

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143688.D
 Acq On : 09 Sep 2025 16:59
 Operator : RC/JU
 Sample : Q2893-01
 Misc : LOD-MDL-SOIL 8 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 17:50:04 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	45543	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	173489	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	102171	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	173016	20.000	ng	0.00
76) Chrysene-d12	14.045	240	103451	20.000	ng	0.00
86) Perylene-d12	15.516	264	105156	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	353441	132.407	ng	0.00
7) Phenol-d6	6.510	99	442433	136.124	ng	0.00
23) Nitrobenzene-d5	7.451	82	277825	99.608	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	143175	139.052	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	623246	92.148	ng	0.00
79) Terphenyl-d14	12.998	244	657958	103.067	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.681	88	9964	8.368 ng	96
3) Pyridine	3.475	79	24022	7.810 ng	96
4) n-Nitrosodimethylamine	3.375	42	9241	7.909 ng	96
6) Aniline	6.551	93	36335	8.441 ng	97
8) 2-Chlorophenol	6.675	128	24031	8.335 ng	97
9) Benzaldehyde	6.440	77	18761	7.154 ng	96
10) Phenol	6.522	94	28840	8.027 ng	81
11) bis(2-Chloroethyl)ether	6.622	93	22096	8.235 ng	98
12) 1,3-Dichlorobenzene	6.828	146	28965	8.785 ng	98
13) 1,4-Dichlorobenzene	6.904	146	28648	8.608 ng	99
14) 1,2-Dichlorobenzene	7.057	146	26496	8.431 ng	97
15) Benzyl Alcohol	7.022	79	19612	8.295 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	28383	8.085 ng	97
17) 2-Methylphenol	7.122	107	19146	8.256 ng	99
18) Hexachloroethane	7.404	117	9066	8.433 ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	16995	8.514 ng	99
20) 3+4-Methylphenols	7.281	107	24939	8.166 ng	# 87
22) Acetophenone	7.293	105	34917	8.911 ng	98
24) Nitrobenzene	7.463	77	25091	8.676 ng	97
25) Isophorone	7.698	82	45488	8.505 ng	100
26) 2-Nitrophenol	7.781	139	11325	7.964 ng	97
27) 2,4-Dimethylphenol	7.810	122	23307	9.130 ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	28316	8.615 ng	99
29) 2,4-Dichlorophenol	8.016	162	21194	8.254 ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	23225	8.730 ng	99
31) Naphthalene	8.193	128	72225	8.410 ng	99
32) Benzoic acid	7.857	122	8694	5.582 ng	97
33) 4-Chloroaniline	8.234	127	28482	9.526 ng	96
34) Hexachlorobutadiene	8.310	225	14438	8.321 ng	97
35) Caprolactam	8.563	113	5535	8.099 ng	96
36) 4-Chloro-3-methylphenol	8.698	107	21154	8.355 ng	98
37) 2-Methylnaphthalene	8.881	142	45032	7.660 ng	99
38) 1-Methylnaphthalene	8.981	142	46613	8.262 ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	24539	8.389 ng	98
41) Hexachlorocyclopentadiene	9.034	237	14591	9.716 ng	97
43) 2,4,6-Trichlorophenol	9.151	196	15537	7.955 ng	96

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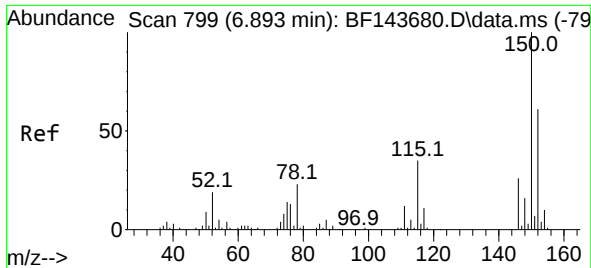
Quant Time: Sep 09 17:50:04 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	16443	8.281	ng	99
46) 1,1'-Biphenyl	9.345	154	64249	8.735	ng	100
47) 2-Chloronaphthalene	9.369	162	47633	8.260	ng	98
48) 2-Nitroaniline	9.457	65	12281	8.048	ng	96
49) Acenaphthylene	9.781	152	76954	9.316	ng	100
50) Dimethylphthalate	9.640	163	56349	8.477	ng	99
51) 2,6-Dinitrotoluene	9.698	165	10999	8.654	ng	97
52) Acenaphthene	9.957	154	46463	8.163	ng	100
53) 3-Nitroaniline	9.863	138	11371	8.313	ng	89
54) 2,4-Dinitrophenol	9.969	184	3429	10.259	ng	# 1
55) Dibenzofuran	10.128	168	69751	8.522	ng	98
56) 4-Nitrophenol	10.004	139	8286	7.615	ng	96
57) 2,4-Dinitrotoluene	10.098	165	14024	8.107	ng	# 98
58) Fluorene	10.469	166	55329	8.636	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14186	8.811	ng	# 97
60) Diethylphthalate	10.339	149	52683	8.442	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	27490	8.460	ng	100
62) 4-Nitroaniline	10.469	138	10817	8.350	ng	97
63) Azobenzene	10.622	77	47209	8.556	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	5511	6.256	ng	98
66) n-Nitrosodiphenylamine	10.581	169	47610	8.400	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	17298	8.291	ng	95
68) Hexachlorobenzene	11.016	284	17593	7.986	ng	96
69) Atrazine	11.098	200	14106	7.937	ng	95
70) Pentachlorophenol	11.204	266	8766	6.582	ng	98
71) Phenanthrene	11.434	178	80496	8.444	ng	99
72) Anthracene	11.481	178	80940	8.444	ng	99
73) Carbazole	11.633	167	66847	8.515	ng	99
74) Di-n-butylphthalate	11.969	149	77926	8.245	ng	99
75) Fluoranthene	12.616	202	73412	8.389	ng	99
77) Benzidine	12.739	184	27459	8.140	ng	# 96
78) Pyrene	12.845	202	73617	8.900	ng	99
80) Butylbenzylphthalate	13.469	149	20832	8.038	ng	98
81) Benzo(a)anthracene	14.033	228	56450	8.482	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	17266	8.433	ng	99
83) Chrysene	14.069	228	49588	8.135	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	29801	8.059	ng	# 98
85) Di-n-octyl phthalate	14.639	149	46100	6.957	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	50917	7.095	ng	99
88) Benzo(b)fluoranthene	15.080	252	53022	8.470	ng	99
89) Benzo(k)fluoranthene	15.110	252	43120	7.633	ng	99
90) Benzo(a)pyrene	15.451	252	45182	8.216	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	42471	7.133	ng	98
92) Benzo(g,h,i)perylene	17.439	276	40168	7.212	ng	97

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

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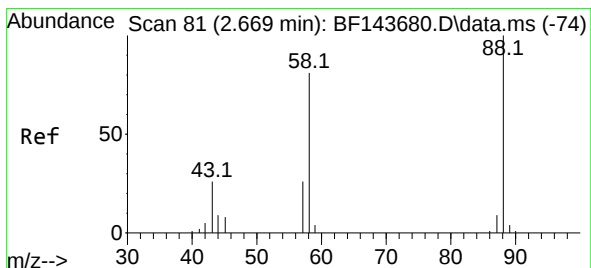
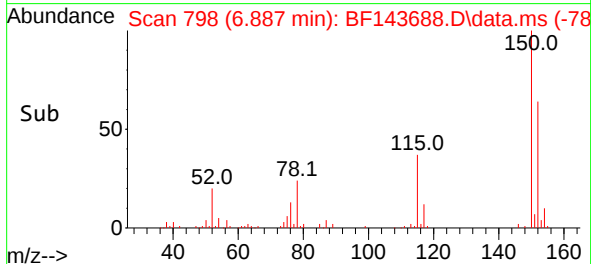
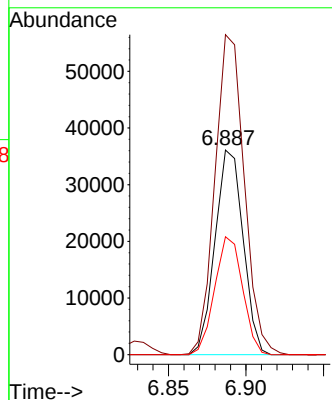
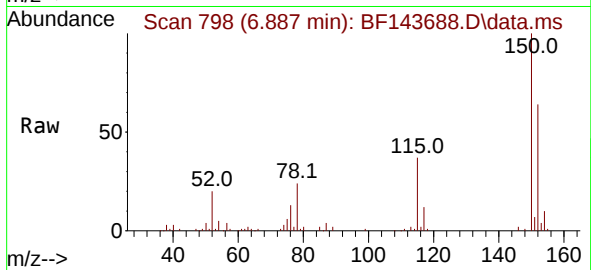




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

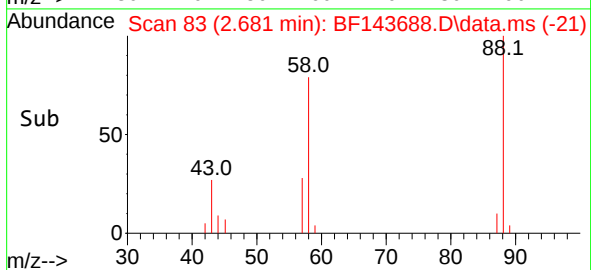
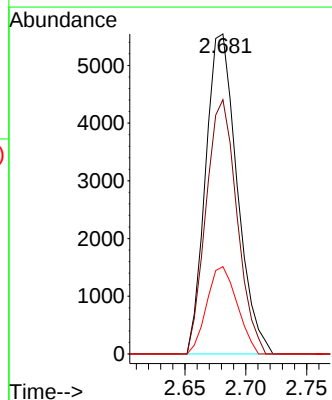
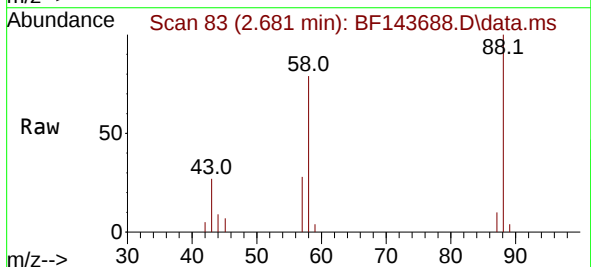
Instrument :
 BNA_F
 ClientSampleId :

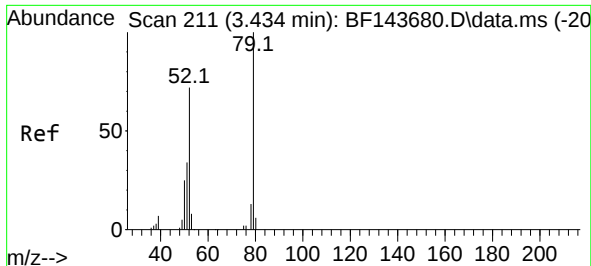
Tgt Ion:152 Resp: 45543
 Ion Ratio Lower Upper
 152 100
 150 156.3 130.7 196.1
 115 57.7 45.9 68.9



#2
 1,4-Dioxane
 Concen: 8.368 ng
 RT: 2.681 min Scan# 83
 Delta R.T. 0.012 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

Tgt Ion: 88 Resp: 9964
 Ion Ratio Lower Upper
 88 100
 58 78.0 65.8 98.6
 43 26.2 20.6 31.0





#3

Pyridine

Concen: 7.810 ng

RT: 3.475 min Scan# 211

Delta R.T. 0.041 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

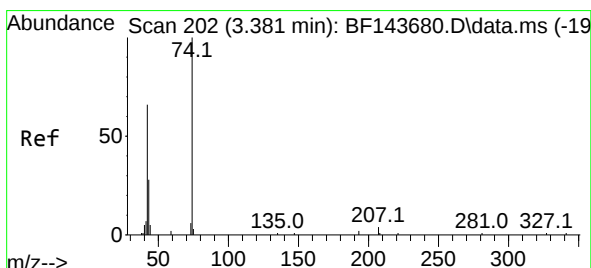
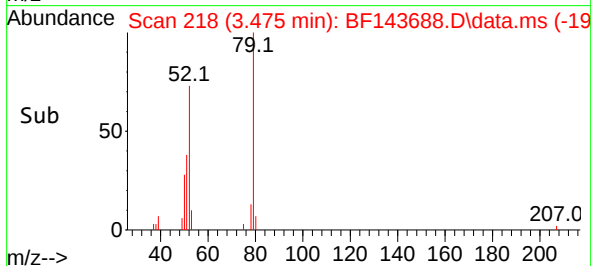
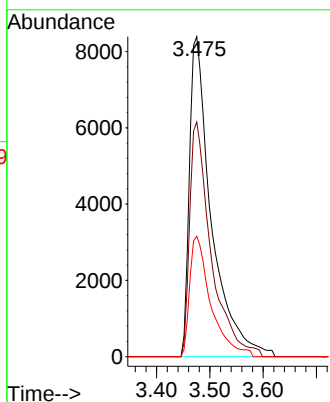
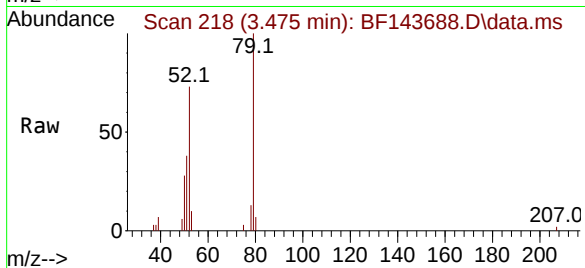
Tgt Ion: 79 Resp: 24022

Ion Ratio Lower Upper

79 100

52 73.4 57.2 85.8

51 37.7 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 7.909 ng

RT: 3.375 min Scan# 201

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

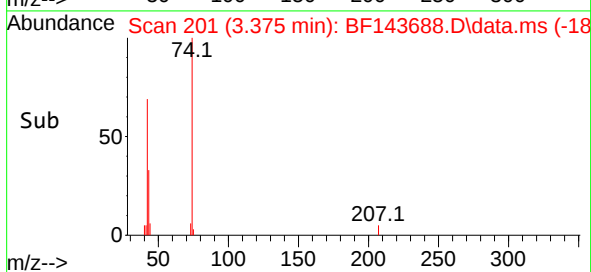
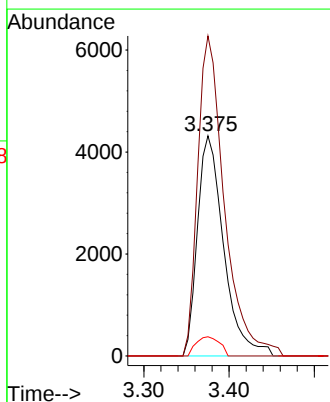
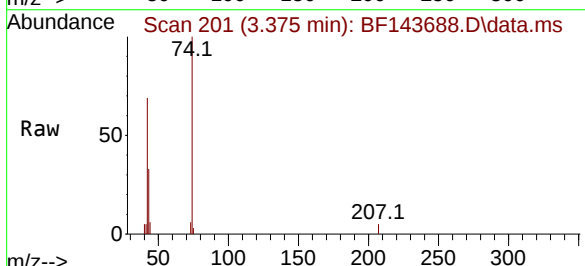
Tgt Ion: 42 Resp: 9241

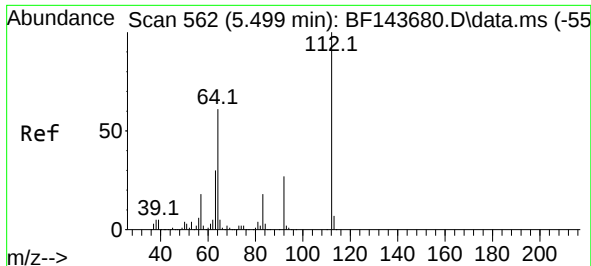
Ion Ratio Lower Upper

42 100

74 145.3 120.9 181.3

44 8.7 6.5 9.7

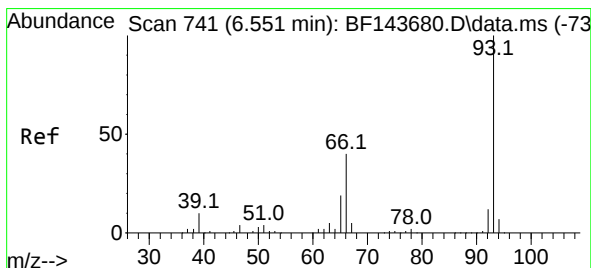
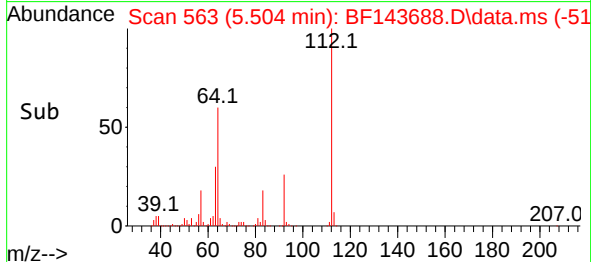
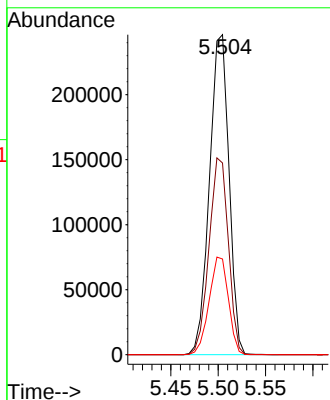
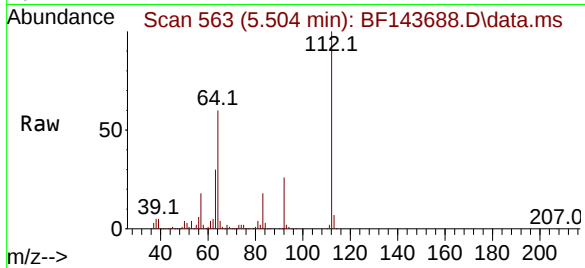




#5
2-Fluorophenol
Concen: 132.407 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

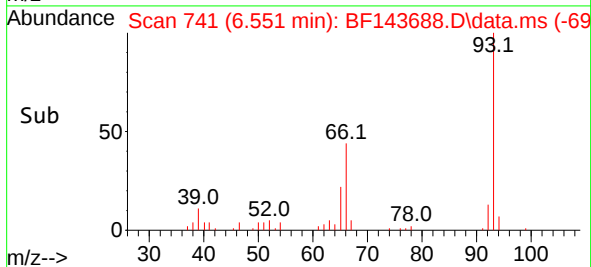
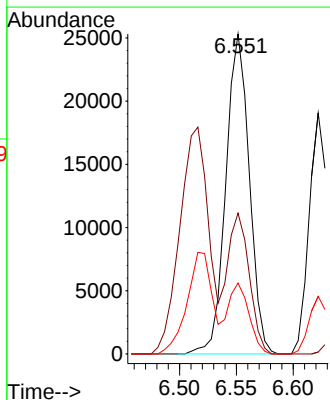
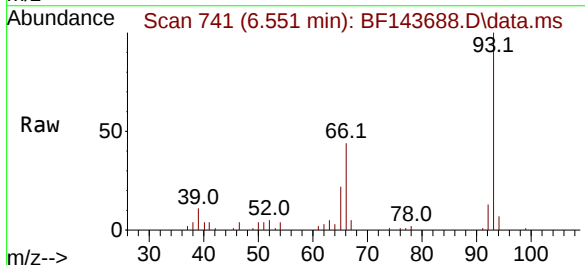
Instrument :
BNA_F
ClientSampleId :

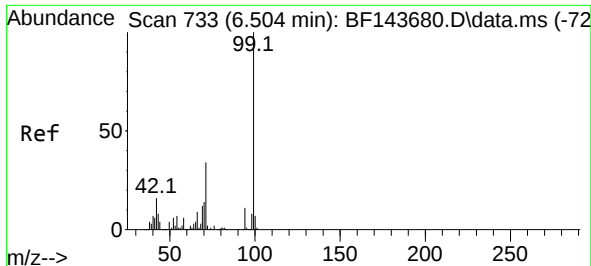
Tgt Ion:112 Resp: 353441
Ion Ratio Lower Upper
112 100
64 59.9 49.0 73.4
63 29.9 24.3 36.5



#6
Aniline
Concen: 8.441 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion: 93 Resp: 36335
Ion Ratio Lower Upper
93 100
66 44.0 34.1 51.1
65 22.1 16.1 24.1





#7

Phenol-d6

Concen: 136.124 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

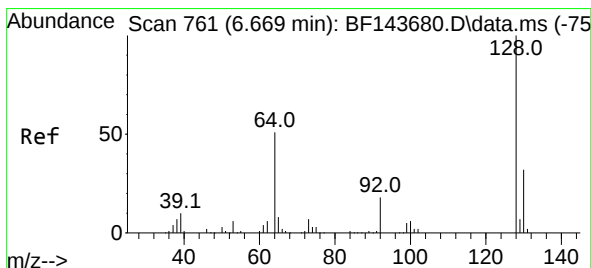
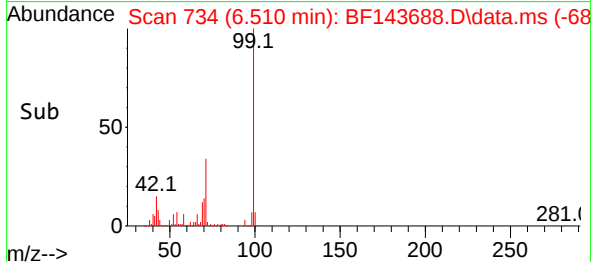
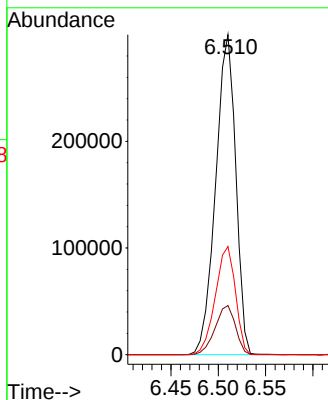
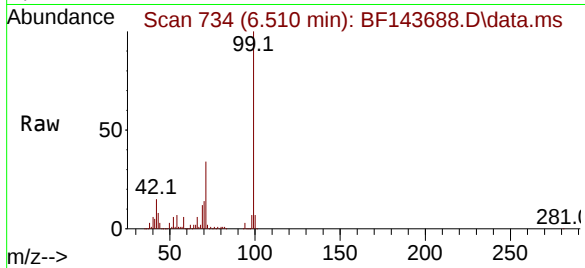
Tgt Ion: 99 Resp: 442433

Ion Ratio Lower Upper

99 100

42 15.4 13.0 19.4

71 33.8 27.4 41.2



#8

2-Chlorophenol

Concen: 8.335 ng

RT: 6.675 min Scan# 762

Delta R.T. 0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

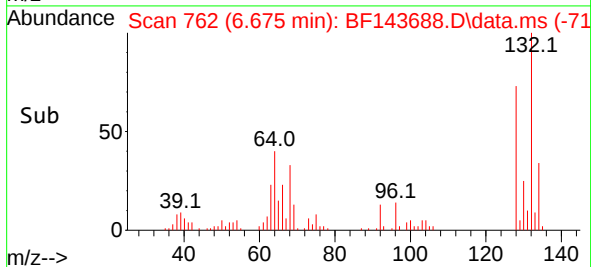
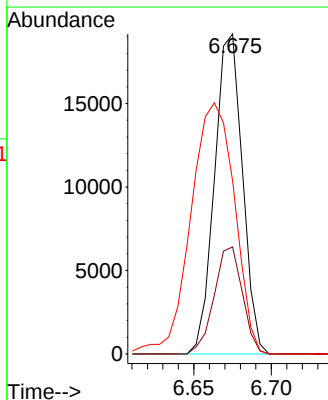
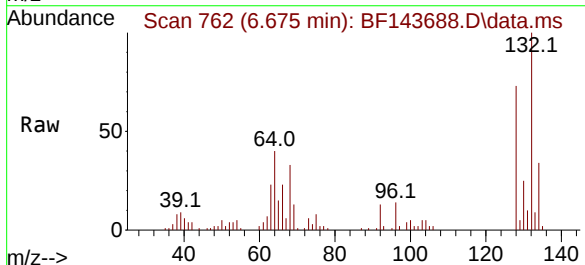
Tgt Ion:128 Resp: 24031

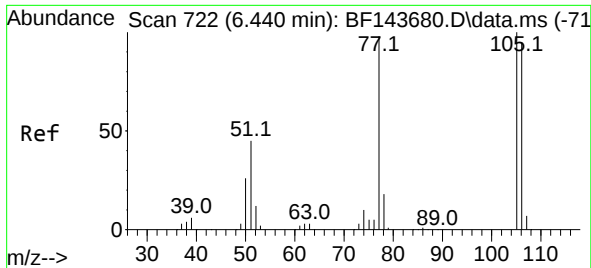
Ion Ratio Lower Upper

128 100

130 33.4 12.0 52.0

64 54.2 31.9 71.9





#9

Benzaldehyde

Concen: 7.154 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

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Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

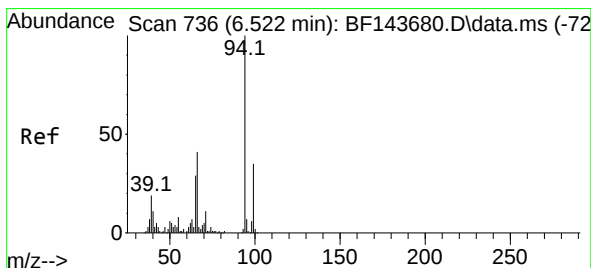
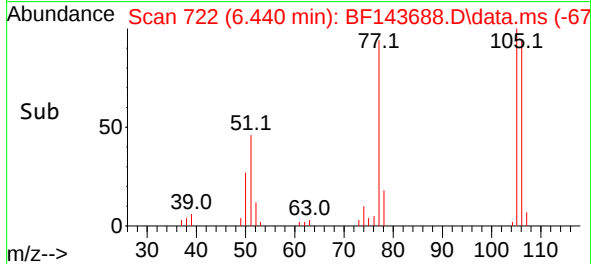
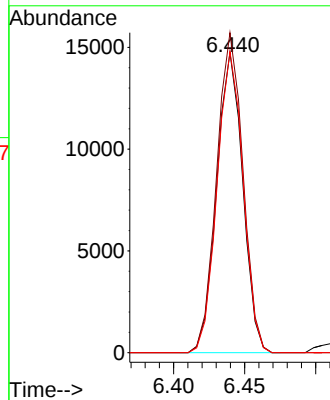
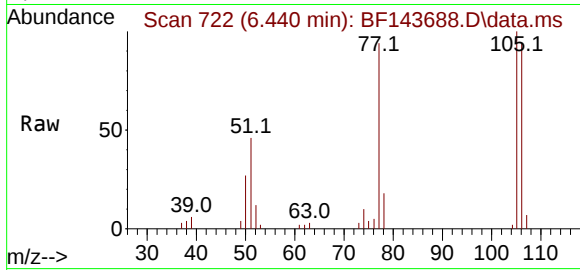
Tgt Ion: 77 Resp: 18761

