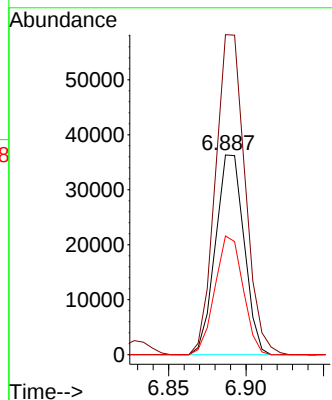
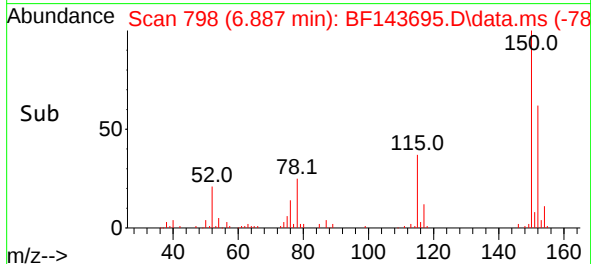


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49

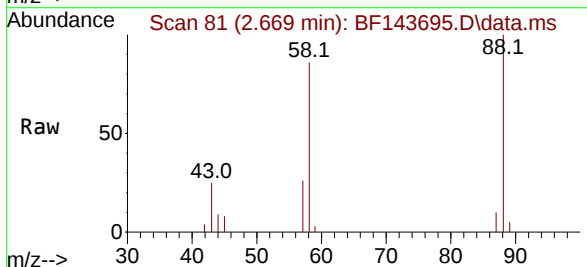
Instrument :
 BNA_F
 ClientSampleId :



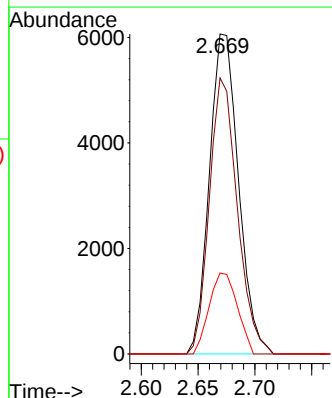
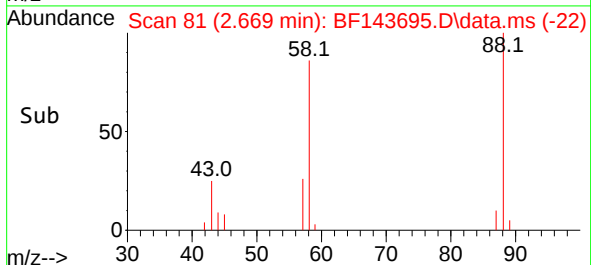
Tgt Ion:152 Resp: 46667
 Ion Ratio Lower Upper
 152 100
 150 160.2 130.7 196.1
 115 59.4 45.9 68.9

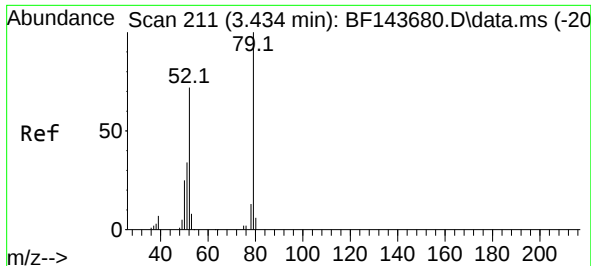


#2
 1,4-Dioxane
 Concen: 8.871 ng
 RT: 2.669 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49



Tgt Ion: 88 Resp: 10823
 Ion Ratio Lower Upper
 88 100
 58 82.9 65.8 98.6
 43 24.4 20.6 31.0





#3

Pyridine

Concen: 8.088 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.035 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

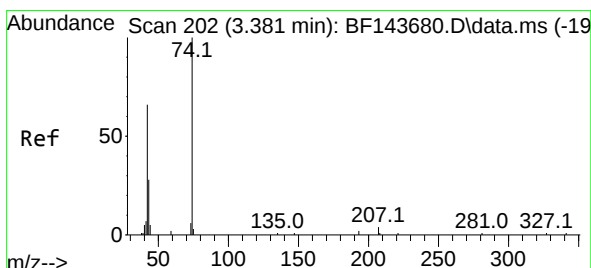
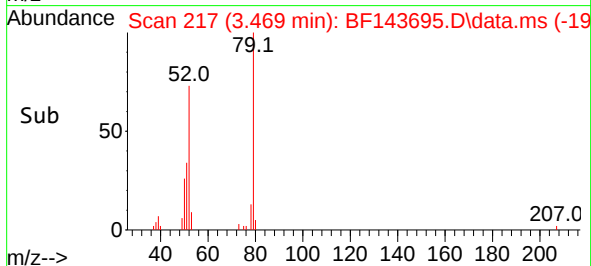
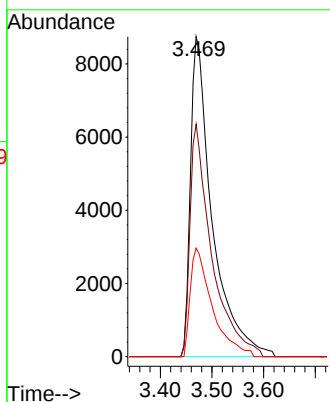
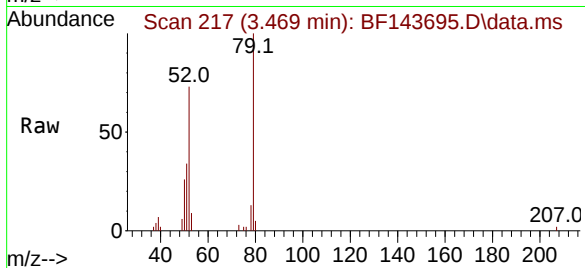
Tgt Ion: 79 Resp: 25493

Ion Ratio Lower Upper

79 100

52 72.6 57.2 85.8

51 33.9 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 8.906 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.012 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

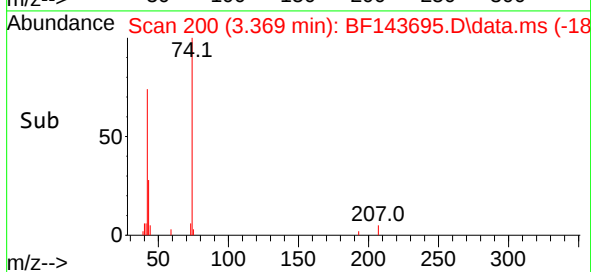
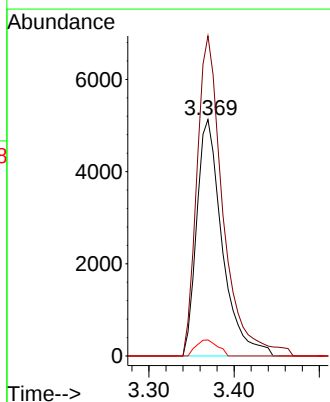
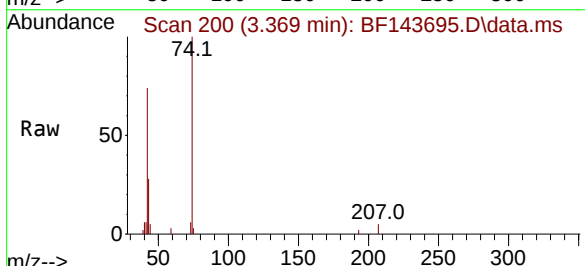
Tgt Ion: 42 Resp: 10662

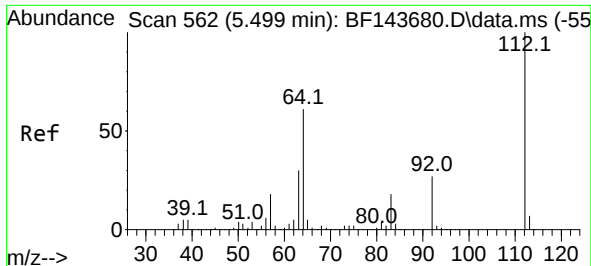
Ion Ratio Lower Upper

42 100

74 135.3 120.9 181.3

44 6.8 6.5 9.7

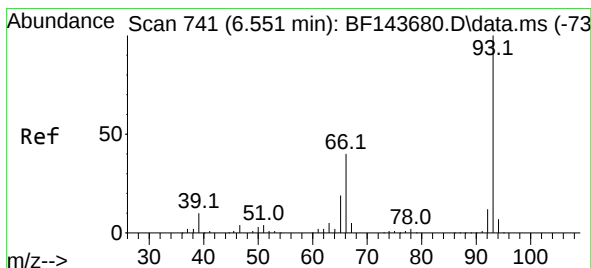
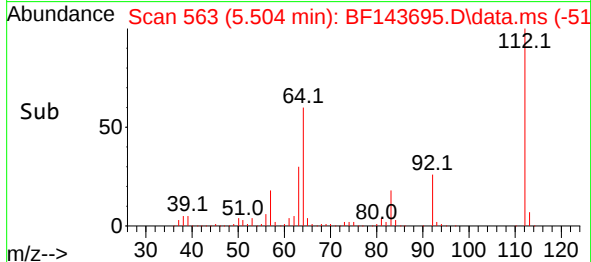
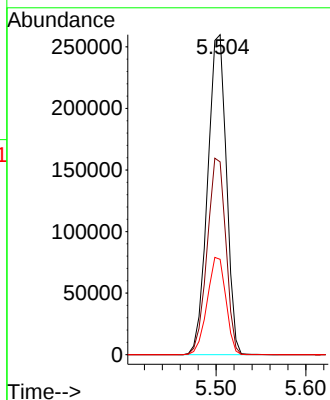
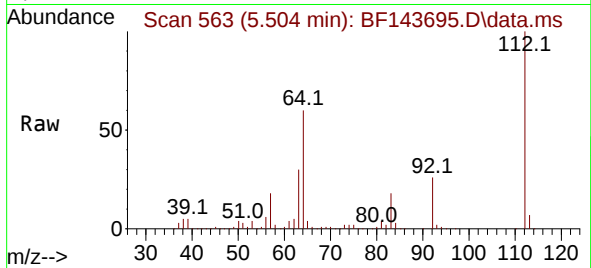




#5
2-Fluorophenol
Concen: 137.506 ng
RT: 5.504 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

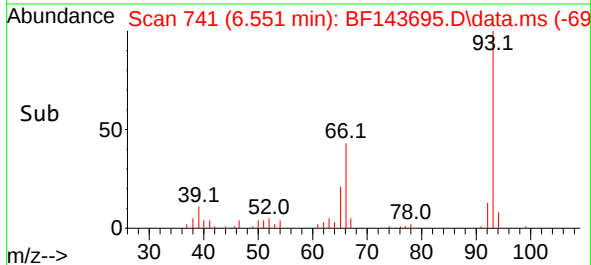
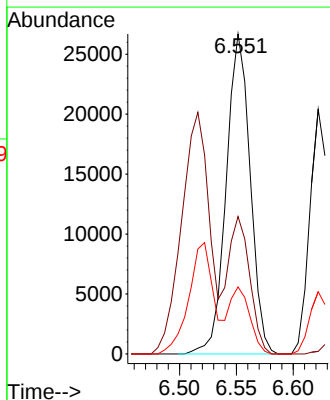
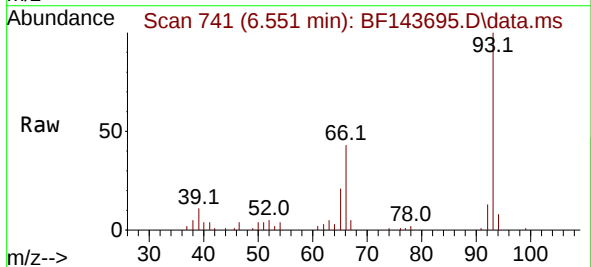
Instrument :
BNA_F
ClientSampleId :

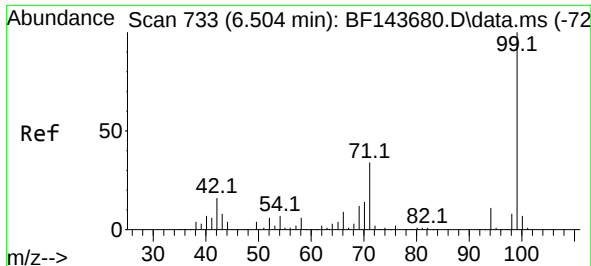
Tgt Ion:112 Resp: 376112
Ion Ratio Lower Upper
112 100
64 60.2 49.0 73.4
63 29.8 24.3 36.5



#6
Aniline
Concen: 8.869 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion: 93 Resp: 39122
Ion Ratio Lower Upper
93 100
66 42.9 34.1 51.1
65 21.0 16.1 24.1





#7

Phenol-d6

Concen: 140.342 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

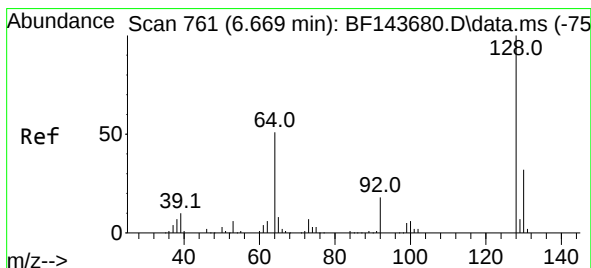
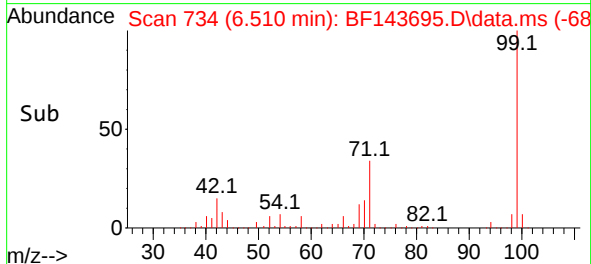
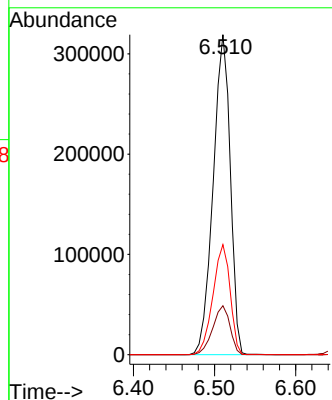
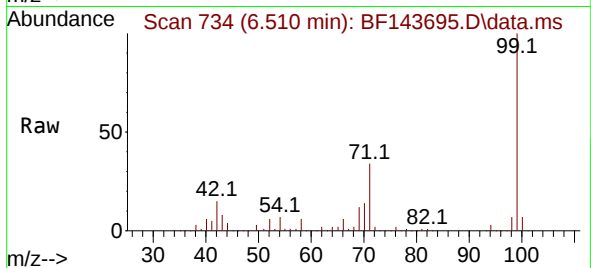
Tgt Ion: 99 Resp: 467398

Ion Ratio Lower Upper

99 100

42 15.3 13.0 19.4

71 34.4 27.4 41.2



#8

2-Chlorophenol

Concen: 8.428 ng

RT: 6.675 min Scan# 762

Delta R.T. 0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

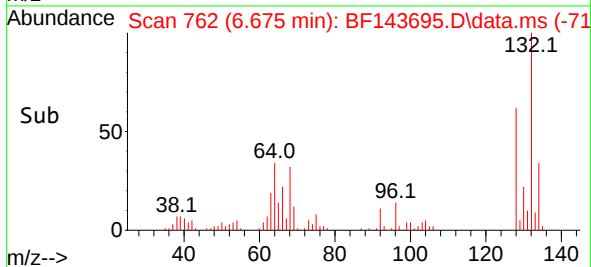
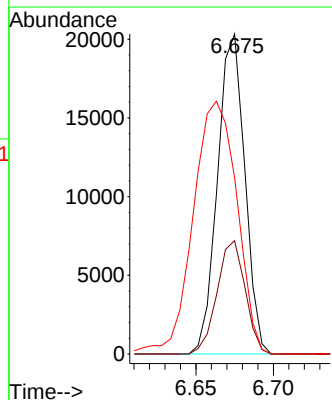
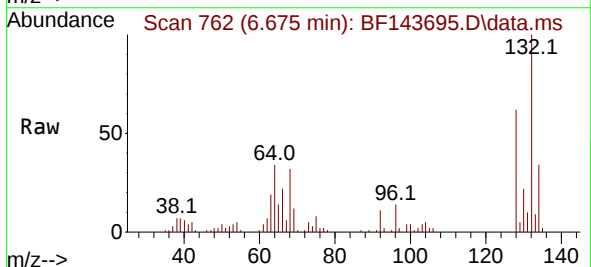
Tgt Ion:128 Resp: 24897

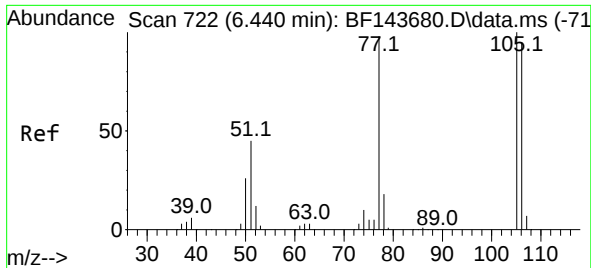
Ion Ratio Lower Upper

128 100

130 35.4 12.0 52.0

64 55.2 31.9 71.9





#9

Benzaldehyde

Concen: 7.908 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143695.D

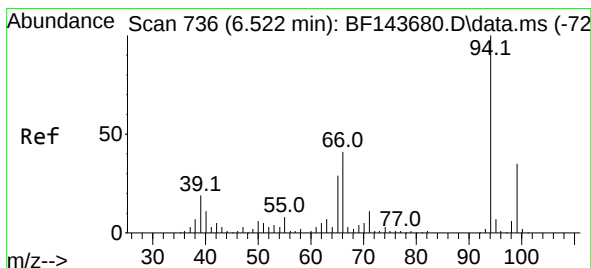
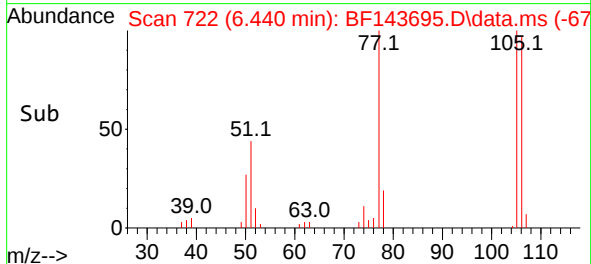
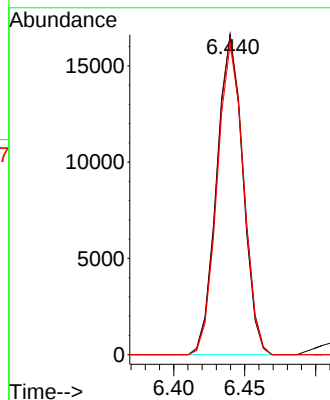
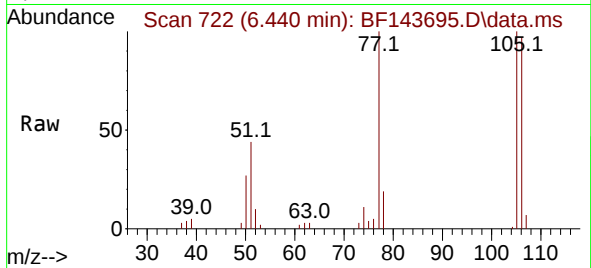
Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	77	Resp:	21249
Ion	Ratio	Lower	Upper
77	100		
105	100.0	81.7	121.7
106	97.1	76.9	116.9



#10

Phenol

Concen: 9.248 ng

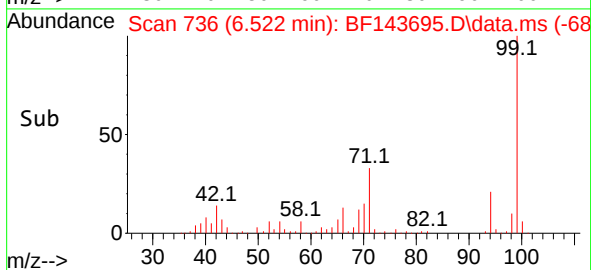
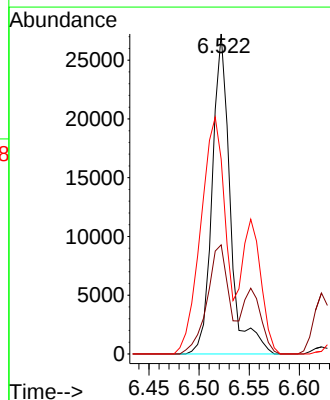
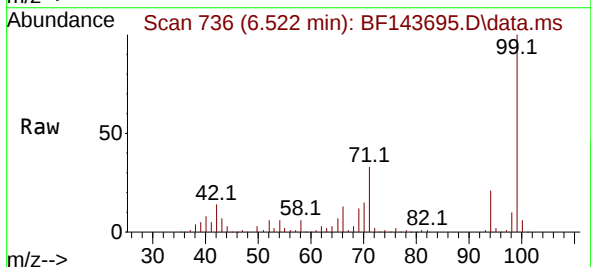
RT: 6.522 min Scan# 736

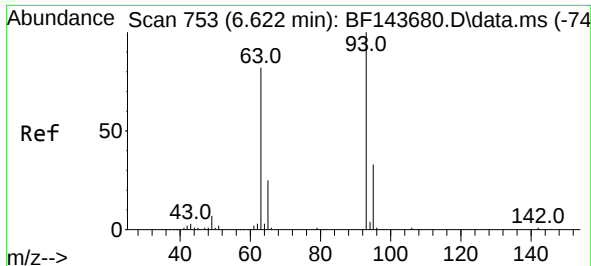
Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

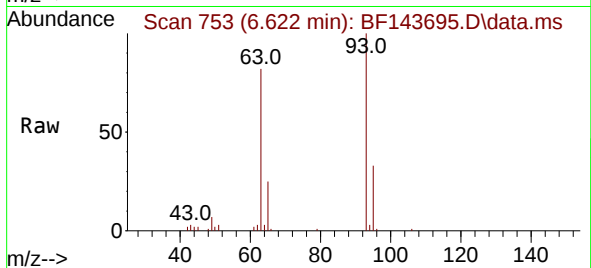
Tgt Ion:	94	Resp:	34045
Ion	Ratio	Lower	Upper
94	100		
65	34.1	9.1	49.1
66	60.9	20.8	60.8#



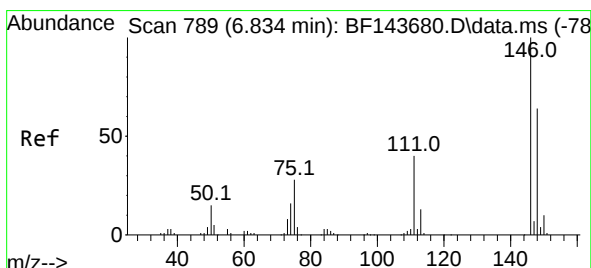
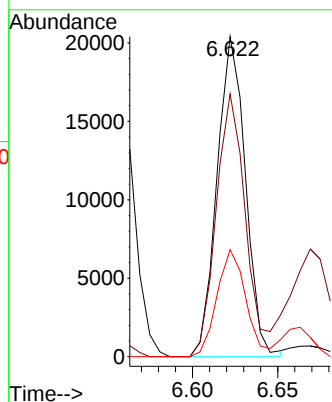
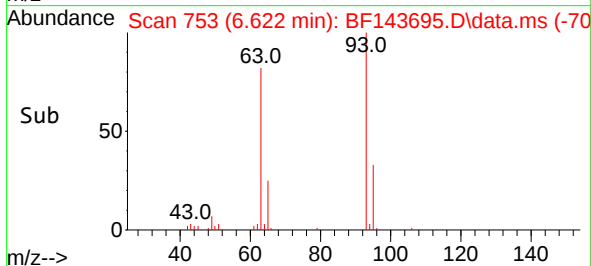


#11
bis(2-Chloroethyl)ether
Concen: 8.601 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

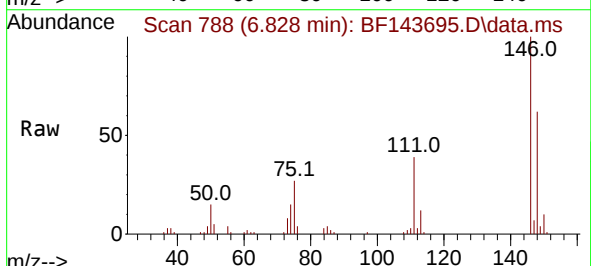
Instrument :
BNA_F
ClientSampleId :



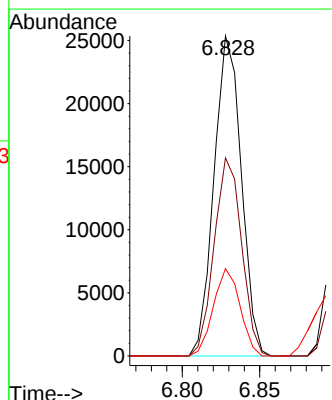
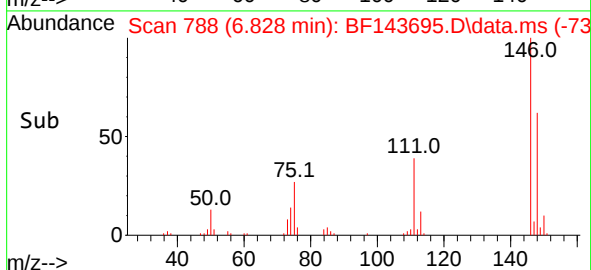
Tgt Ion: 93 Resp: 23650
Ion Ratio Lower Upper
93 100
63 82.1 61.8 101.8
95 33.4 12.6 52.6

