

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
 Data File : BF143670.D
 Acq On : 08 Sep 2025 17:50
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Sep 09 04:49:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 04:44:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	97020	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	367625	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	206546	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	318098	20.000	ng	0.00
76) Chrysene-d12	14.051	240	191784	20.000	ng	0.00
86) Perylene-d12	15.527	264	205711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	531717	94.737	ng	0.00
7) Phenol-d6	6.522	99	647805	94.580	ng	0.01
23) Nitrobenzene-d5	7.463	82	584502	98.991	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	203812	97.329	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1243890	93.909	ng	0.00
79) Terphenyl-d14	12.998	244	1068628	91.337	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	118620	47.168	ng	97
3) Pyridine	3.452	79	320416	49.190	ng	99
4) n-Nitrosodimethylamine	3.416	42	123949	49.137	ng	97
6) Aniline	6.557	93	445982	48.435	ng	100
8) 2-Chlorophenol	6.681	128	294266	48.255	ng	99
9) Benzaldehyde	6.446	77	205349	43.582	ng	98
10) Phenol	6.534	94	382886	49.348	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	268243	47.205	ng	99
12) 1,3-Dichlorobenzene	6.834	146	336717	47.930	ng	99
13) 1,4-Dichlorobenzene	6.910	146	334375	47.494	ng	100
14) 1,2-Dichlorobenzene	7.063	146	316756	47.797	ng	99
15) Benzyl Alcohol	7.034	79	246788	48.469	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	355662	46.601	ng	99
17) 2-Methylphenol	7.140	107	241054	48.094	ng	99
18) Hexachloroethane	7.404	117	111606	48.697	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	200895	46.958	ng	98
20) 3+4-Methylphenols	7.298	107	303487	47.125	ng	90
22) Acetophenone	7.304	105	388426	47.028	ng	# 93
24) Nitrobenzene	7.481	77	298631	49.141	ng	98
25) Isophorone	7.722	82	560951	49.016	ng	99
26) 2-Nitrophenol	7.793	139	155916	53.316	ng	98
27) 2,4-Dimethylphenol	7.822	122	259350	48.350	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	332295	47.530	ng	99
29) 2,4-Dichlorophenol	8.028	162	266324	49.264	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	271134	48.434	ng	99
31) Naphthalene	8.198	128	863873	47.783	ng	99
32) Benzoic acid	7.951	122	123290	36.883	ng	94
33) 4-Chloroaniline	8.245	127	303003	47.801	ng	99
34) Hexachlorobutadiene	8.316	225	178918	48.670	ng	98
35) Caprolactam	8.640	113	72486	48.831	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	265019	48.866	ng	99
37) 2-Methylnaphthalene	8.887	142	589056	47.324	ng	99
38) 1-Methylnaphthalene	8.987	142	561441	47.102	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	283891	48.505	ng	99
41) Hexachlorocyclopentadiene	9.039	237	156085	51.110	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	197790	50.926	ng	99