Ion Ratio Lower Upper

77 100

105 106.6 81.7 121.7

106 100.4 76.9 116.9



#10

Phenol

Concen: 8.027 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

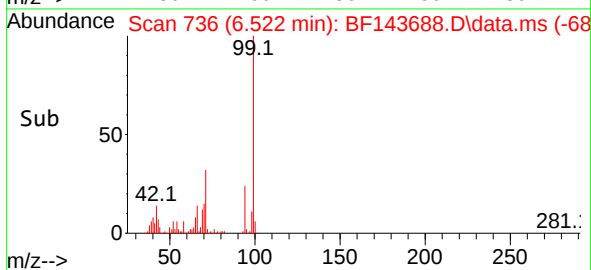
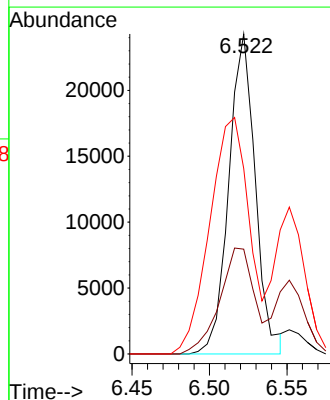
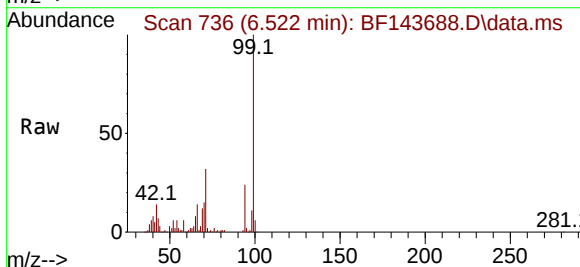
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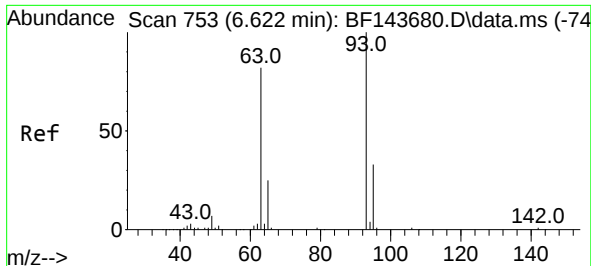
Ion Ratio Lower Upper

94 100

65 32.8 9.1 49.1

66 57.9 20.8 60.8

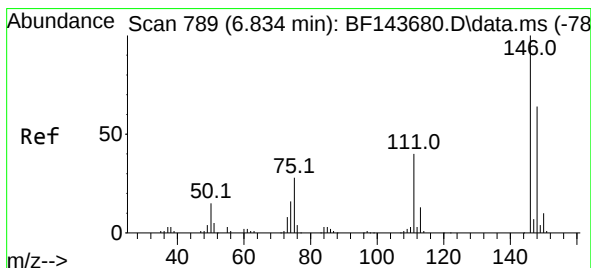
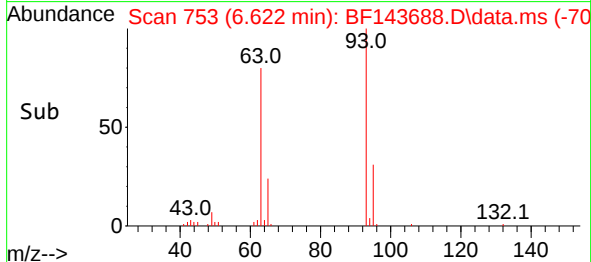
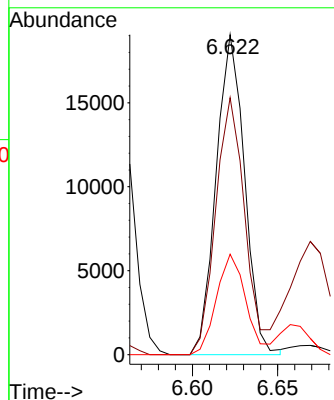
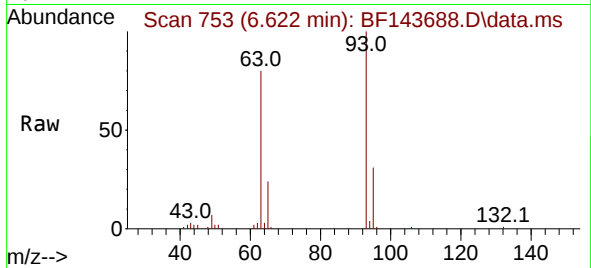




#11
 bis(2-Chloroethyl)ether
 Concen: 8.235 ng
 RT: 6.622 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

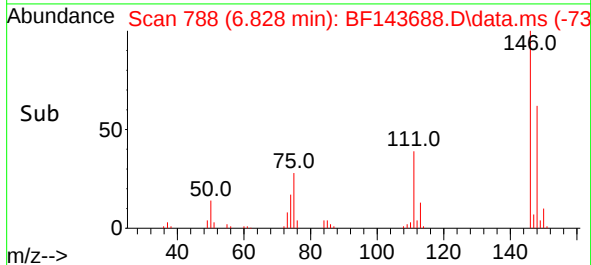
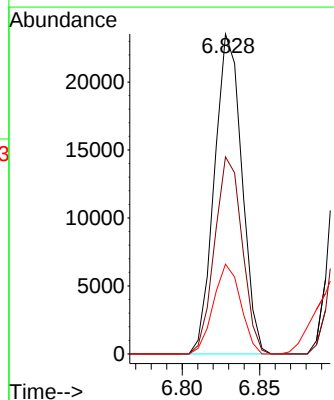
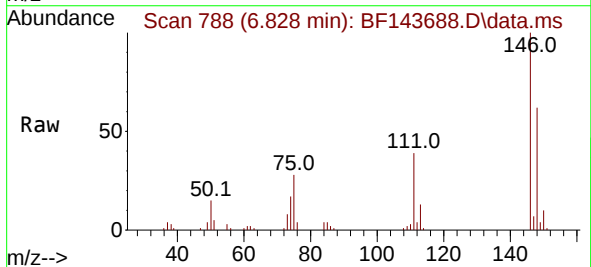
Instrument :
 BNA_F
 ClientSampleId :

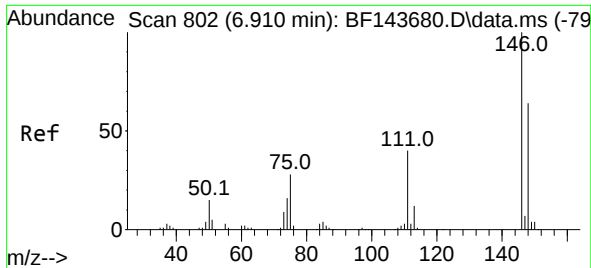
Tgt Ion: 93 Resp: 22096
 Ion Ratio Lower Upper
 93 100
 63 80.3 61.8 101.8
 95 31.4 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 8.785 ng
 RT: 6.828 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

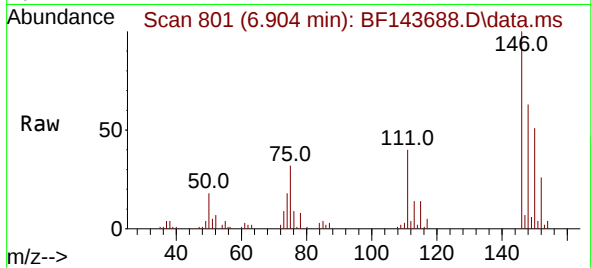
Tgt Ion:146 Resp: 28965
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.0 76.4
 75 28.1 22.0 33.0



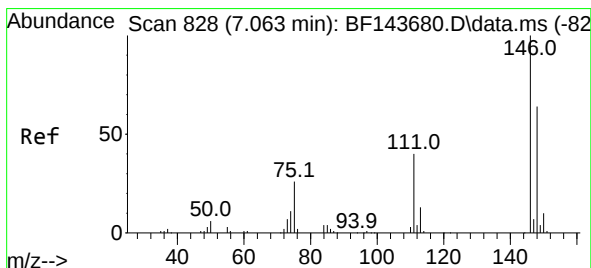
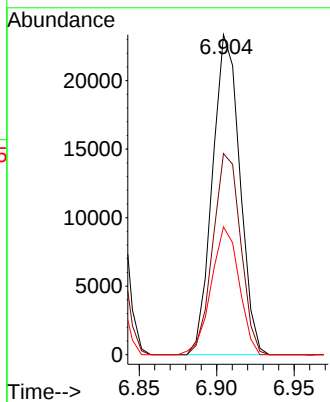
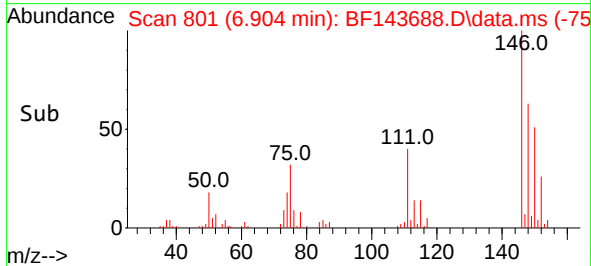


#13
1,4-Dichlorobenzene
Concen: 8.608 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

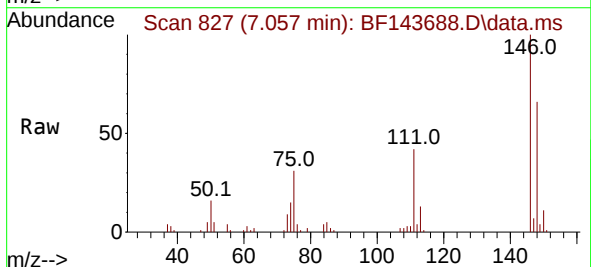
Instrument :
BNA_F
ClientSampleId :



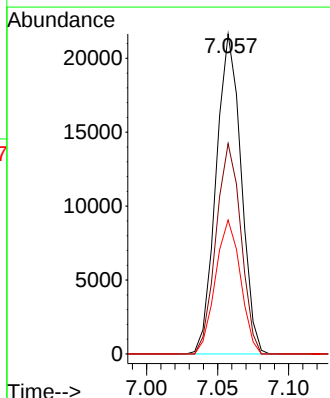
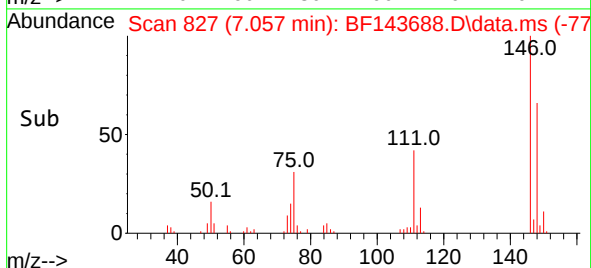
Tgt Ion:146 Resp: 28648
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
111 39.9 31.8 47.8

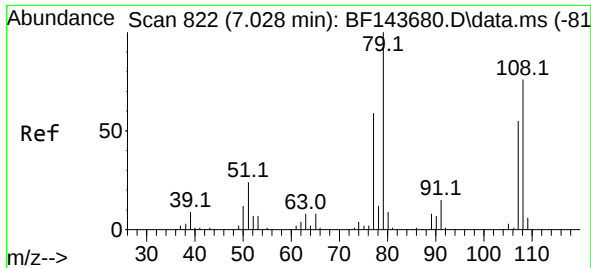


#14
1,2-Dichlorobenzene
Concen: 8.431 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59



Tgt Ion:146 Resp: 26496
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.4
111 41.8 32.3 48.5

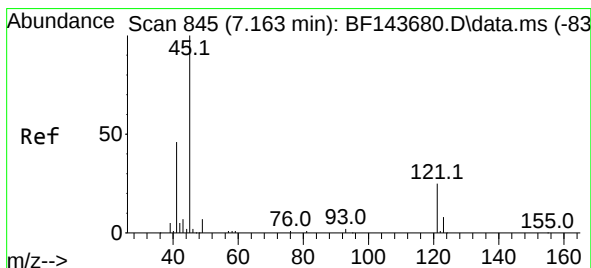
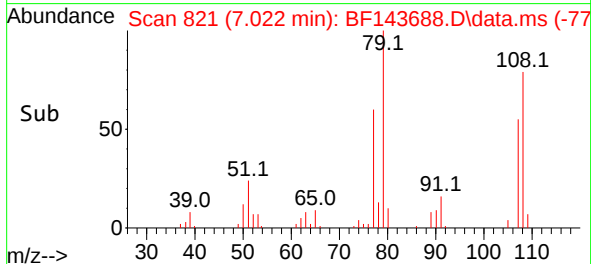
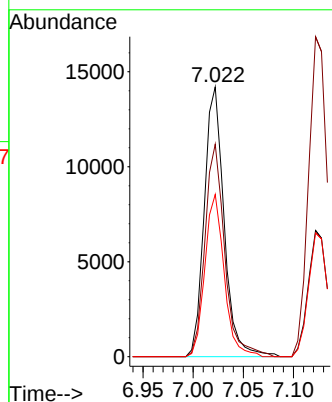
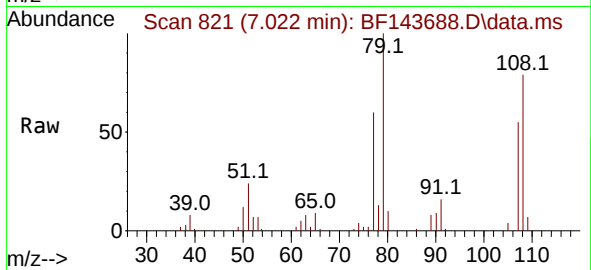




#15
Benzyl Alcohol
Concen: 8.295 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

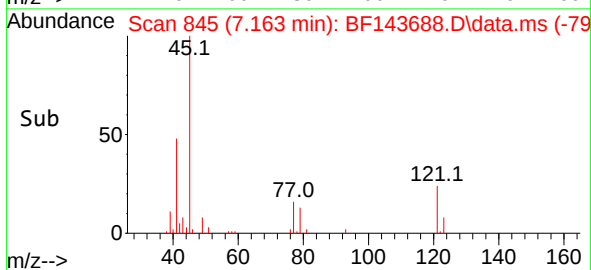
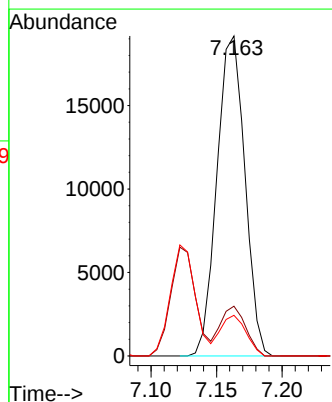
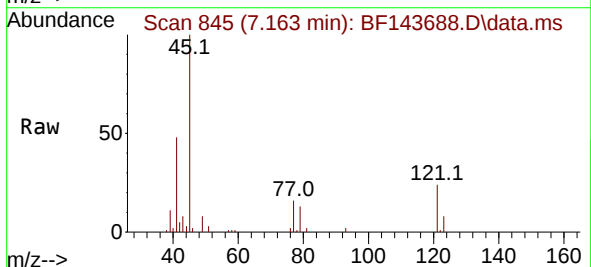
Instrument :
BNA_F
ClientSampleId :

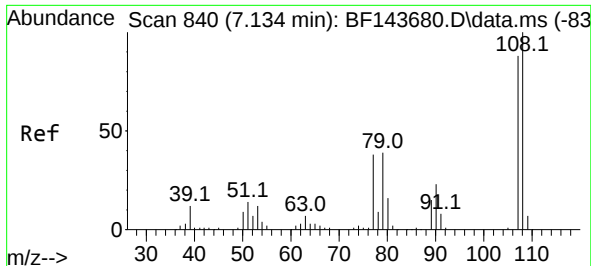
Tgt Ion:	79	Resp:	19612
Ion Ratio	Lower	Upper	
79	100		
108	78.8	60.9	91.3
77	60.1	47.4	71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.085 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

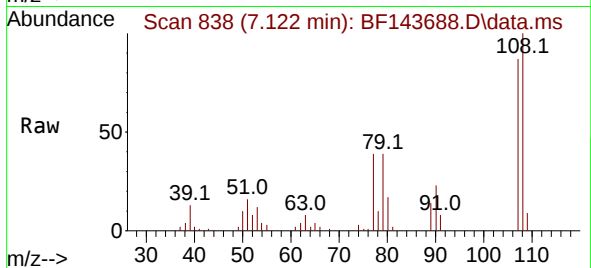
Tgt Ion:	45	Resp:	28383
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	34.6
79	12.7	0.0	31.3



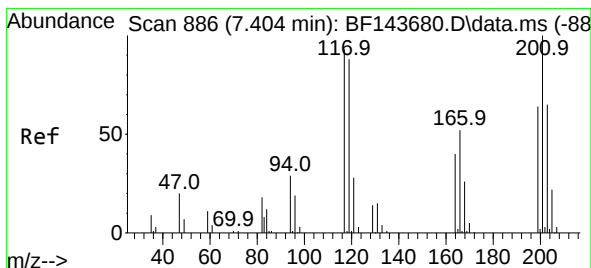
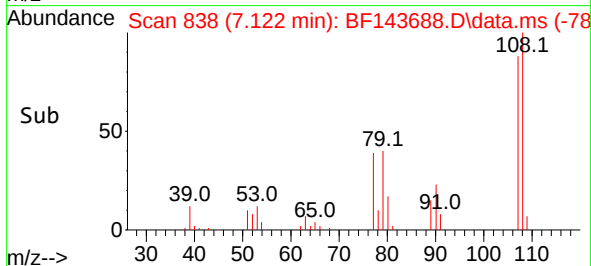
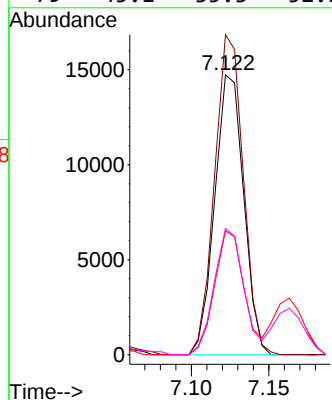


#17
2-Methylphenol
Concen: 8.256 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :

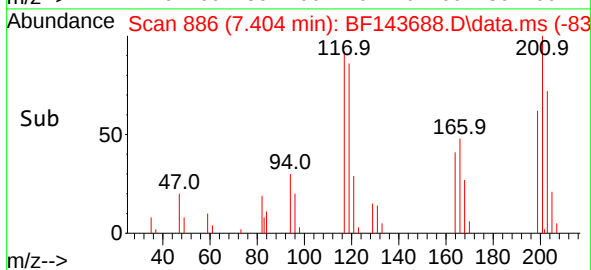
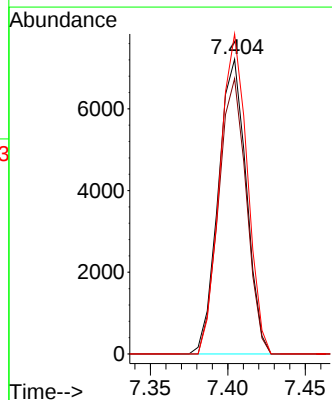
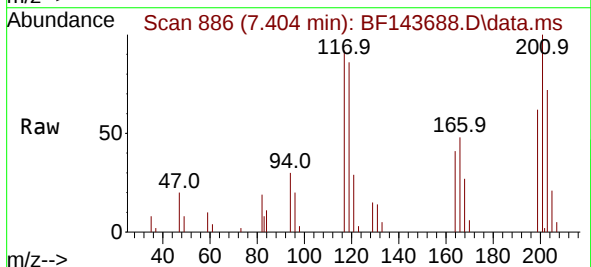


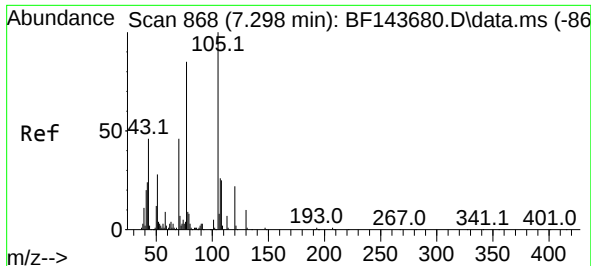
Tgt Ion:	107	Resp:	19146
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.9	136.3
77	44.3	34.4	51.6
79	45.1	35.3	52.9



#18
Hexachloroethane
Concen: 8.433 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:	117	Resp:	9066
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.2	114.2
201	108.6	86.4	129.6

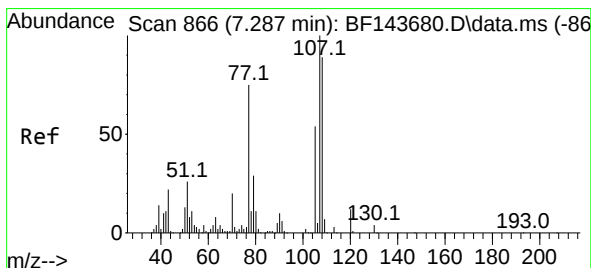
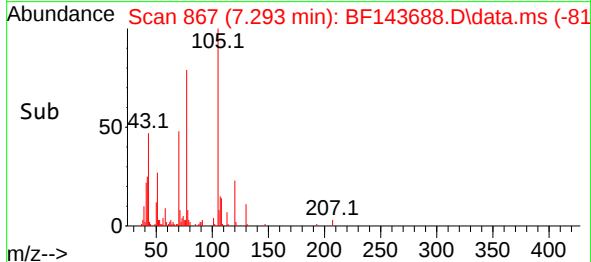
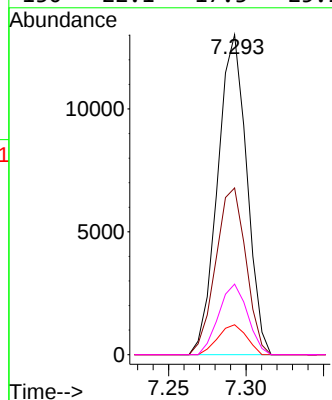
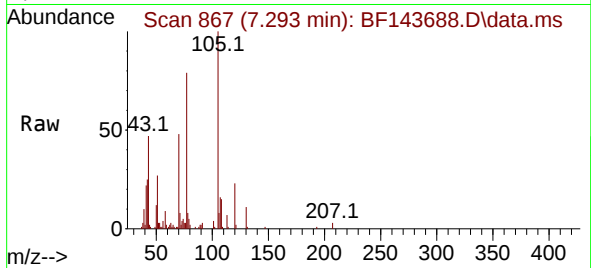




#19
n-Nitroso-di-n-propylamine
Concen: 8.514 ng
RT: 7.293 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

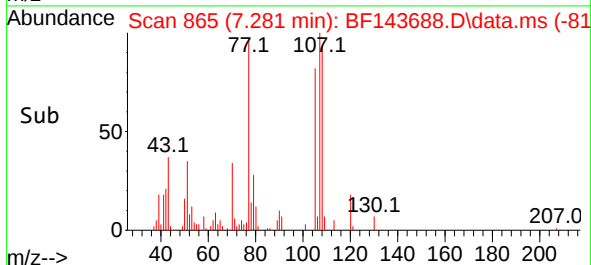
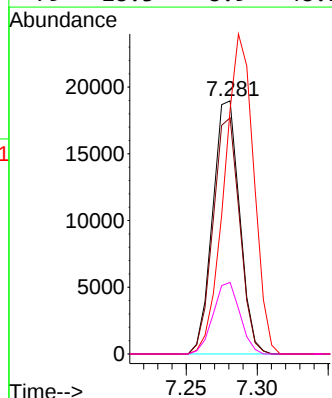
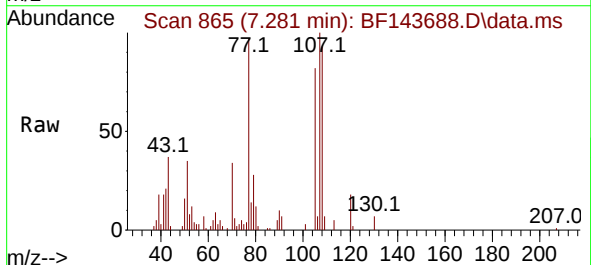
Instrument :
BNA_F
ClientSampleId :

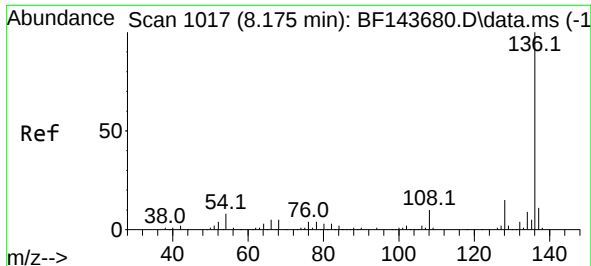
Tgt Ion:	70	Resp:	16995
Ion	Ratio	Lower	Upper
70	100		
42	52.1	41.4	62.2
101	9.3	8.1	12.1
130	22.1	17.3	25.9



#20
3+4-Methylphenols
Concen: 8.166 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

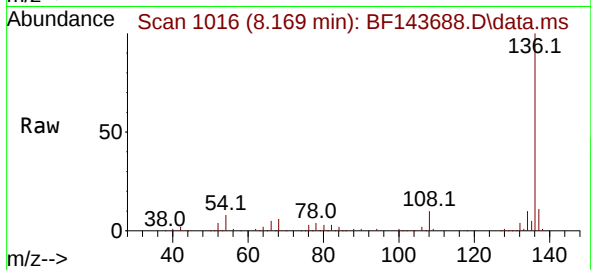
Tgt Ion:	107	Resp:	24939
Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.6	108.6
77	96.7	54.6	94.6#
79	28.3	8.9	48.9