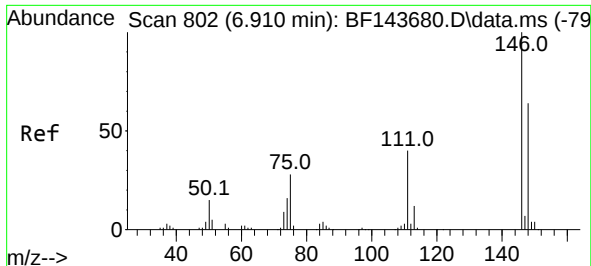


#12
1,3-Dichlorobenzene
Concen: 9.199 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49



Tgt Ion: 146 Resp: 31078
Ion Ratio Lower Upper
146 100
148 61.9 51.0 76.4
75 27.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 9.016 ng

RT: 6.904 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

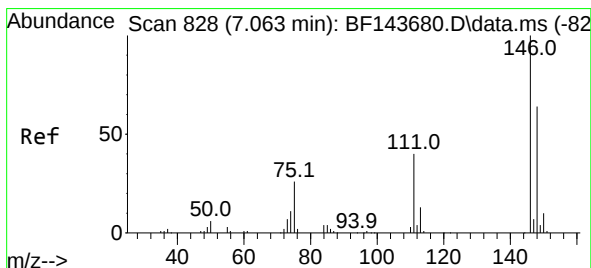
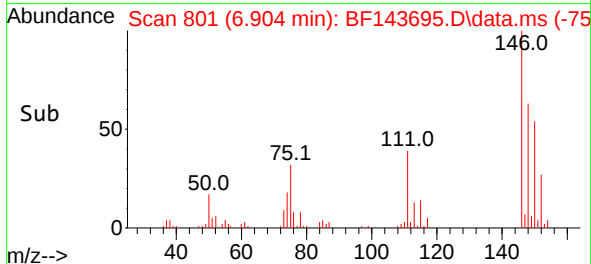
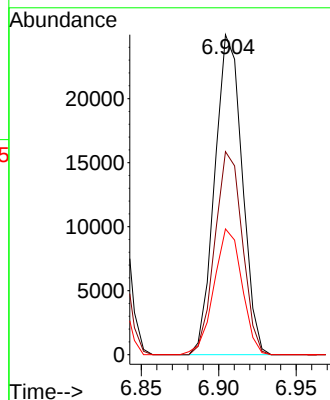
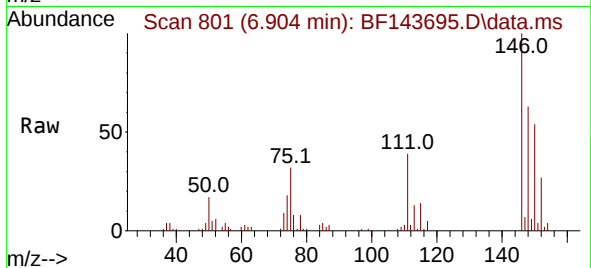
Tgt Ion:146 Resp: 30746

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 39.3 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 9.127 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

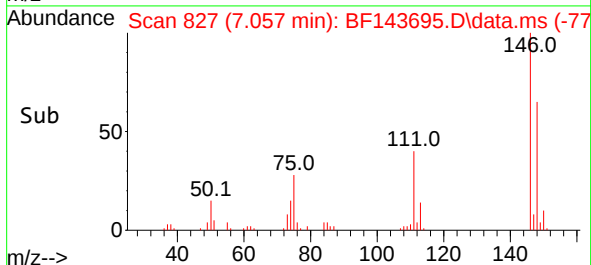
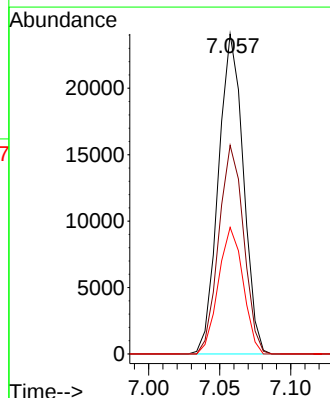
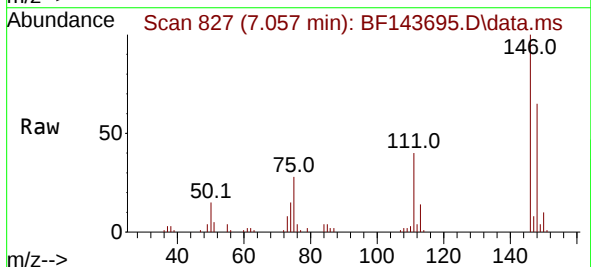
Tgt Ion:146 Resp: 29393

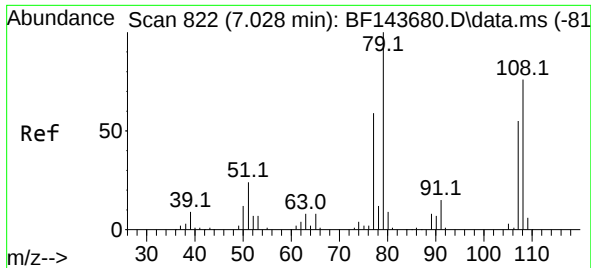
Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.4

111 39.5 32.3 48.5

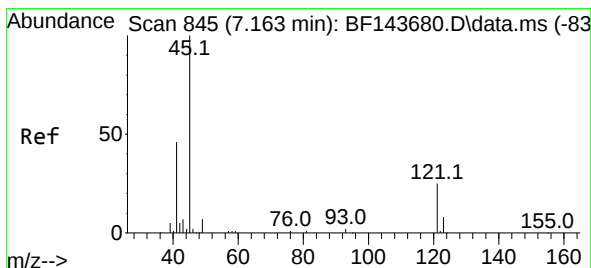
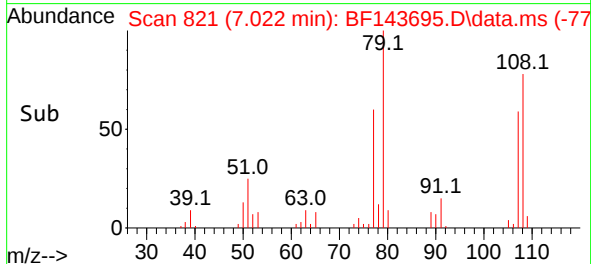
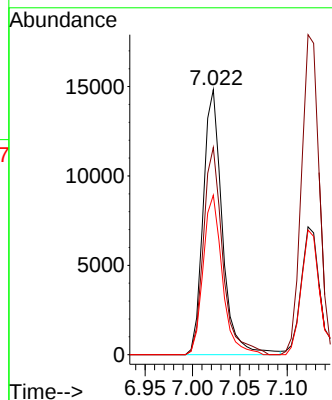
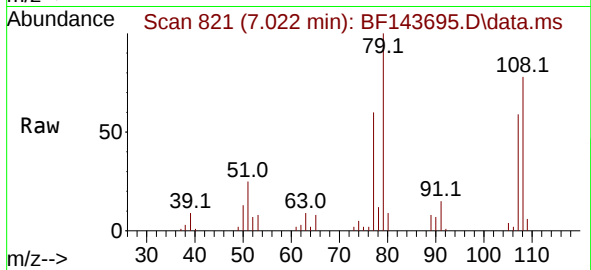




#15
Benzyl Alcohol
Concen: 8.557 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

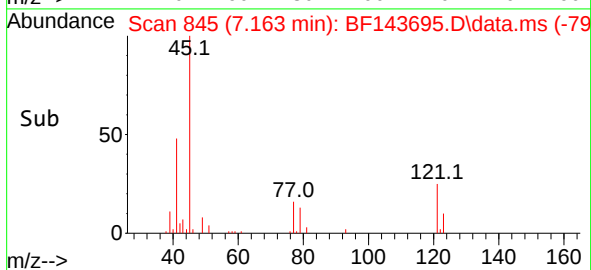
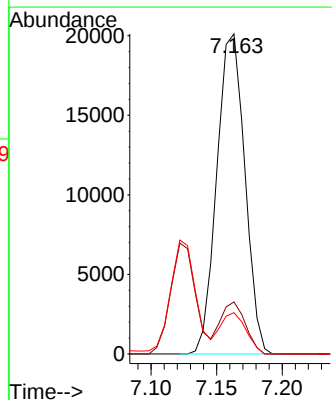
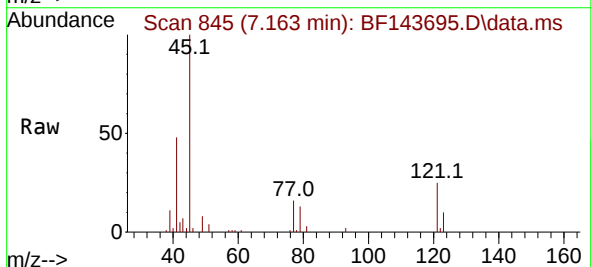
Instrument :
BNA_F
ClientSampleId :

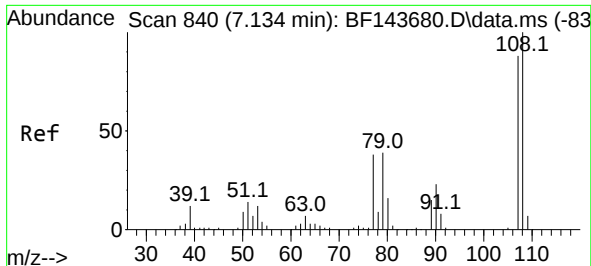
Tgt Ion: 79 Resp: 20729
Ion Ratio Lower Upper
79 100
108 78.2 60.9 91.3
77 60.2 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.313 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

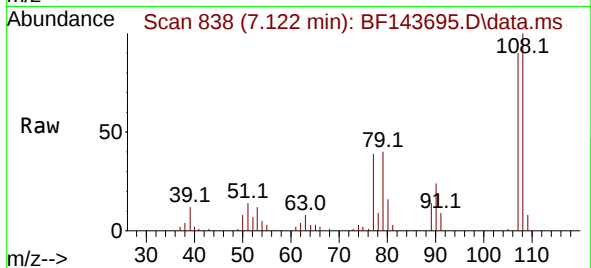
Tgt Ion: 45 Resp: 29904
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.6
79 12.9 0.0 31.3



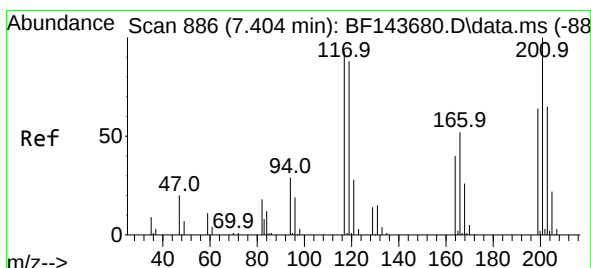
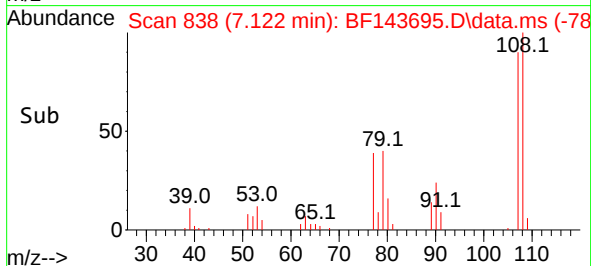
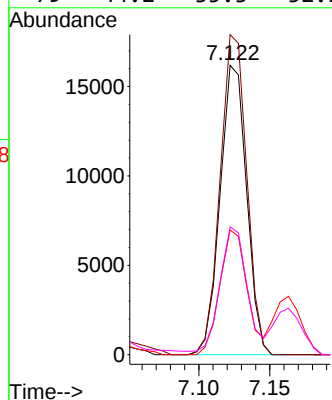


#17
2-Methylphenol
Concen: 8.849 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

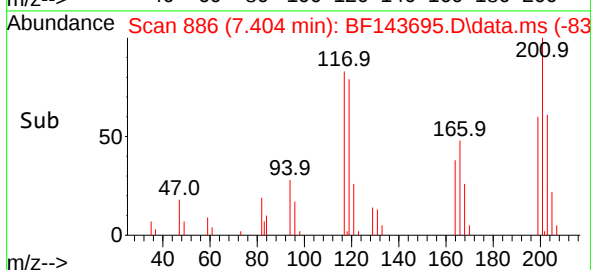
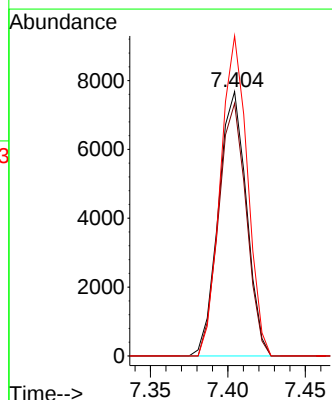
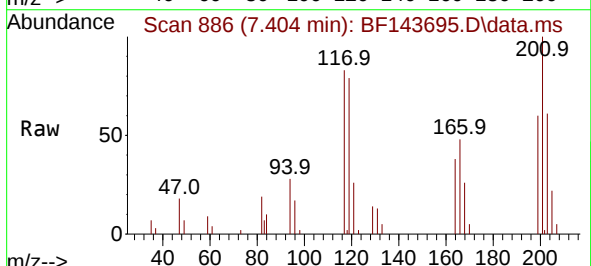


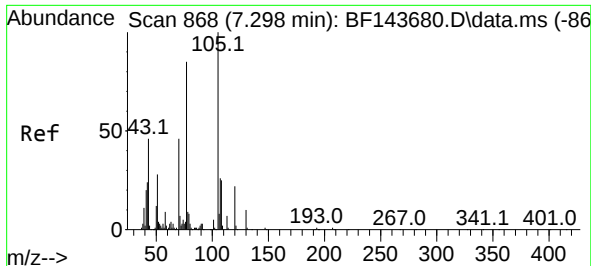
Tgt Ion:	107	Resp:	21030
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.9	136.3
77	43.1	34.4	51.6
79	44.2	35.3	52.9



#18
Hexachloroethane
Concen: 8.775 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:	117	Resp:	9666
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
201	121.0	86.4	129.6

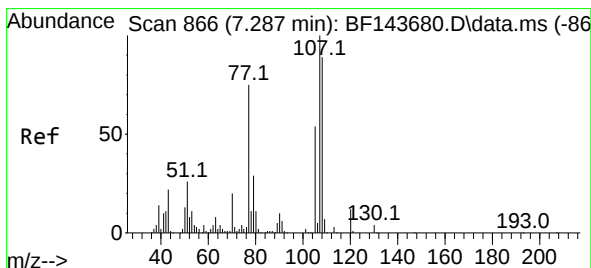
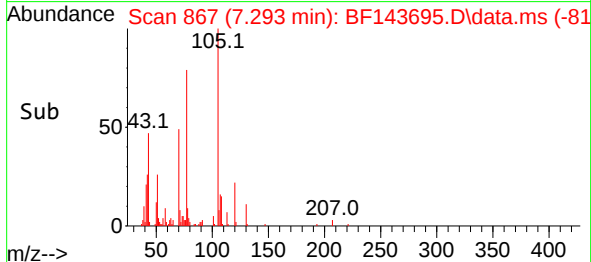
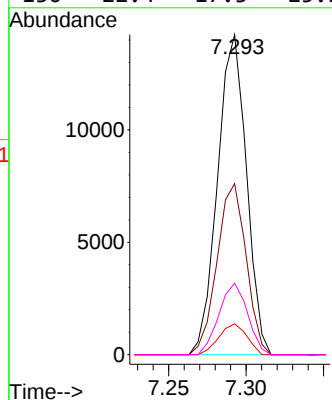
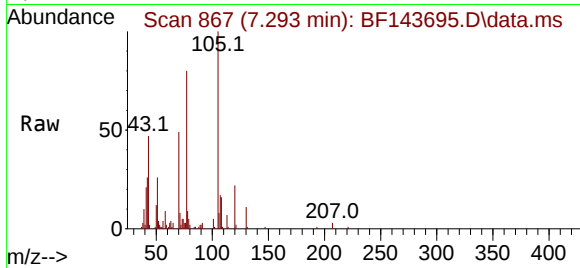




#19
n-Nitroso-di-n-propylamine
Concen: 9.009 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

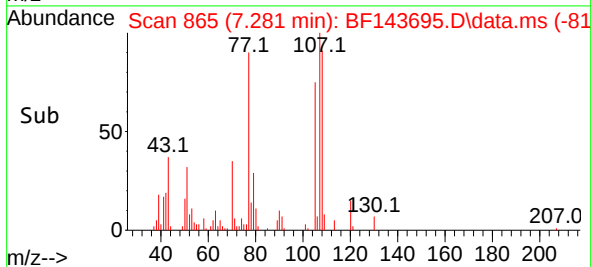
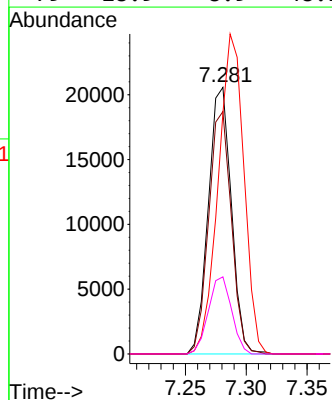
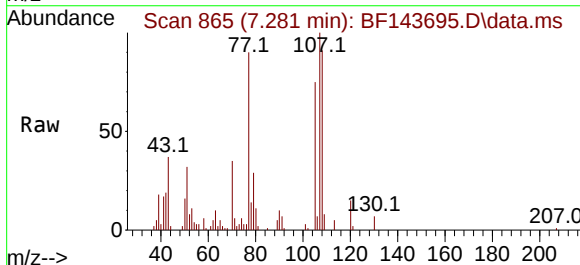
Instrument :
BNA_F
ClientSampleId :

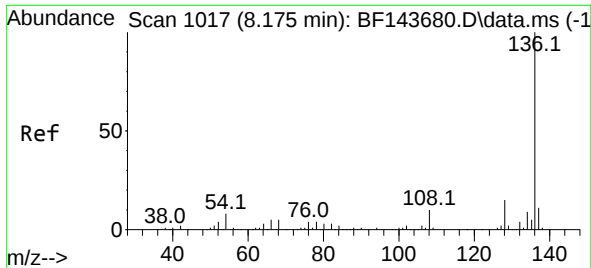
Tgt Ion:	70	Resp:	18427
Ion	Ratio	Lower	Upper
70	100		
42	53.5	41.4	62.2
101	9.7	8.1	12.1
130	22.4	17.3	25.9



#20
3+4-Methylphenols
Concen: 8.616 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

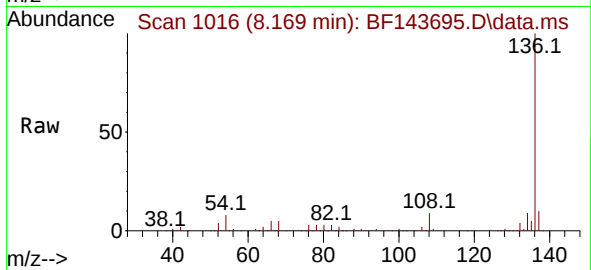
Tgt Ion:	107	Resp:	26963
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.6	108.6
77	90.5	54.6	94.6
79	28.9	8.9	48.9



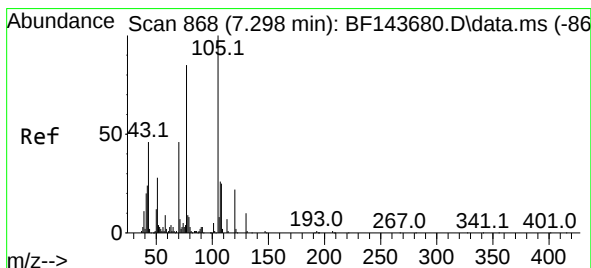
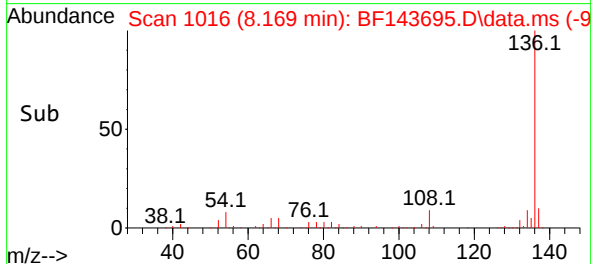
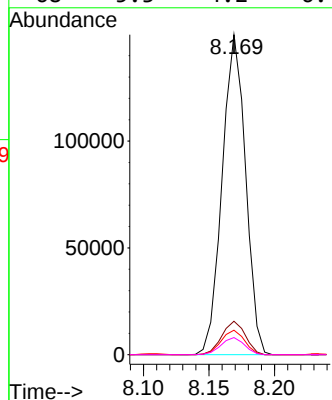


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

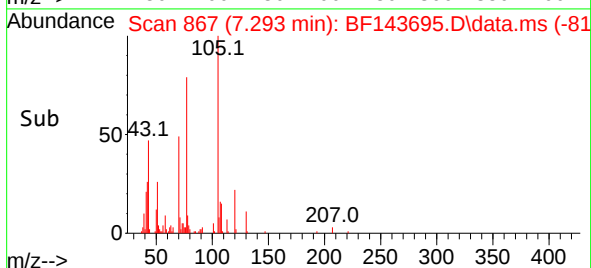
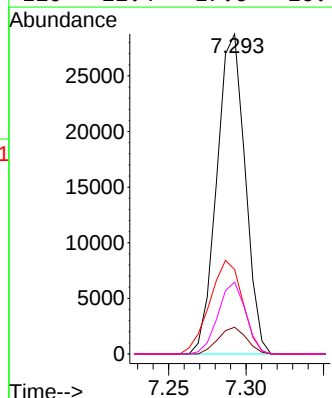
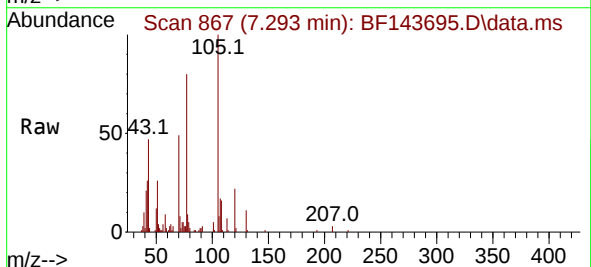


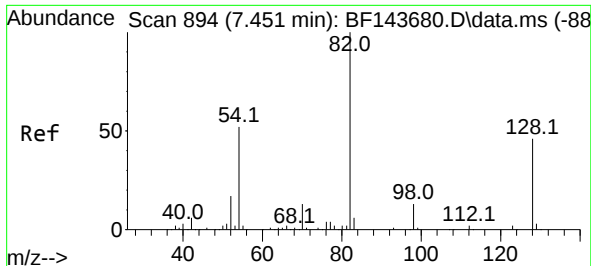
Tgt Ion:136 Resp: 185966
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.7 6.2 9.2
68 5.3 4.2 6.4



#22
Acetophenone
Concen: 8.692 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:105 Resp: 36505
Ion Ratio Lower Upper
105 100
71 8.3 5.9 8.9
51 26.4 22.4 33.6
120 22.4 17.6 26.4





#23

Nitrobenzene-d5

Concen: 97.971 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

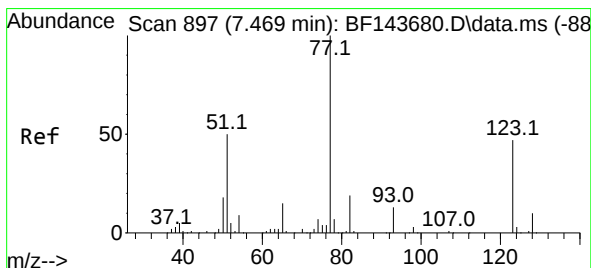
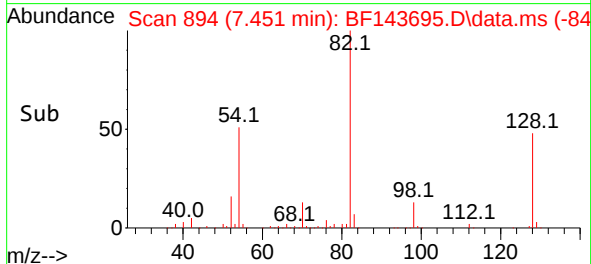
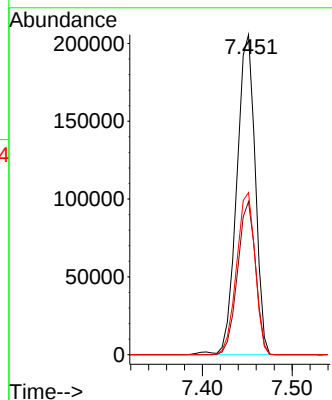
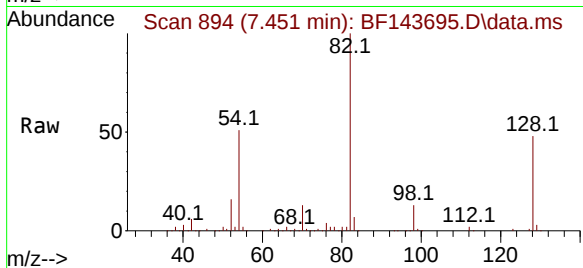
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 292911