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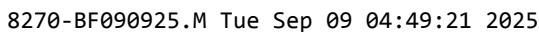
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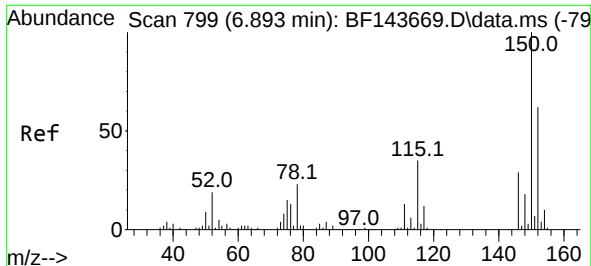
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	193931	48.673	ng	99
46) 1,1'-Biphenyl	9.357	154	700394	47.112	ng	99
47) 2-Chloronaphthalene	9.381	162	555244	48.064	ng	100
48) 2-Nitroaniline	9.469	65	159367	50.644	ng	99
49) Acenaphthylene	9.792	152	788615	47.740	ng	99
50) Dimethylphthalate	9.651	163	643992	47.627	ng	99
51) 2,6-Dinitrotoluene	9.716	165	133830	51.814	ng	97
52) Acenaphthene	9.963	154	550830	48.274	ng	99
53) 3-Nitroaniline	9.881	138	135153	49.002	ng	96
54) 2,4-Dinitrophenol	9.981	184	68136	50.218	ng	80
55) Dibenzofuran	10.134	168	769457	47.061	ng	98
56) 4-Nitrophenol	10.028	139	110520	49.100	ng	97
57) 2,4-Dinitrotoluene	10.116	165	175193	51.184	ng	98
58) Fluorene	10.481	166	586495	45.769	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	164452	50.350	ng	99
60) Diethylphthalate	10.351	149	601040	47.196	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	301781	46.641	ng	97
62) 4-Nitroaniline	10.504	138	129918	48.939	ng	98
63) Azobenzene	10.634	77	533223	47.608	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	88161	54.287	ng	98
66) n-Nitrosodiphenylamine	10.592	169	511118	49.331	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	190903	50.174	ng	97
68) Hexachlorobenzene	11.028	284	197195	49.615	ng	98
69) Atrazine	11.116	200	165174	49.250	ng	100
70) Pentachlorophenol	11.216	266	129084	52.273	ng	99
71) Phenanthrene	11.439	178	822891	47.279	ng	99
72) Anthracene	11.492	178	834353	47.497	ng	99
73) Carbazole	11.645	167	681315	46.357	ng	99
74) Di-n-butylphthalate	11.975	149	831556	47.019	ng	100
75) Fluoranthene	12.628	202	713849	44.285	ng	99
77) Benzidine	12.745	184	144455	34.797	ng	99
78) Pyrene	12.857	202	715426	46.459	ng	100
80) Butylbenzylphthalate	13.469	149	255555	52.576	ng	100
81) Benzo(a)anthracene	14.039	228	587390	47.908	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	173688	50.175	ng	99
83) Chrysene	14.080	228	550796	49.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	355402	54.312	ng	100
85) Di-n-octyl phthalate	14.645	149	643390	56.430	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	721687	52.017	ng	100
88) Benzo(b)fluoranthene	15.092	252	614649	49.009	ng	99
89) Benzo(k)fluoranthene	15.127	252	519986	47.253	ng	99
90) Benzo(a)pyrene	15.463	252	528879	49.158	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	596049	51.849	ng	98
92) Benzo(g,h,i)perylene	17.480	276	561319	51.622	ng	99

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

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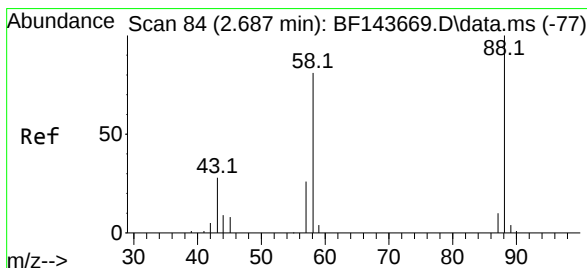
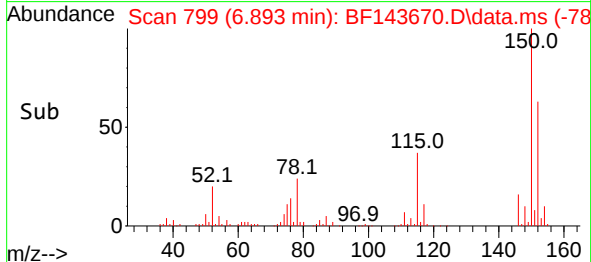
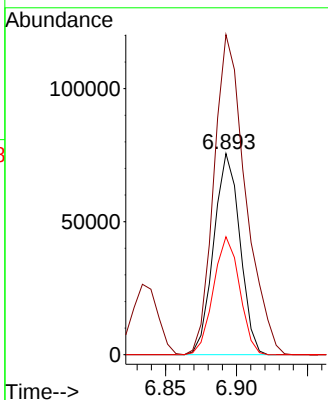
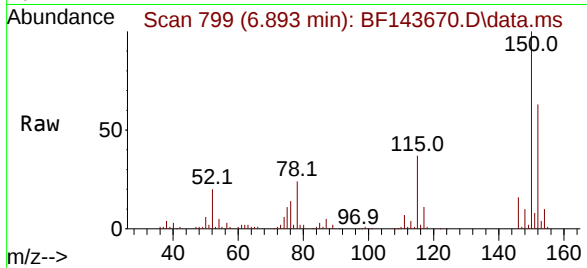