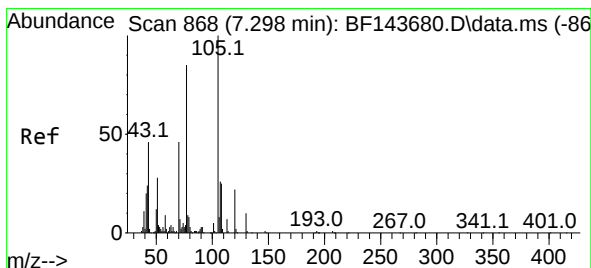
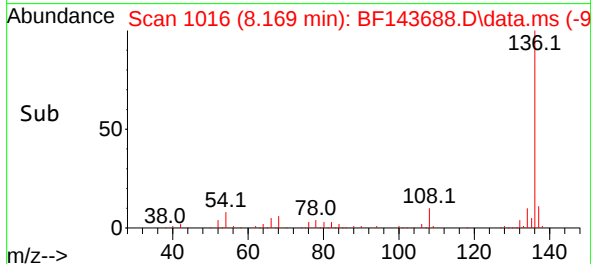
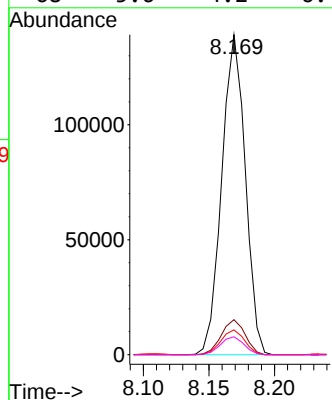


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :

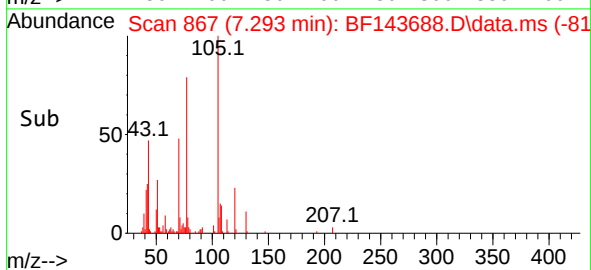
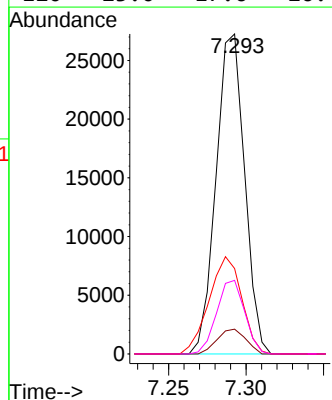
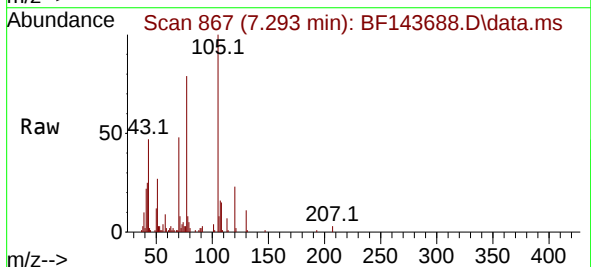


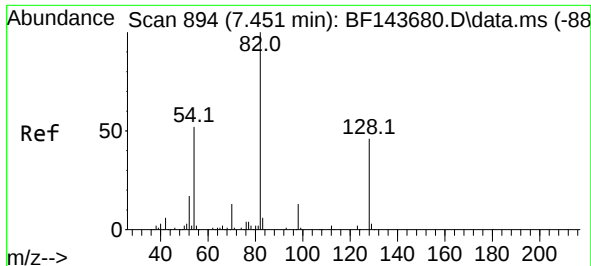
Tgt Ion:136 Resp: 173489
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.2 9.2
68 5.6 4.2 6.4



#22
Acetophenone
Concen: 8.911 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:105 Resp: 34917
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 26.7 22.4 33.6
120 23.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 99.608 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

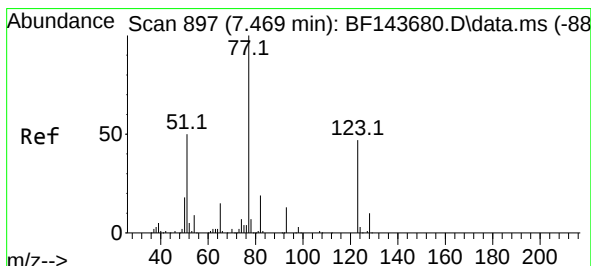
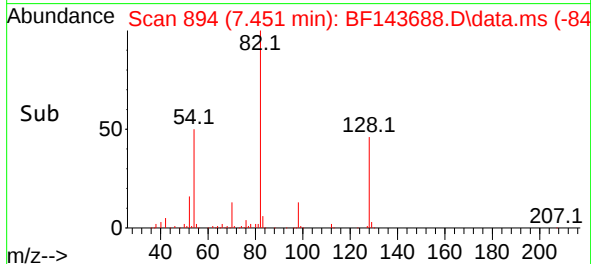
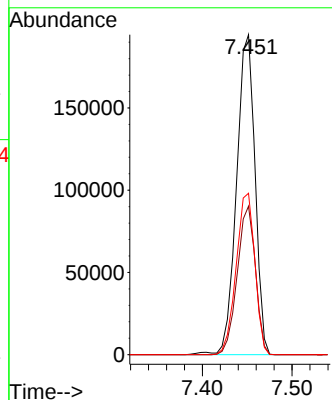
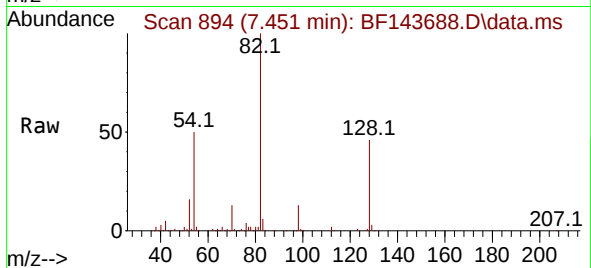
Tgt Ion: 82 Resp: 277825

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.4

54 50.4 41.8 62.8



#24

Nitrobenzene

Concen: 8.676 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

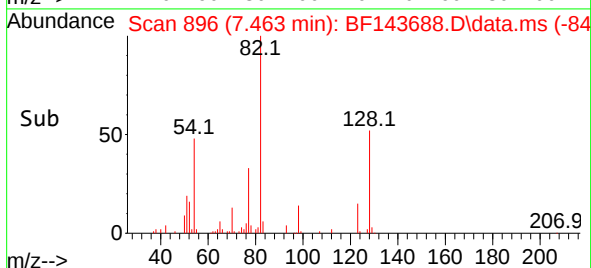
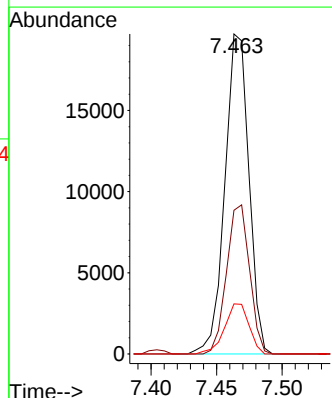
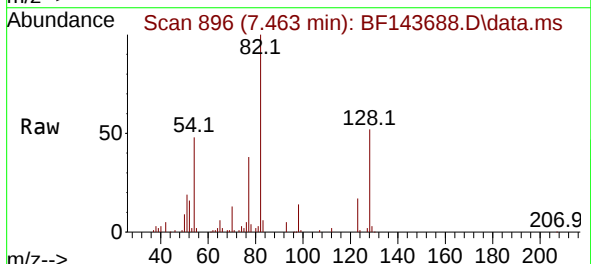
Tgt Ion: 77 Resp: 25091

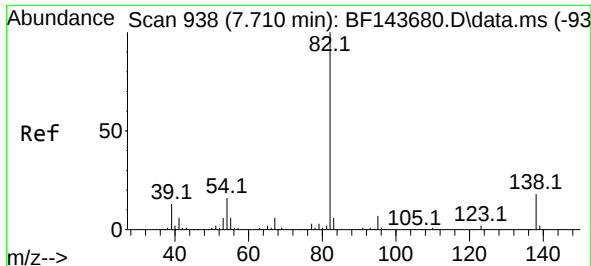
Ion Ratio Lower Upper

77 100

123 44.9 37.4 56.0

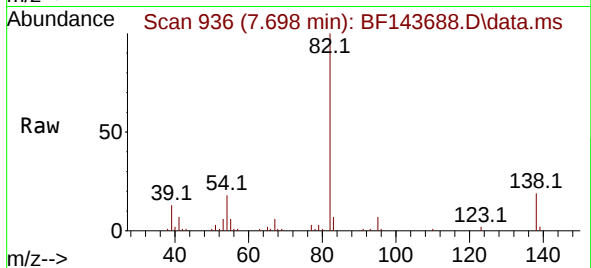
65 15.7 11.6 17.4



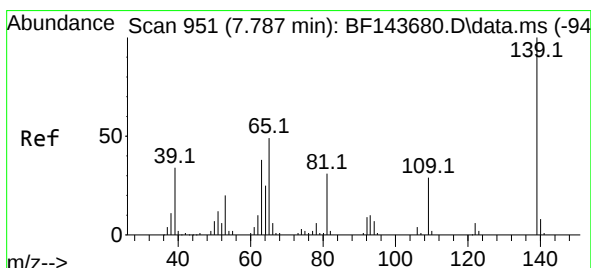
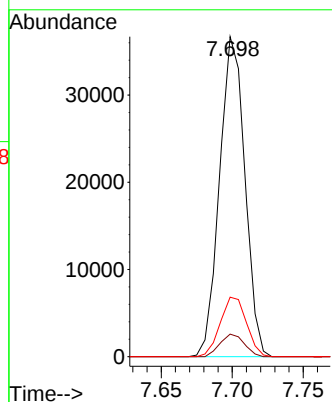
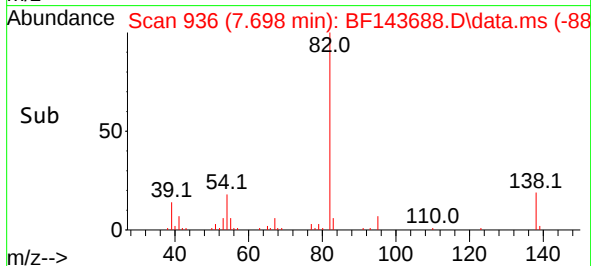


#25
Isophorone
Concen: 8.505 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

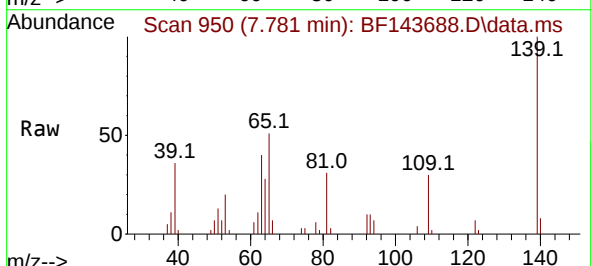
Instrument :
BNA_F
ClientSampleId :



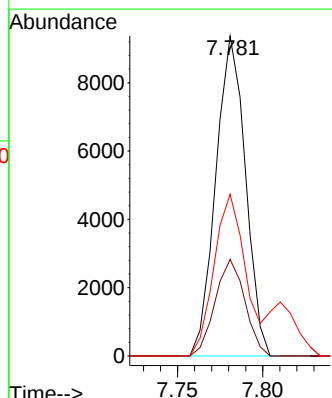
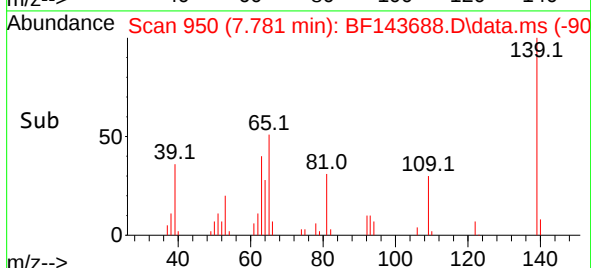
Tgt Ion: 82 Resp: 45488
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.6 14.8 22.2

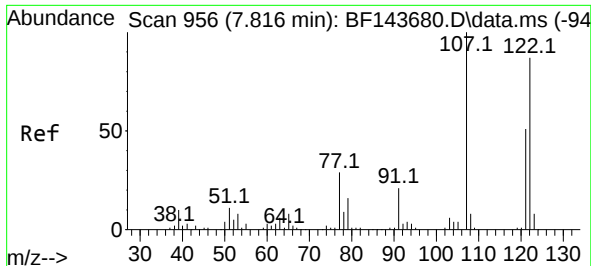


#26
2-Nitrophenol
Concen: 7.964 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59



Tgt Ion: 139 Resp: 11325
Ion Ratio Lower Upper
139 100
109 30.2 22.8 34.2
65 50.6 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 9.130 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

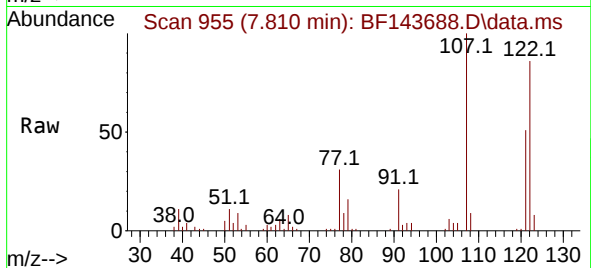
Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :



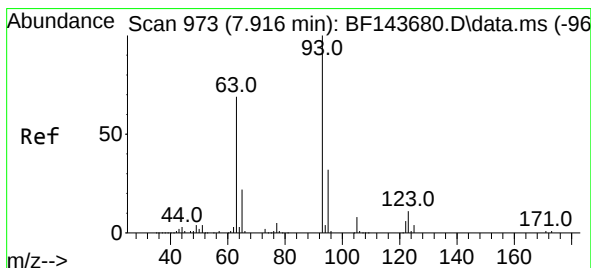
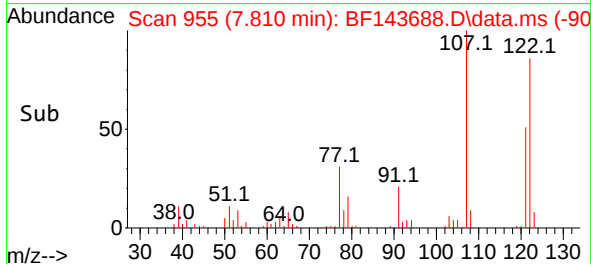
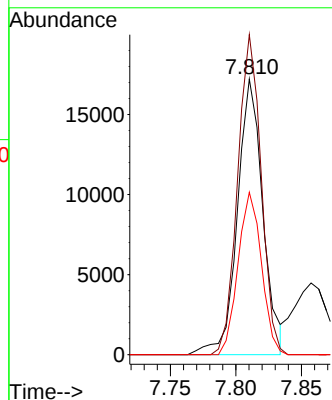
Tgt Ion:122 Resp: 23307

Ion Ratio Lower Upper

122 100

107 116.1 92.1 138.1

121 58.9 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 8.615 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

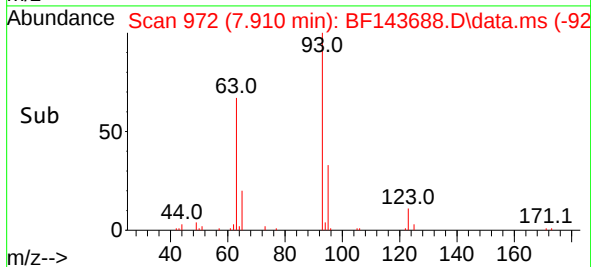
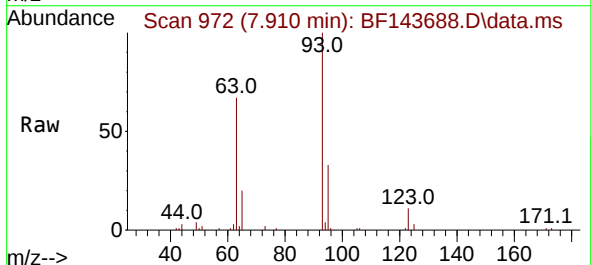
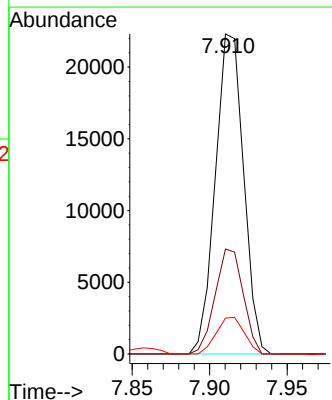
Tgt Ion: 93 Resp: 28316

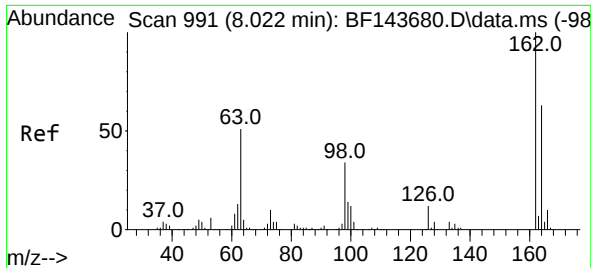
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 8.254 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

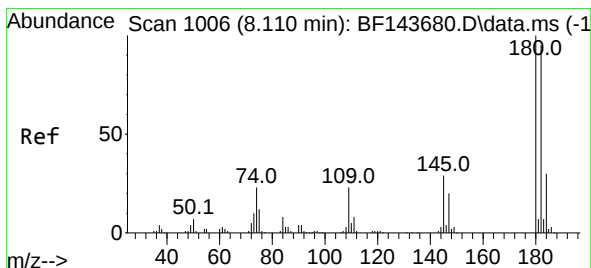
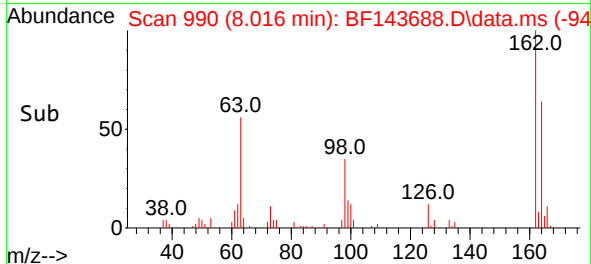
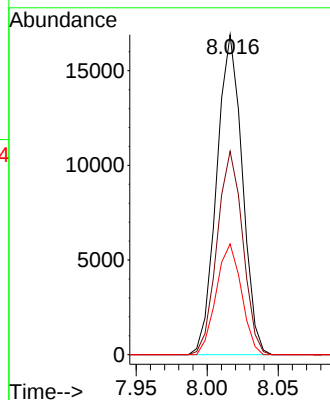
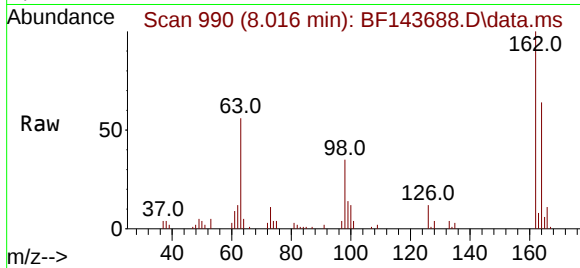
Tgt Ion:162 Resp: 21194

Ion Ratio Lower Upper

162 100

164 63.6 43.0 83.0

98 34.6 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 8.730 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

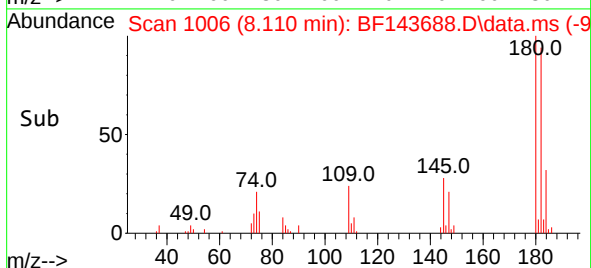
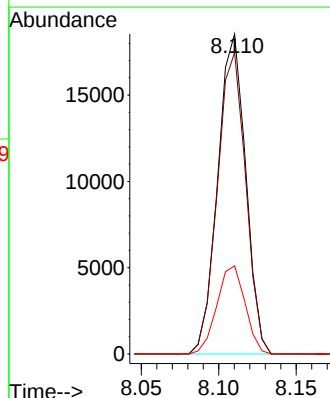
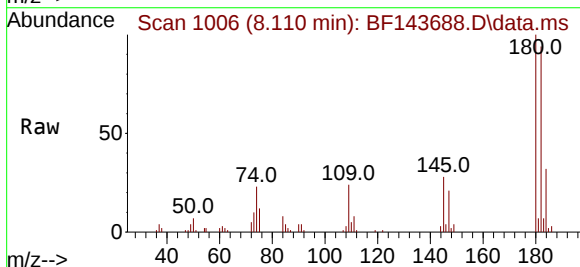
Tgt Ion:180 Resp: 23225

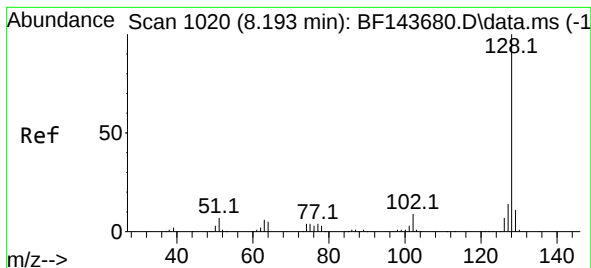
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

145 27.5 23.2 34.8





#31

Naphthalene

Concen: 8.410 ng

RT: 8.193 min Scan# 10

Delta R.T. 0.000 min

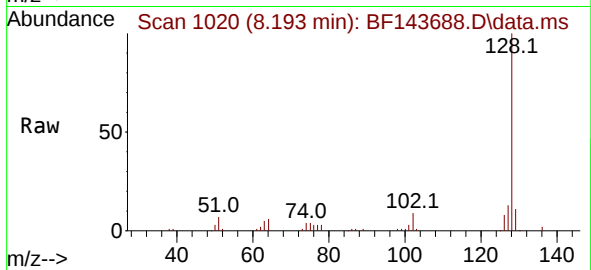
Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :



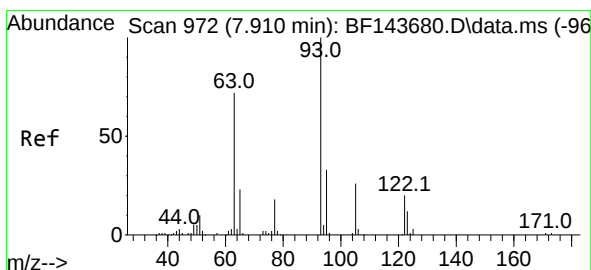
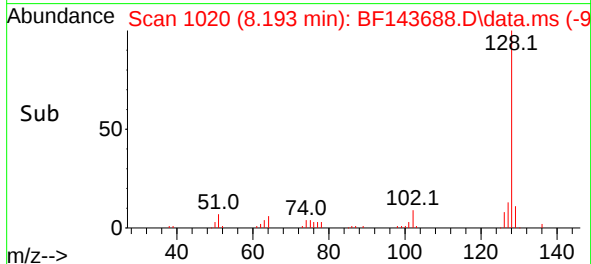
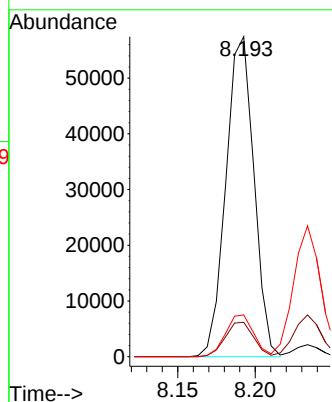
Tgt Ion:128 Resp: 72225

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.0 10.9 16.3



#32

Benzoic acid

Concen: 5.582 ng

RT: 7.857 min Scan# 963

Delta R.T. -0.053 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

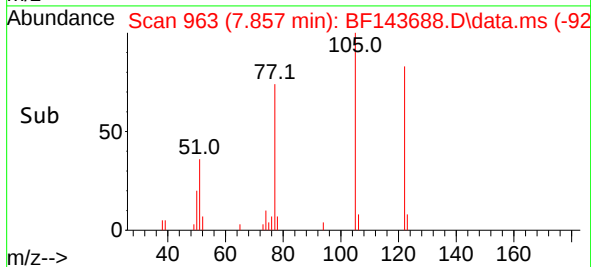
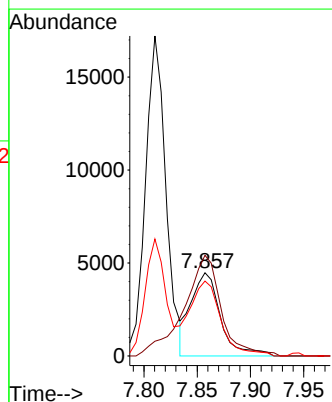
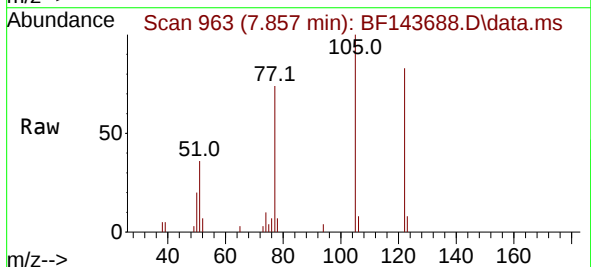
Tgt Ion:122 Resp: 8694