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.4
54	50.7	41.8	62.8



#24

Nitrobenzene

Concen: 8.544 ng

RT: 7.463 min Scan# 896

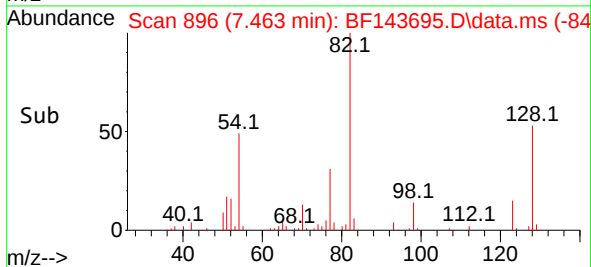
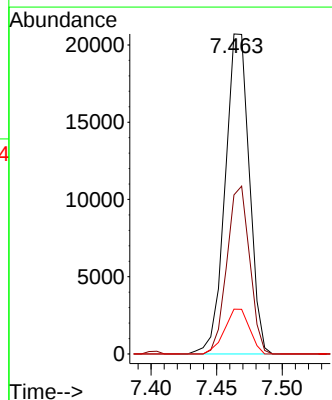
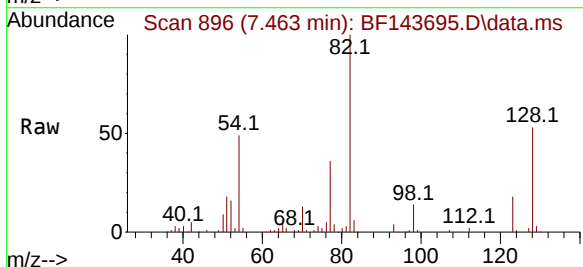
Delta R.T. -0.006 min

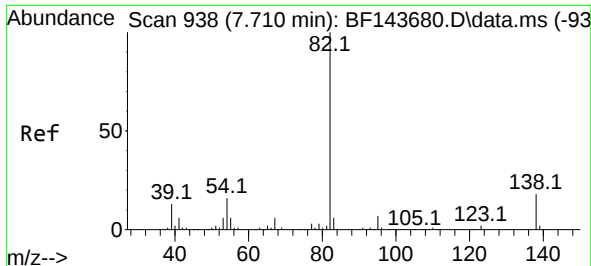
Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Tgt Ion: 77 Resp: 26487

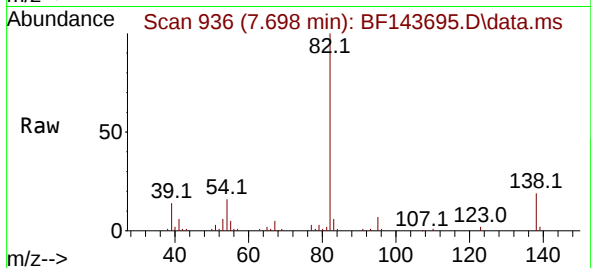
Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.4	56.0
65	14.0	11.6	17.4



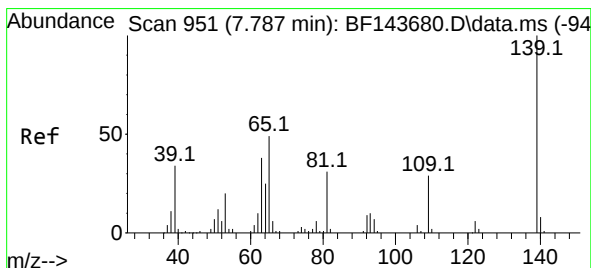
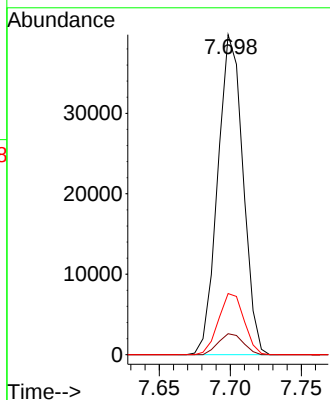
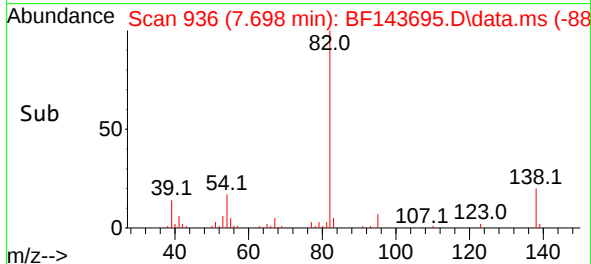


#25
Isophorone
Concen: 8.588 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

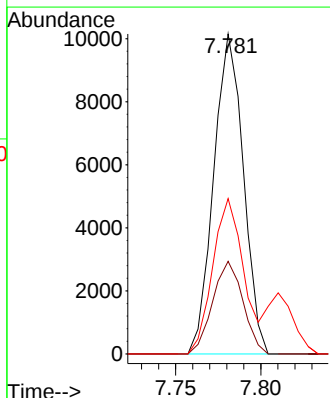
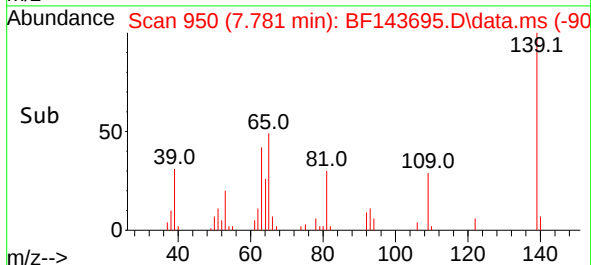
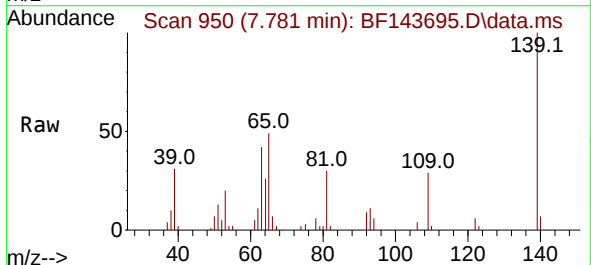


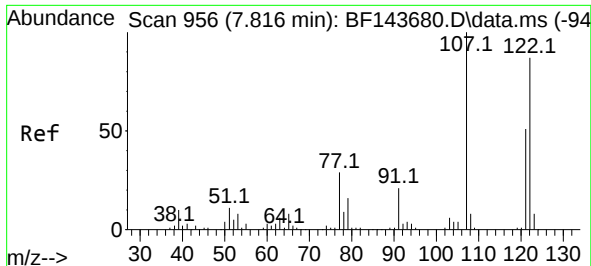
Tgt Ion: 82 Resp: 49235
Ion Ratio Lower Upper
82 100
95 6.5 5.7 8.5
138 19.1 14.8 22.2



#26
2-Nitrophenol
Concen: 8.049 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:139 Resp: 12269
Ion Ratio Lower Upper
139 100
109 28.9 22.8 34.2
65 48.5 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 9.129 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

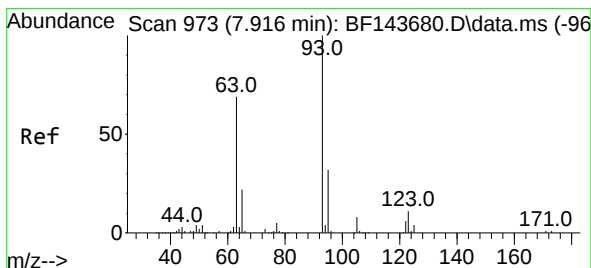
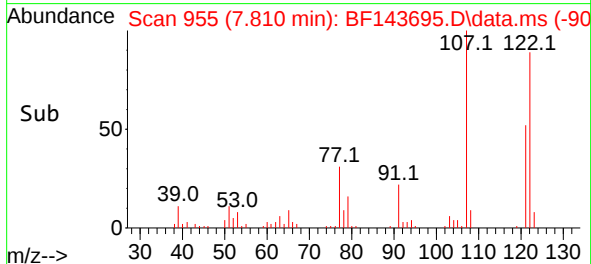
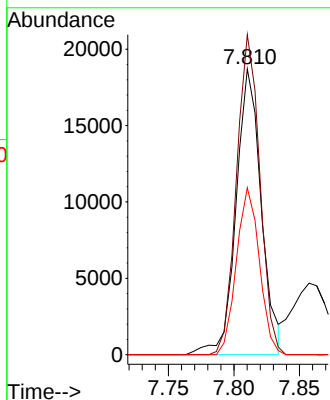
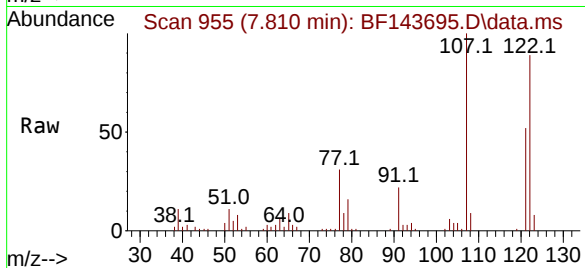
Tgt Ion:122 Resp: 24980

Ion Ratio Lower Upper

122 100

107 112.0 92.1 138.1

121 58.4 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 8.407 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

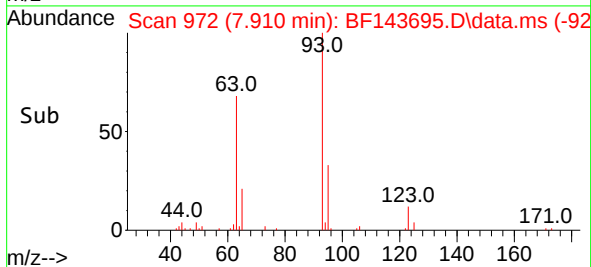
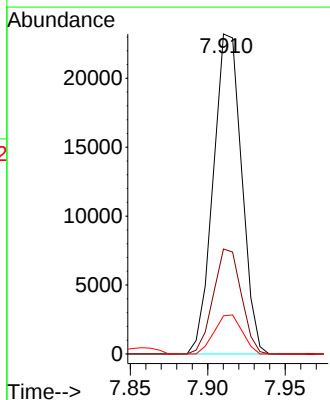
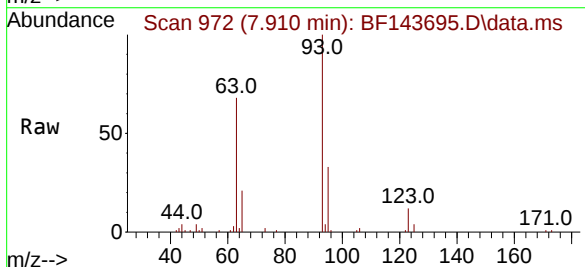
Tgt Ion: 93 Resp: 29620

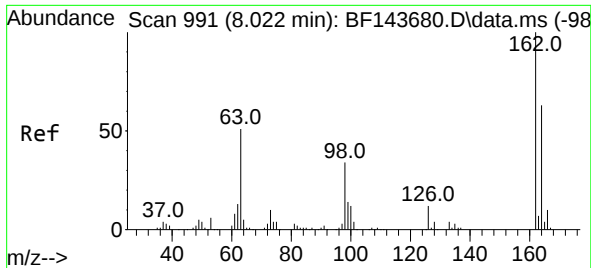
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 8.099 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

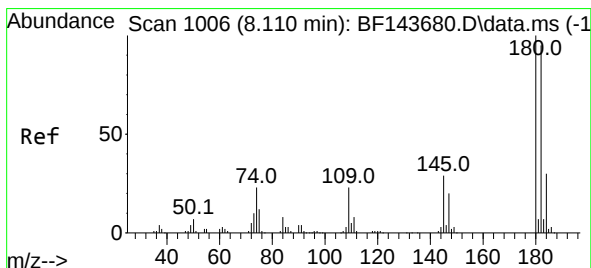
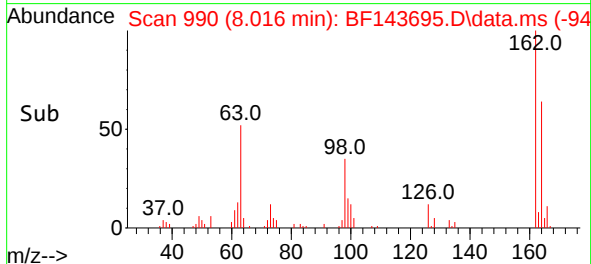
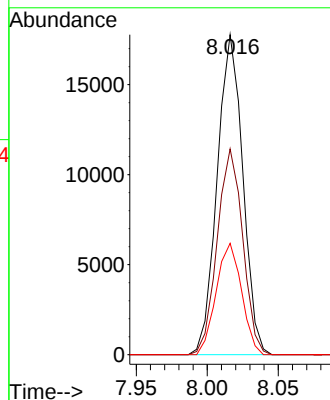
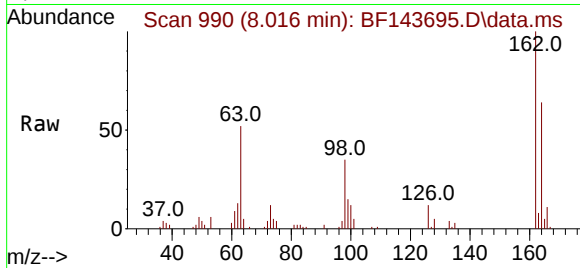
Tgt Ion:162 Resp: 22292

Ion Ratio Lower Upper

162 100

164 64.3 43.0 83.0

98 34.8 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 8.585 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

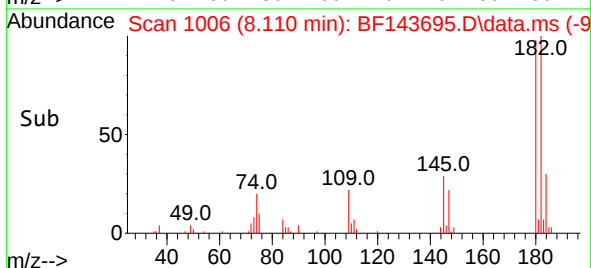
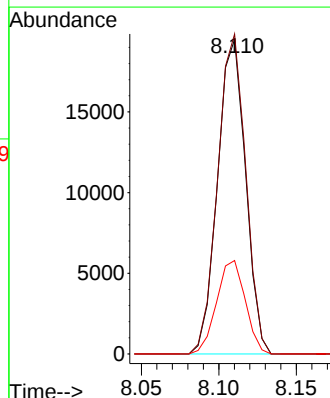
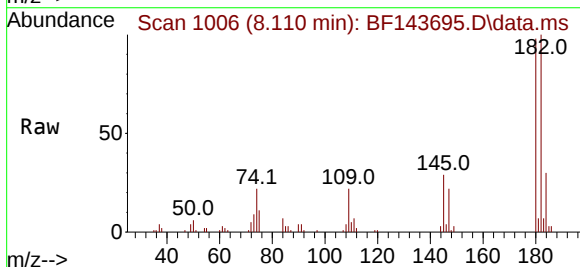
Tgt Ion:180 Resp: 24480

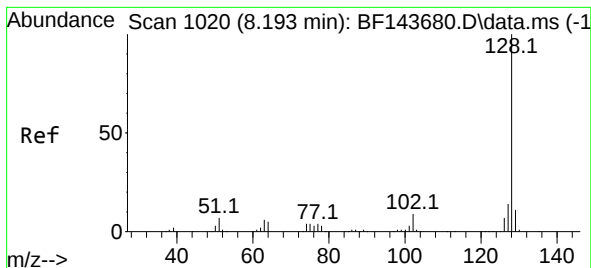
Ion Ratio Lower Upper

180 100

182 101.7 76.2 114.4

145 29.7 23.2 34.8





#31

Naphthalene

Concen: 8.307 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

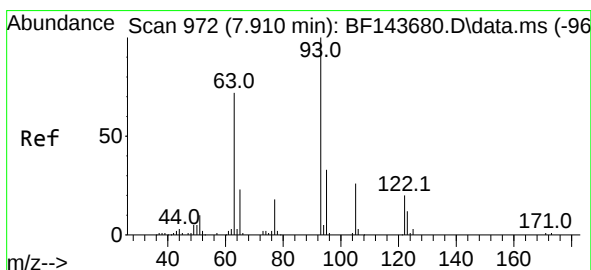
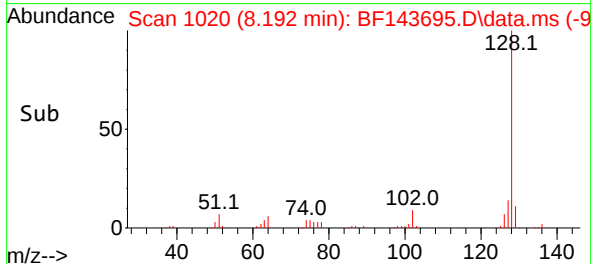
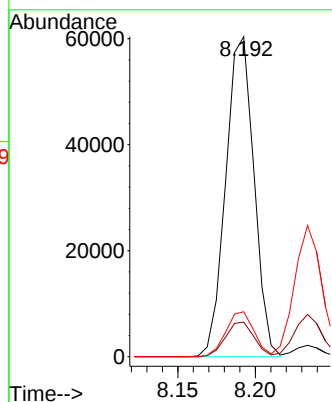
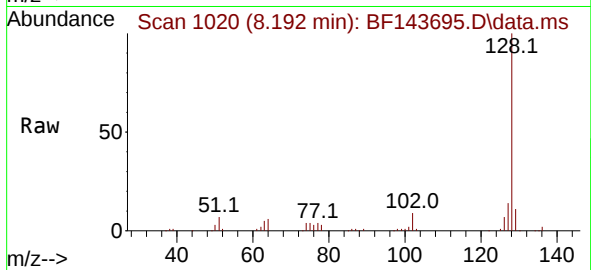
Tgt Ion:128 Resp: 76476

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 14.0 10.9 16.3



#32

Benzoic acid

Concen: 5.709 ng

RT: 7.857 min Scan# 963

Delta R.T. -0.053 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

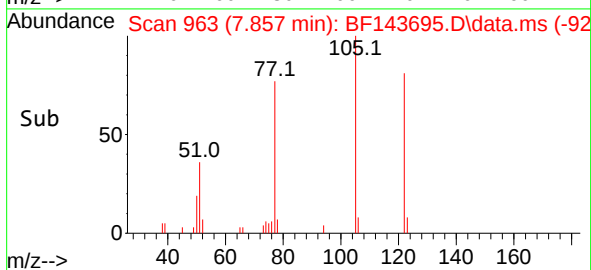
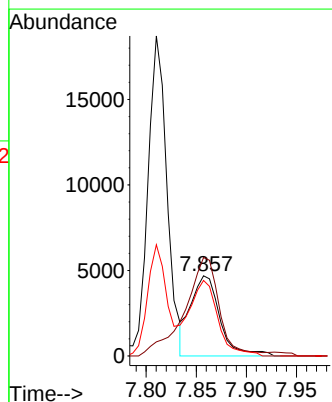
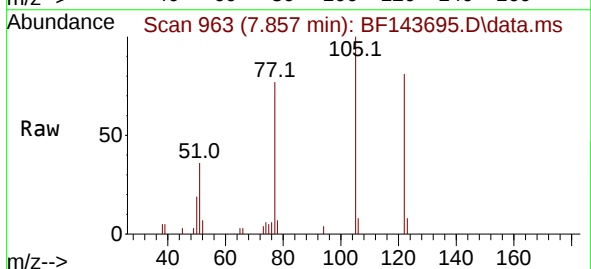
Tgt Ion:122 Resp: 9531

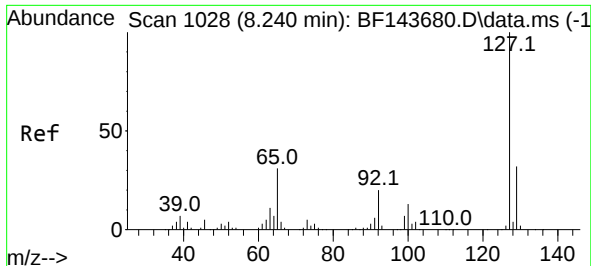
Ion Ratio Lower Upper

122 100

105 122.7 105.2 145.2

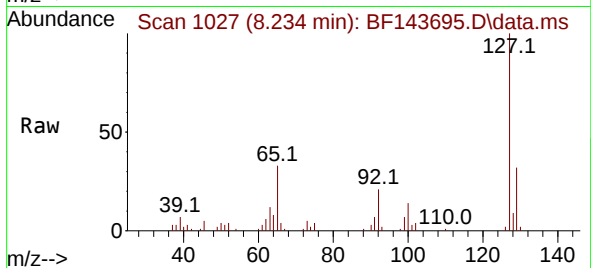
77 94.3 72.0 112.0



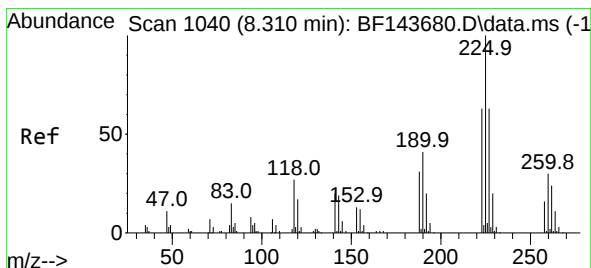
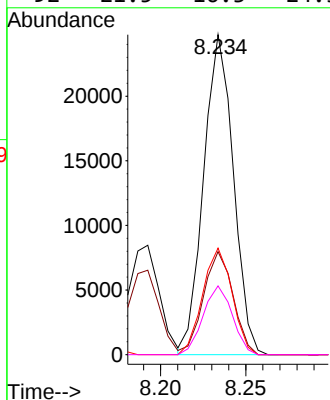
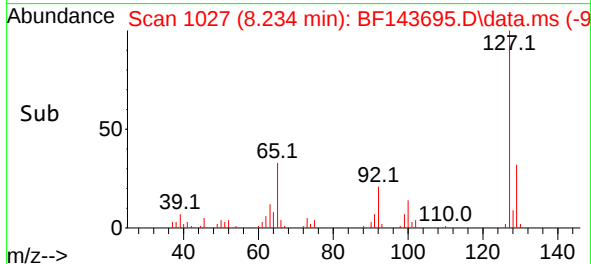


#33
4-Chloroaniline
Concen: 9.387 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

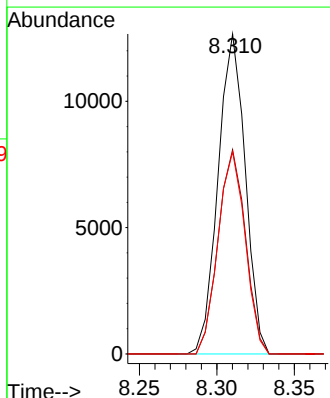
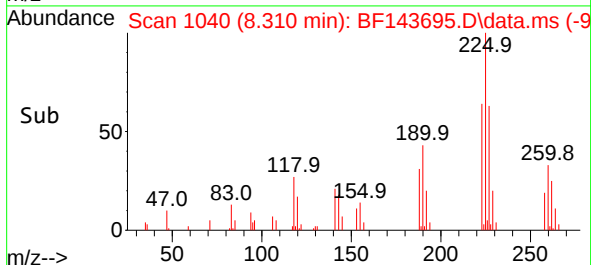
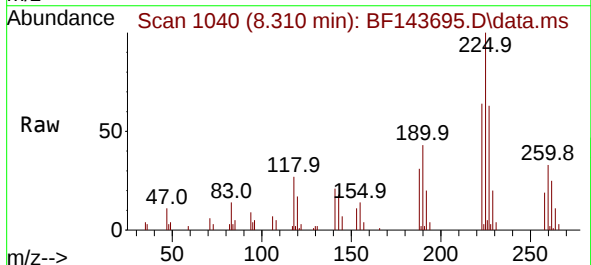


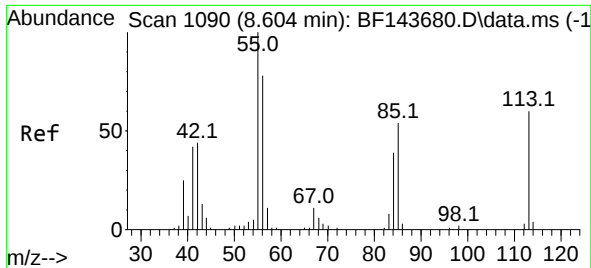
Tgt Ion:127	Resp: 30083
Ion Ratio	Lower Upper
127 100	
129 32.2	26.0 39.0
65 33.3	24.6 36.8
92 21.5	16.3 24.5



#34
Hexachlorobutadiene
Concen: 8.306 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:225	Resp: 15448		
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.6	76.0
227	63.2	50.8	76.2

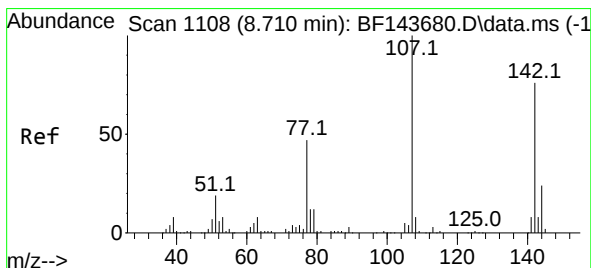
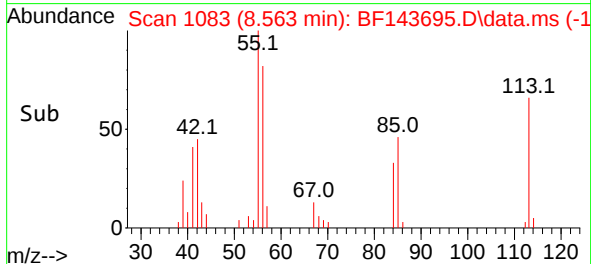
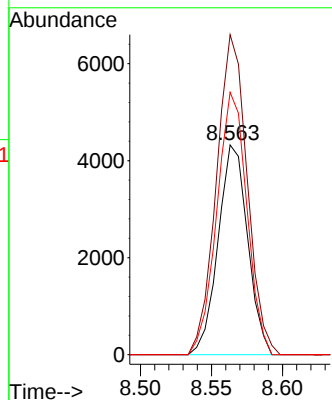
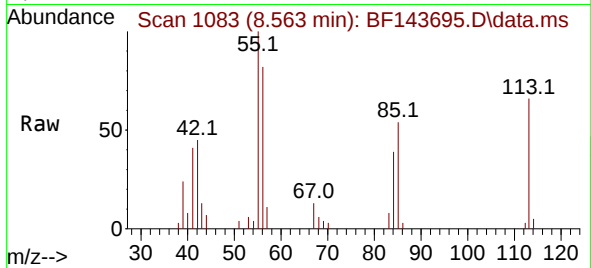