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

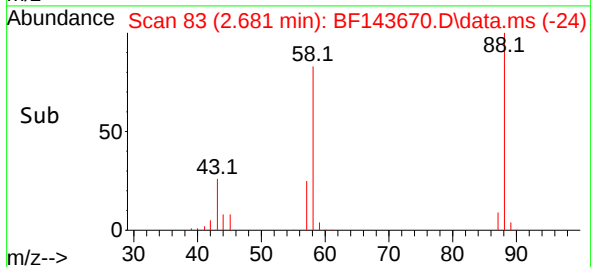
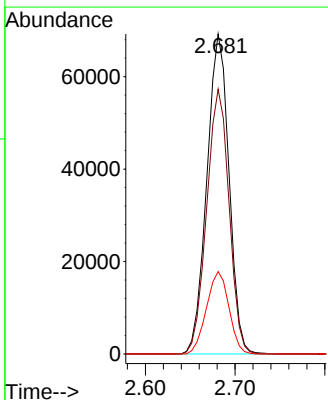
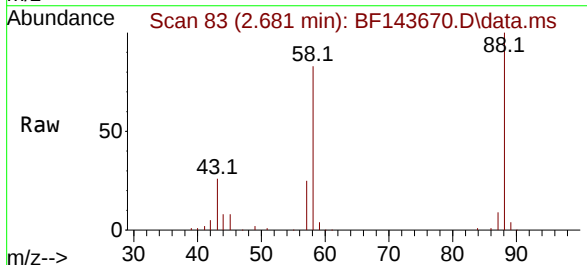
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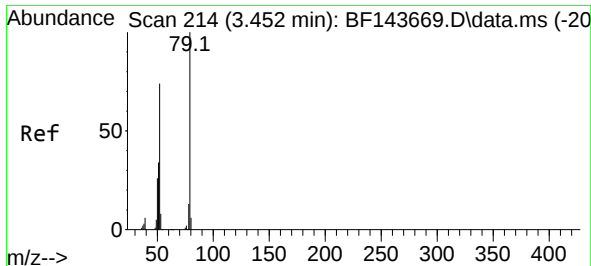
Tgt Ion:152 Resp: 97020
 Ion Ratio Lower Upper
 152 100
 150 159.1 128.2 192.2
 115 58.6 45.0 67.4



#2
 1,4-Dioxane
 Concen: 47.168 ng
 RT: 2.681 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

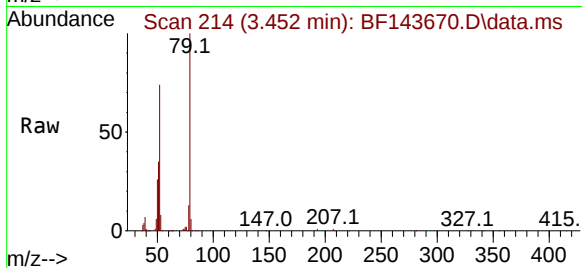
Tgt Ion: 88 Resp: 118620
 Ion Ratio Lower Upper
 88 100
 58 83.4 65.0 97.4
 43 26.0 22.3 33.5



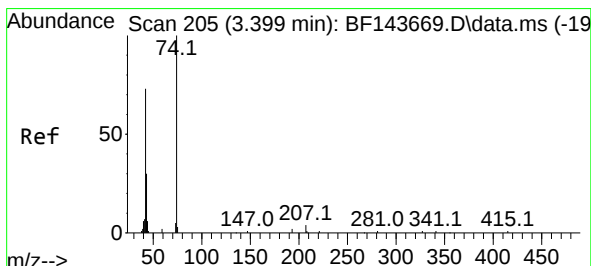
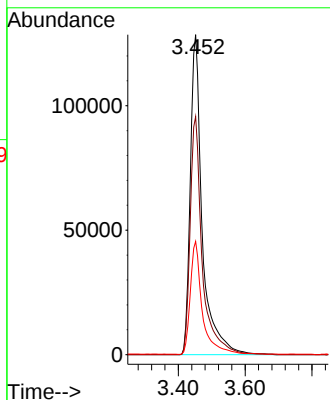
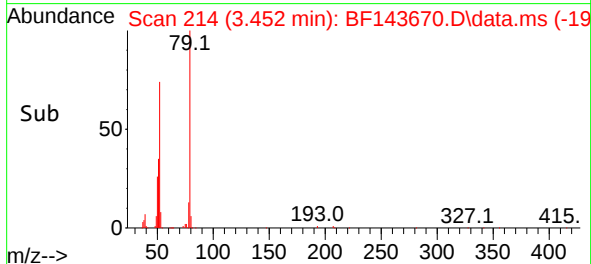