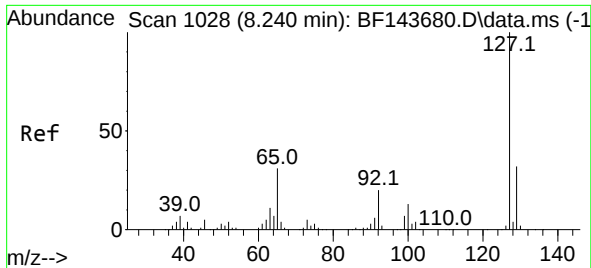
Ion Ratio Lower Upper

122 100

105 121.0 105.2 145.2

77 90.1 72.0 112.0

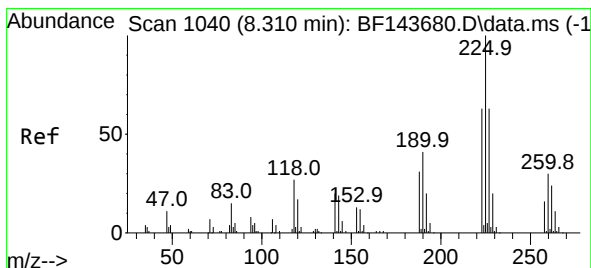
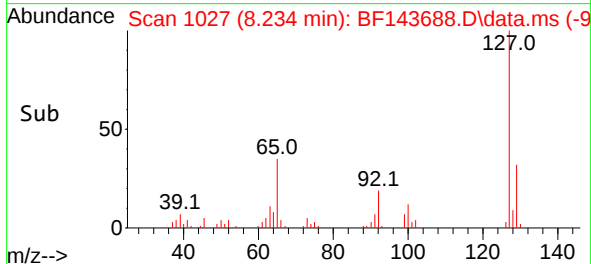
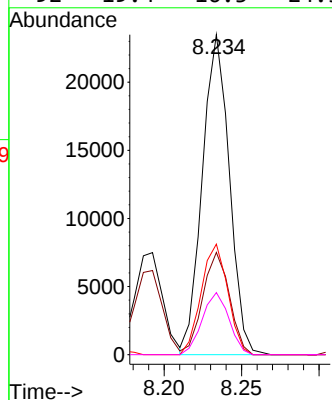
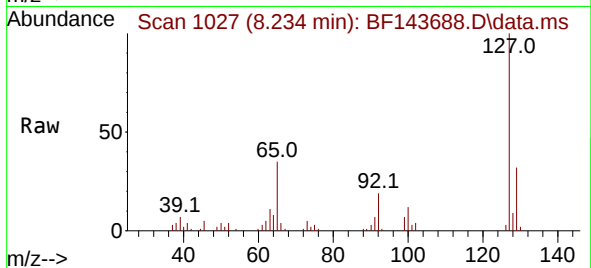




#33
4-Chloroaniline
Concen: 9.526 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

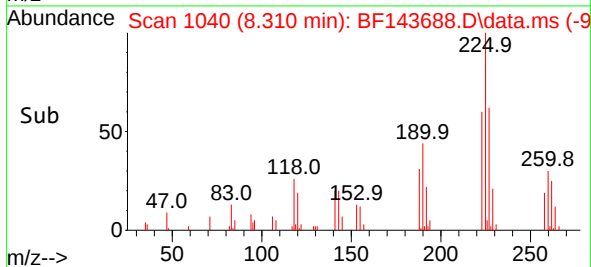
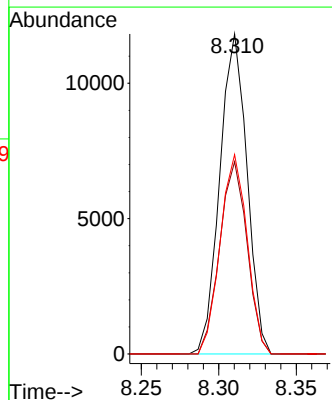
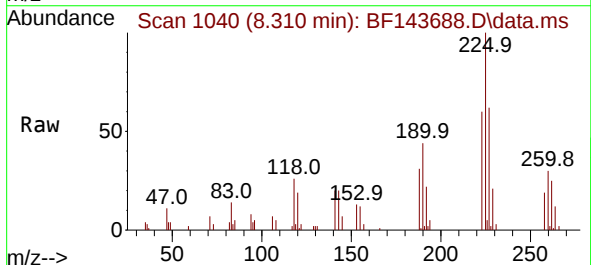
Instrument :
BNA_F
ClientSampleId :

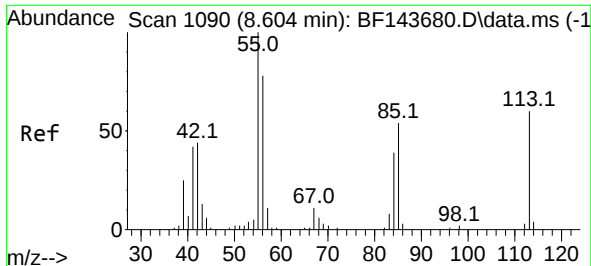
Tgt Ion:127	Resp:	28482
Ion	Ratio	Lower Upper
127	100	
129	31.9	26.0 39.0
65	34.5	24.6 36.8
92	19.4	16.3 24.5



#34
Hexachlorobutadiene
Concen: 8.321 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:225	Resp:	14438
Ion	Ratio	Lower Upper
225	100	
223	60.1	50.6 76.0
227	62.3	50.8 76.2

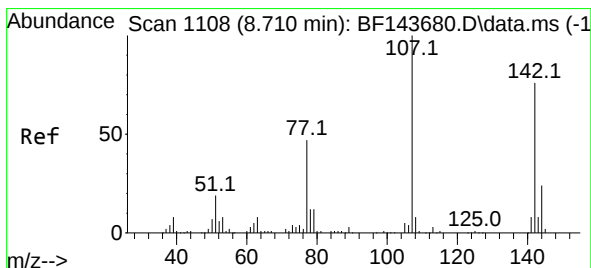
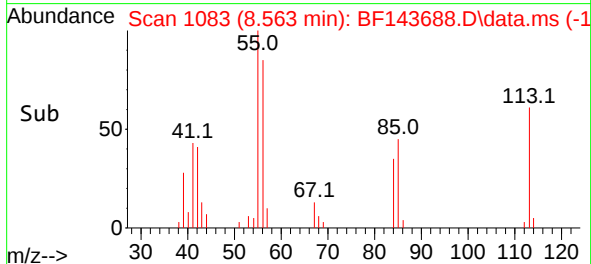
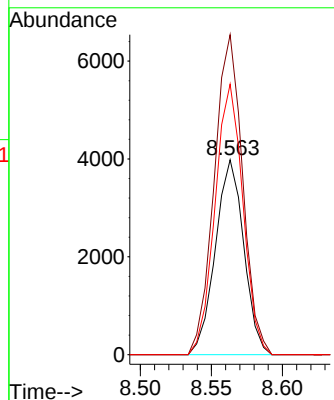
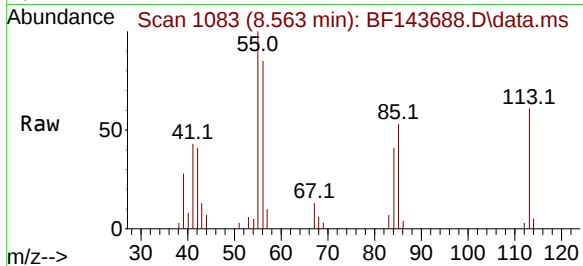




#35
 Caprolactam
 Concen: 8.099 ng
 RT: 8.563 min Scan# 1106
 Delta R.T. -0.041 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

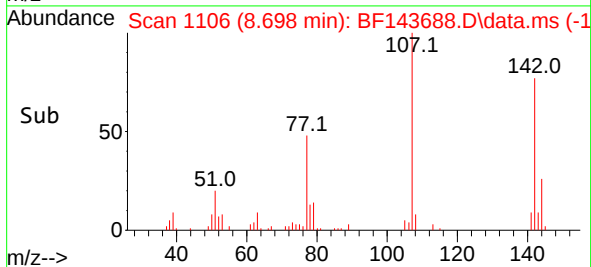
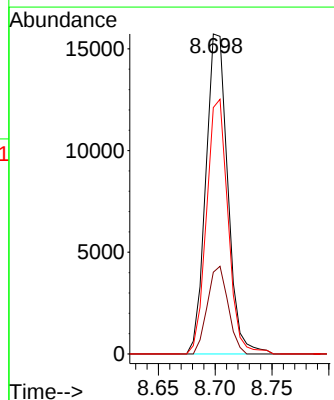
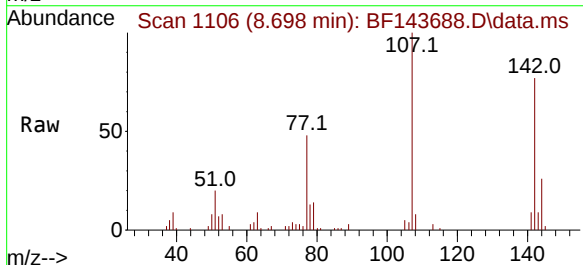
Instrument :
 BNA_F
 ClientSampleId :

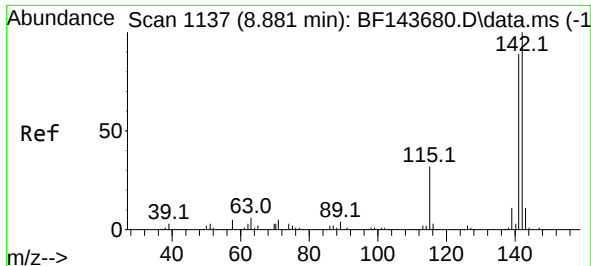
Tgt Ion:113 Resp: 5535
 Ion Ratio Lower Upper
 113 100
 55 164.2 148.9 188.9
 56 138.8 112.8 152.8



#36
 4-Chloro-3-methylphenol
 Concen: 8.355 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. -0.012 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

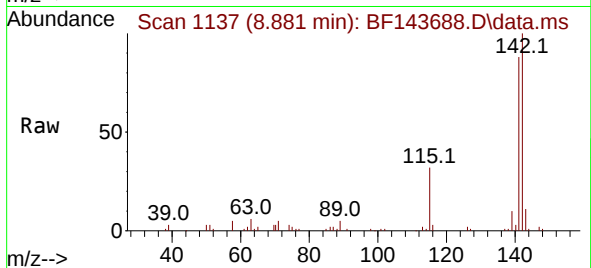
Tgt Ion:107 Resp: 21154
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.4 29.2
 142 77.0 60.6 91.0



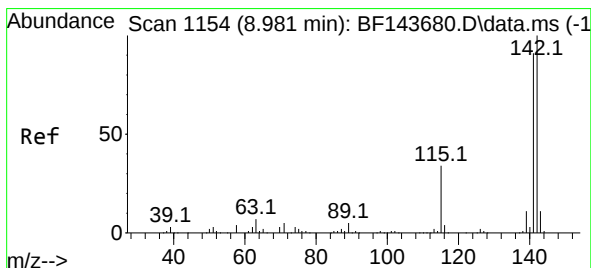
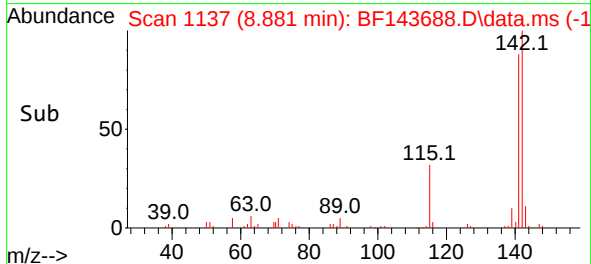
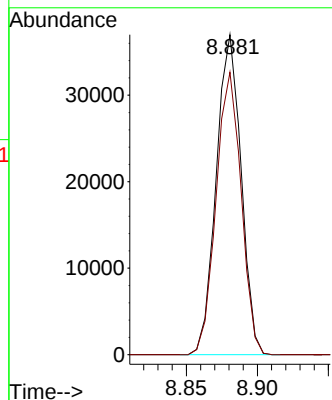


#37
2-Methylnaphthalene
Concen: 7.660 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :

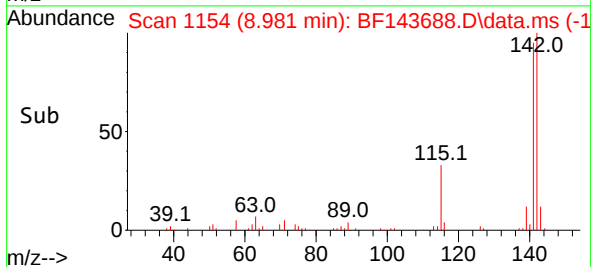
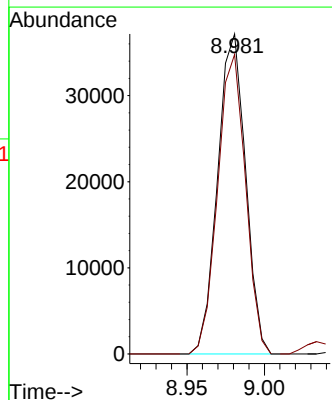
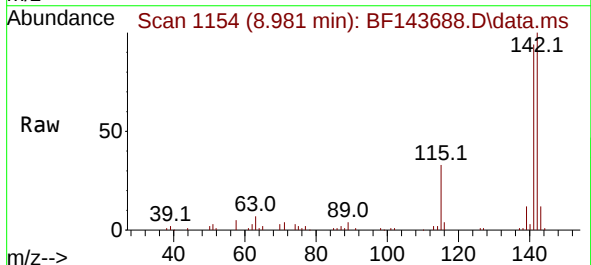


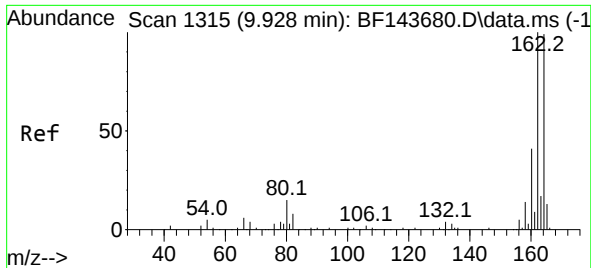
Tgt Ion:142 Resp: 45032
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 8.262 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:142 Resp: 46613
Ion Ratio Lower Upper
142 100
141 93.6 72.9 109.3

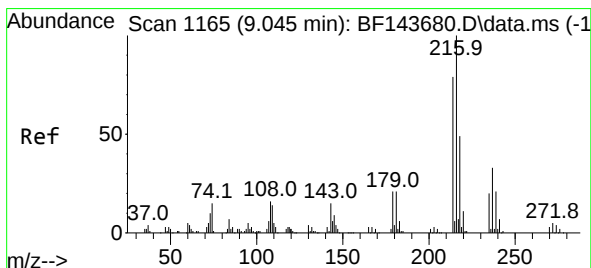
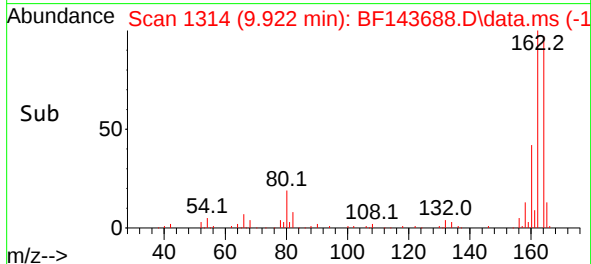
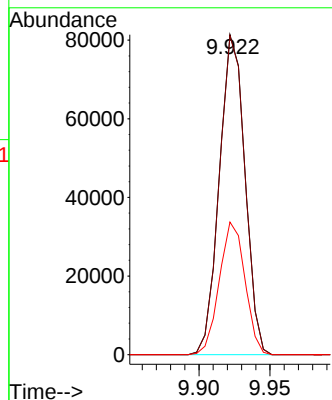
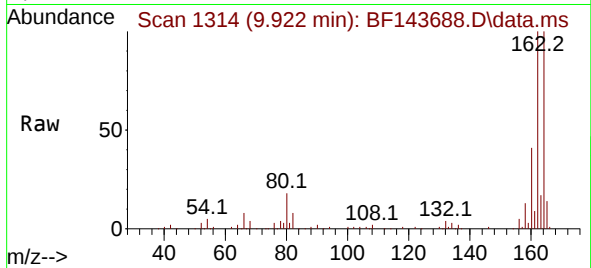




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

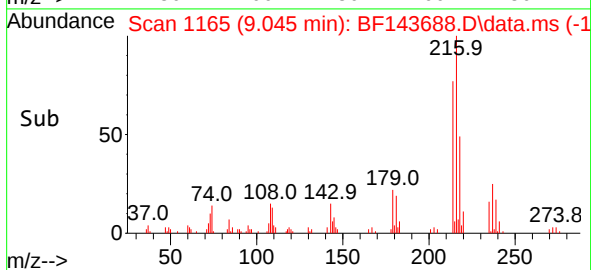
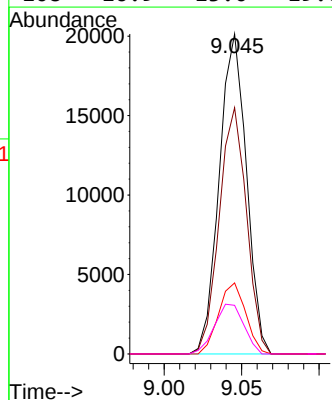
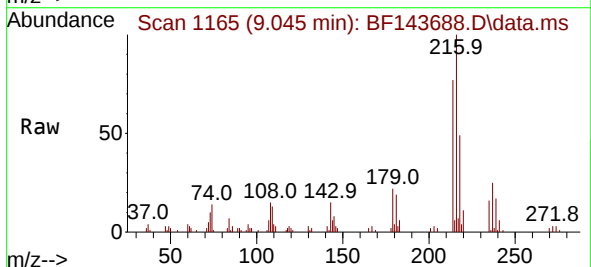
Instrument :
BNA_F
ClientSampleId :

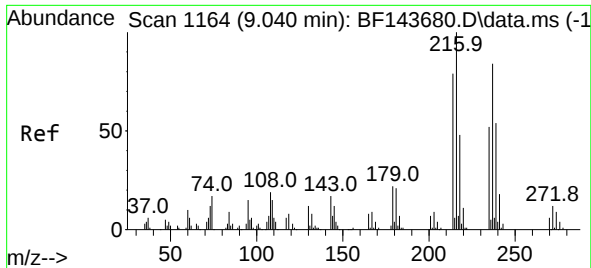
Tgt Ion:164 Resp: 102171
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 41.4 33.0 49.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.389 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:216 Resp: 24539
Ion Ratio Lower Upper
216 100
214 77.1 63.2 94.8
179 22.1 16.8 25.2
108 16.9 13.0 19.6

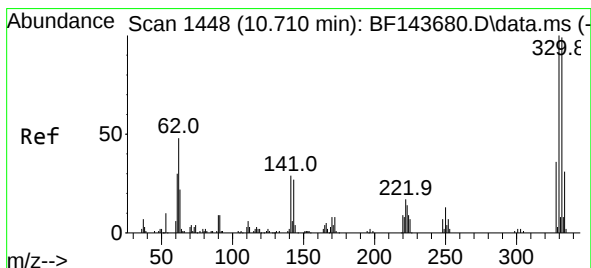
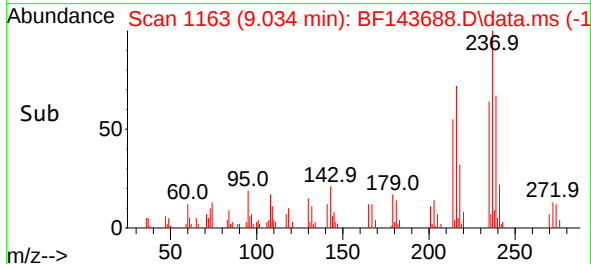
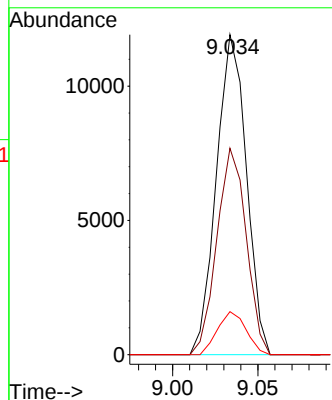
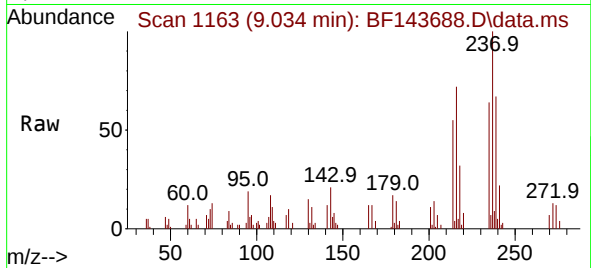




#41
Hexachlorocyclopentadiene
Concen: 9.716 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

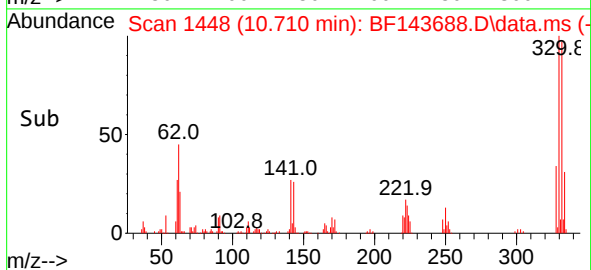
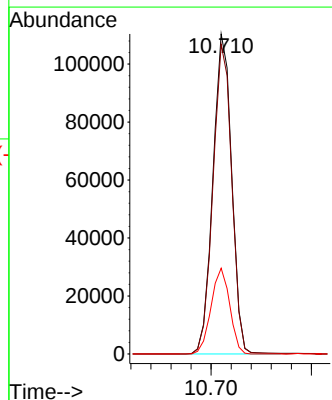
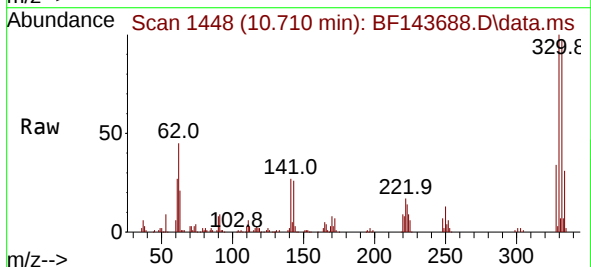
Instrument :
BNA_F
ClientSampleId :

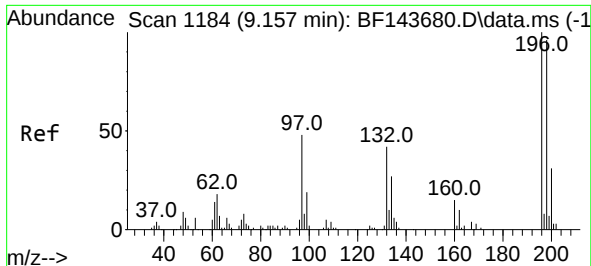
Tgt Ion:237	Resp:	14591
Ion Ratio	Lower	Upper
237	100	
235	64.5	41.6 81.6
272	13.4	0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 139.052 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:330	Resp:	143175
Ion Ratio	Lower	Upper
330	100	
332	96.8	79.2 118.8
141	26.6	22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 7.955 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

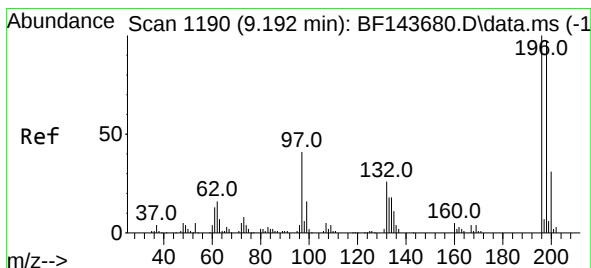
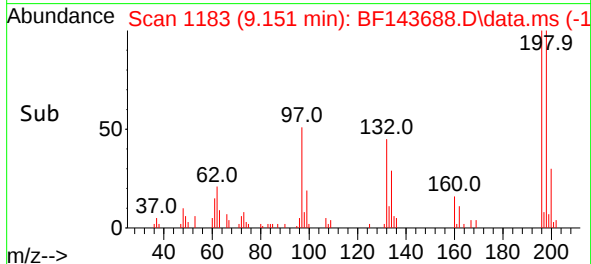
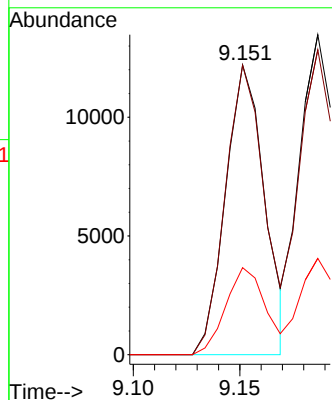
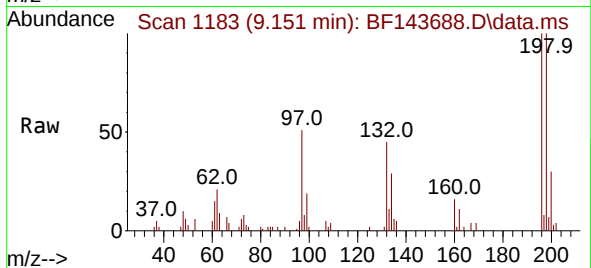
Tgt Ion:196 Resp: 15537

Ion Ratio Lower Upper

196 100

198 99.9 76.5 114.7

200 30.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 8.281 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Tgt Ion:196 Resp: 16443

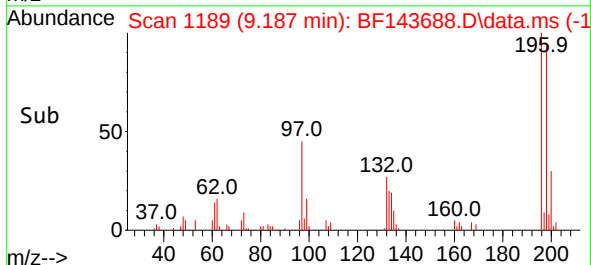
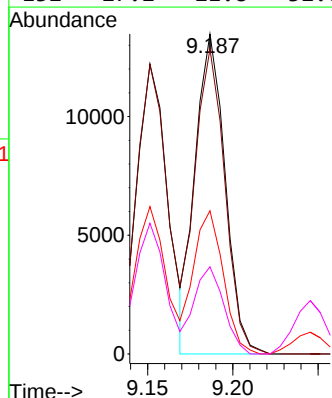
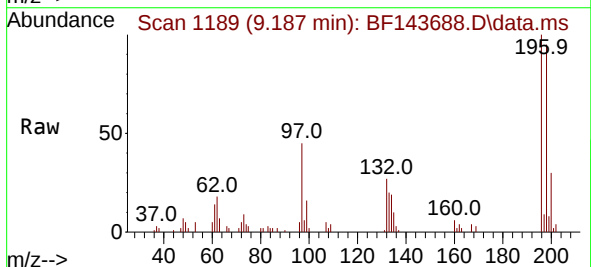
Ion Ratio Lower Upper