#35
Caprolactam
Concen: 8.519 ng
RT: 8.563 min Scan# 1107
Delta R.T. -0.041 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

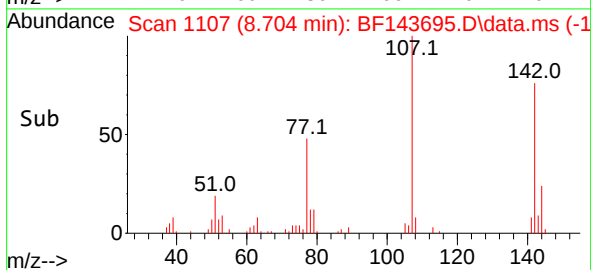
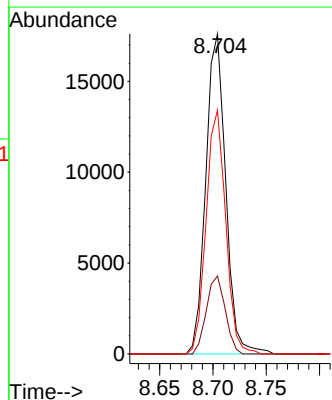
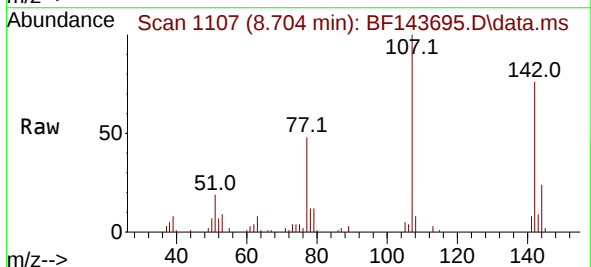
Instrument :
BNA_F
ClientSampleId :

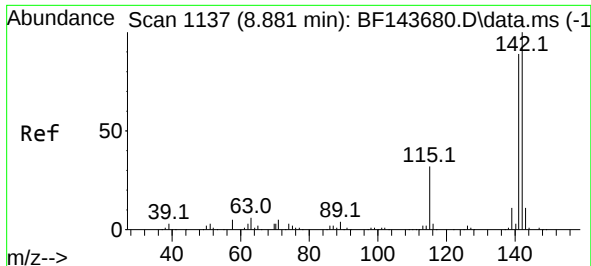
Tgt Ion:113 Resp: 6241
Ion Ratio Lower Upper
113 100
55 152.5 148.9 188.9
56 125.1 112.8 152.8



#36
4-Chloro-3-methylphenol
Concen: 8.439 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:107 Resp: 22903
Ion Ratio Lower Upper
107 100
144 24.4 19.4 29.2
142 76.2 60.6 91.0





#37

2-Methylnaphthalene

Concen: 7.543 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

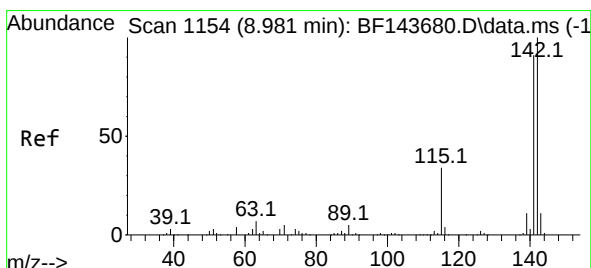
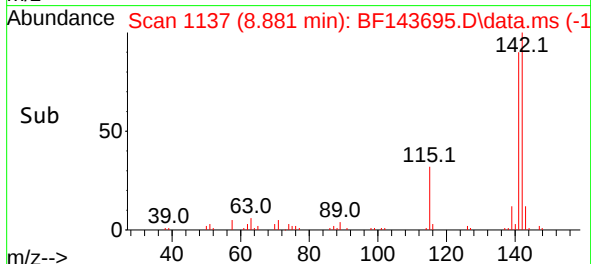
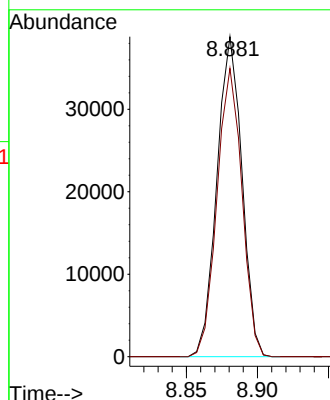
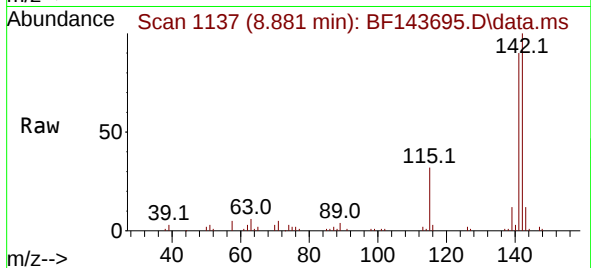
ClientSampleId :

Tgt Ion:142 Resp: 47537

Ion Ratio Lower Upper

142 100

141 90.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 8.164 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143695.D

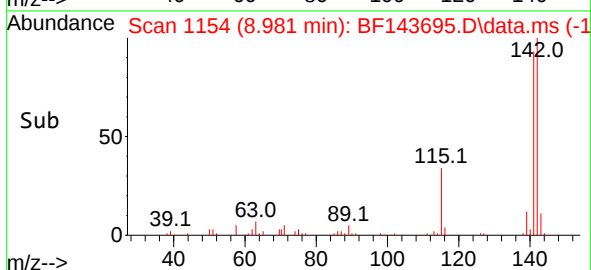
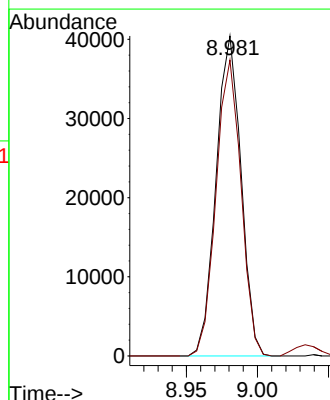
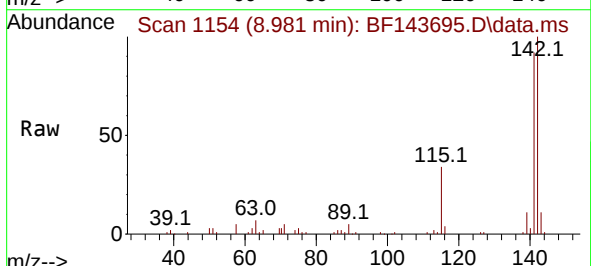
Acq: 10 Sep 2025 10:49

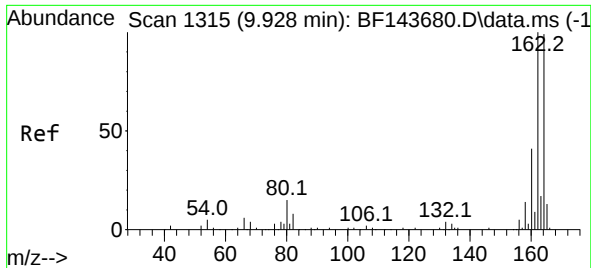
Tgt Ion:142 Resp: 49374

Ion Ratio Lower Upper

142 100

141 92.5 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. -0.006 min

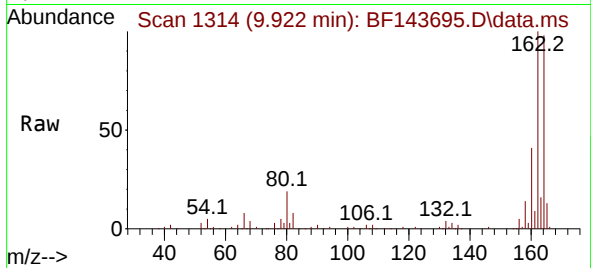
Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :



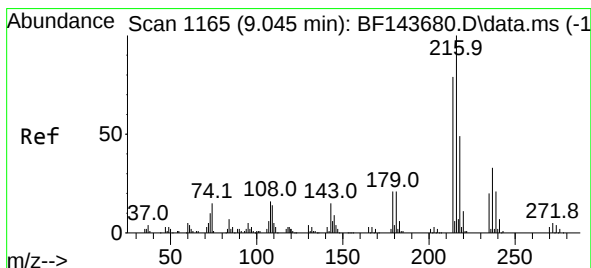
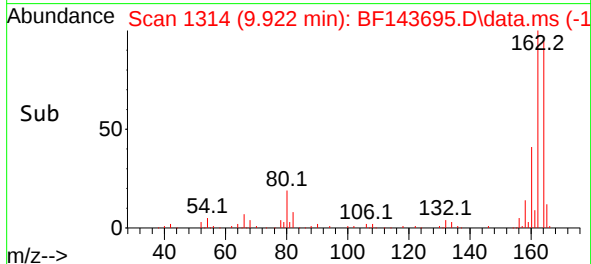
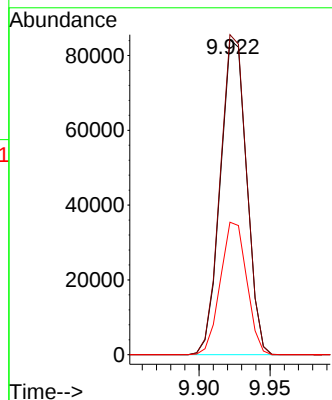
Tgt Ion:164 Resp: 108417

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

160 42.1 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.446 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Tgt Ion:216 Resp: 26214

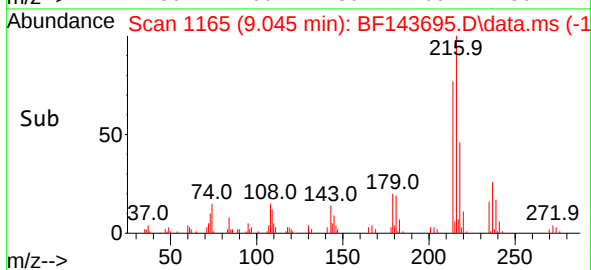
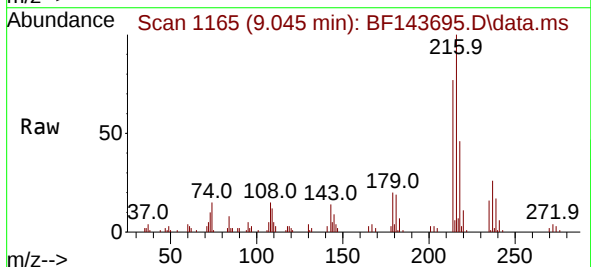
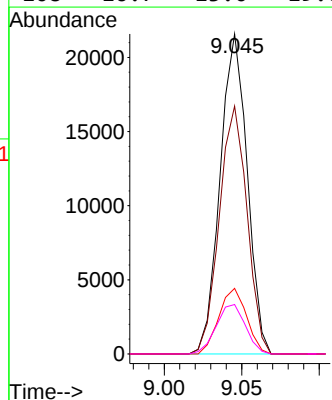
Ion Ratio Lower Upper

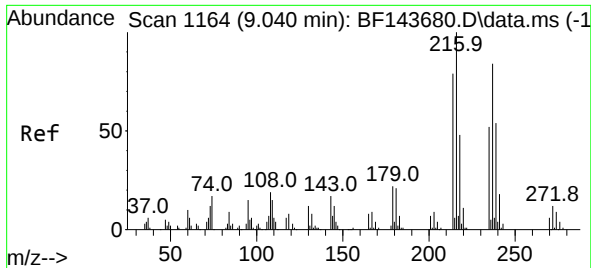
216 100

214 79.1 63.2 94.8

179 20.9 16.8 25.2

108 16.7 13.0 19.6

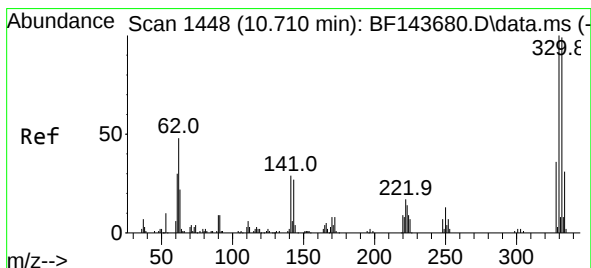
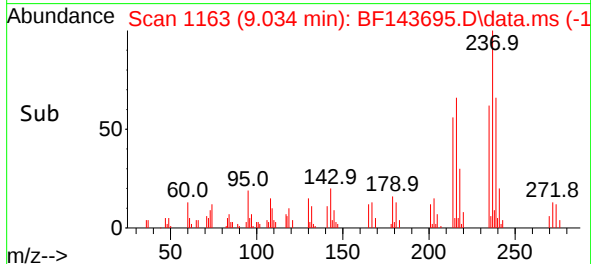
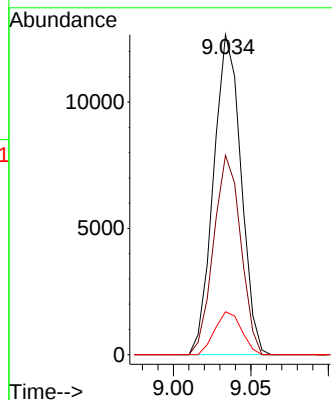
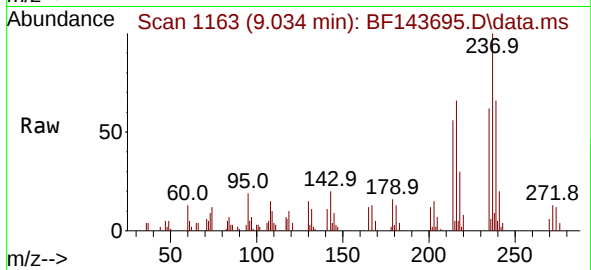




#41
Hexachlorocyclopentadiene
Concen: 9.790 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

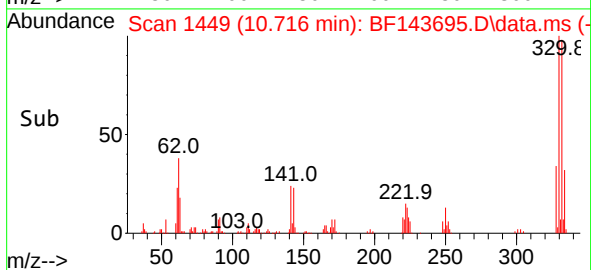
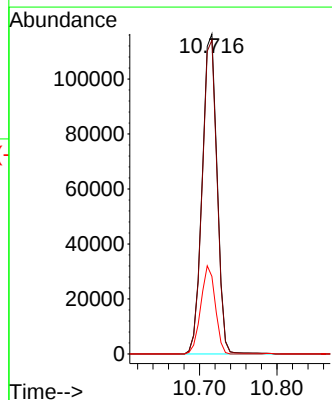
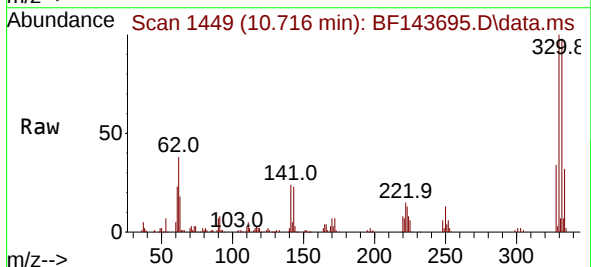
Instrument :
BNA_F
ClientSampleId :

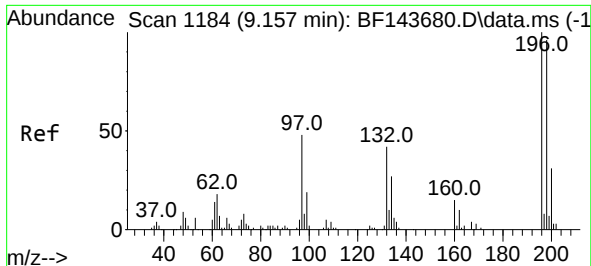
Tgt Ion:237 Resp: 15600
Ion Ratio Lower Upper
237 100
235 62.3 41.6 81.6
272 13.4 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 141.745 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

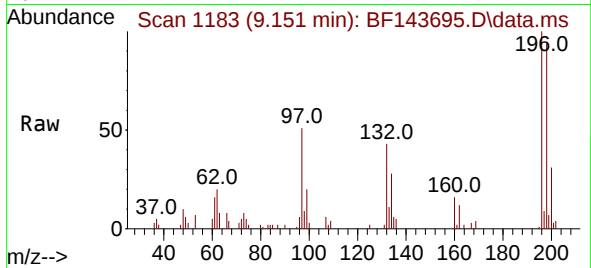
Tgt Ion:330 Resp: 154871
Ion Ratio Lower Upper
330 100
332 97.8 79.2 118.8
141 26.7 22.2 33.4



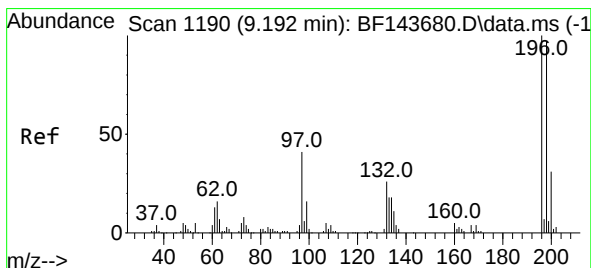
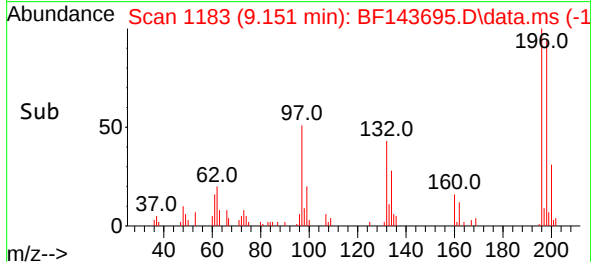
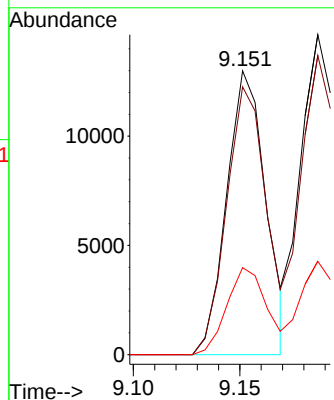


#43
 2,4,6-Trichlorophenol
 Concen: 7.978 ng
 RT: 9.151 min Scan# 1183
 Delta R.T. -0.006 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49

Instrument :
 BNA_F
 ClientSampleId :

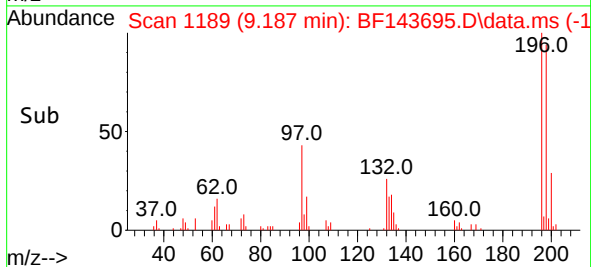
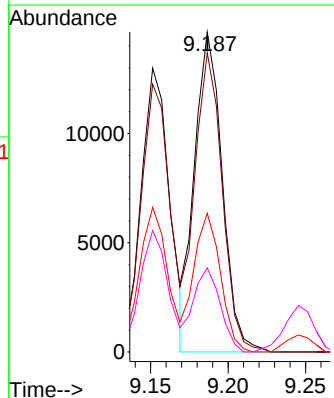
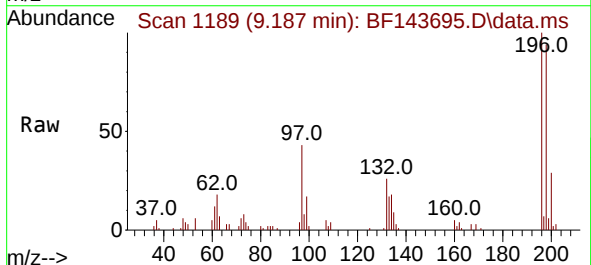


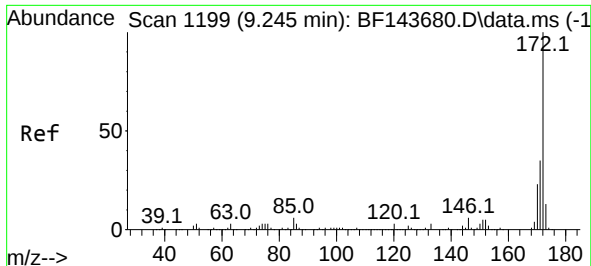
Tgt Ion:196 Resp: 16535
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.5 114.7
 200 30.6 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 8.641 ng
 RT: 9.187 min Scan# 1189
 Delta R.T. -0.006 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49

Tgt Ion:196 Resp: 18207
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.0 115.6
 97 43.4 34.2 51.4
 132 26.3 21.8 32.6

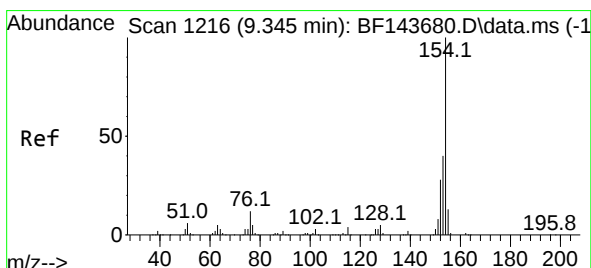
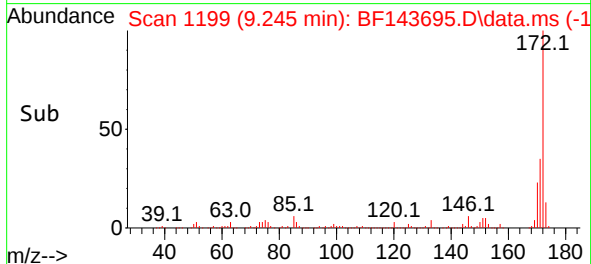
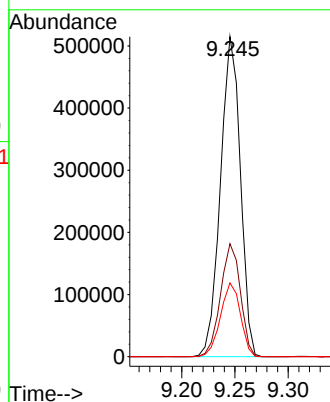
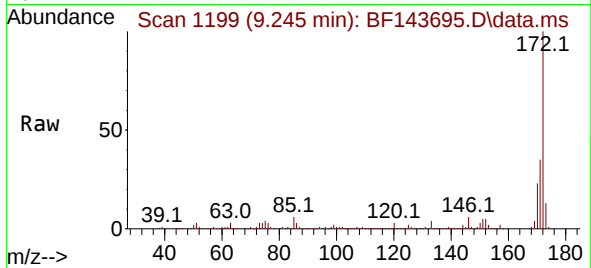




#45
2-Fluorobiphenyl
Concen: 93.114 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

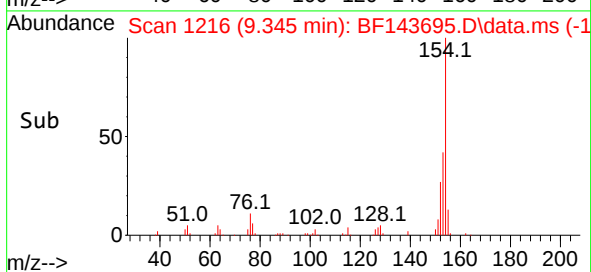
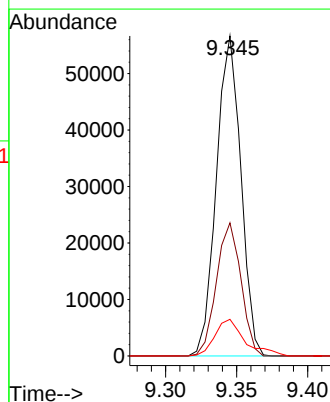
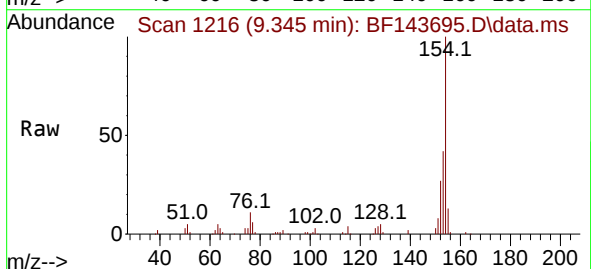
Instrument :
BNA_F
ClientSampleId :