#3
Pyridine
Concen: 49.190 ng
RT: 3.452 min Scan# 214
Delta R.T. 0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

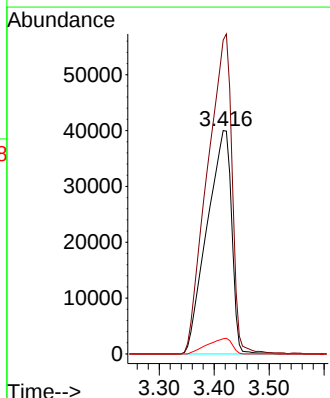
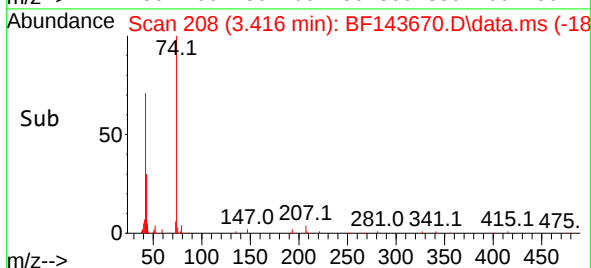
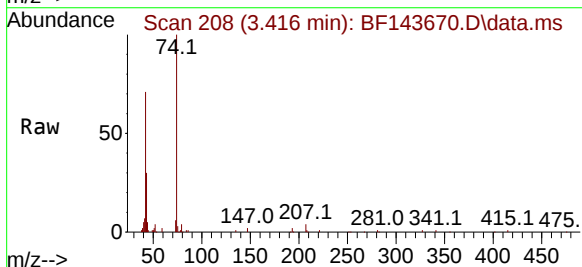


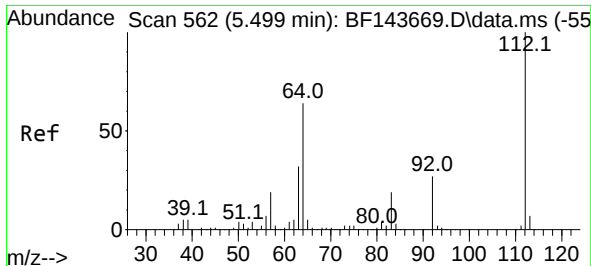
Tgt Ion: 79 Resp: 320416
Ion Ratio Lower Upper
79 100
52 74.4 59.0 88.4
51 35.4 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 49.137 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.018 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion: 42 Resp: 123949
Ion Ratio Lower Upper
42 100
74 140.4 109.3 163.9
44 6.8 6.5 9.7

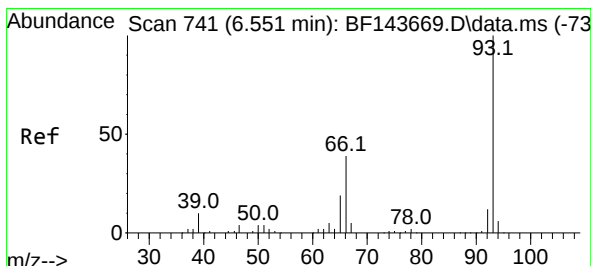
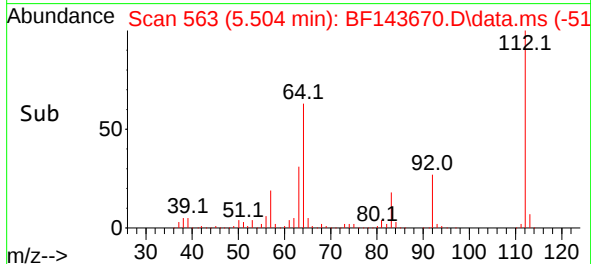
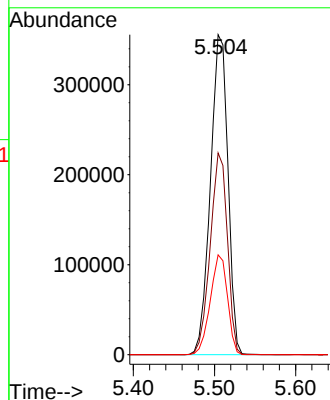
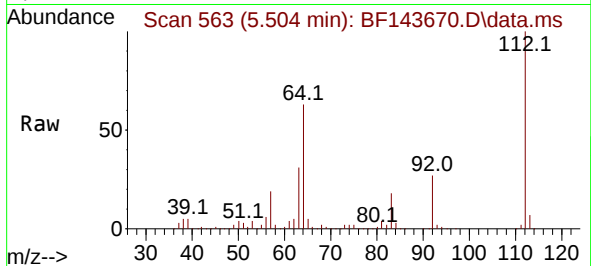