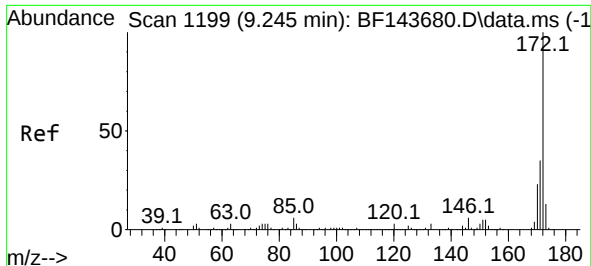
196 100

198 95.3 77.0 115.6

97 44.8 34.2 51.4

132 27.2 21.8 32.6

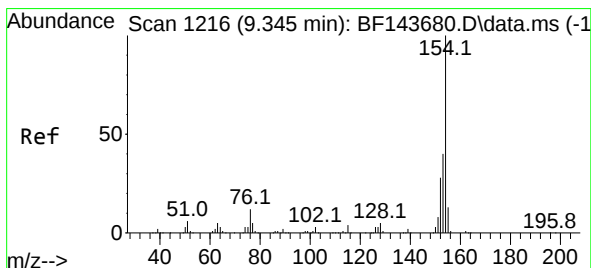
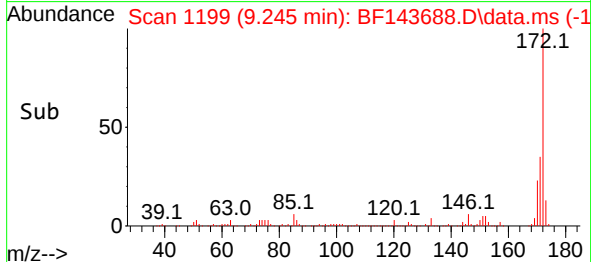
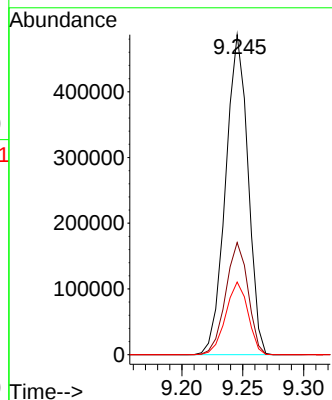
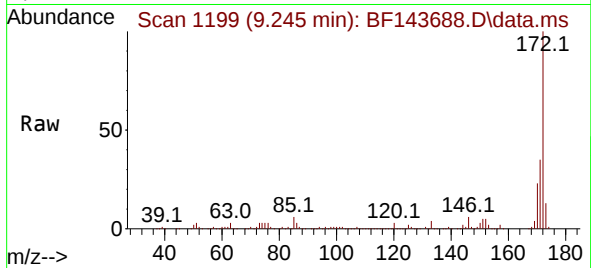




#45
2-Fluorobiphenyl
Concen: 92.148 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

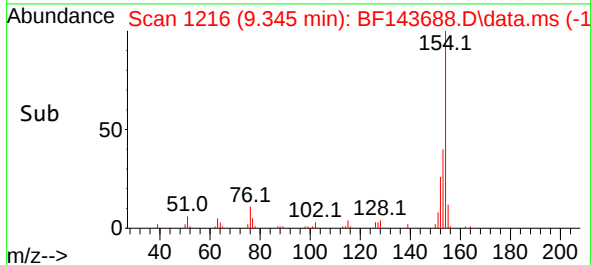
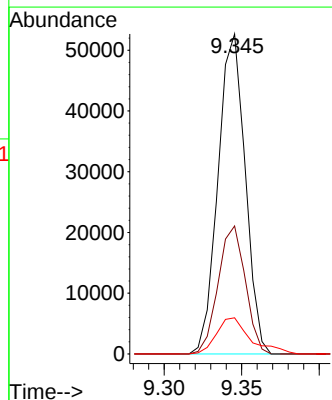
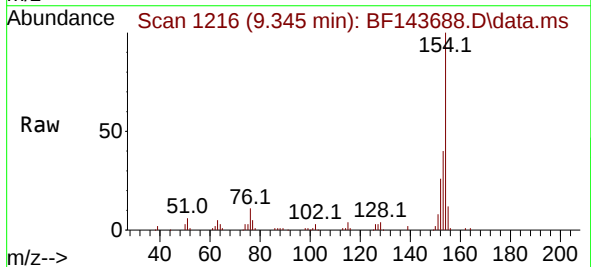
Instrument :
BNA_F
ClientSampleId :

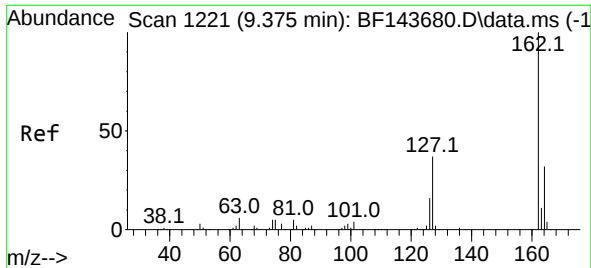
Tgt Ion:172 Resp: 623246
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 8.735 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

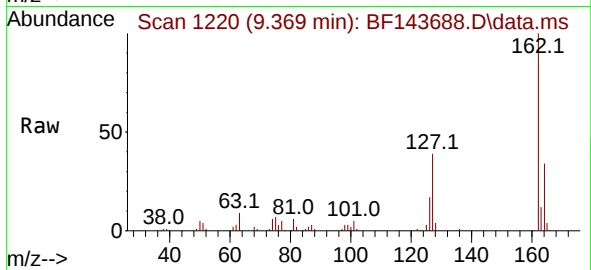
Tgt Ion:154 Resp: 64249
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 11.3 0.0 31.6



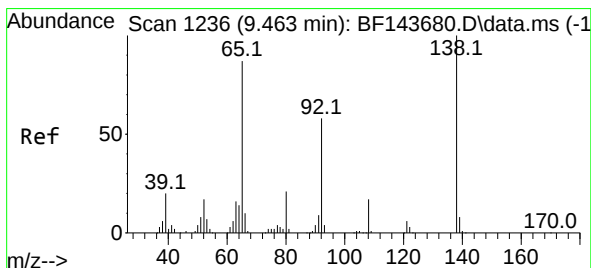
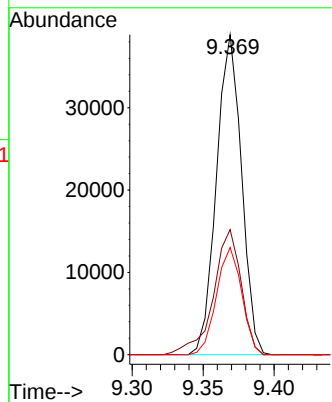
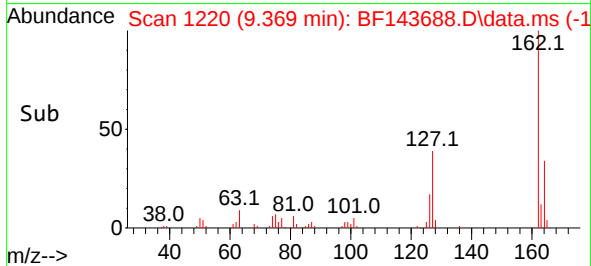


#47
2-Chloronaphthalene
Concen: 8.260 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

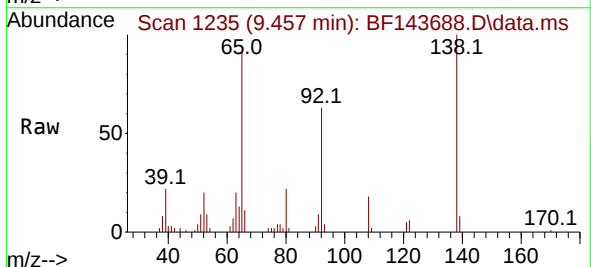
Instrument :
BNA_F
ClientSampleId :



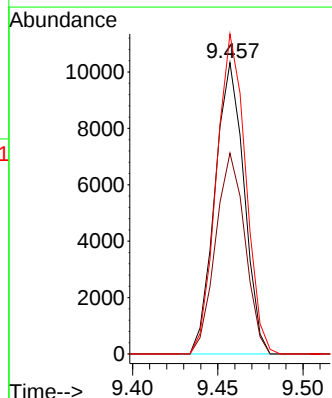
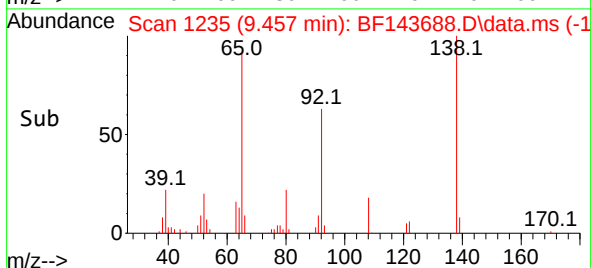
Tgt Ion:162 Resp: 47633
Ion Ratio Lower Upper
162 100
127 39.1 30.6 45.8
164 33.5 25.8 38.8

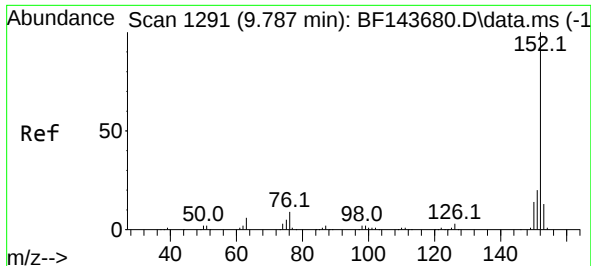


#48
2-Nitroaniline
Concen: 8.048 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59



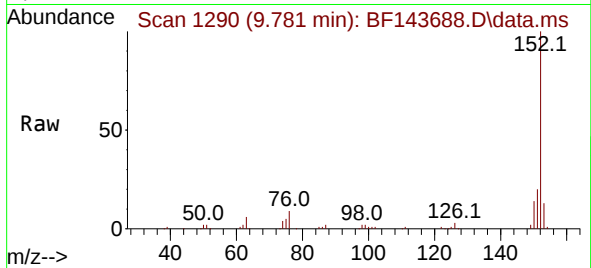
Tgt Ion: 65 Resp: 12281
Ion Ratio Lower Upper
65 100
92 68.9 53.3 79.9
138 109.8 92.1 138.1



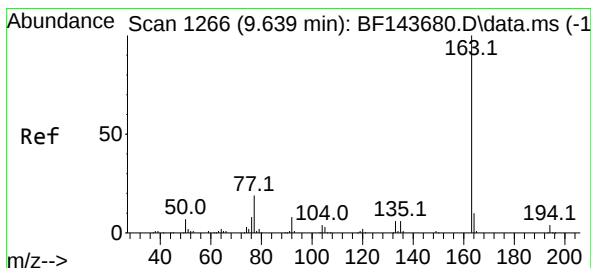
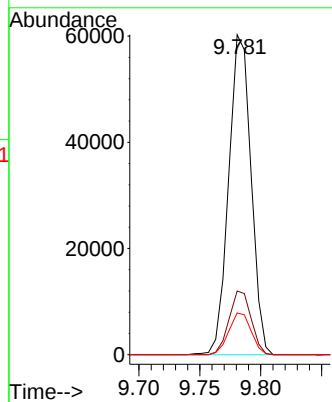
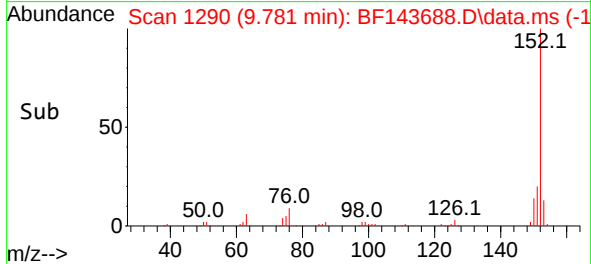


#49
Acenaphthylene
Concen: 9.316 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

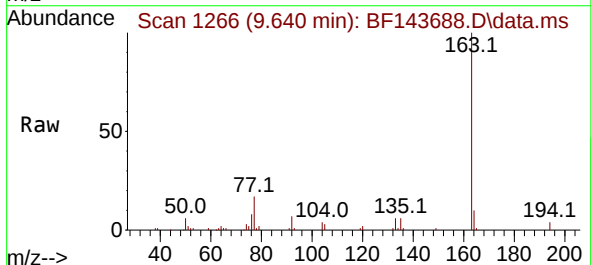
Instrument :
BNA_F
ClientSampleId :



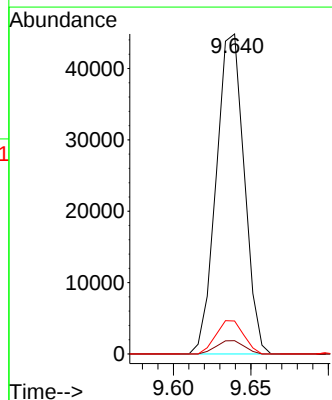
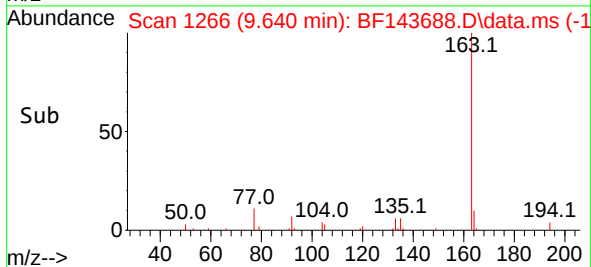
Tgt Ion:152 Resp: 76954
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.4 15.6

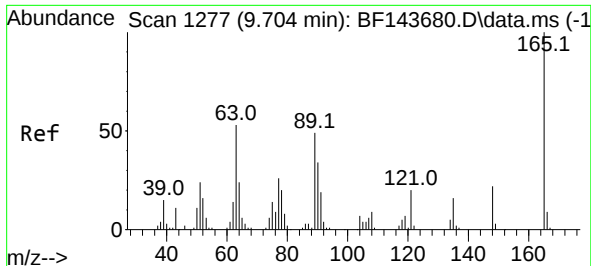


#50
Dimethylphthalate
Concen: 8.477 ng
RT: 9.640 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59



Tgt Ion:163 Resp: 56349
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 8.654 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF143688.D

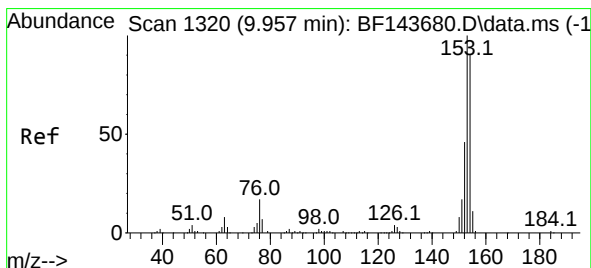
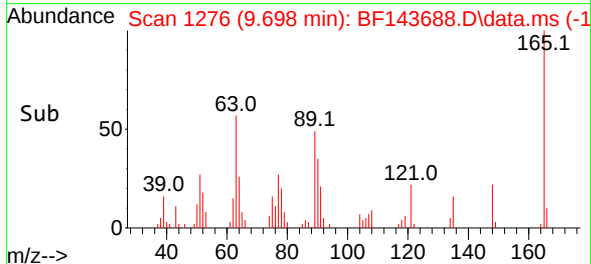
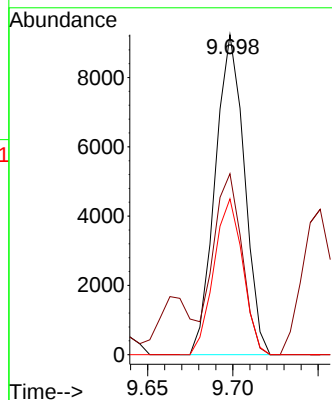
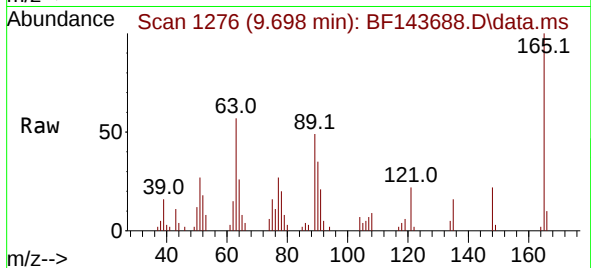
Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	10999
Ion Ratio	Lower	Upper
165	100	
63	56.6	42.2 63.4
89	48.7	39.3 58.9



#52

Acenaphthene

Concen: 8.163 ng

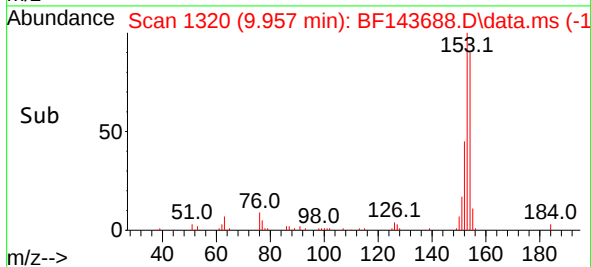
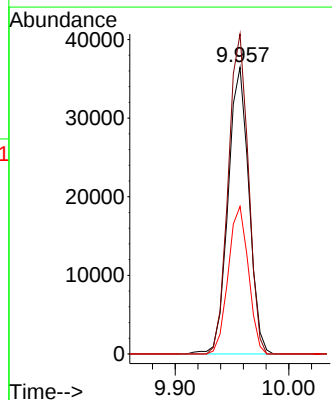
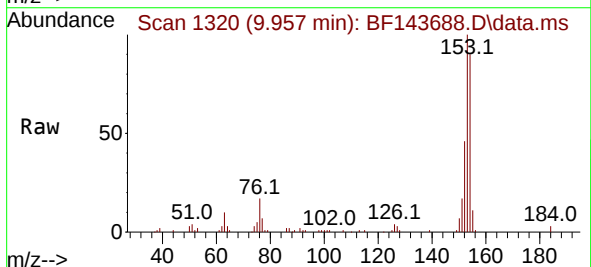
RT: 9.957 min Scan# 1320

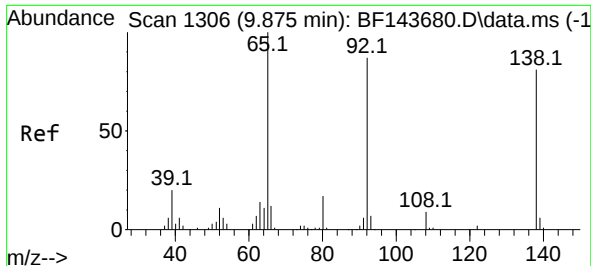
Delta R.T. 0.000 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

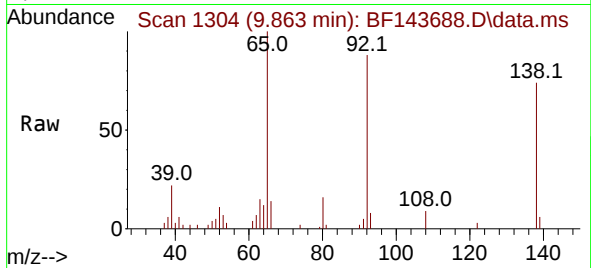
Tgt Ion:154	Resp:	46463
Ion Ratio	Lower	Upper
154	100	
153	111.7	89.4 134.0
152	51.5	41.2 61.8



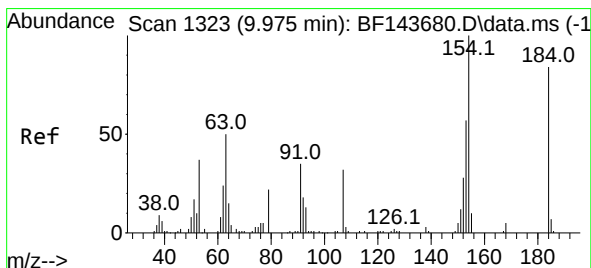
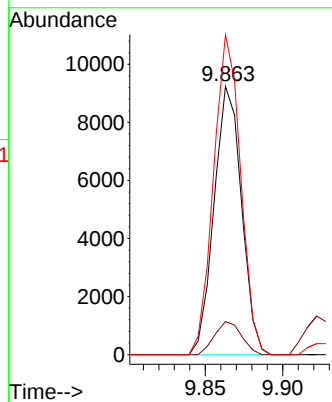
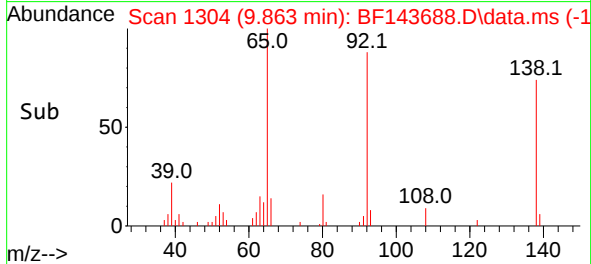


#53
3-Nitroaniline
Concen: 8.313 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :

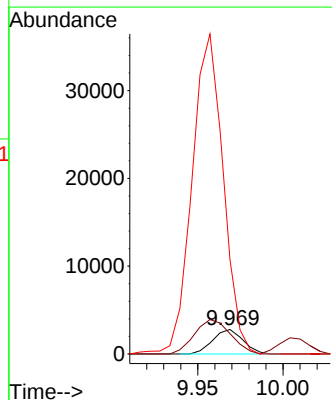
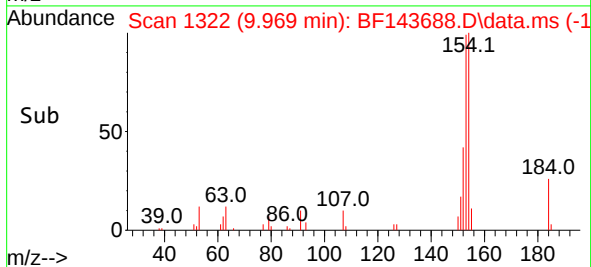
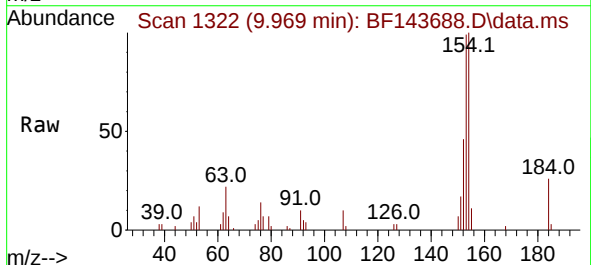


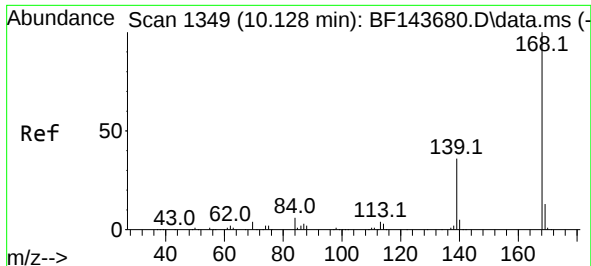
Tgt Ion:138 Resp: 11371
Ion Ratio Lower Upper
138 100
108 12.3 8.6 12.8
92 119.2 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 10.259 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:184 Resp: 3429
Ion Ratio Lower Upper
184 100
63 83.4 52.7 79.1#
154 386.0 136.6 204.8#

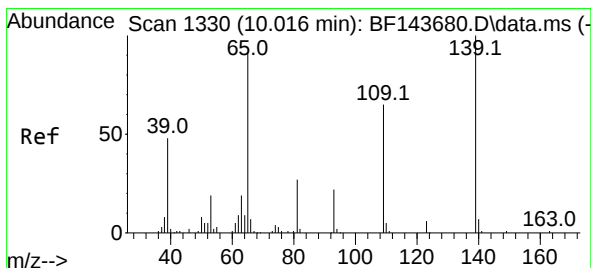
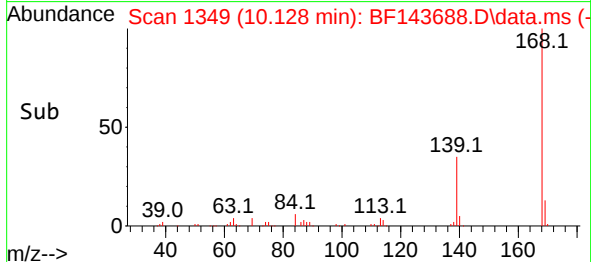
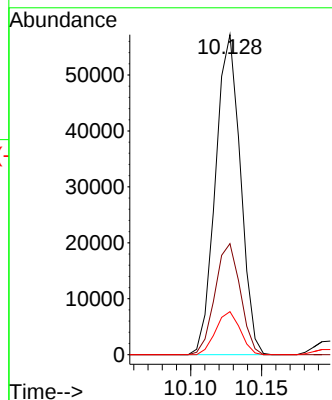
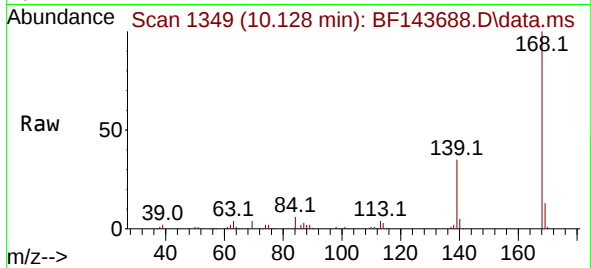




#55
Dibenzenofuran
Concen: 8.522 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

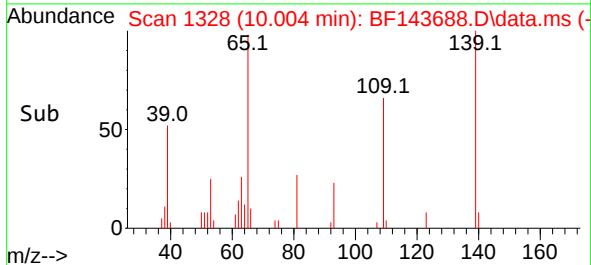
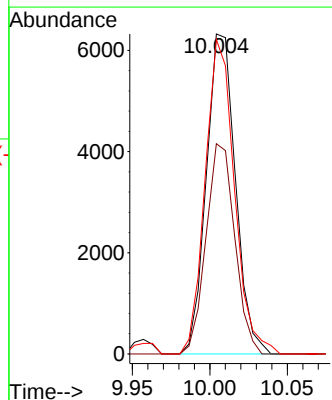
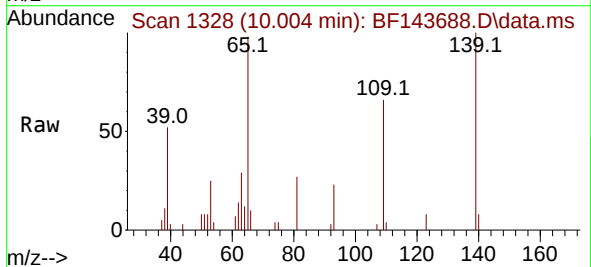
Instrument :
BNA_F
ClientSampleId :