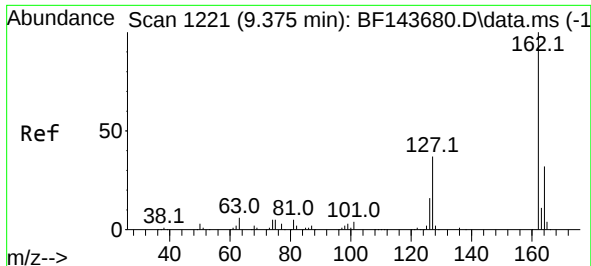
Tgt Ion:172 Resp: 668279
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 8.694 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:154 Resp: 67860
Ion Ratio Lower Upper
154 100
153 41.6 20.2 60.2
76 11.5 0.0 31.6





#47

2-Chloronaphthalene

Concen: 8.455 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

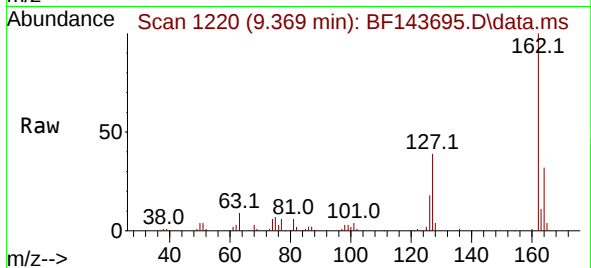
Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :



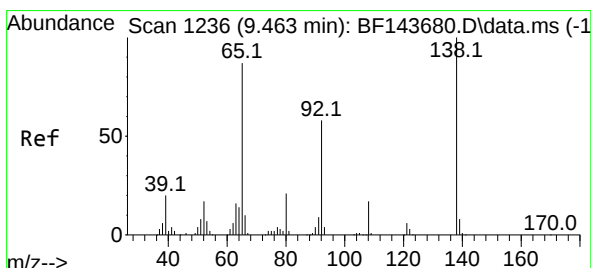
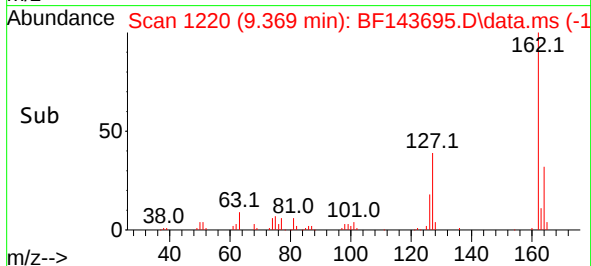
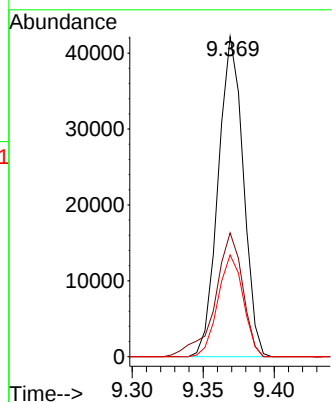
Tgt Ion:162 Resp: 51735

Ion Ratio Lower Upper

162 100

127 38.7 30.6 45.8

164 31.8 25.8 38.8



#48

2-Nitroaniline

Concen: 7.914 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

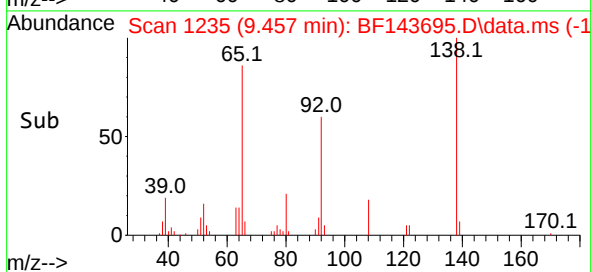
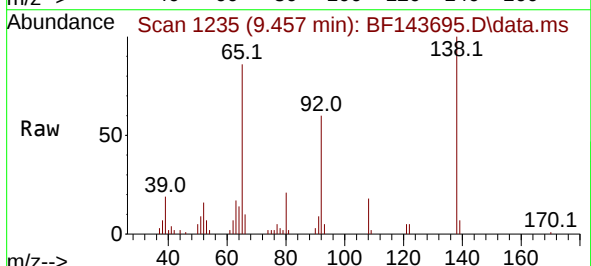
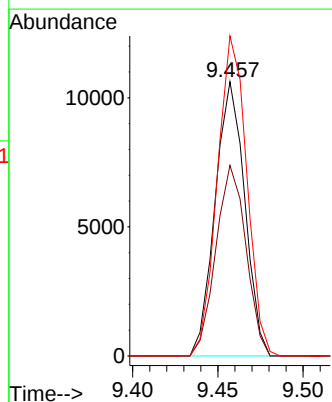
Tgt Ion: 65 Resp: 12815

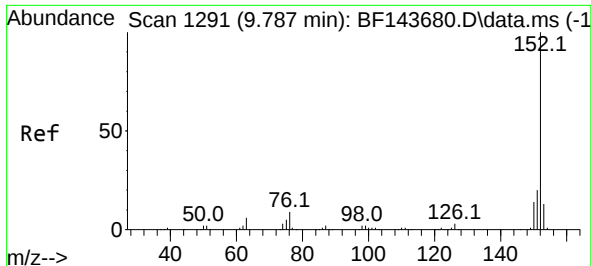
Ion Ratio Lower Upper

65 100

92 69.4 53.3 79.9

138 116.7 92.1 138.1





#49

Acenaphthylene

Concen: 9.414 ng

RT: 9.787 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

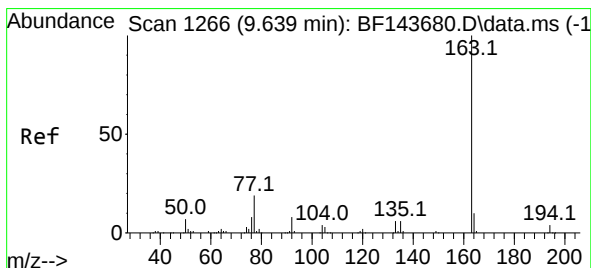
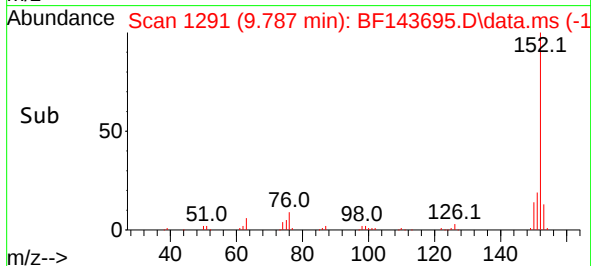
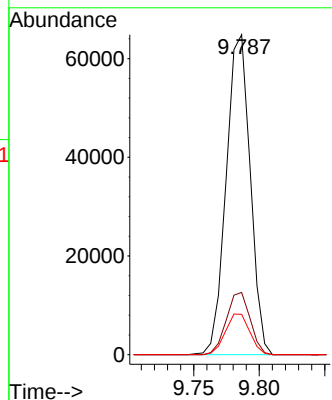
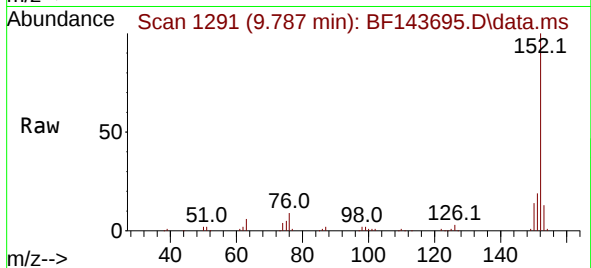
Tgt Ion:152 Resp: 82512

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 8.590 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

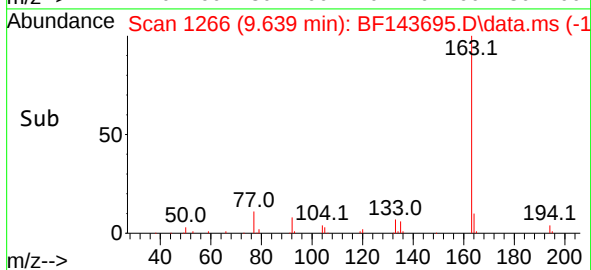
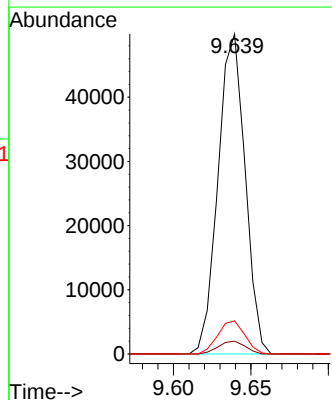
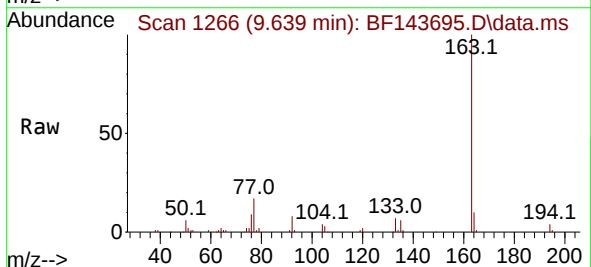
Tgt Ion:163 Resp: 60594

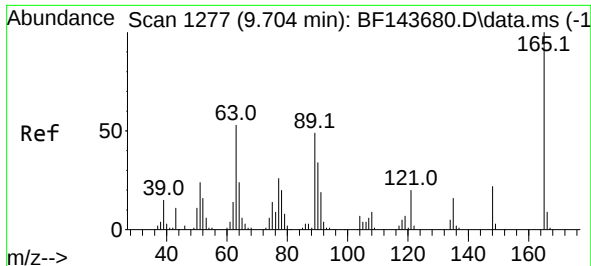
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

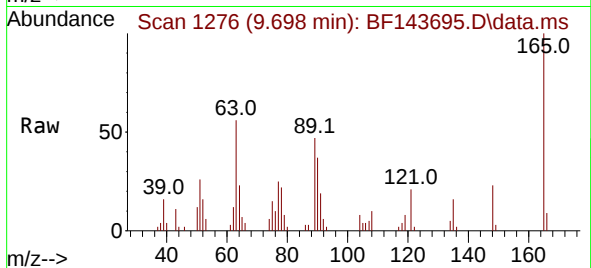
164 10.3 8.0 12.0



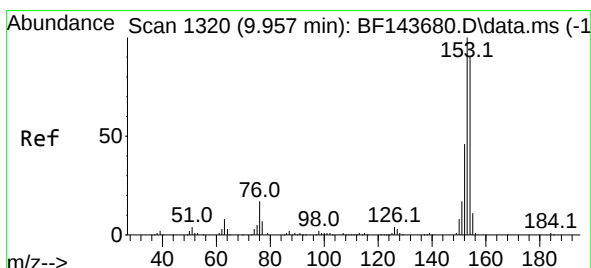
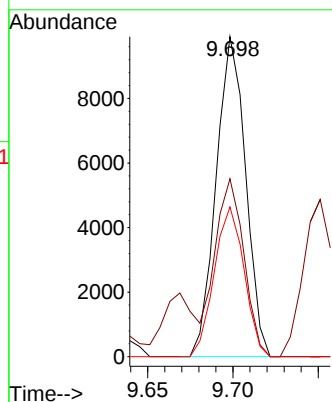
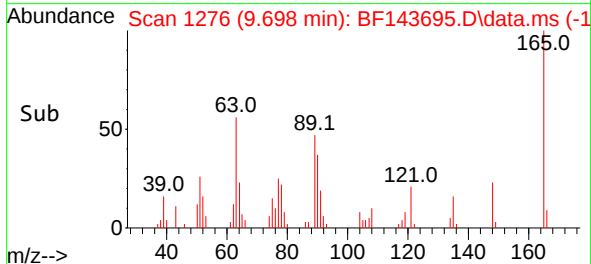


#51
2,6-Dinitrotoluene
Concen: 8.823 ng
RT: 9.698 min Scan# 11899
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

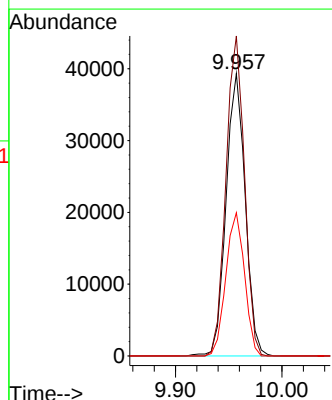
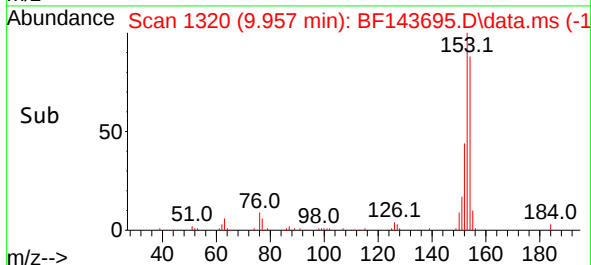
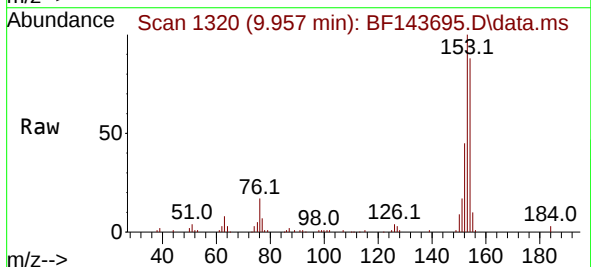


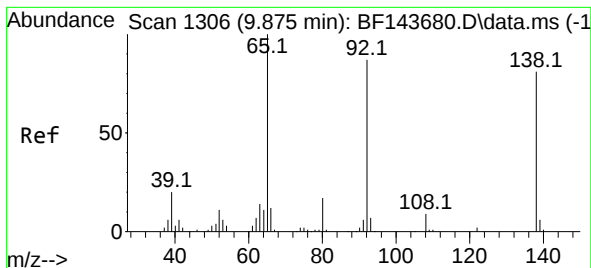
Tgt Ion:165 Resp: 11899
Ion Ratio Lower Upper
165 100
63 55.6 42.2 63.4
89 46.8 39.3 58.9



#52
Acenaphthene
Concen: 8.138 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:154 Resp: 49150
Ion Ratio Lower Upper
154 100
153 113.3 89.4 134.0
152 50.7 41.2 61.8





#53

3-Nitroaniline

Concen: 8.998 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.012 min

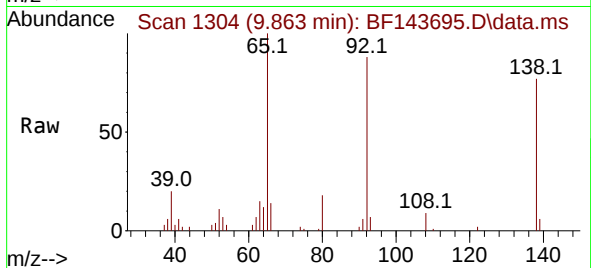
Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :



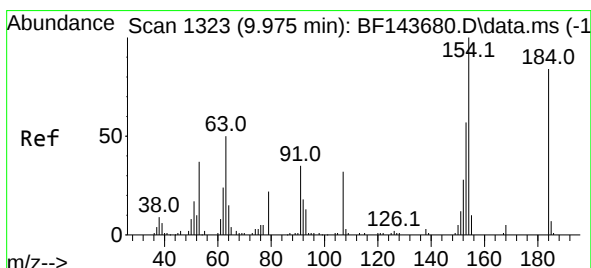
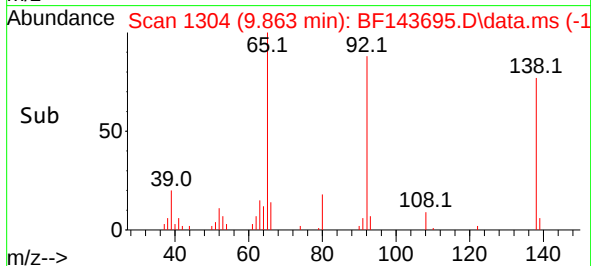
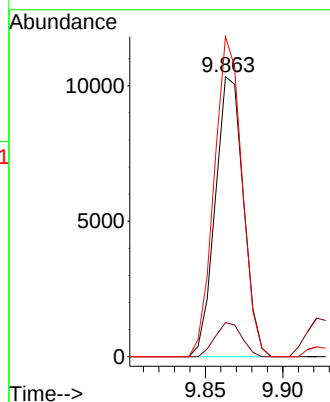
Tgt Ion:138 Resp: 13060

Ion Ratio Lower Upper

138 100

108 12.2 8.6 12.8

92 114.3 85.5 128.3



#54

2,4-Dinitrophenol

Concen: 10.504 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

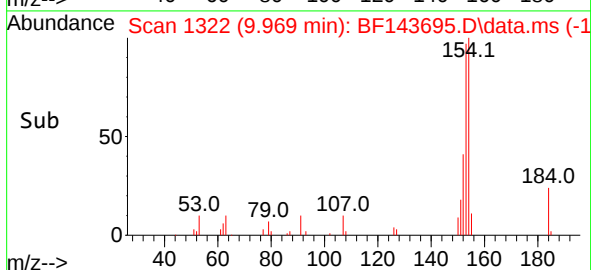
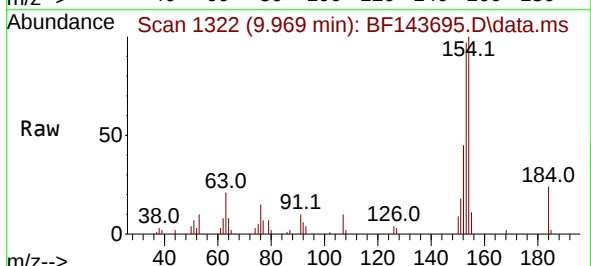
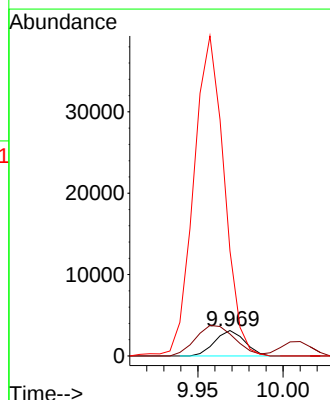
Tgt Ion:184 Resp: 3830

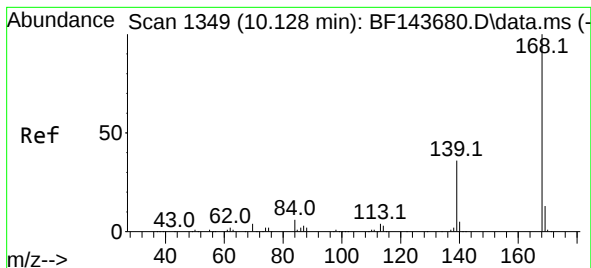
Ion Ratio Lower Upper

184 100

63 85.7 52.7 79.1#

154 412.0 136.6 204.8#





#55

Dibenzenofuran

Concen: 8.627 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

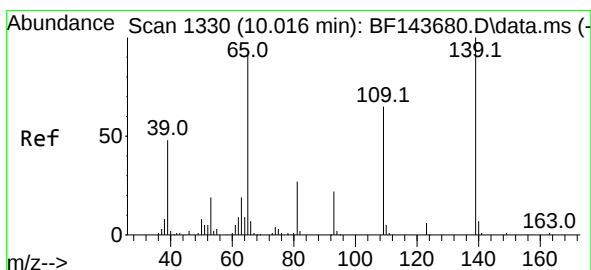
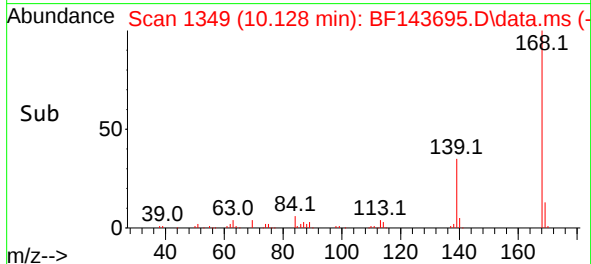
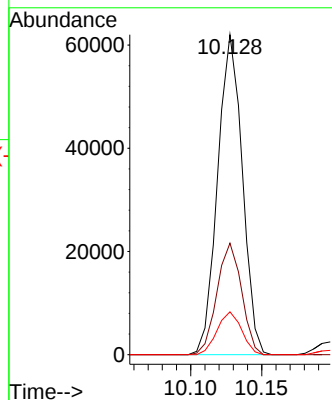
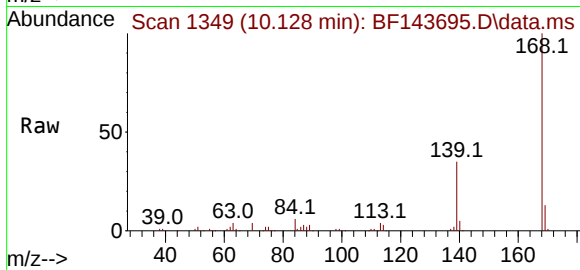
Tgt Ion:168 Resp: 74930

Ion Ratio Lower Upper

168 100

139 34.9 29.0 43.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 7.507 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

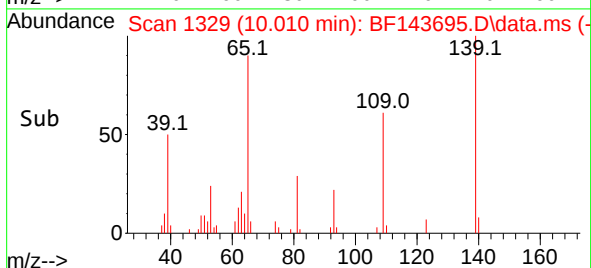
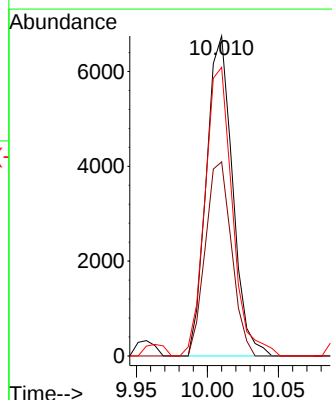
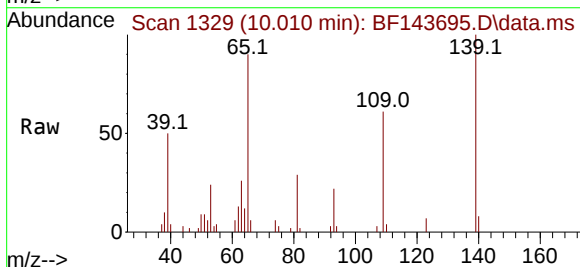
Tgt Ion:139 Resp: 8668

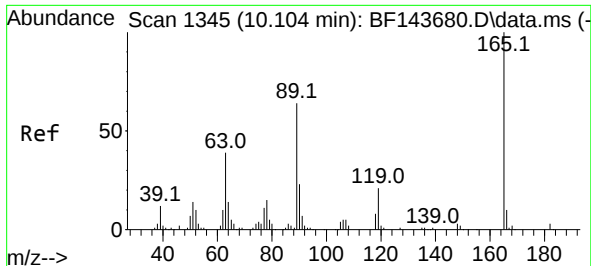
Ion Ratio Lower Upper

139 100

109 60.7 45.2 85.2

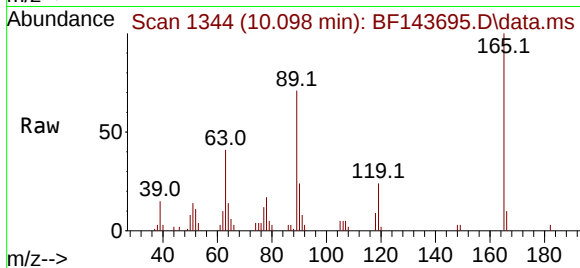
65 90.2 72.1 112.1



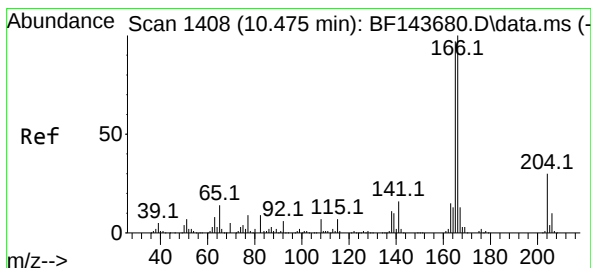
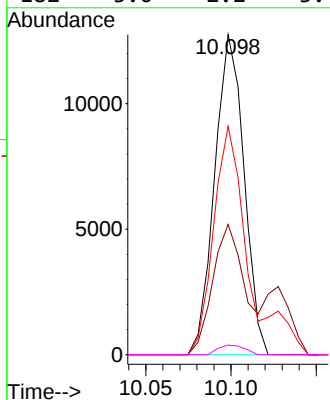
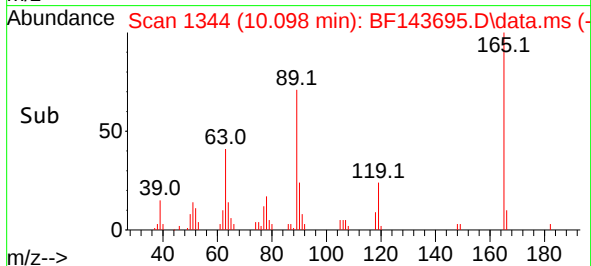


#57
2,4-Dinitrotoluene
Concen: 8.311 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

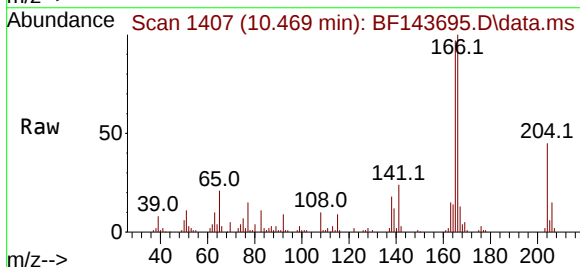
Instrument :
BNA_F
ClientSampleId :