#5
2-Fluorophenol
Concen: 94.737 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

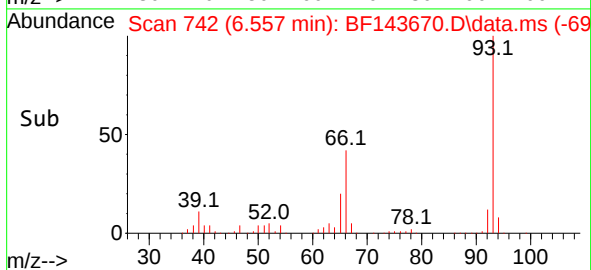
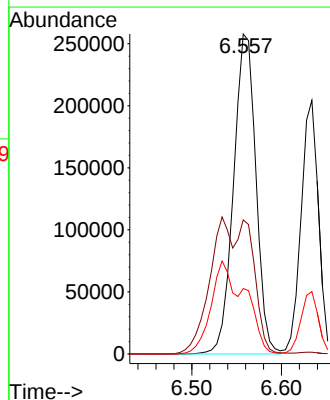
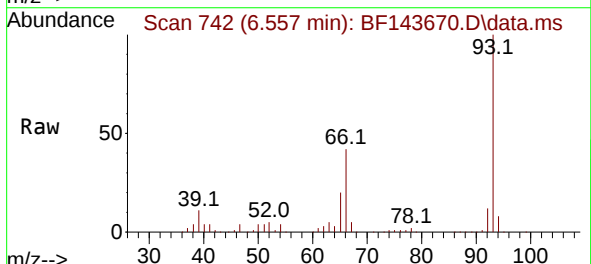
Instrument :
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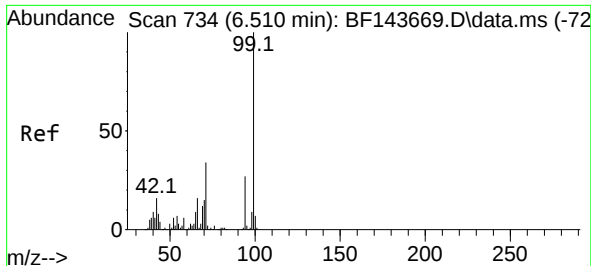
Tgt Ion:112 Resp: 531717
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 31.2 25.4 38.0



#6
Aniline
Concen: 48.435 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion: 93 Resp: 445982
Ion Ratio Lower Upper
93 100
66 41.9 33.4 50.2
65 20.4 16.1 24.1