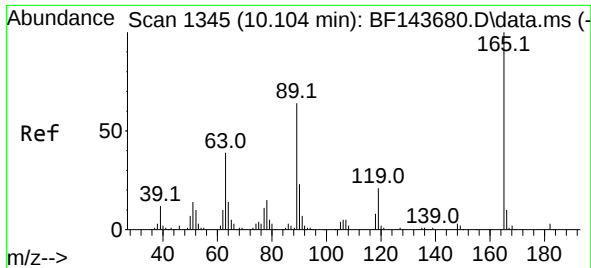
Tgt Ion:168 Resp: 69751
Ion Ratio Lower Upper
168 100
139 34.7 29.0 43.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 7.615 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

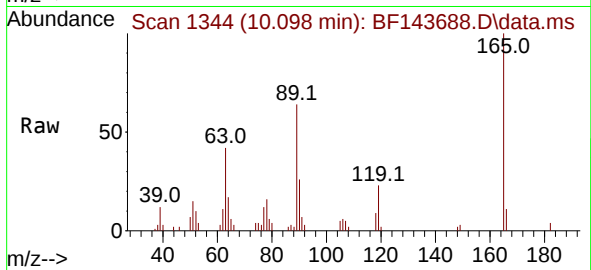
Tgt Ion:139 Resp: 8286
Ion Ratio Lower Upper
139 100
109 65.7 45.2 85.2
65 98.3 72.1 112.1



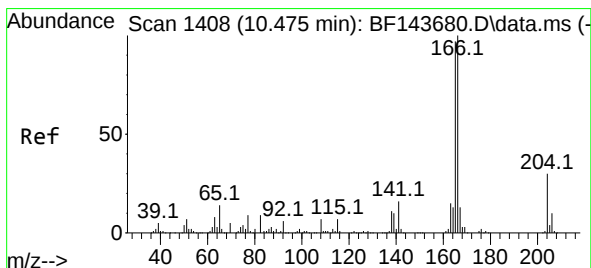
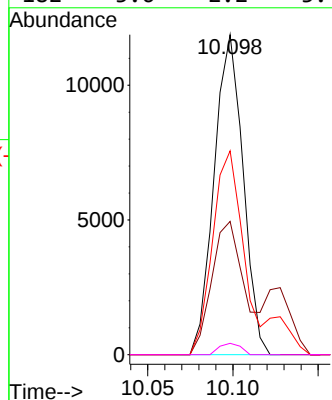
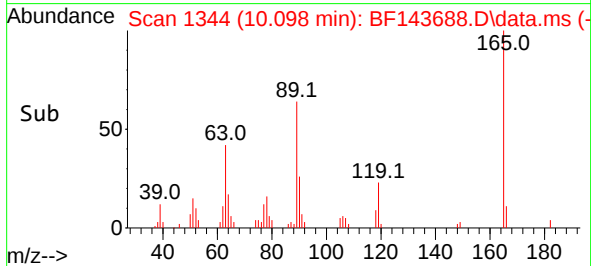


#57
2,4-Dinitrotoluene
Concen: 8.107 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

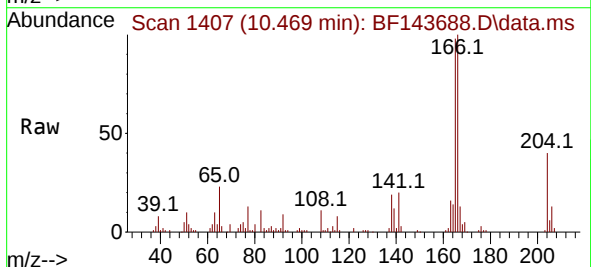
Instrument :
BNA_F
ClientSampleId :



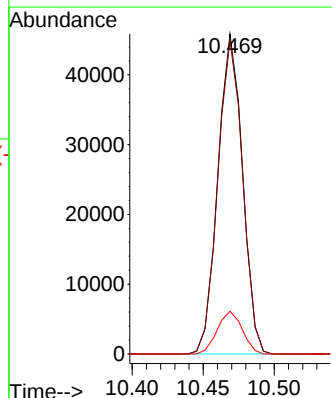
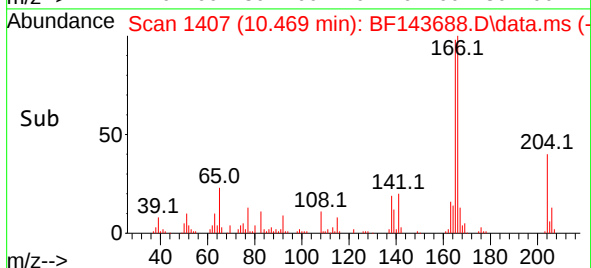
Tgt Ion:165 Resp: 14024
Ion Ratio Lower Upper
165 100
63 41.7 31.5 47.3
89 63.7 51.3 76.9
182 3.6 2.2 3.4#

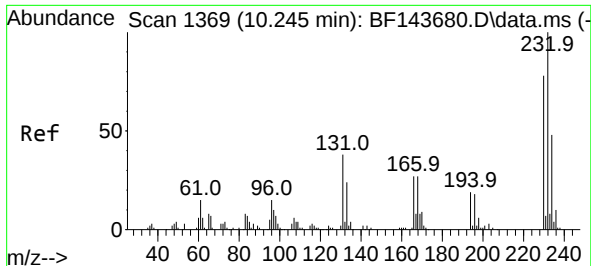


#58
Fluorene
Concen: 8.636 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59



Tgt Ion:166 Resp: 55329
Ion Ratio Lower Upper
166 100
165 97.9 77.5 116.3
167 13.4 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.811 ng

RT: 10.239 min Scan# 1368

Delta R.T. -0.006 min

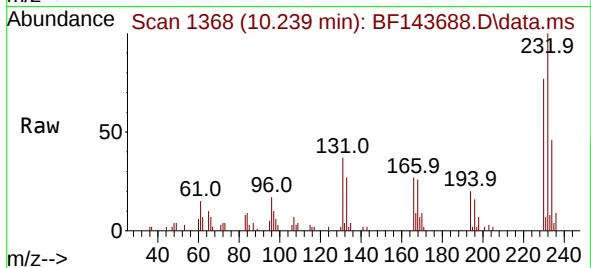
Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 14186

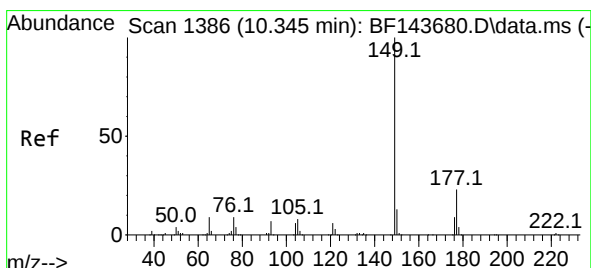
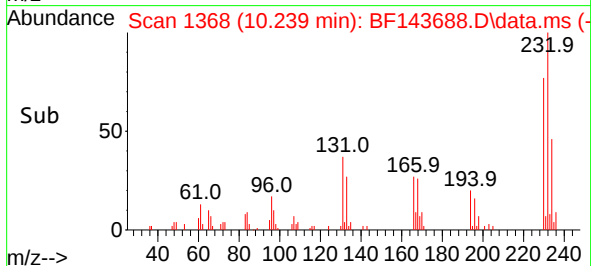
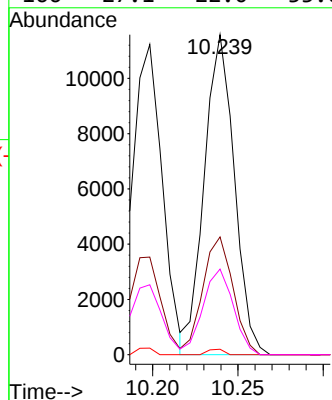
Ion Ratio Lower Upper

232 100

131 37.2 31.9 47.9

130 0.9 1.4 2.0#

166 27.1 22.0 33.0



#60

Diethylphthalate

Concen: 8.442 ng

RT: 10.339 min Scan# 1385

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

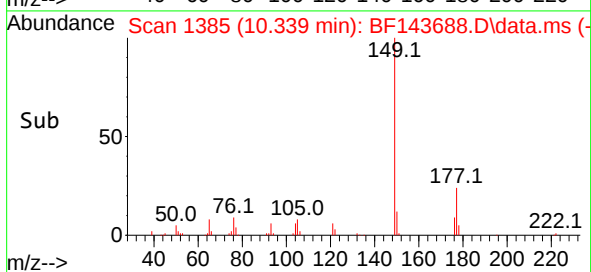
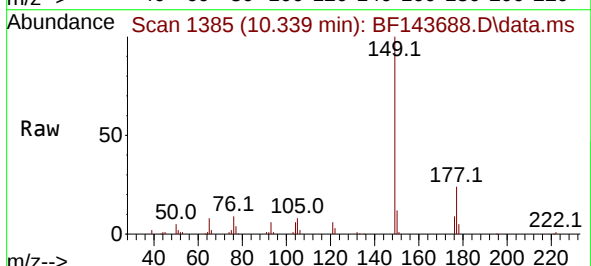
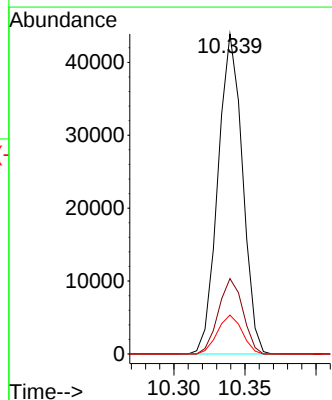
Tgt Ion:149 Resp: 52683

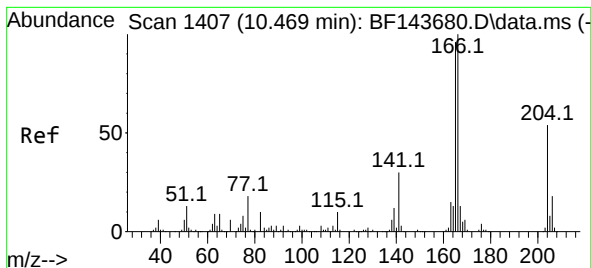
Ion Ratio Lower Upper

149 100

177 23.5 18.2 27.2

150 12.1 10.0 15.0

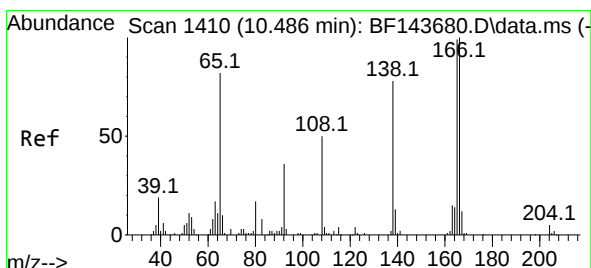
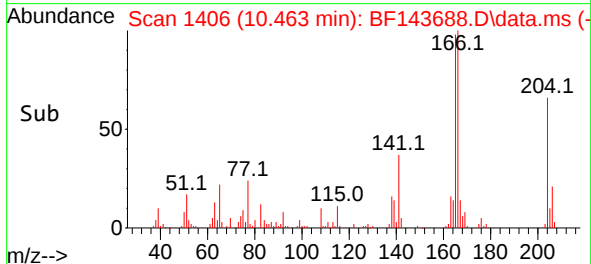
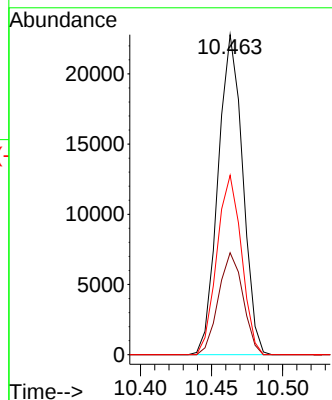
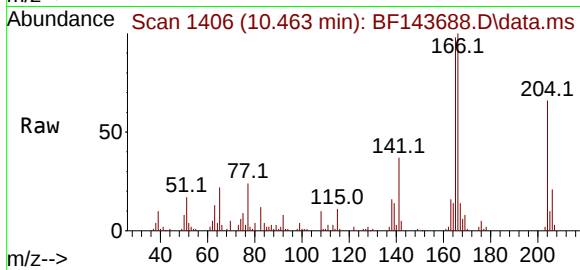




#61
4-Chlorophenyl-phenylether
Concen: 8.460 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

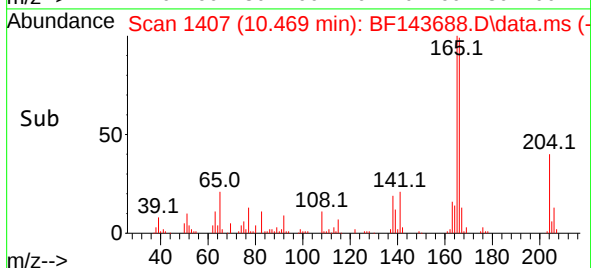
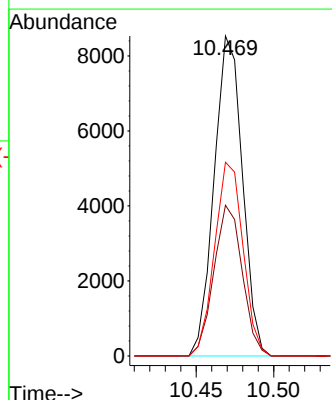
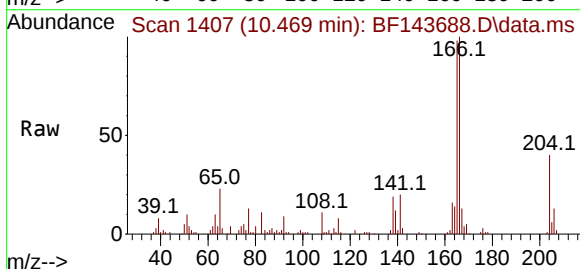
Instrument :
BNA_F
ClientSampleId :

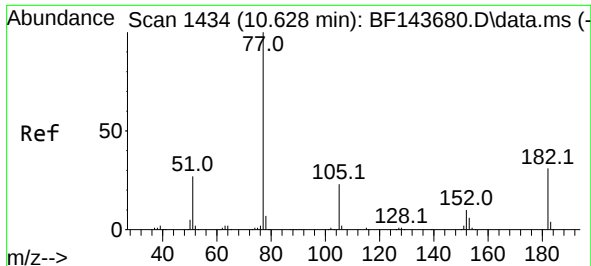
Tgt Ion:204 Resp: 27490
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 56.0 44.8 67.2



#62
4-Nitroaniline
Concen: 8.350 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:138 Resp: 10817
Ion Ratio Lower Upper
138 100
92 47.1 26.4 66.4
108 60.6 44.3 84.3

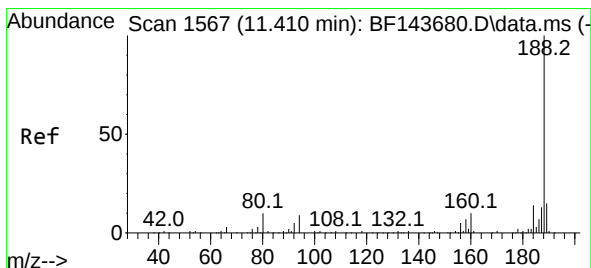
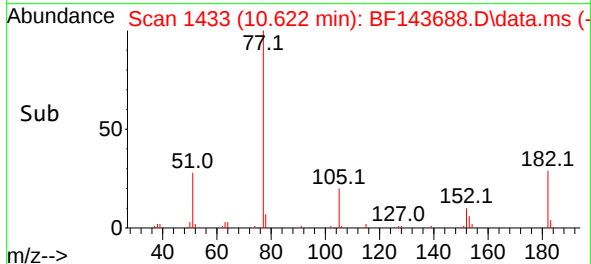
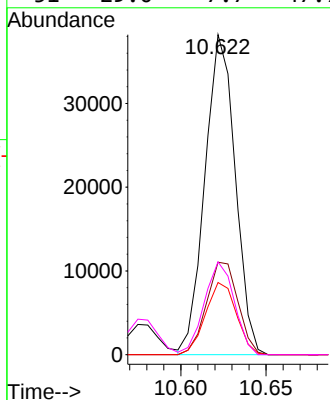
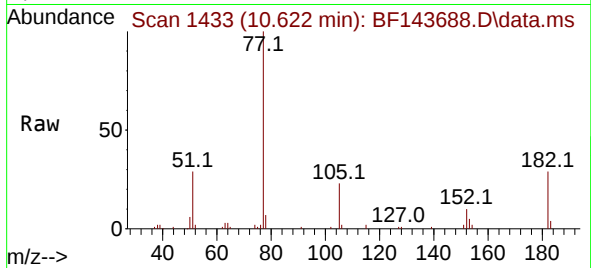




#63
 Azobenzene
 Concen: 8.556 ng
 RT: 10.622 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

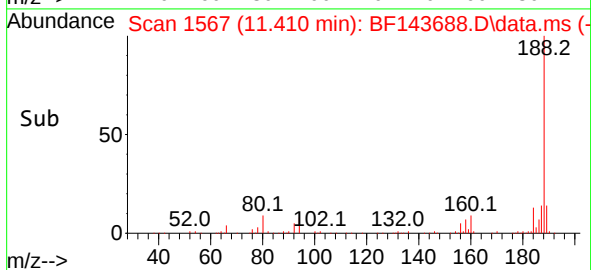
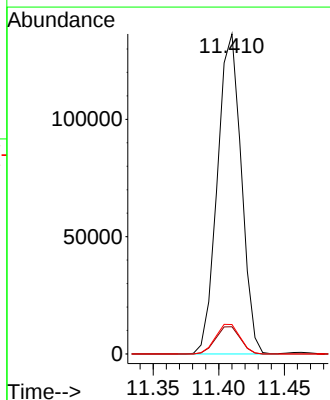
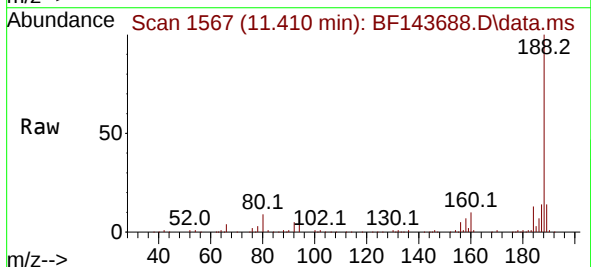
Instrument :
 BNA_F
 ClientSampleId :

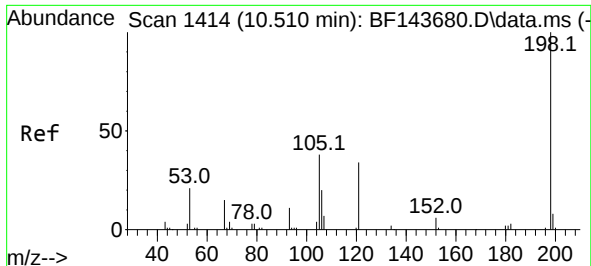
Tgt Ion: 77	Resp: 47209
Ion Ratio	Lower Upper
77 100	
182 28.9	10.8 50.8
105 22.5	3.2 43.2
51 29.0	7.7 47.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.410 min Scan# 1567
 Delta R.T. 0.000 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

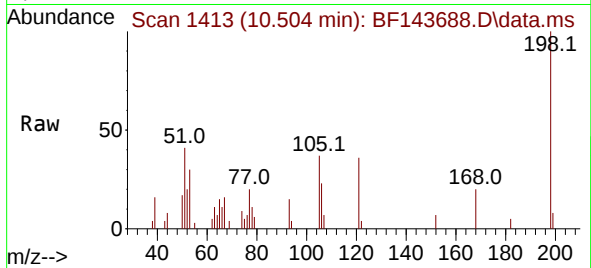
Tgt Ion:188	Resp: 173016
Ion Ratio	Lower Upper
188 100	
94 8.5	7.4 11.0
80 9.2	7.7 11.5



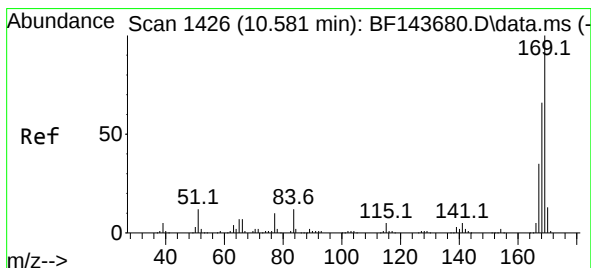
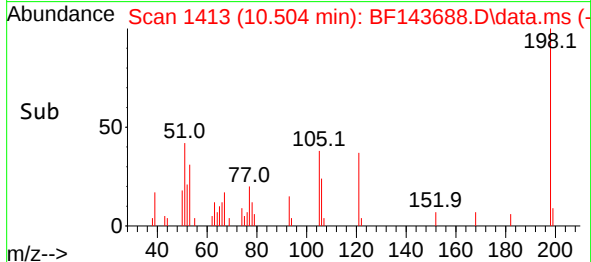
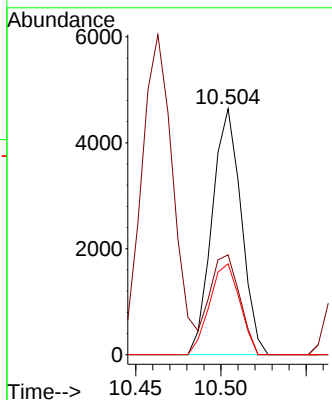


#65
4,6-Dinitro-2-methylphenol
Concen: 6.256 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :

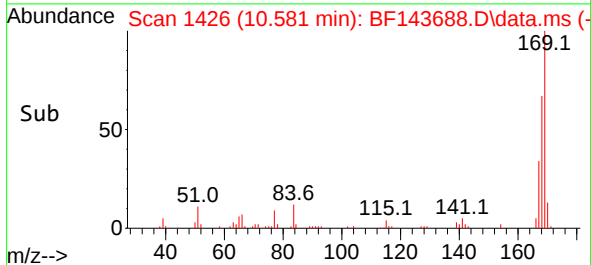
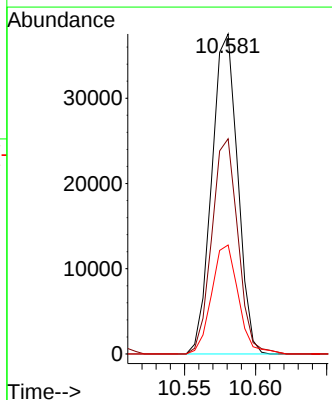
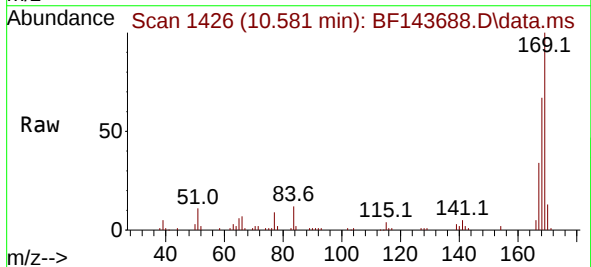


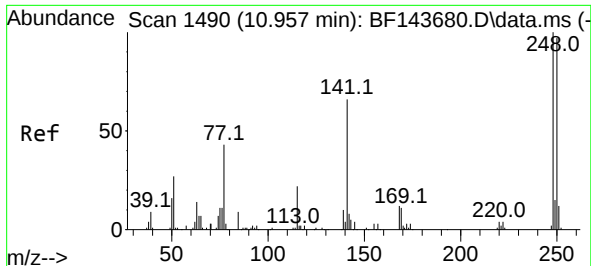
Tgt Ion:198 Resp: 5511
Ion Ratio Lower Upper
198 100
51 40.6 21.2 61.2
105 37.0 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 8.400 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:169 Resp: 47610
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 34.0 28.1 42.1

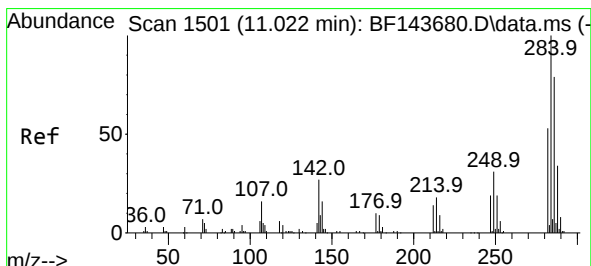
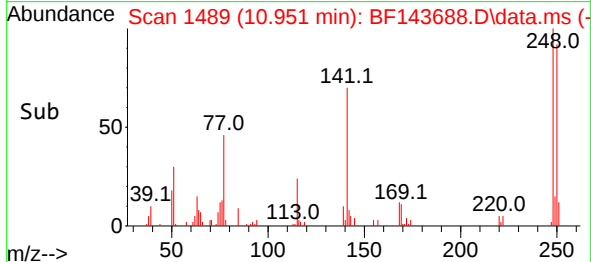
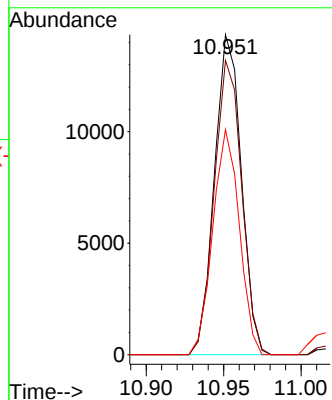
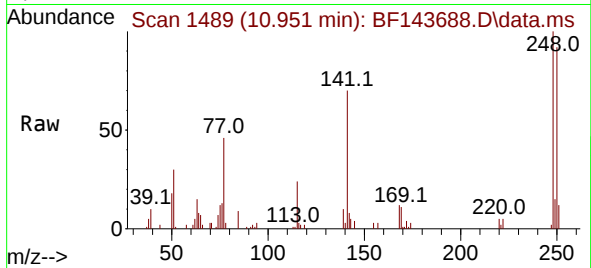




#67
4-Bromophenyl-phenylether
Concen: 8.291 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

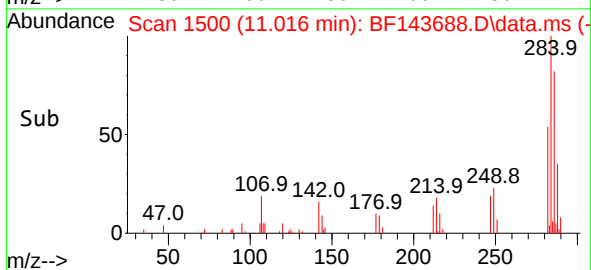
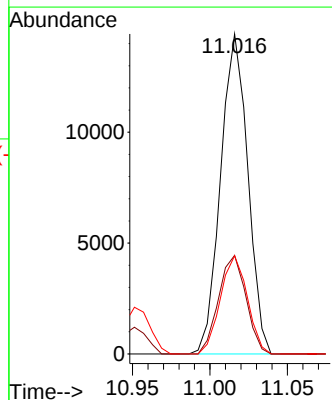
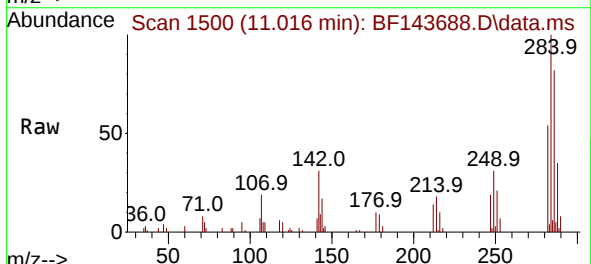
Instrument :
BNA_F
ClientSampleId :