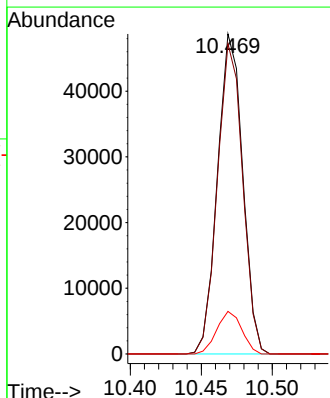
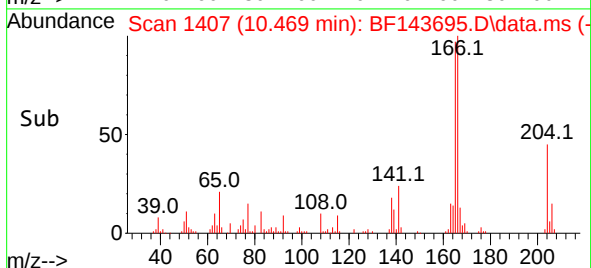
Tgt Ion:165 Resp: 15255
Ion Ratio Lower Upper
165 100
63 40.7 31.5 47.3
89 71.3 51.3 76.9
182 3.0 2.2 3.4

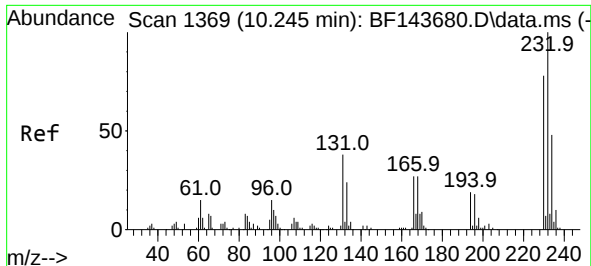


#58
Fluorene
Concen: 8.840 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49



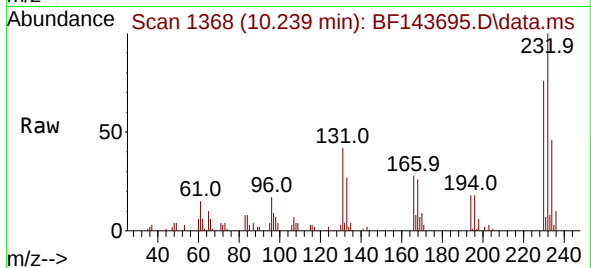
Tgt Ion:166 Resp: 60102
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.3 10.2 15.2



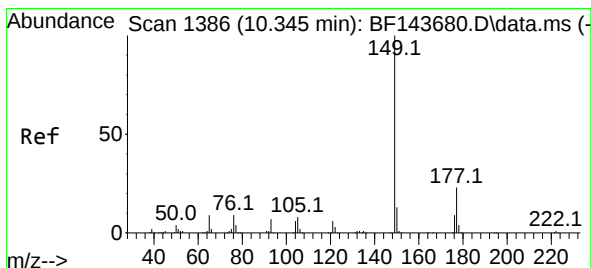
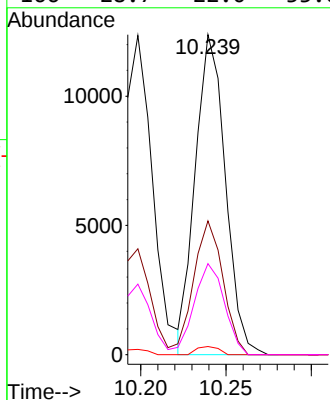
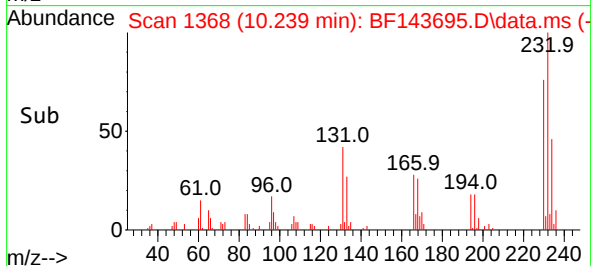


#59
2,3,4,6-Tetrachlorophenol
Concen: 8.899 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

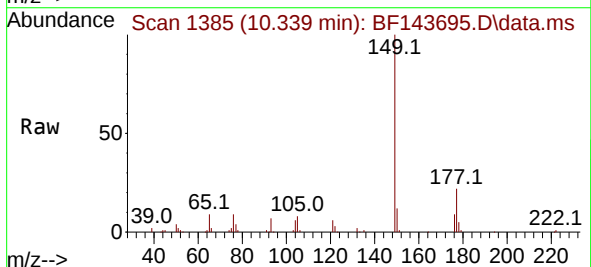
Instrument :
BNA_F
ClientSampleId :



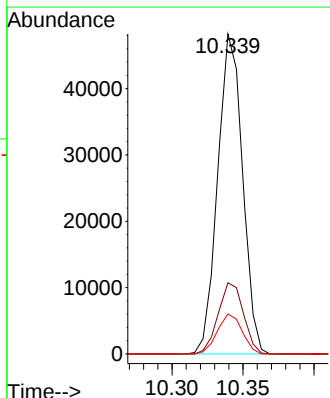
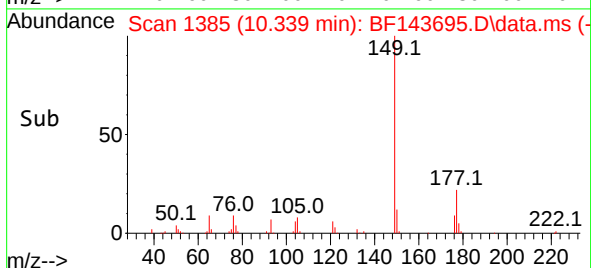
Tgt Ion:232 Resp: 15204
Ion Ratio Lower Upper
232 100
131 40.9 31.9 47.9
130 1.9 1.4 2.0
166 28.7 22.0 33.0

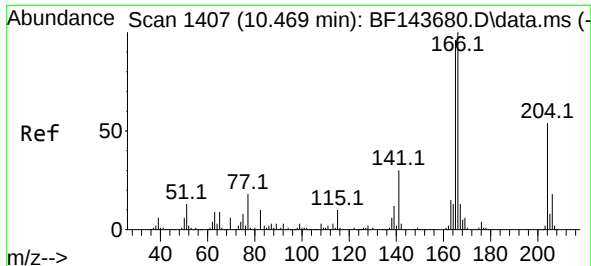


#60
Diethylphthalate
Concen: 8.849 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49



Tgt Ion:149 Resp: 58604
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.5 10.0 15.0

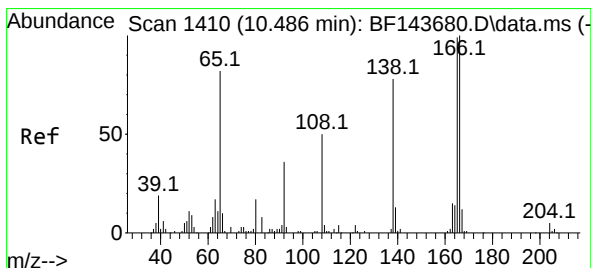
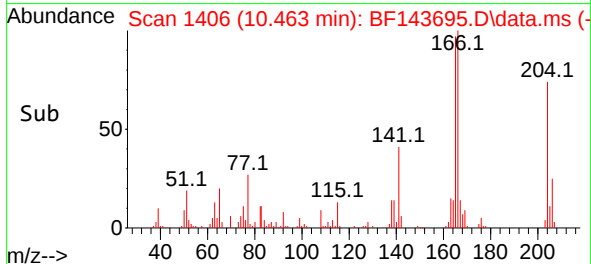
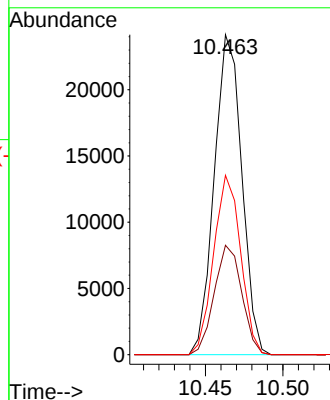
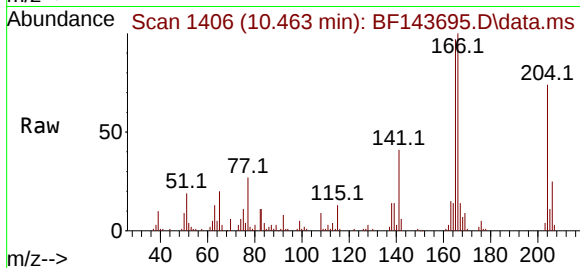




#61
4-Chlorophenyl-phenylether
Concen: 8.649 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

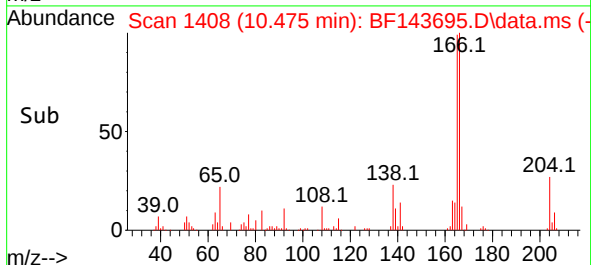
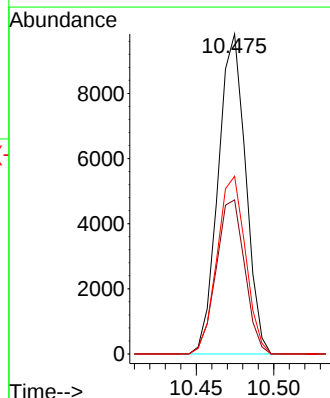
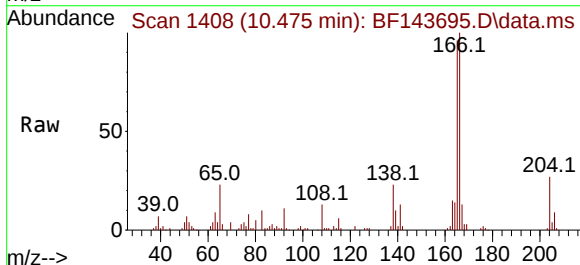
Instrument :
BNA_F
ClientSampleId :

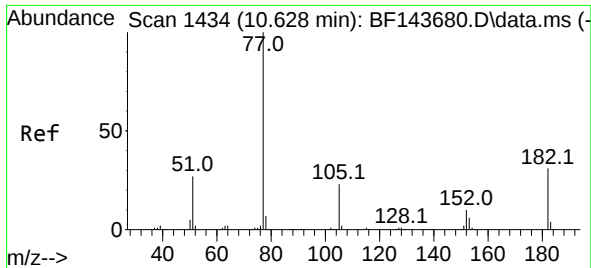
Tgt Ion:204 Resp: 29822
Ion Ratio Lower Upper
204 100
206 34.2 26.0 39.0
141 56.0 44.8 67.2



#62
4-Nitroaniline
Concen: 8.812 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:138 Resp: 12114
Ion Ratio Lower Upper
138 100
92 48.1 26.4 66.4
108 55.5 44.3 84.3

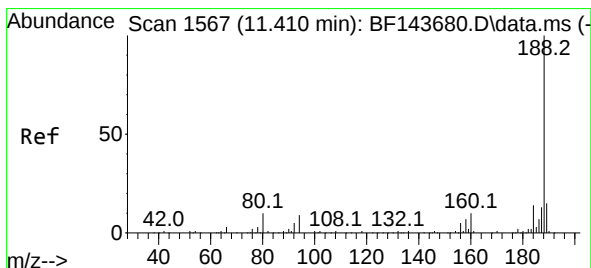
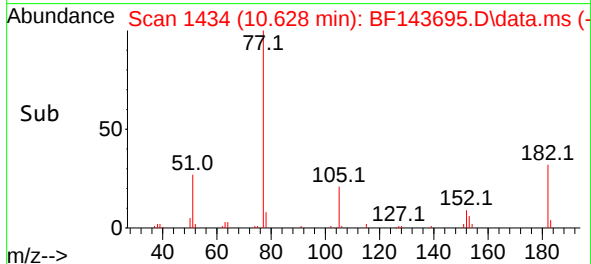
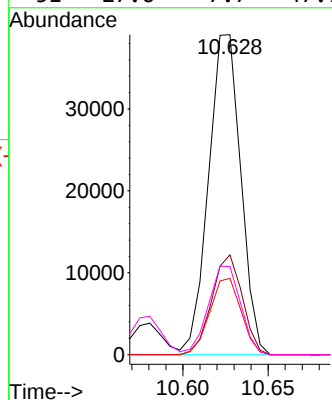
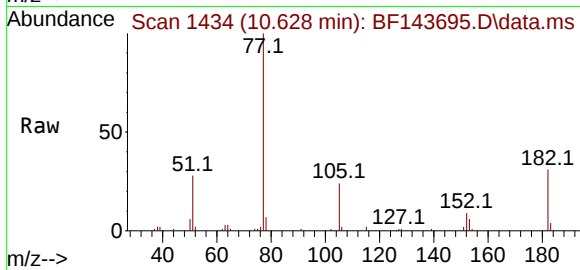




#63
Azobenzene
Concen: 8.775 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

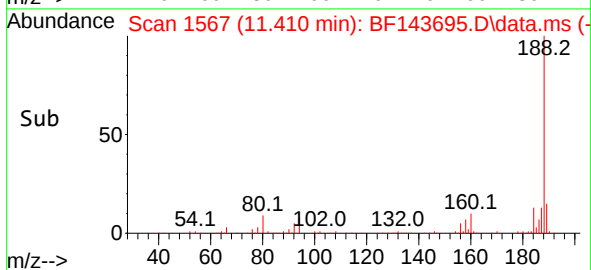
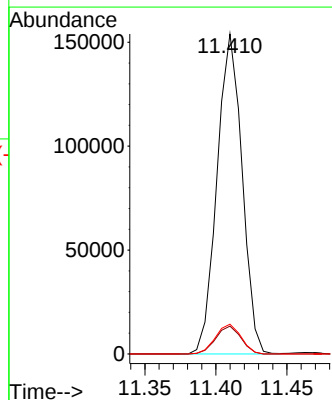
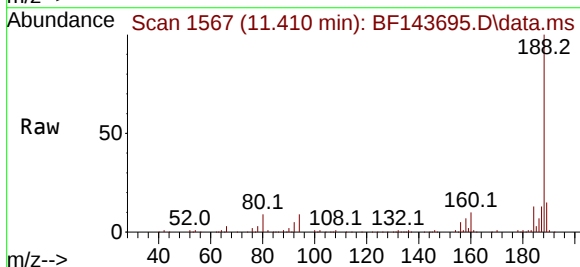
Instrument :
BNA_F
ClientSampleId :

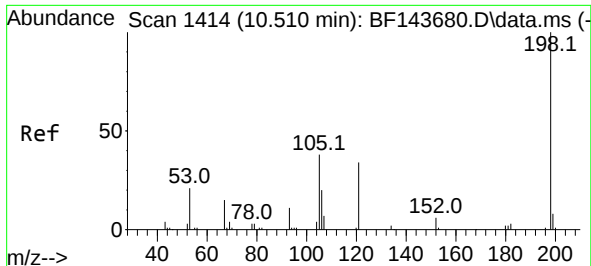
Tgt Ion: 77	Resp: 51374
Ion Ratio	Lower Upper
77 100	
182 31.2	10.8 50.8
105 23.9	3.2 43.2
51 27.6	7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:188	Resp: 188935
Ion Ratio	Lower Upper
188 100	
94 8.7	7.4 11.0
80 9.3	7.7 11.5

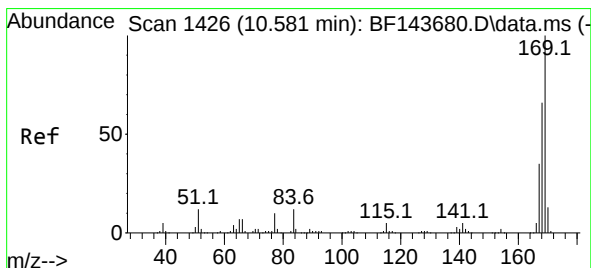
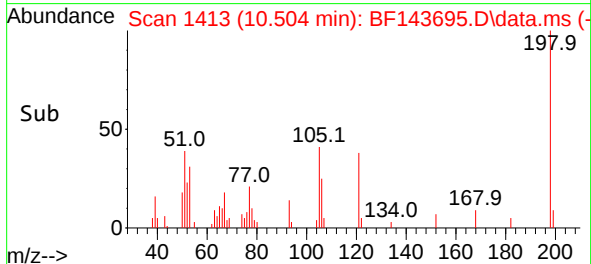
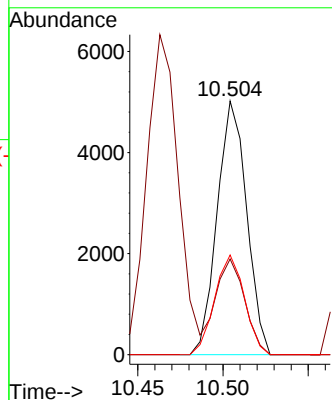
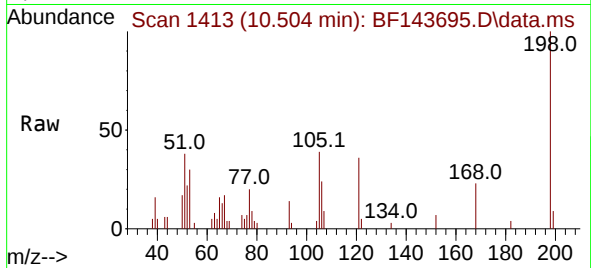




#65
4,6-Dinitro-2-methylphenol
Concen: 6.283 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

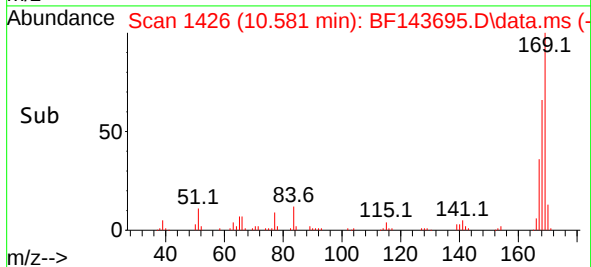
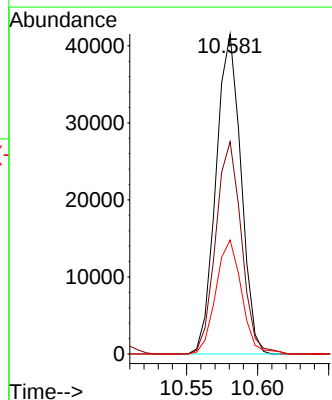
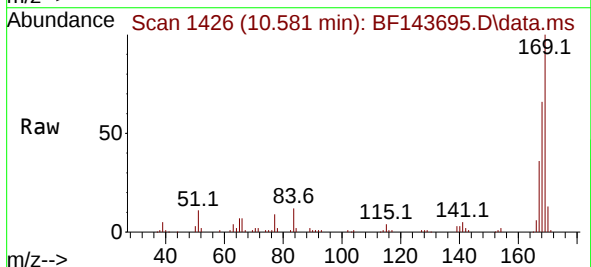
Instrument :
BNA_F
ClientSampleId :

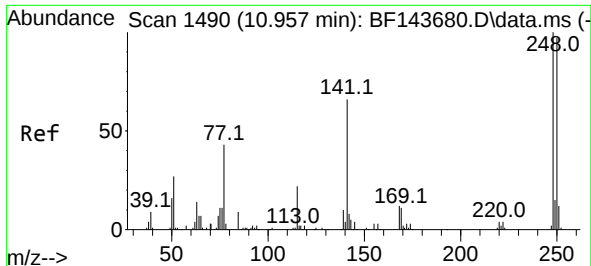
Tgt Ion:198 Resp: 6044
Ion Ratio Lower Upper
198 100
51 37.7 21.2 61.2
105 39.3 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 8.205 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

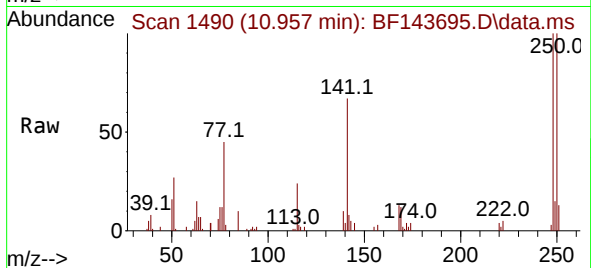
Tgt Ion:169 Resp: 50786
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.6 28.1 42.1



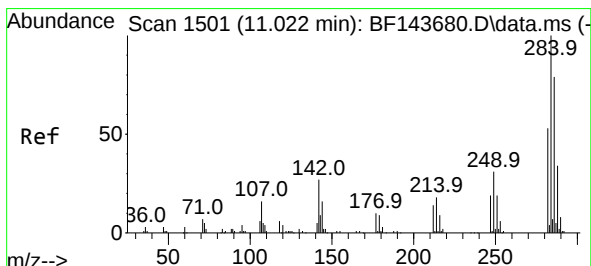
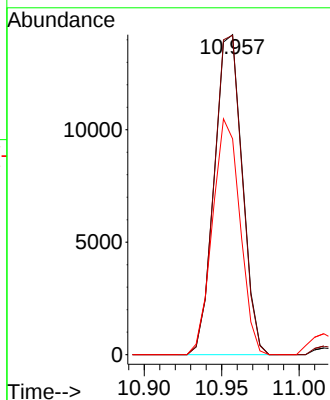
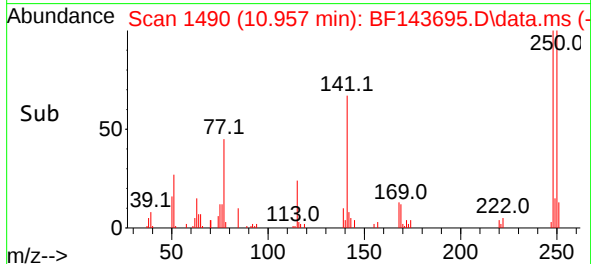


#67
4-Bromophenyl-phenylether
Concen: 7.837 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

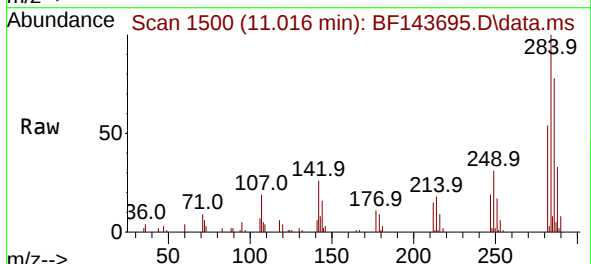
Instrument :
BNA_F
ClientSampleId :



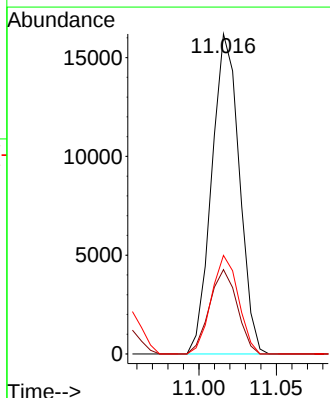
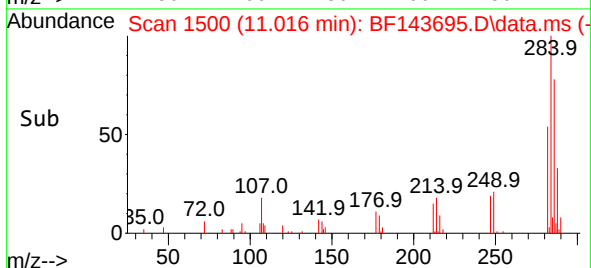
Tgt Ion:248 Resp: 17856
Ion Ratio Lower Upper
248 100
250 99.8 77.5 116.3
141 67.4 52.6 79.0

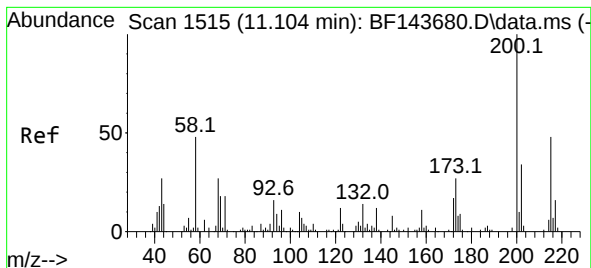


#68
Hexachlorobenzene
Concen: 8.331 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49



Tgt Ion:284 Resp: 20042
Ion Ratio Lower Upper
284 100
142 26.3 21.3 31.9
249 30.8 25.0 37.4