#7

Phenol-d6

Concen: 94.580 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

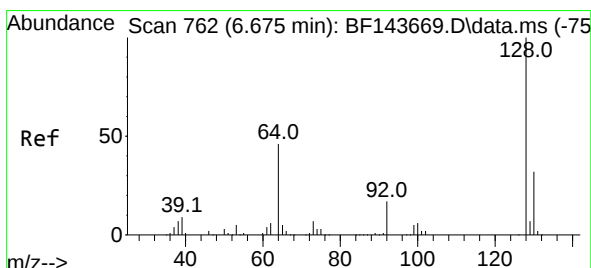
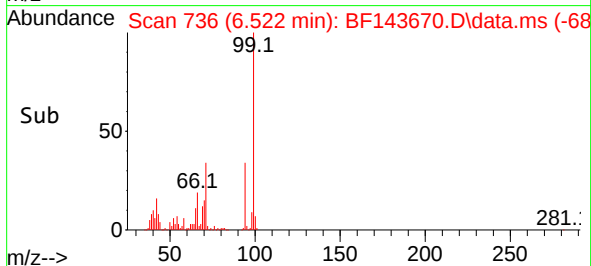
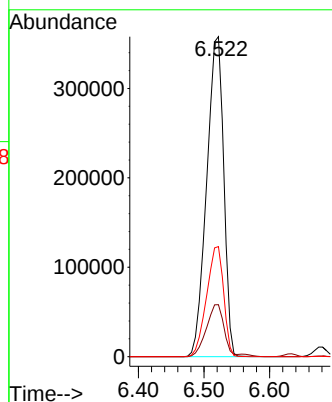
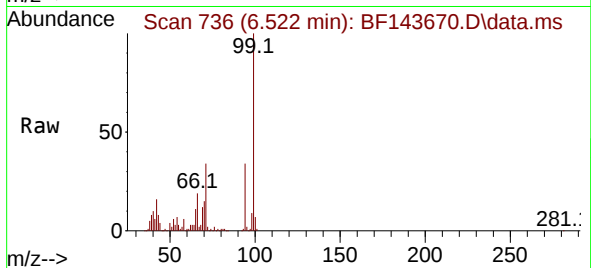
Tgt Ion: 99 Resp: 647805

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 34.4 27.3 40.9



#8

2-Chlorophenol

Concen: 48.255 ng

RT: 6.681 min Scan# 763

Delta R.T. 0.006 min

Lab File: BF143670.D

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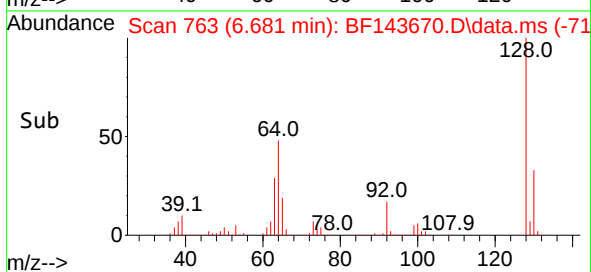
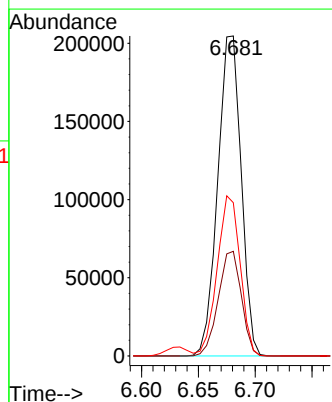
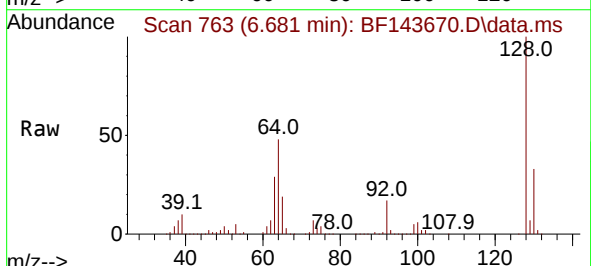
Tgt Ion:128 Resp: 294266