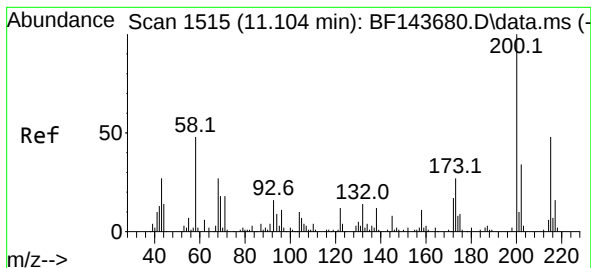
Tgt Ion:248 Resp: 17298
Ion Ratio Lower Upper
248 100
250 92.0 77.5 116.3
141 70.4 52.6 79.0



#68
Hexachlorobenzene
Concen: 7.986 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:284 Resp: 17593
Ion Ratio Lower Upper
284 100
142 30.8 21.3 31.9
249 30.7 25.0 37.4





#69

Atrazine

Concen: 7.937 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

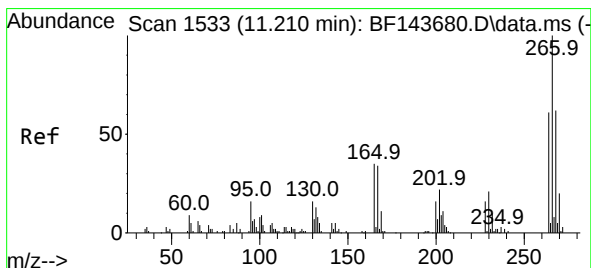
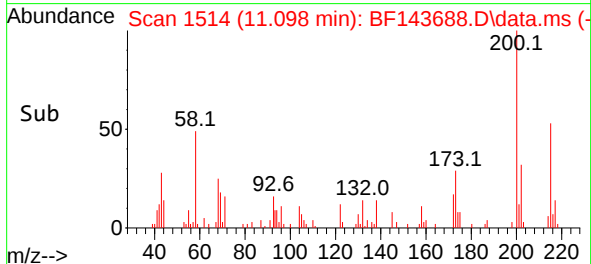
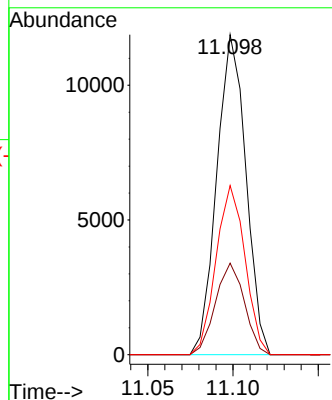
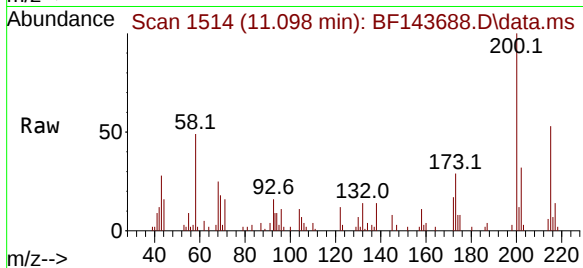
Tgt Ion:200 Resp: 14106

Ion Ratio Lower Upper

200 100

173 28.6 7.3 47.3

215 52.9 28.5 68.5



#70

Pentachlorophenol

Concen: 6.582 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

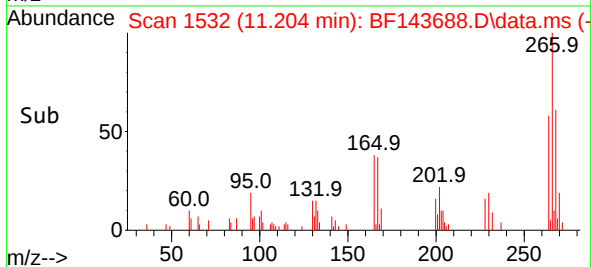
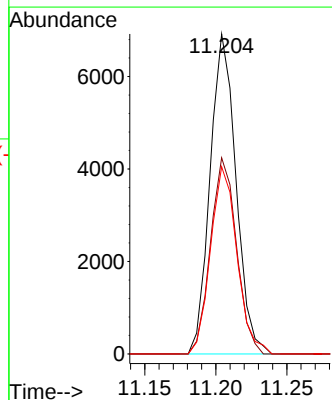
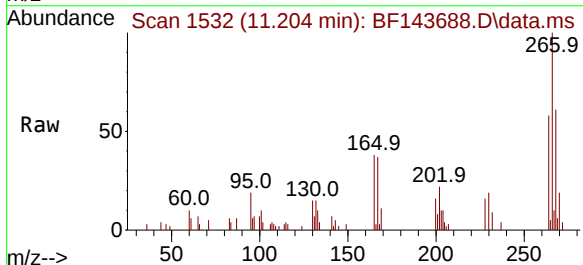
Tgt Ion:266 Resp: 8766

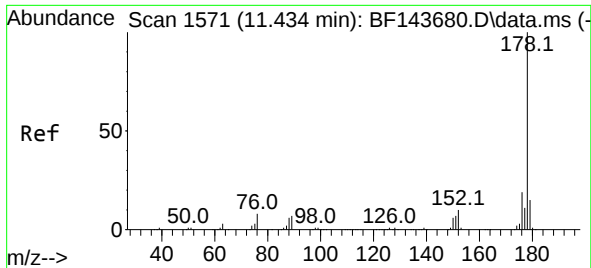
Ion Ratio Lower Upper

266 100

268 61.3 49.2 73.8

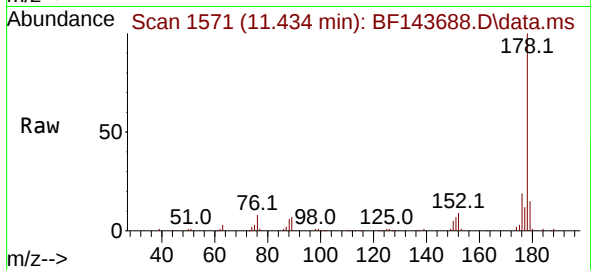
264 58.5 48.6 73.0



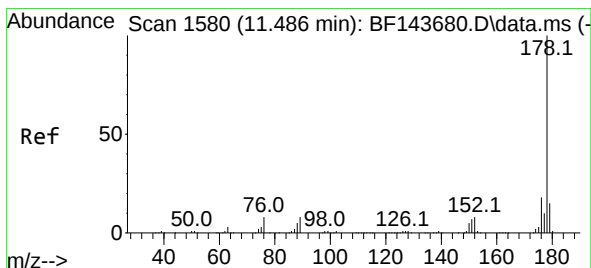
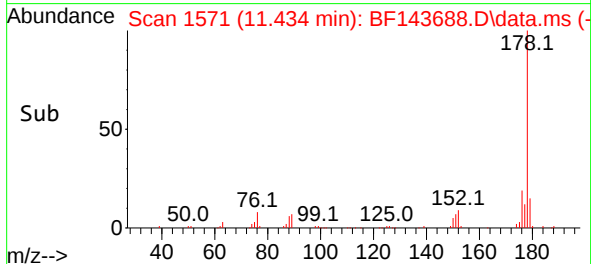
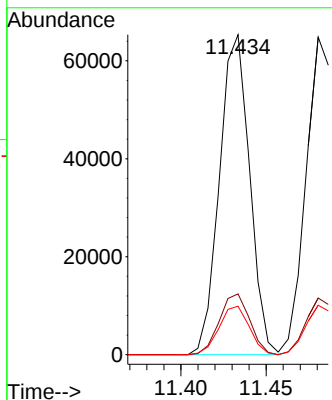


#71
Phenanthrene
Concen: 8.444 ng
RT: 11.434 min Scan# 11579
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :

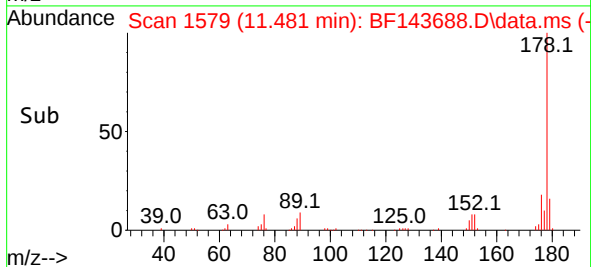
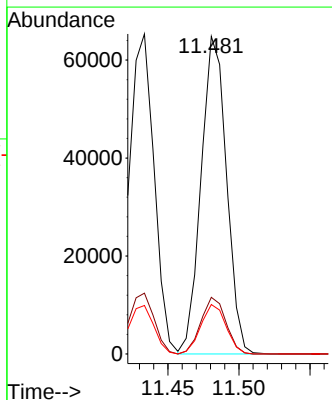
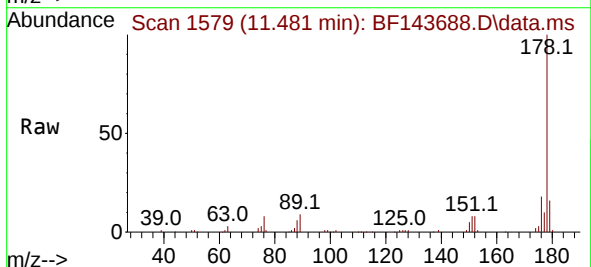


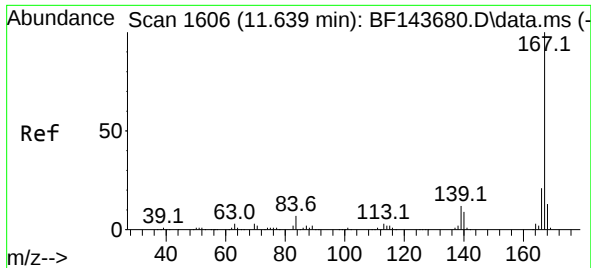
Tgt Ion:178 Resp: 80496
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.1 12.2 18.2



#72
Anthracene
Concen: 8.444 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

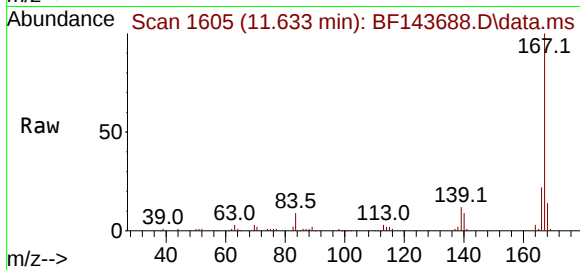
Tgt Ion:178 Resp: 80940
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.6 12.2 18.2



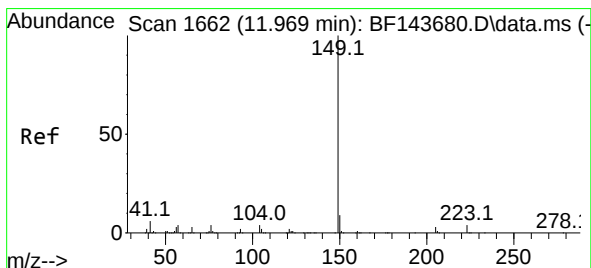
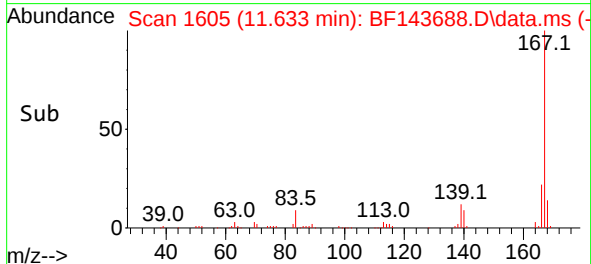
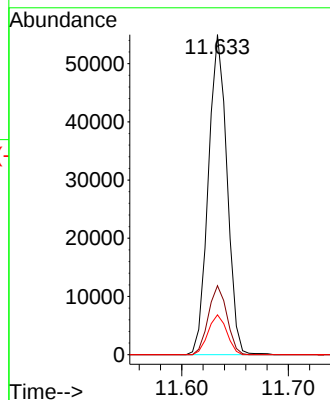


#73
Carbazole
Concen: 8.515 ng
RT: 11.633 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :

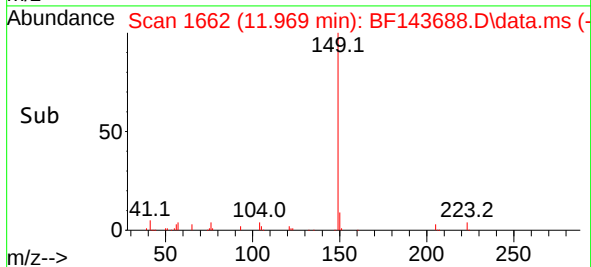
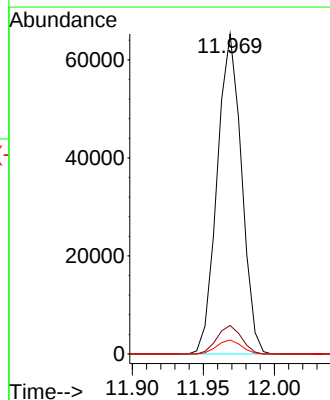
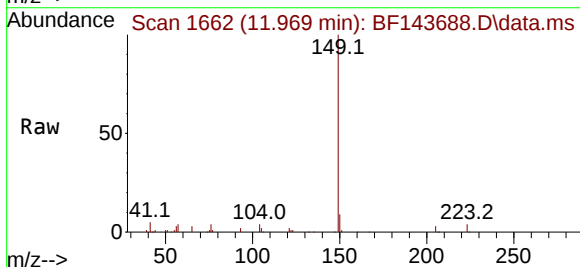


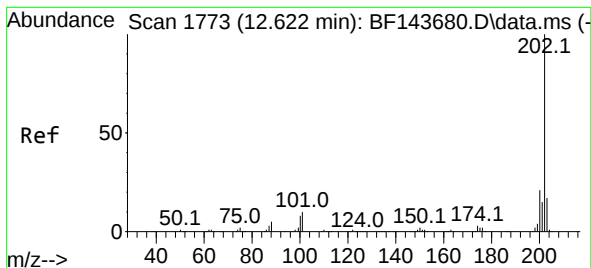
Tgt Ion:167 Resp: 66847
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.4
139 12.5 9.7 14.5



#74
Di-n-butylphthalate
Concen: 8.245 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:149 Resp: 77926
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.4 3.3 4.9





#75

Fluoranthene

Concen: 8.389 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

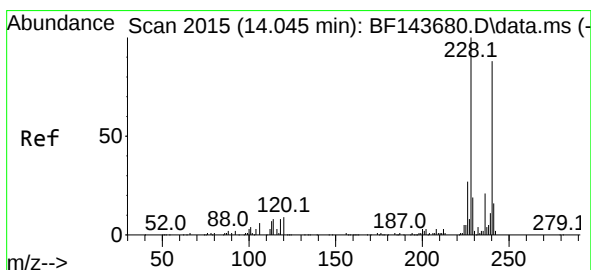
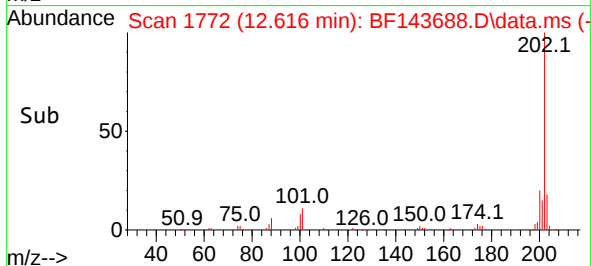
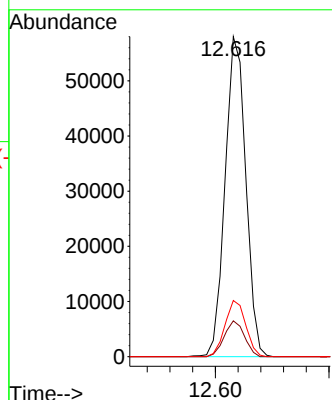
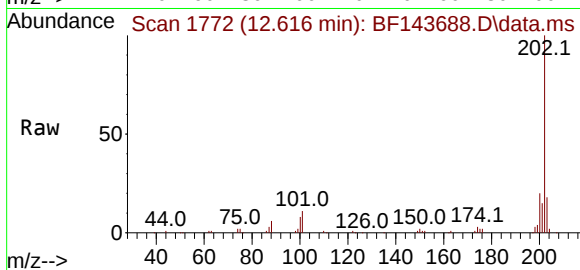
Tgt Ion:202 Resp: 73412

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

203 17.5 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: BF143688.D

Acq: 09 Sep 2025 16:59

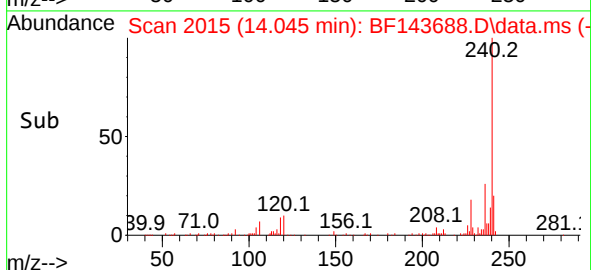
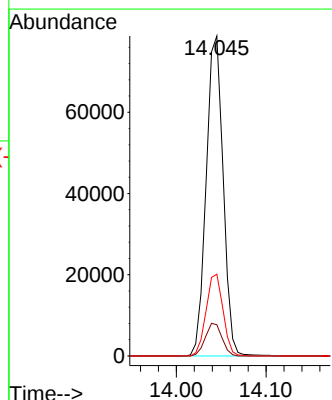
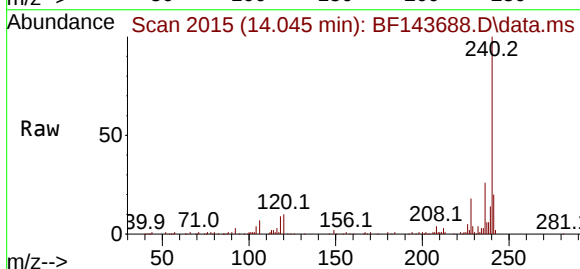
Tgt Ion:240 Resp: 103451

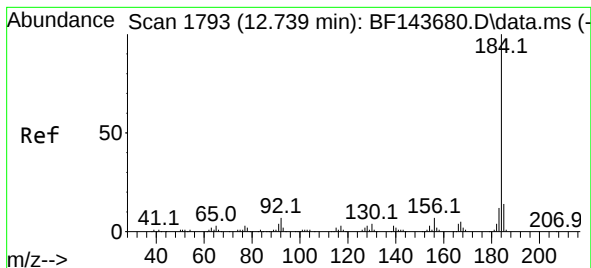
Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

236 25.6 18.6 28.0





#77

Benzidine

Concen: 8.140 ng

RT: 12.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

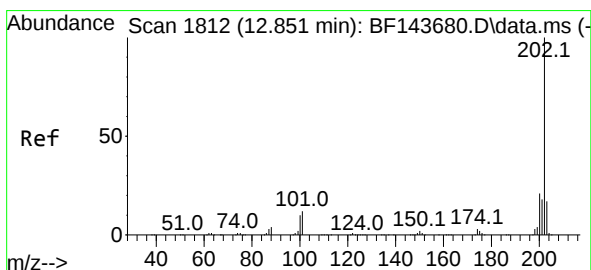
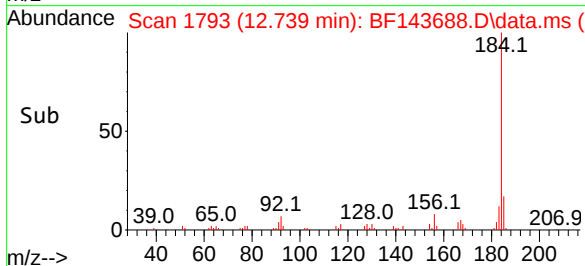
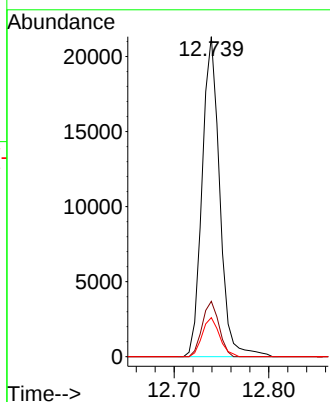
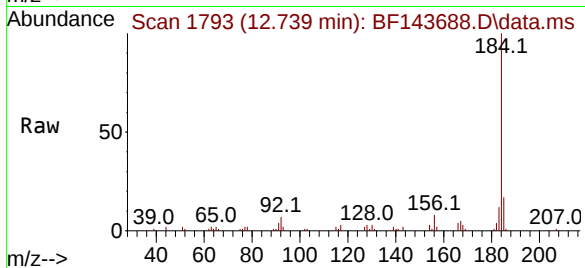
Tgt Ion:184 Resp: 27459

Ion Ratio Lower Upper

184 100

185 17.3 11.5 17.3#

183 12.2 9.4 14.2



#78

Pyrene

Concen: 8.900 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

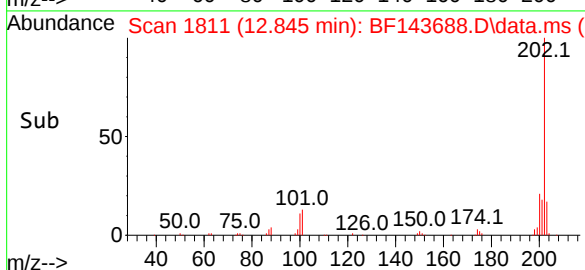
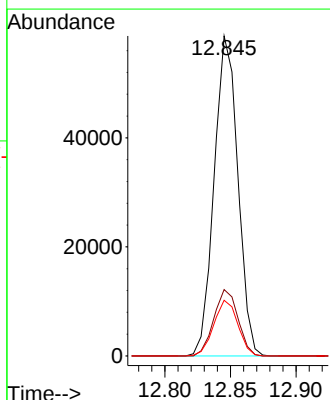
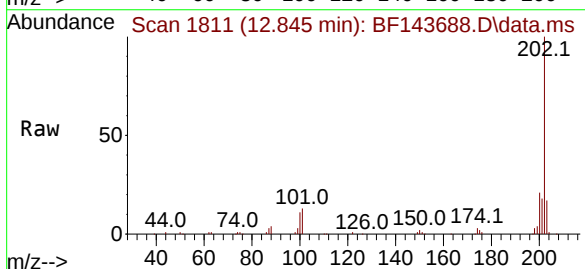
Tgt Ion:202 Resp: 73617

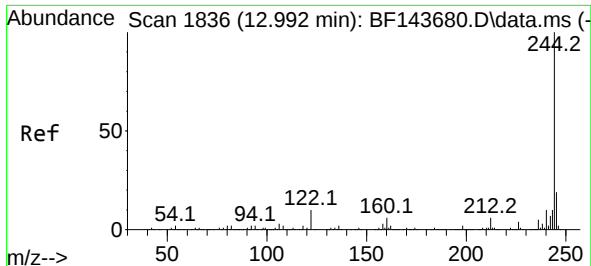
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

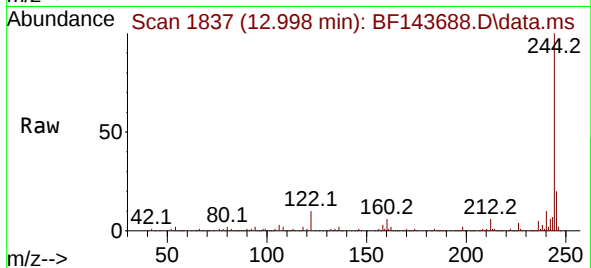
203 17.4 13.5 20.3



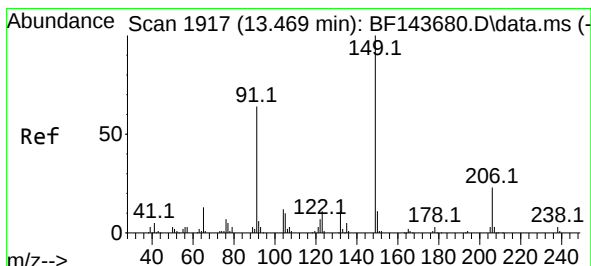
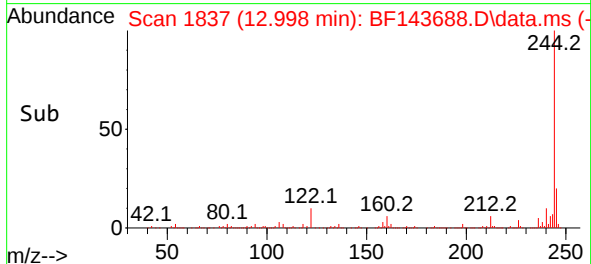
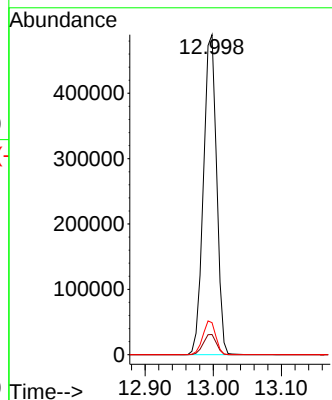


#79
 Terphenyl-d14
 Concen: 103.067 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

Instrument :
 BNA_F
 ClientSampleId :