#69

Atrazine

Concen: 8.022 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

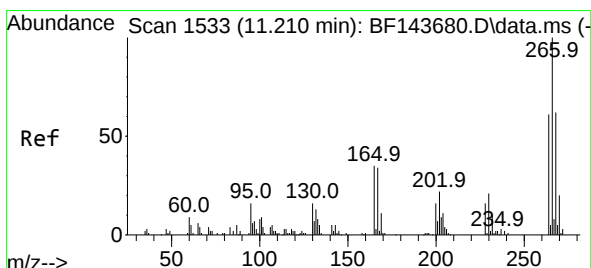
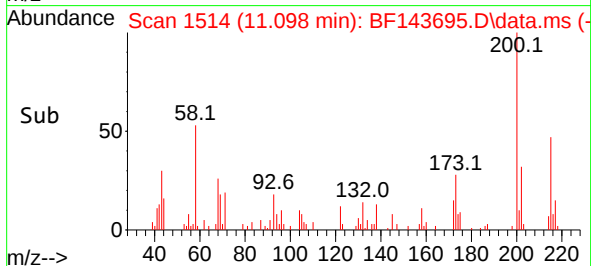
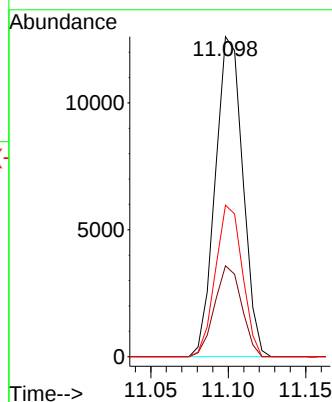
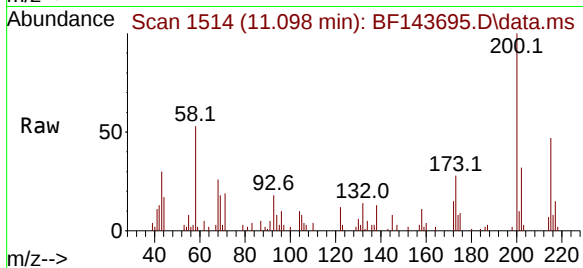
Tgt Ion:200 Resp: 15568

Ion Ratio Lower Upper

200 100

173 28.4 7.3 47.3

215 47.4 28.5 68.5



#70

Pentachlorophenol

Concen: 6.565 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

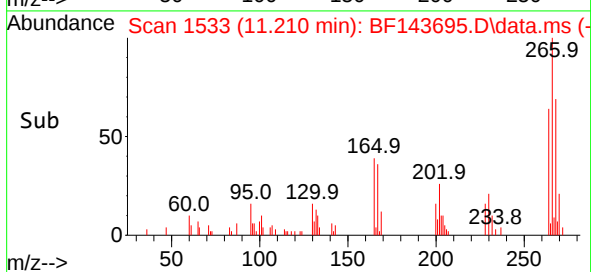
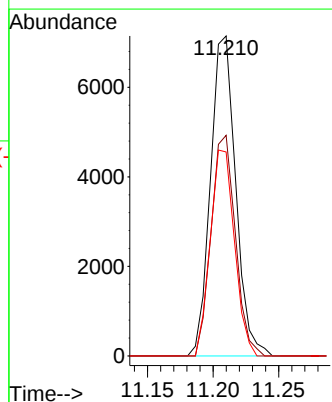
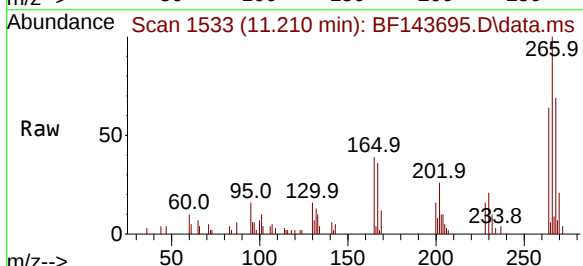
Tgt Ion:266 Resp: 9547

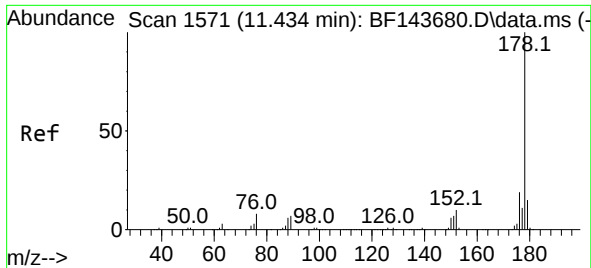
Ion Ratio Lower Upper

266 100

268 69.0 49.2 73.8

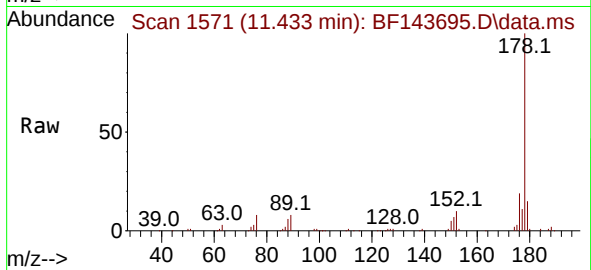
264 63.8 48.6 73.0



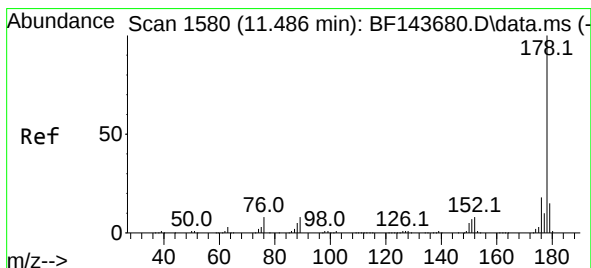
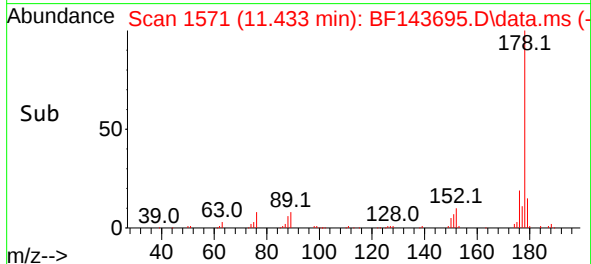
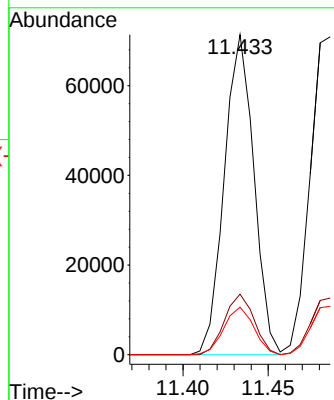


#71
Phenanthrene
Concen: 8.287 ng
RT: 11.433 min Scan# 11433
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

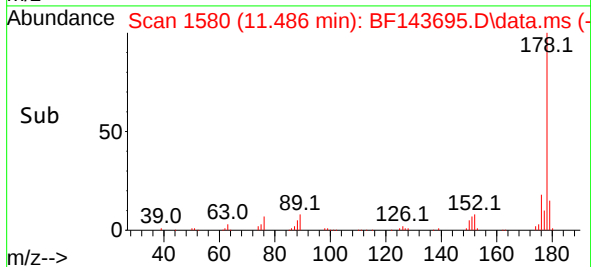
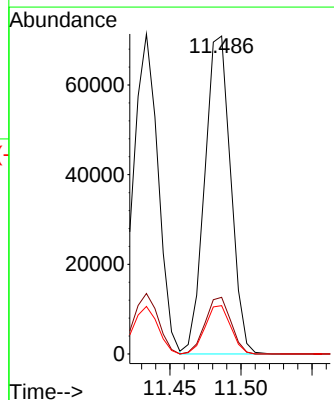
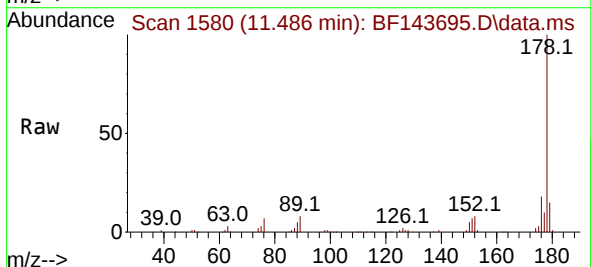


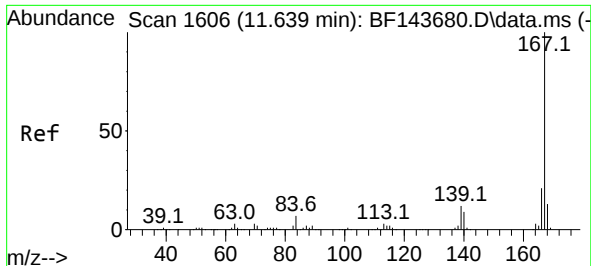
Tgt Ion:178 Resp: 86267
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.9 12.2 18.2



#72
Anthracene
Concen: 8.626 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

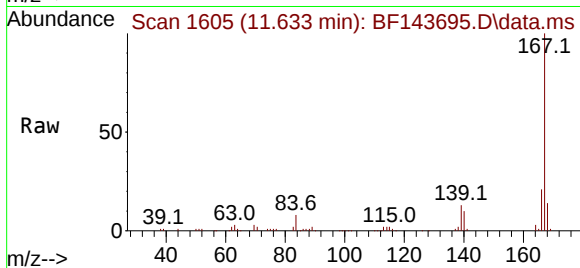
Tgt Ion:178 Resp: 90288
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.2 12.2 18.2



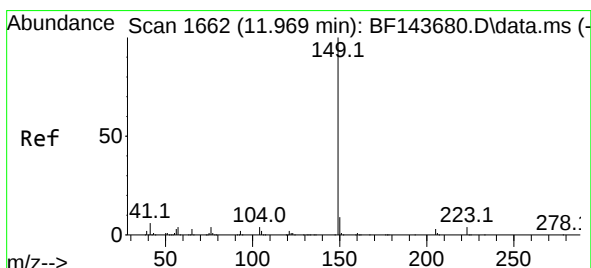
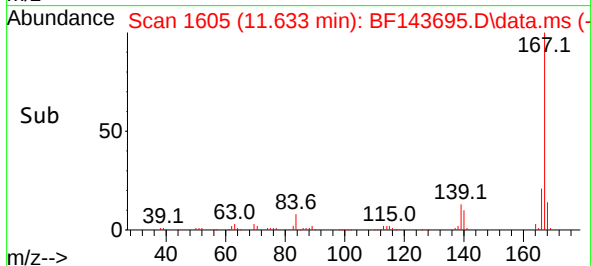
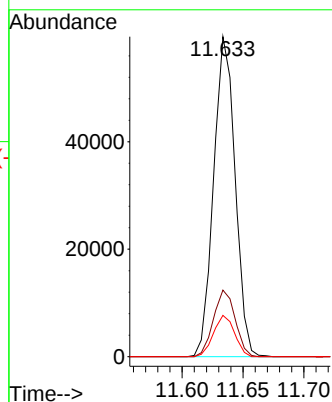


#73
Carbazole
Concen: 8.540 ng
RT: 11.633 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

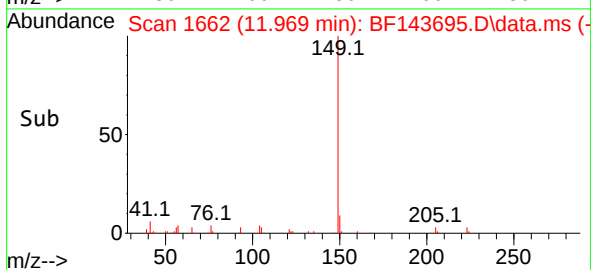
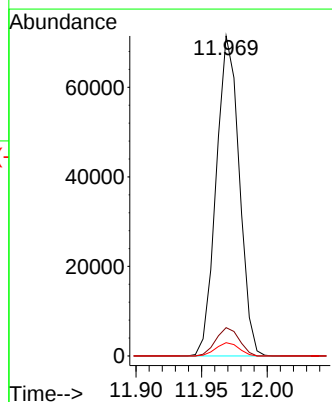
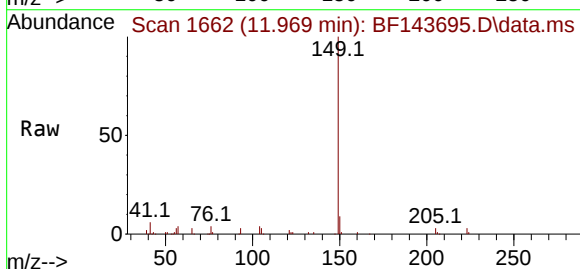


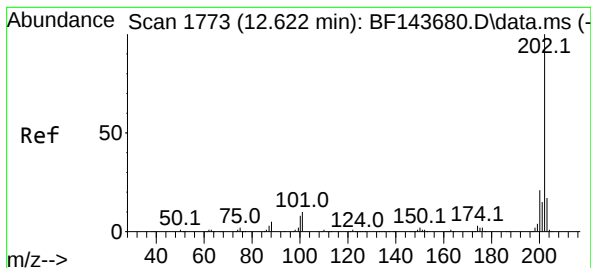
Tgt Ion:167 Resp: 73209
Ion Ratio Lower Upper
167 100
166 20.8 17.0 25.4
139 12.9 9.7 14.5



#74
Di-n-butylphthalate
Concen: 8.465 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:149 Resp: 87363
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.2 3.3 4.9





#75

Fluoranthene

Concen: 8.435 ng

RT: 12.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

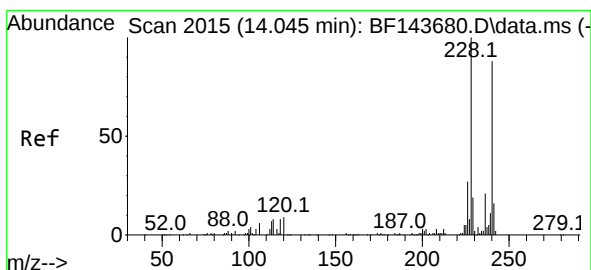
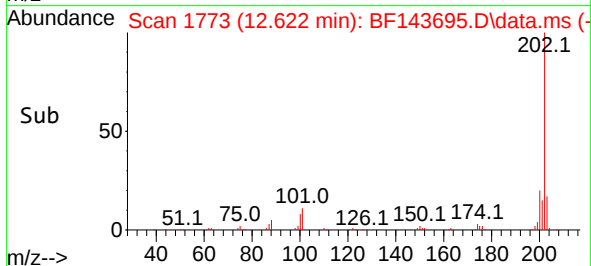
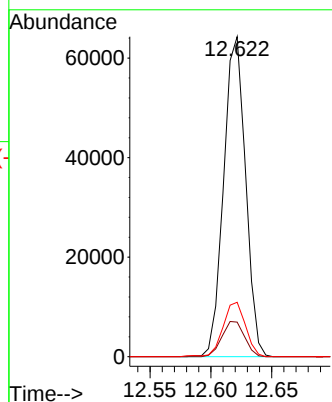
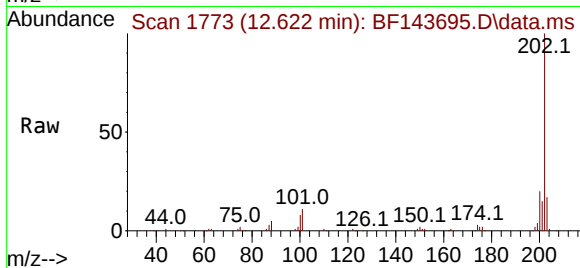
Tgt Ion:202 Resp: 80614

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.5

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

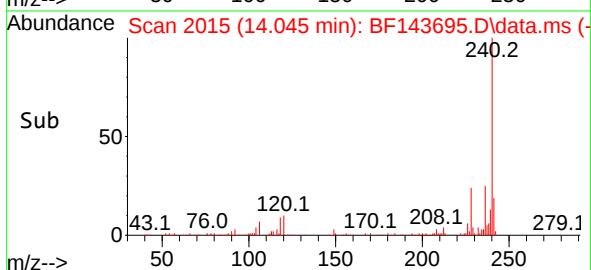
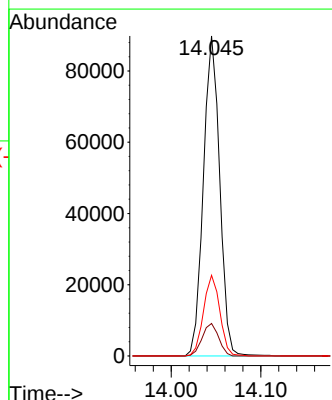
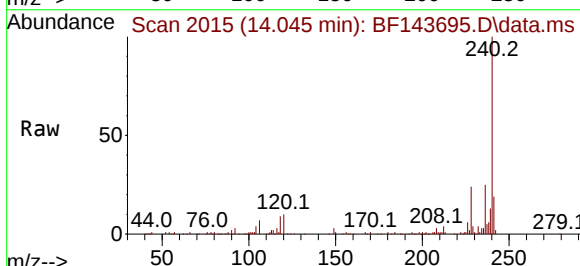
Tgt Ion:240 Resp: 113275

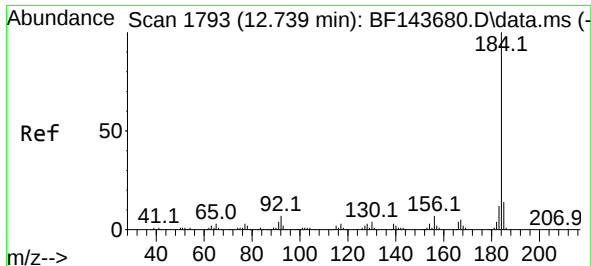
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 25.2 18.6 28.0

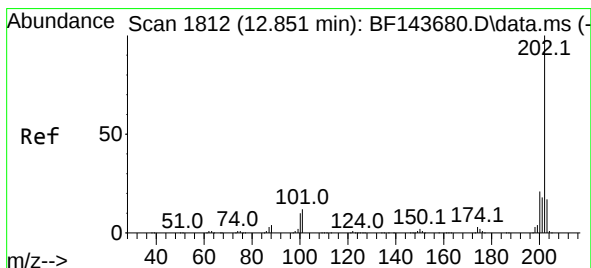
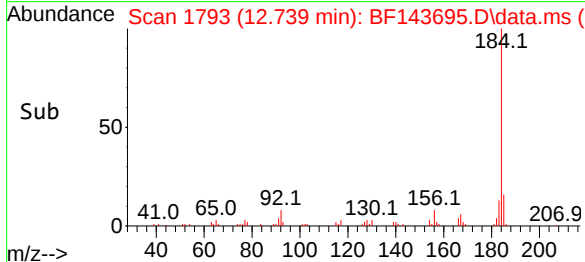
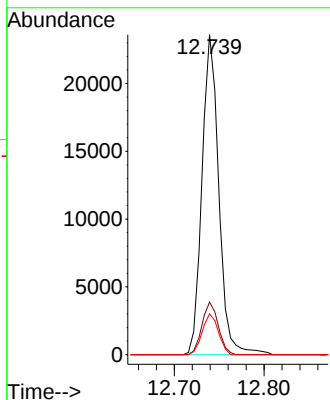
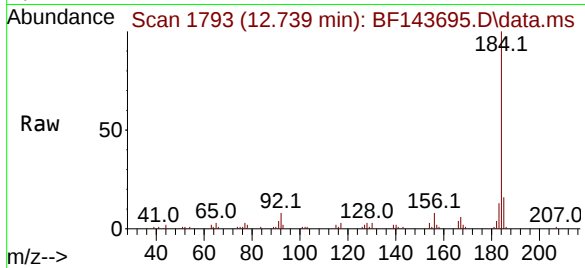




#77
Benzidine
Concen: 8.314 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

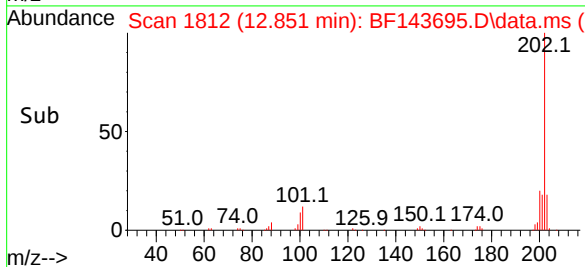
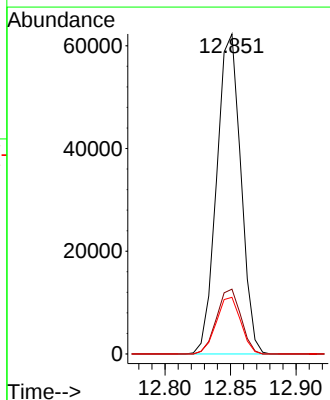
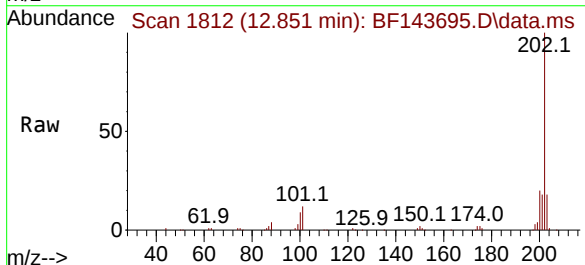
Instrument :
BNA_F
ClientSampleId :

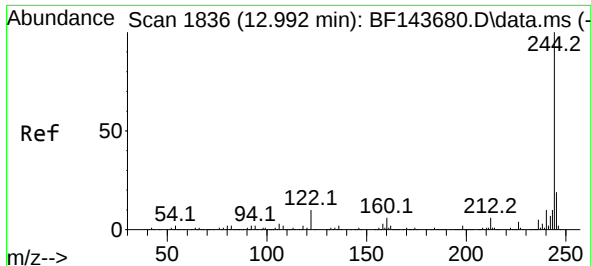
Tgt Ion:184 Resp: 30711
Ion Ratio Lower Upper
184 100
185 16.5 11.5 17.3
183 12.8 9.4 14.2



#78
Pyrene
Concen: 8.805 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Tgt Ion:202 Resp: 79743
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.7 13.5 20.3

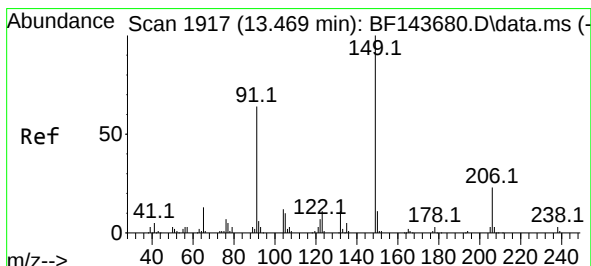
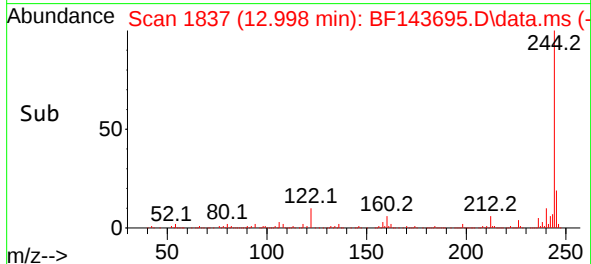
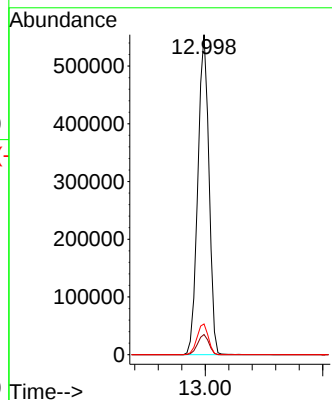
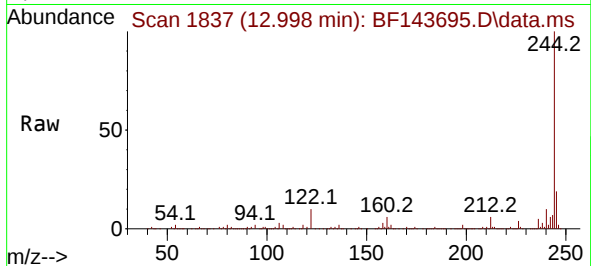




#79
 Terphenyl-d14
 Concen: 103.936 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49

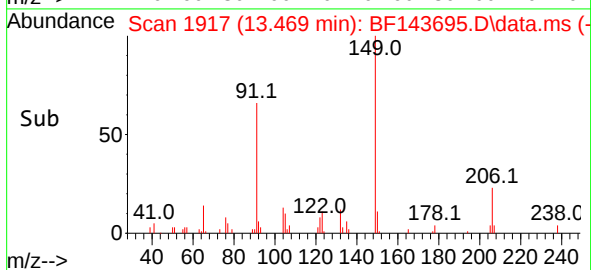
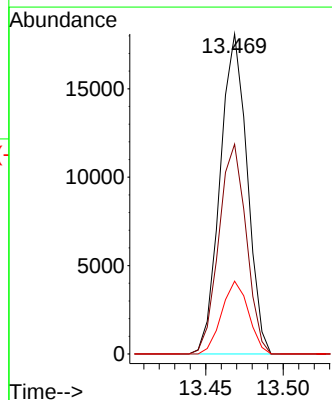
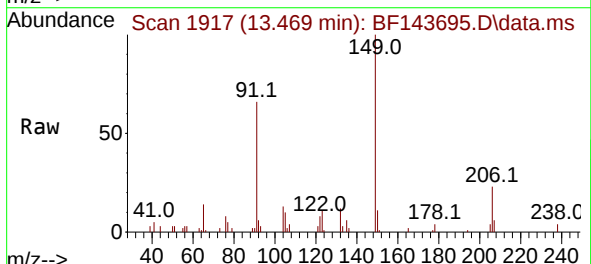
Instrument :
 BNA_F
 ClientSampleId :

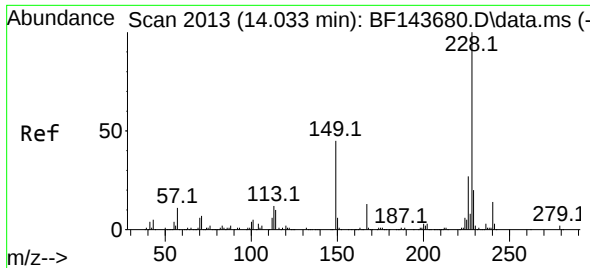
Tgt Ion:244 Resp: 726514
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 9.6 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 7.742 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49