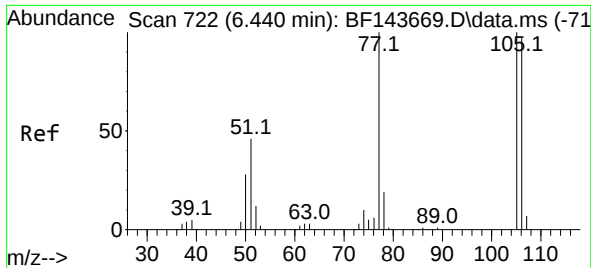
Ion Ratio Lower Upper

128 100

130 32.7 11.9 51.9

64 47.9 27.8 67.8

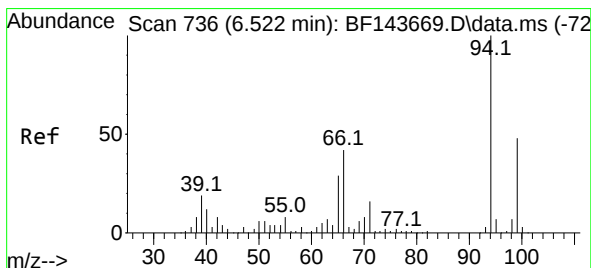
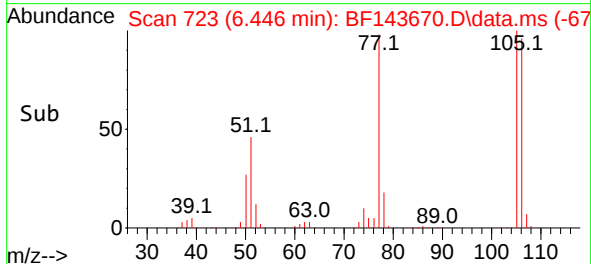
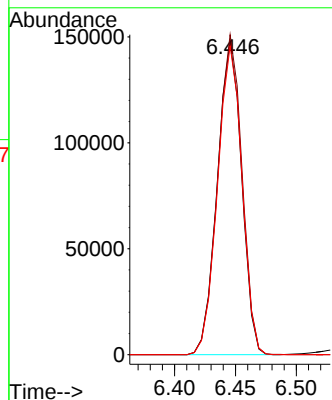
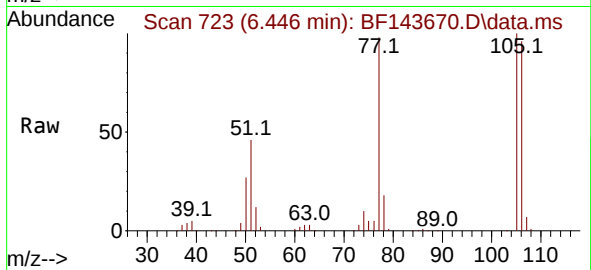




#9
Benzaldehyde
Concen: 43.582 ng
RT: 6.446 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

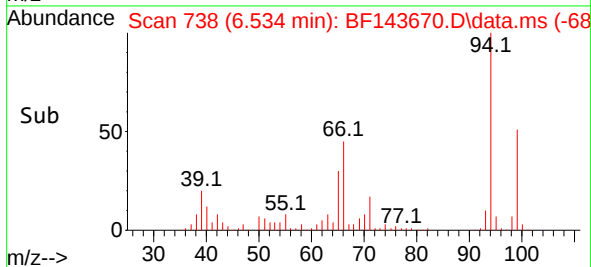
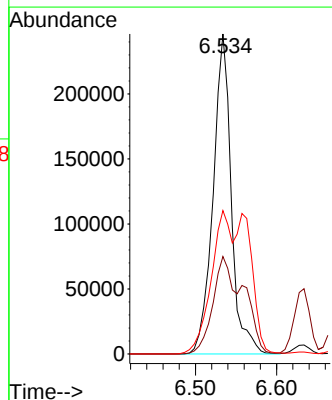
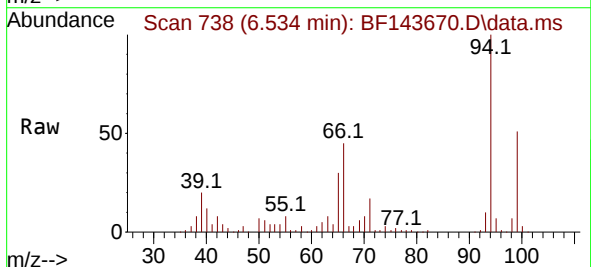
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ClientSampleId :
SSTDICC050

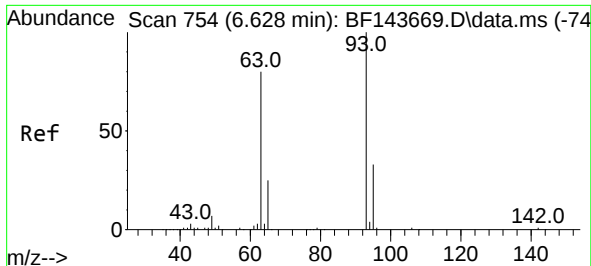
Tgt Ion: 77 Resp: 205349
Ion Ratio Lower Upper
77 100
105 102.0 80.1 120.1
106 98.4 76.7 116.7