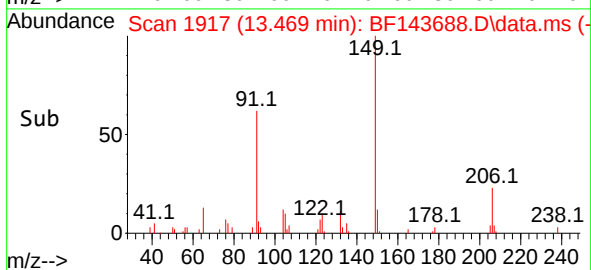
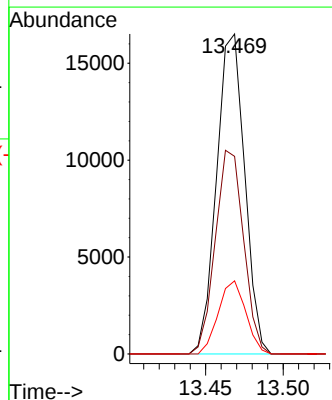
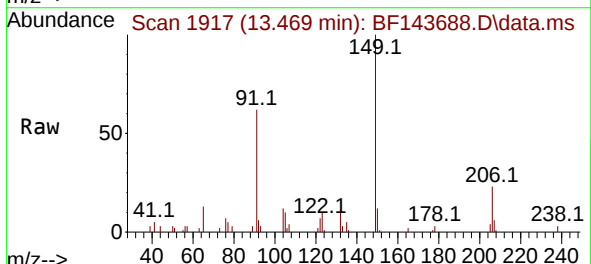


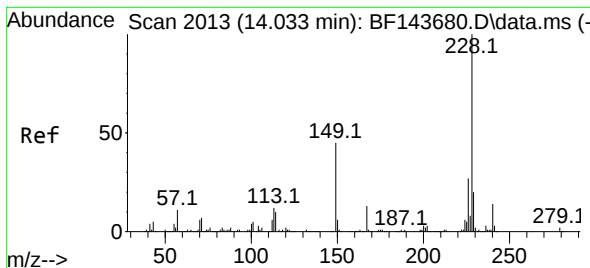
Tgt Ion:244 Resp: 657958
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 10.0 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 8.038 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF143688.D
 Acq: 09 Sep 2025 16:59

Tgt Ion:149 Resp: 20832
 Ion Ratio Lower Upper
 149 100
 91 61.8 50.9 76.3
 206 22.9 18.2 27.2





#81

Benzo(a)anthracene

Concen: 8.482 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

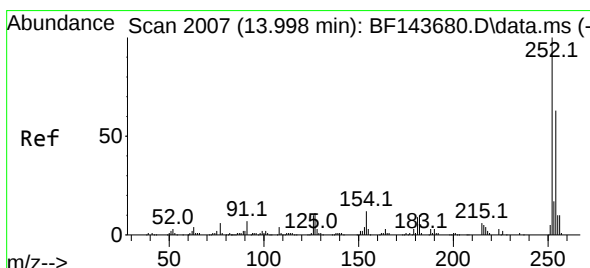
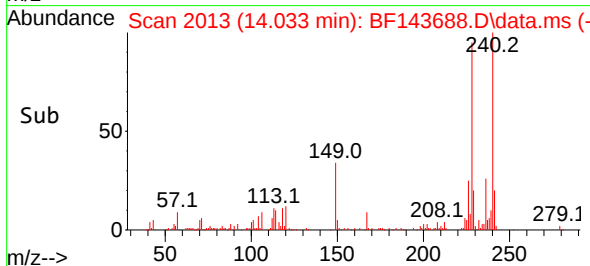
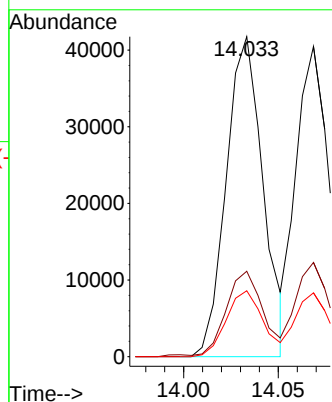
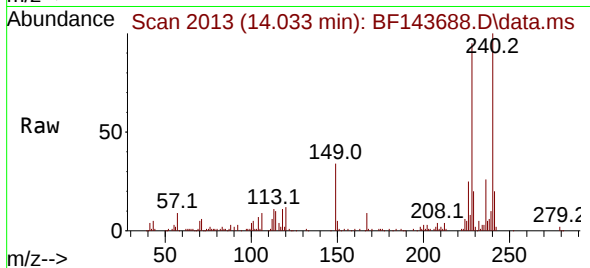
Tgt Ion:228 Resp: 56450

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

229 20.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 8.433 ng

RT: 13.992 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

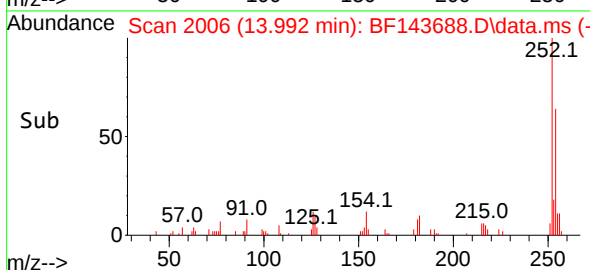
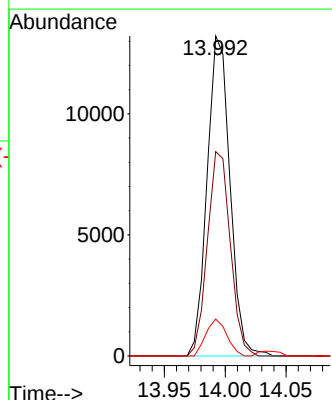
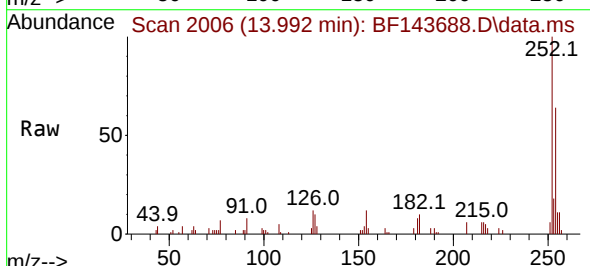
Tgt Ion:252 Resp: 17266

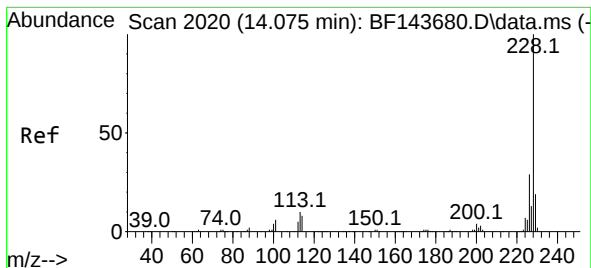
Ion Ratio Lower Upper

252 100

254 63.9 50.5 75.7

126 11.5 8.2 12.4





#83

Chrysene

Concen: 8.135 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :

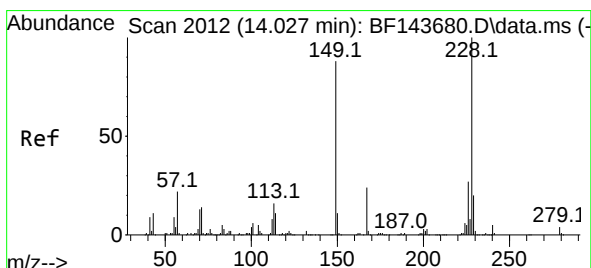
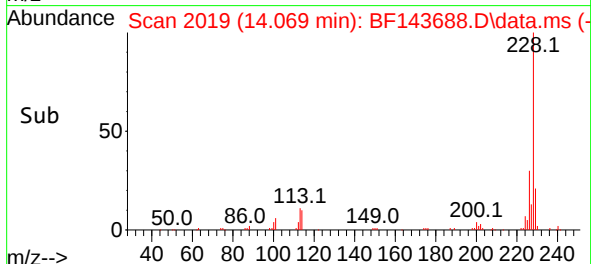
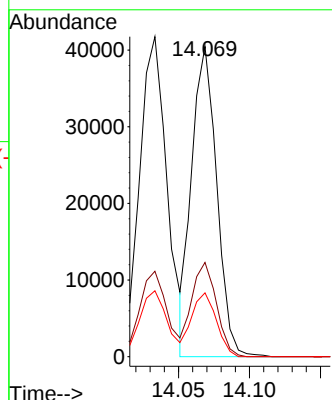
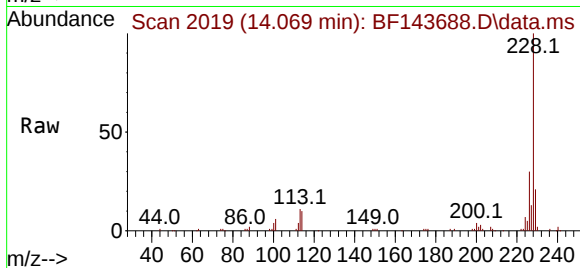
Tgt Ion:228 Resp: 49588

Ion Ratio Lower Upper

228 100

226 30.4 22.7 34.1

229 20.6 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.059 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

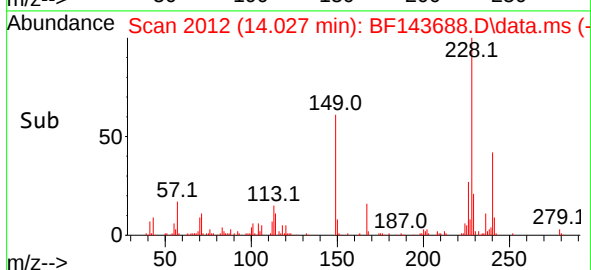
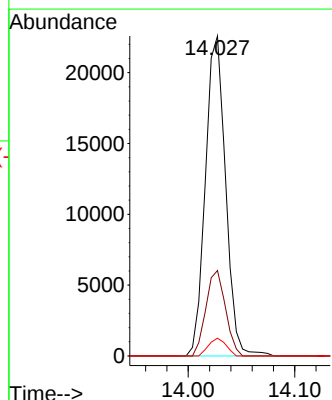
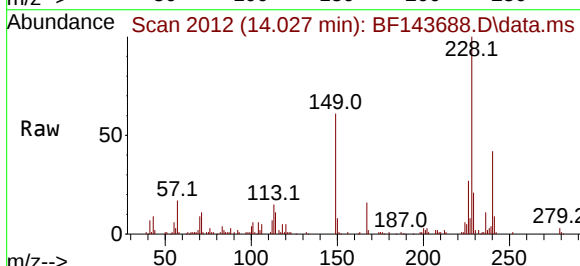
Tgt Ion:149 Resp: 29801

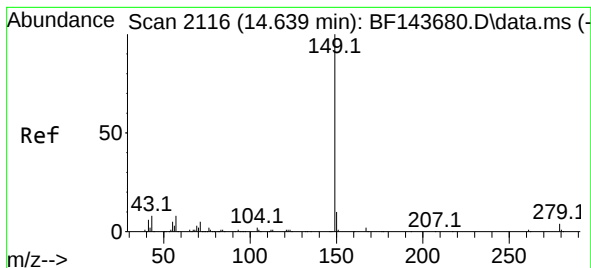
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

279 5.6 3.5 5.3#

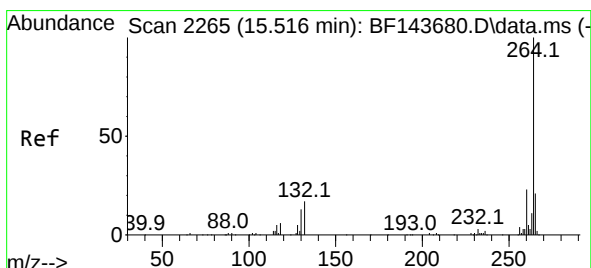
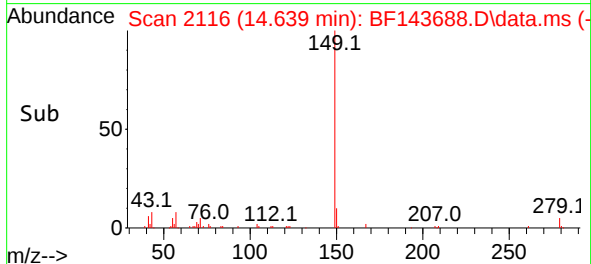
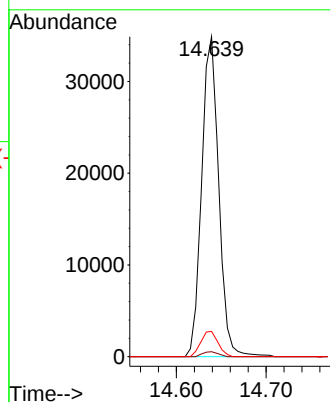
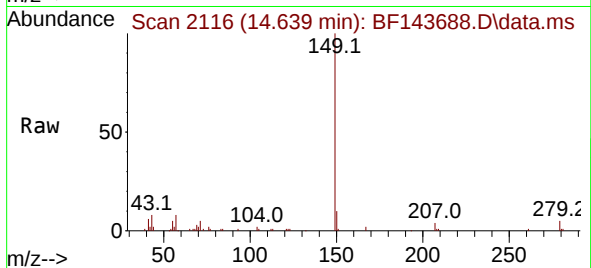




#85
Di-n-octyl phthalate
Concen: 6.957 ng
RT: 14.639 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

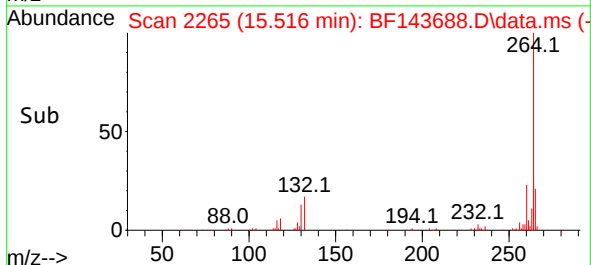
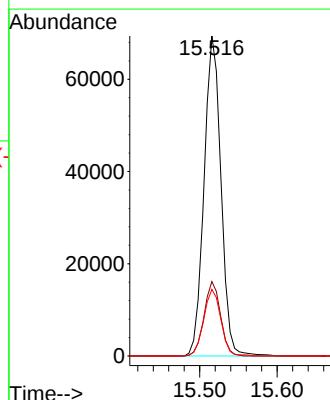
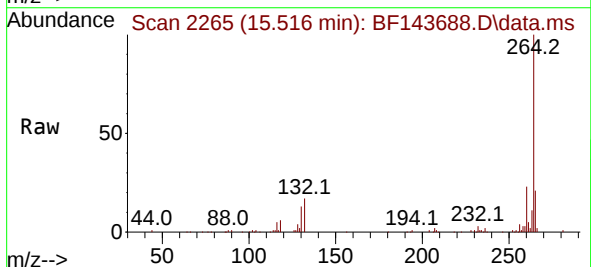
Instrument :
BNA_F
ClientSampleId :

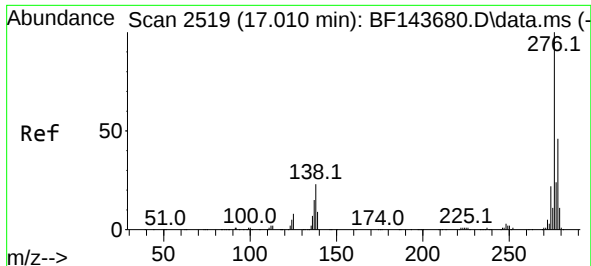
Tgt Ion:149 Resp: 46100
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 8.0 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:264 Resp: 105156
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 20.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.095 ng

RT: 16.992 min Scan# 2191

Delta R.T. -0.018 min

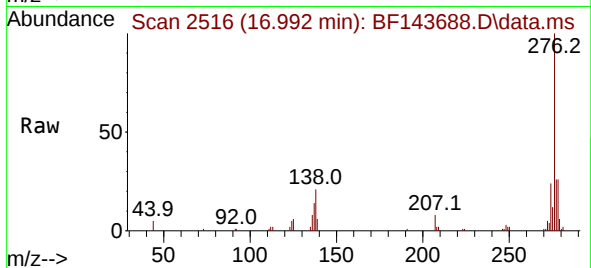
Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

Instrument :

BNA_F

ClientSampleId :



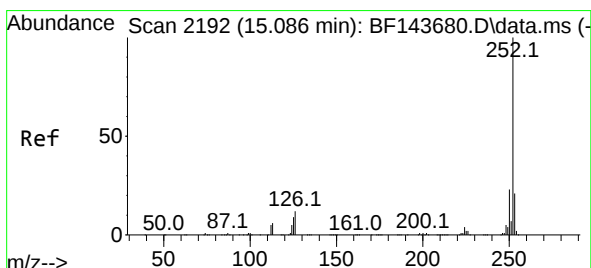
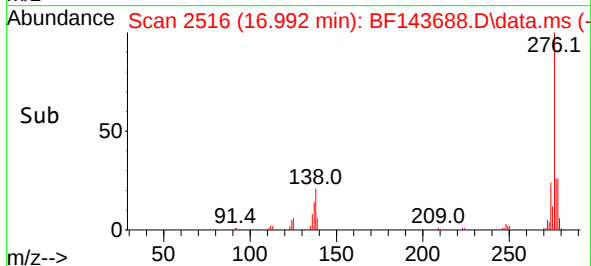
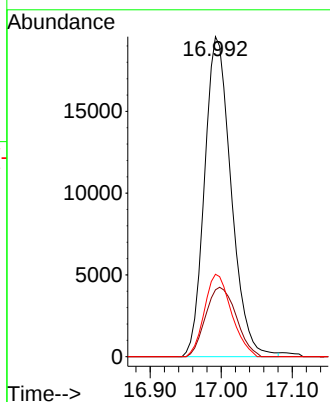
Tgt Ion:276 Resp: 50917

Ion Ratio Lower Upper

276 100

138 24.9 19.7 29.5

277 26.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 8.470 ng

RT: 15.080 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BF143688.D

Acq: 09 Sep 2025 16:59

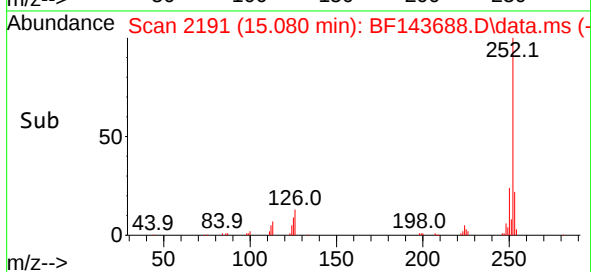
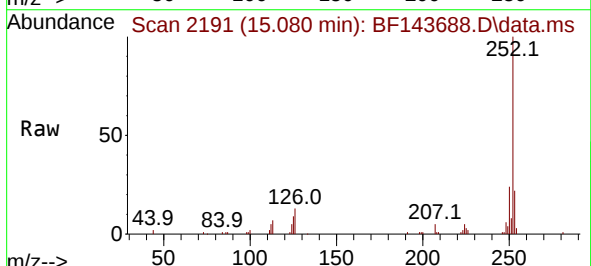
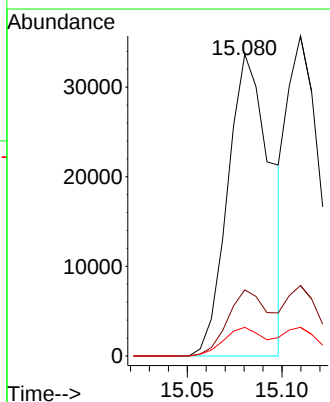
Tgt Ion:252 Resp: 53022

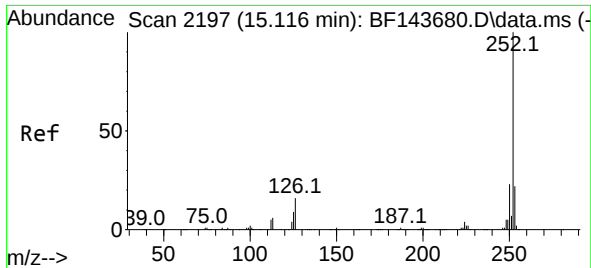
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.5 7.4 11.0

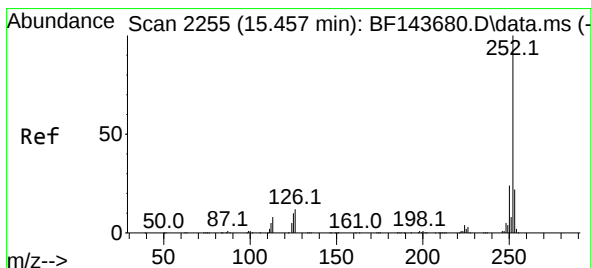
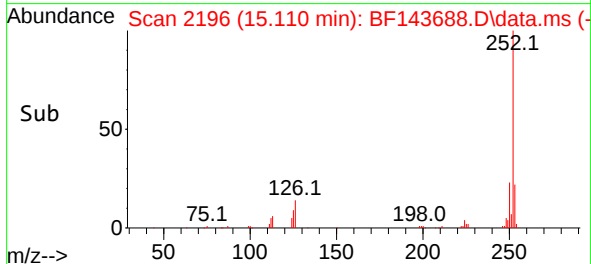
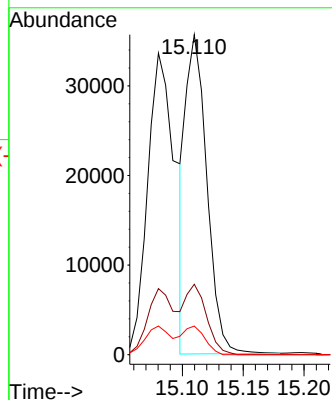
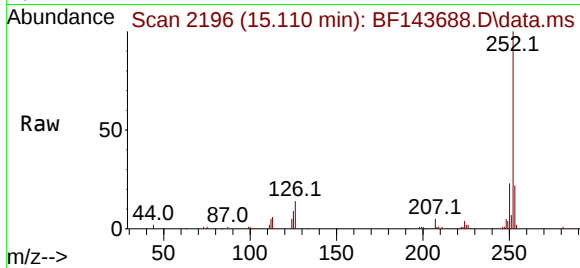




#89
Benzo(k)fluoranthene
Concen: 7.633 ng
RT: 15.110 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

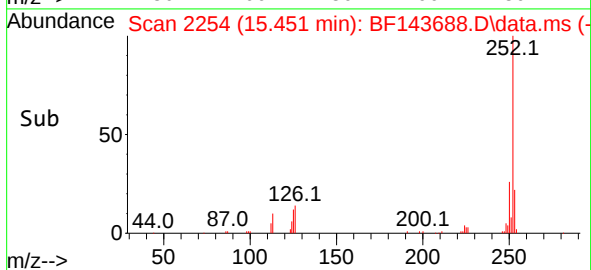
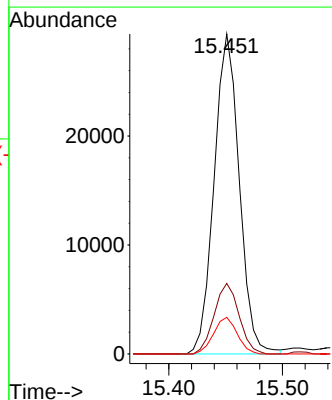
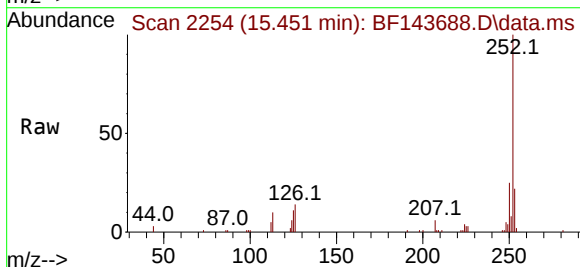
Instrument :
BNA_F
ClientSampleId :

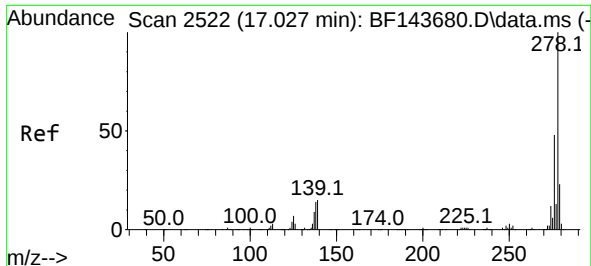
Tgt Ion:252 Resp: 43120
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 8.216 ng
RT: 15.451 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

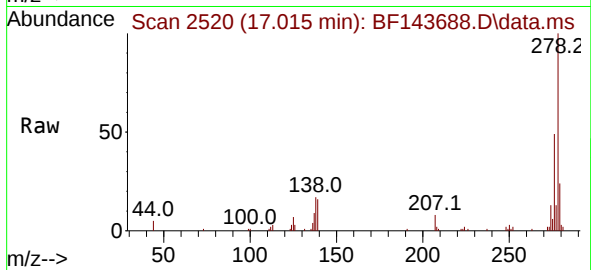
Tgt Ion:252 Resp: 45182
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.5 8.2 12.4



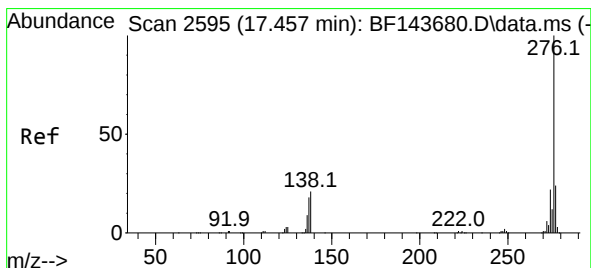
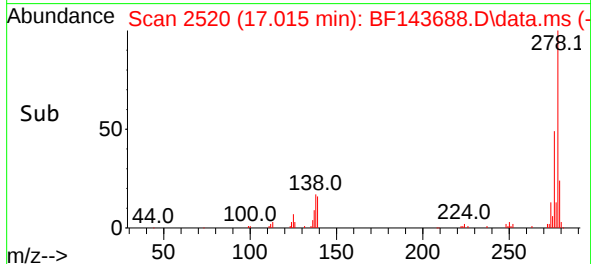
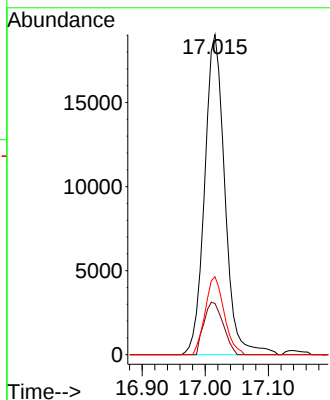


#91
Dibenzo(a,h)anthracene
Concen: 7.133 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 42471
Ion Ratio Lower Upper
278 100
139 16.0 12.2 18.4
279 24.4 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 7.212 ng
RT: 17.439 min Scan# 2592
Delta R.T. -0.018 min
Lab File: BF143688.D
Acq: 09 Sep 2025 16:59

Tgt Ion:276 Resp: 40168
Ion Ratio Lower Upper
276 100
277 26.2 19.2 28.8
138 21.8 17.0 25.4