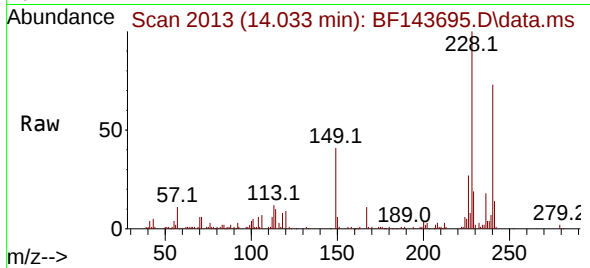
Tgt Ion:149 Resp: 21968
 Ion Ratio Lower Upper
 149 100
 91 65.5 50.9 76.3
 206 22.7 18.2 27.2



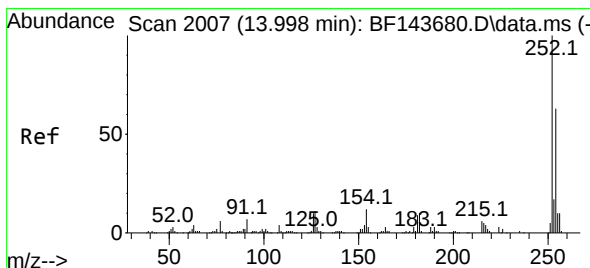
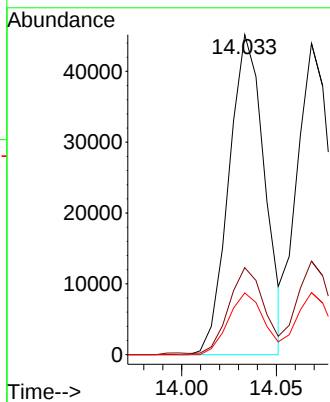
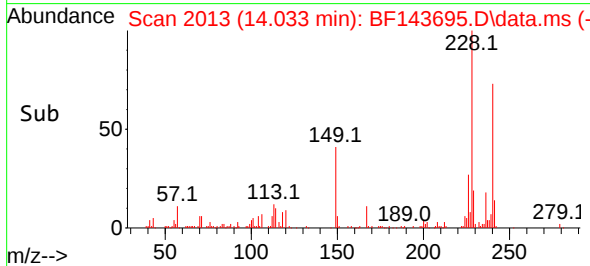


#81
Benzo(a)anthracene
Concen: 8.149 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

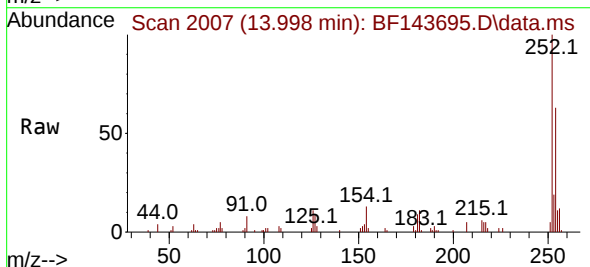
Instrument :
BNA_F
ClientSampleId :



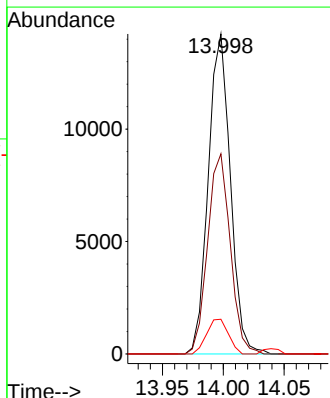
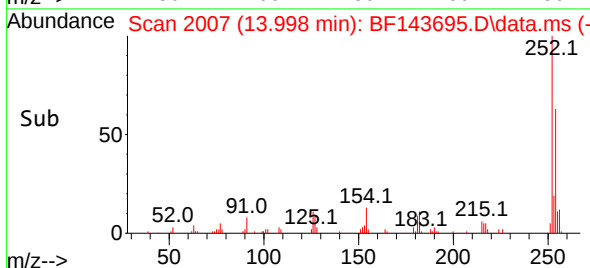
Tgt Ion:228 Resp: 59383
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.3 15.7 23.5

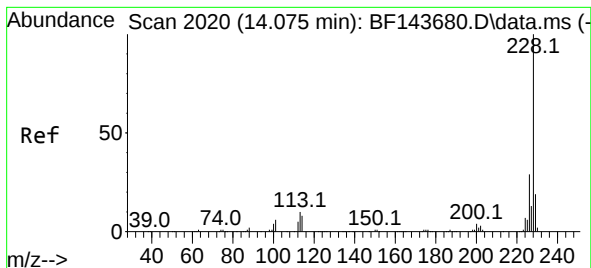


#82
3,3'-Dichlorobenzidine
Concen: 8.031 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49



Tgt Ion:252 Resp: 18005
Ion Ratio Lower Upper
252 100
254 62.5 50.5 75.7
126 10.9 8.2 12.4





#83

Chrysene

Concen: 8.202 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

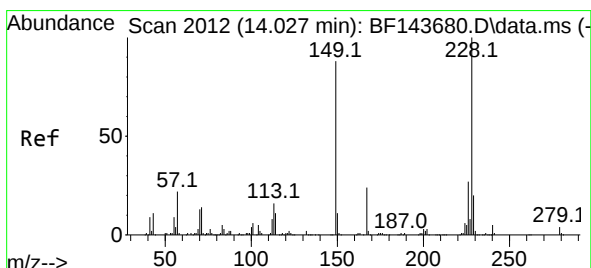
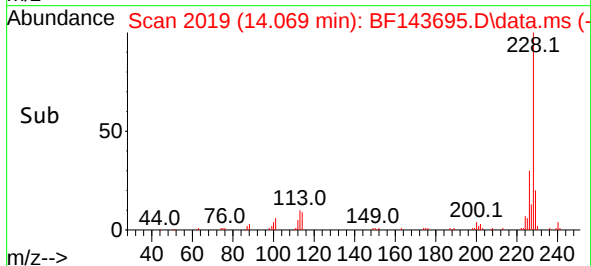
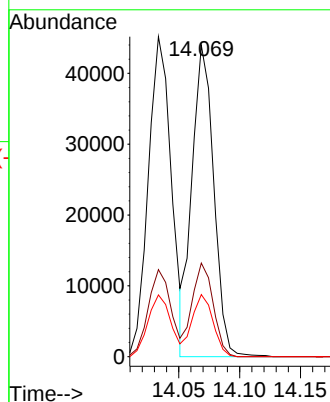
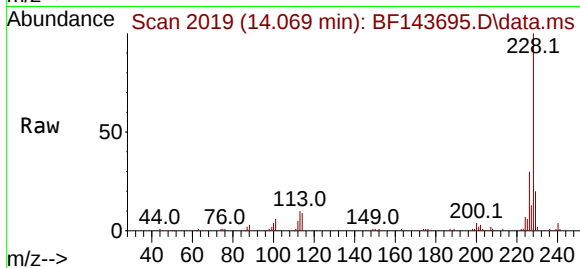
Tgt Ion:228 Resp: 54745

Ion Ratio Lower Upper

228 100

226 30.1 22.7 34.1

229 19.9 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.705 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

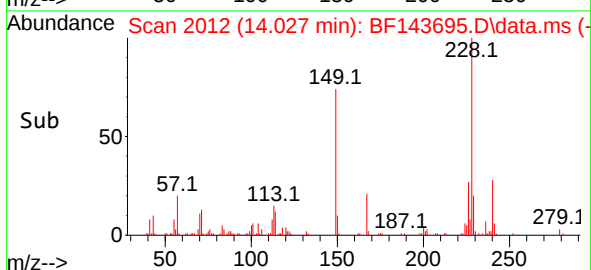
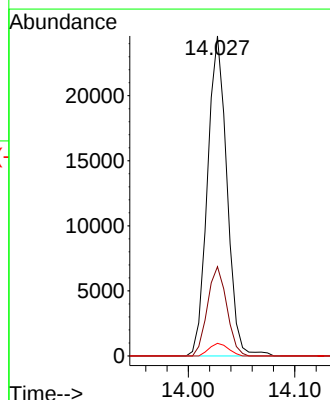
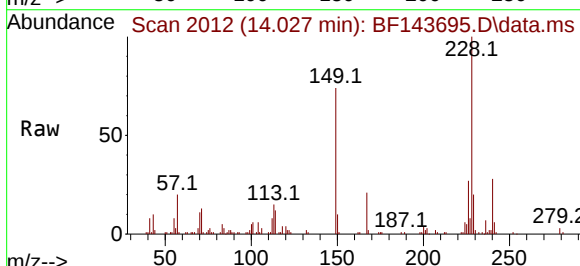
Tgt Ion:149 Resp: 31195

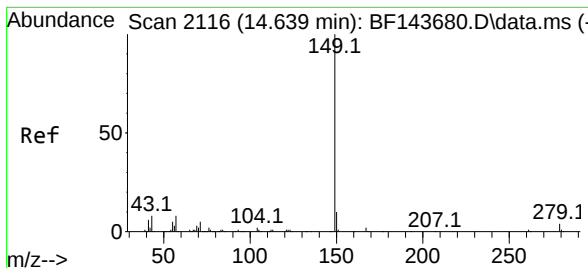
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 3.9 3.5 5.3

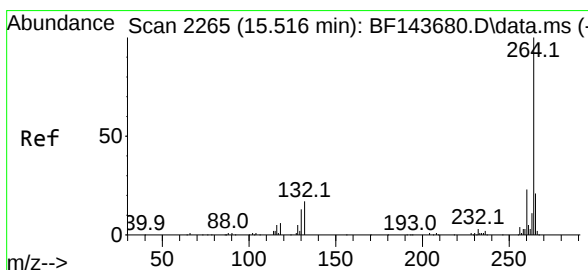
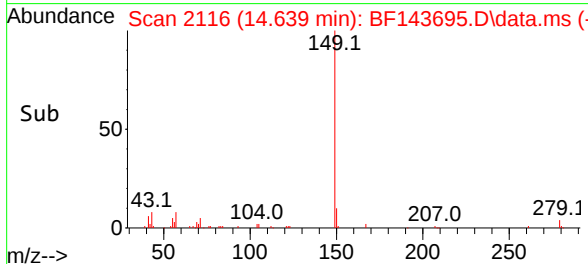
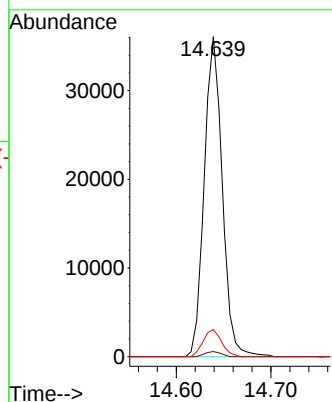
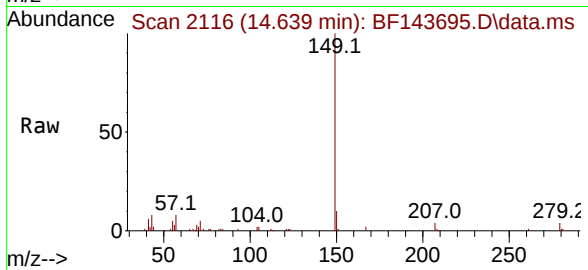




#85
Di-n-octyl phthalate
Concen: 6.574 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

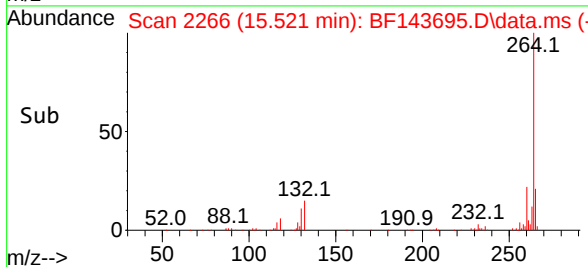
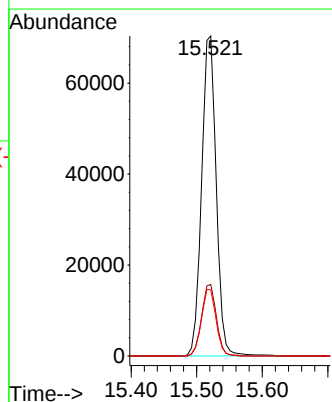
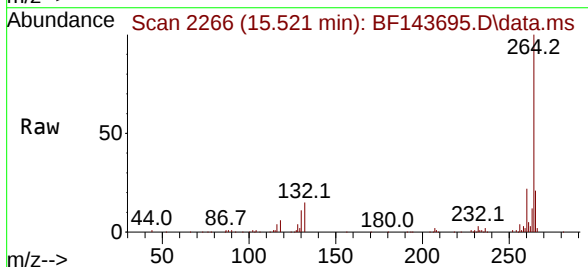
Instrument :
BNA_F
ClientSampleId :

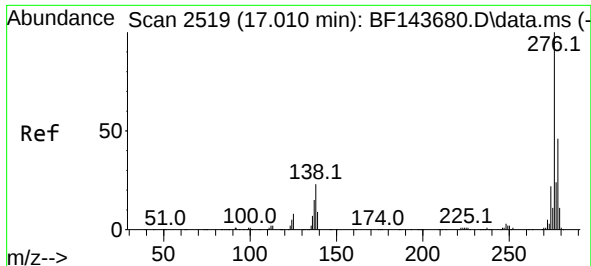
Tgt Ion:149 Resp: 47696
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 8.7 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

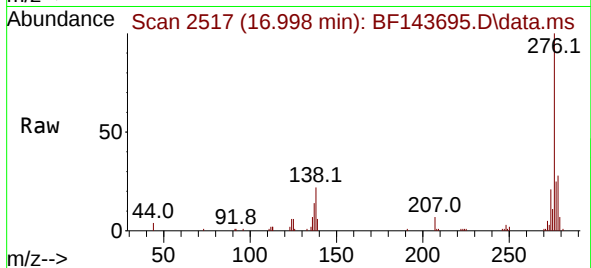
Tgt Ion:264 Resp: 109238
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 20.7 17.1 25.7



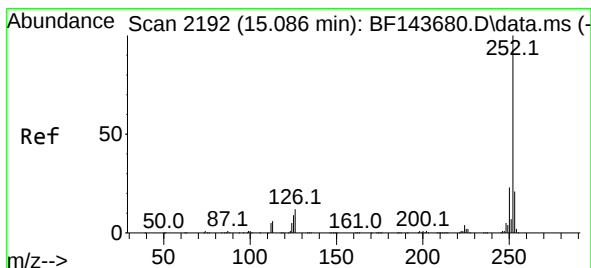
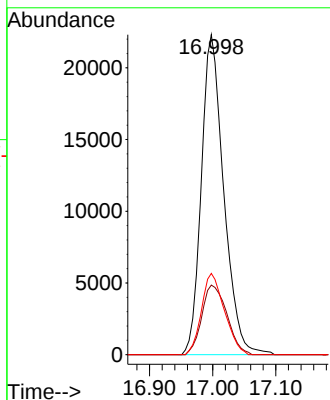
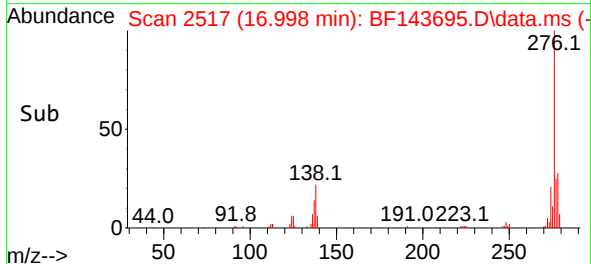


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.385 ng
 RT: 16.998 min Scan# 2519
 Delta R.T. -0.012 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49

Instrument :
 BNA_F
 ClientSampleId :

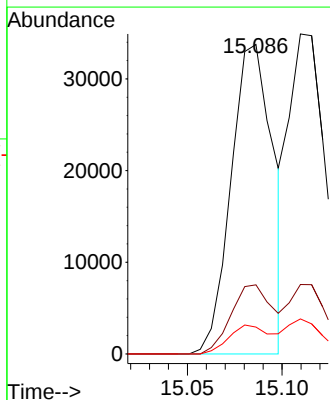
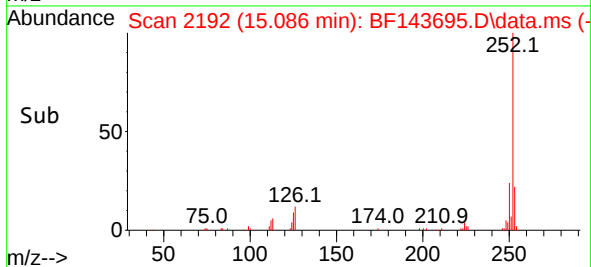
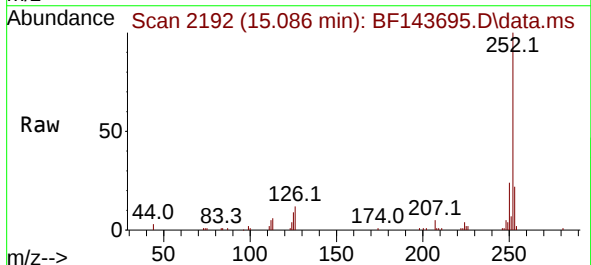


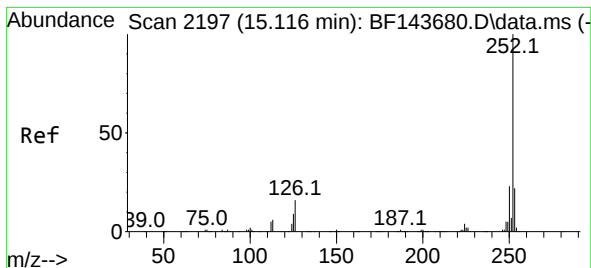
Tgt Ion:276 Resp: 55057
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.7 29.5
 277 25.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 8.002 ng
 RT: 15.086 min Scan# 2192
 Delta R.T. -0.000 min
 Lab File: BF143695.D
 Acq: 10 Sep 2025 10:49

Tgt Ion:252 Resp: 52032
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.0 25.4
 125 8.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 8.866 ng

RT: 15.086 min Scan# 2197

Delta R.T. -0.029 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

Instrument :

BNA_F

ClientSampleId :

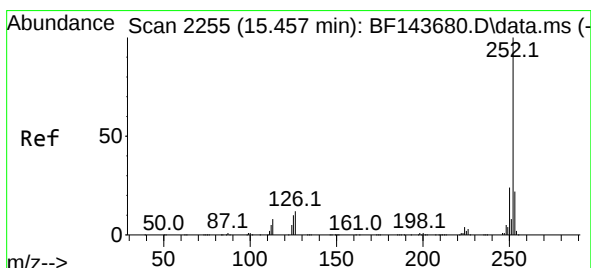
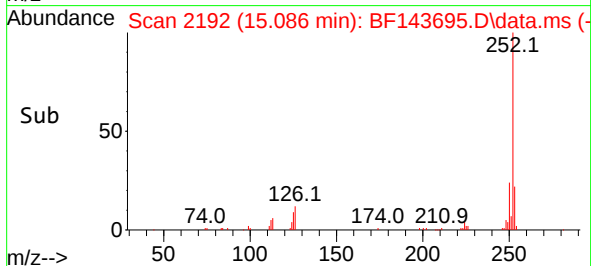
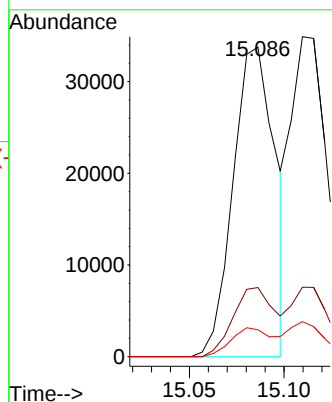
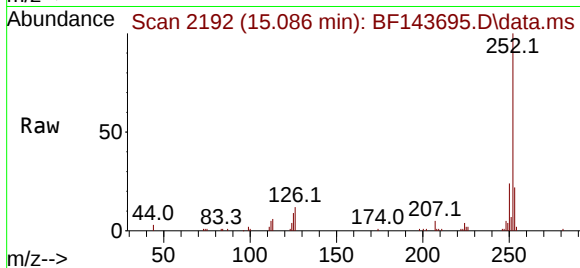
Tgt Ion:252 Resp: 52032

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 8.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 8.402 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF143695.D

Acq: 10 Sep 2025 10:49

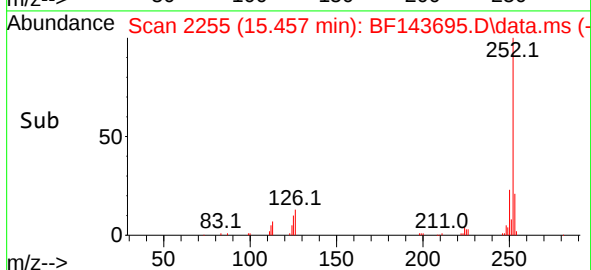
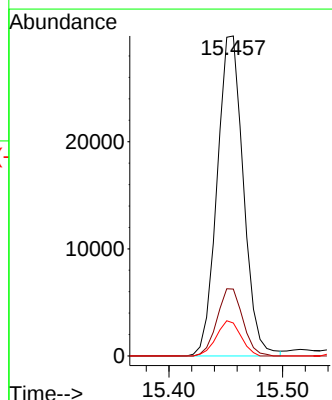
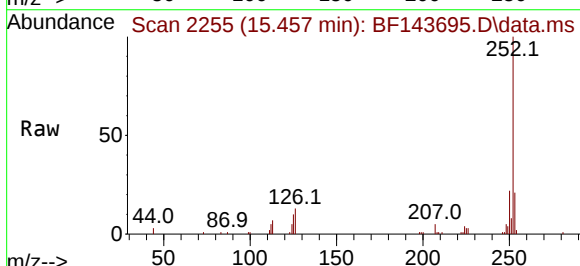
Tgt Ion:252 Resp: 48001

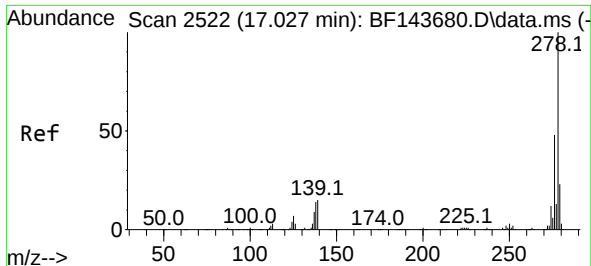
Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

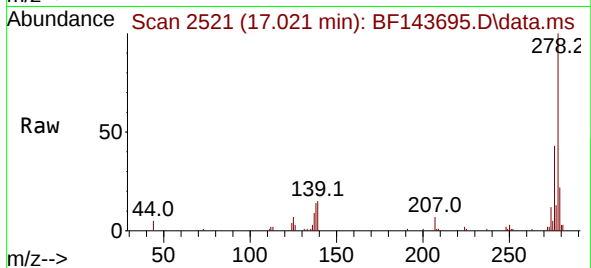
125 10.3 8.2 12.4





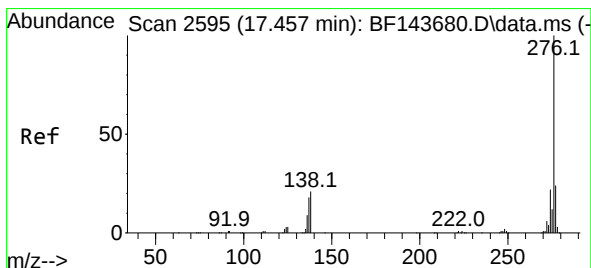
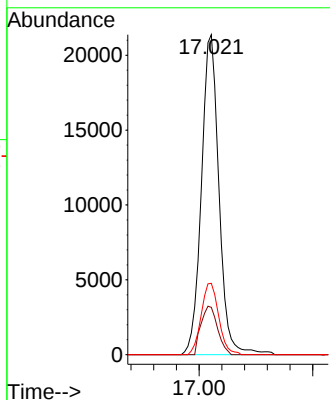
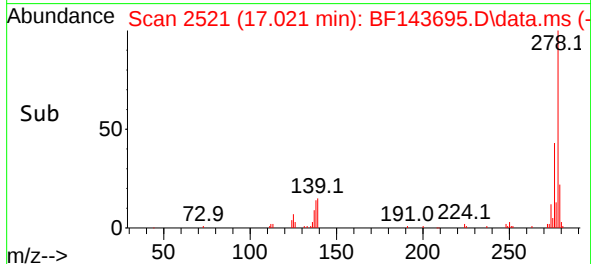
#91
Dibenzo(a,h)anthracene
Concen: 7.405 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49

Instrument :
BNA_F
ClientSampleId :

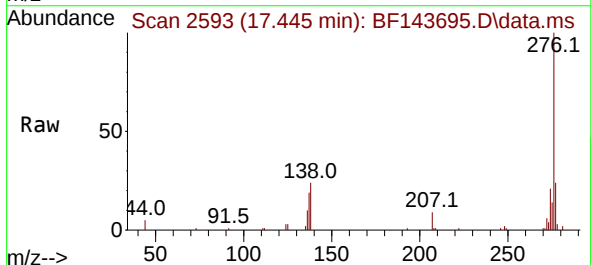


Tgt Ion:278 Resp: 45805

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.2	18.4
279	22.3	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 7.578 ng
RT: 17.445 min Scan# 2593
Delta R.T. -0.012 min
Lab File: BF143695.D
Acq: 10 Sep 2025 10:49



Tgt Ion:276 Resp: 43841

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	23.8	17.0	25.4