#10
Phenol
Concen: 49.348 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion: 94 Resp: 382886
Ion Ratio Lower Upper
94 100
65 30.4 8.8 48.8
66 44.8 21.7 61.7





#11

bis(2-Chloroethyl)ether

Concen: 47.205 ng

RT: 6.634 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

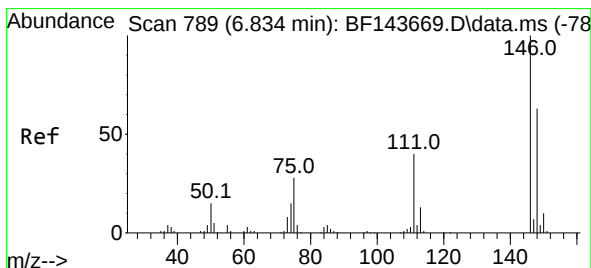
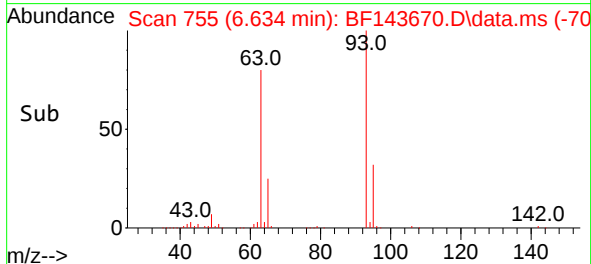
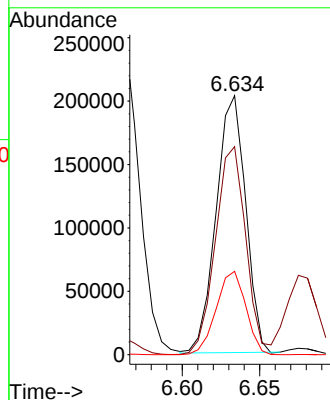
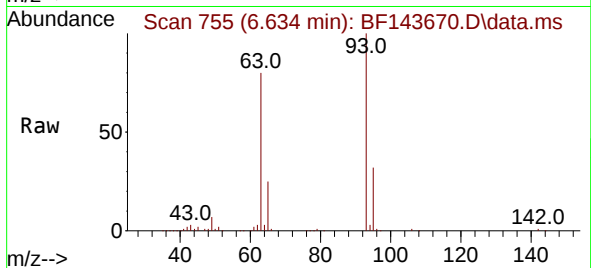
Tgt Ion: 93 Resp: 268243

Ion Ratio Lower Upper

93 100

63 80.3 59.6 99.6

95 32.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.930 ng

RT: 6.834 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

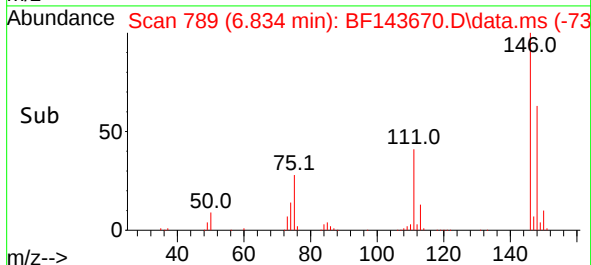
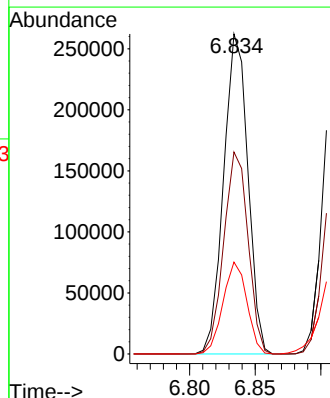
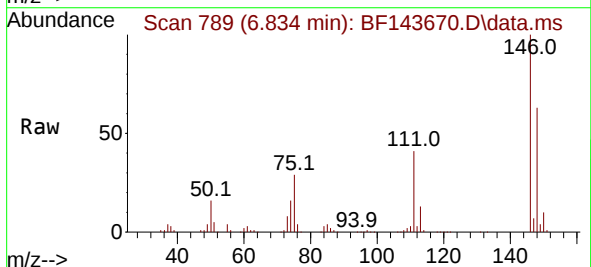
Tgt Ion:146 Resp: 336717

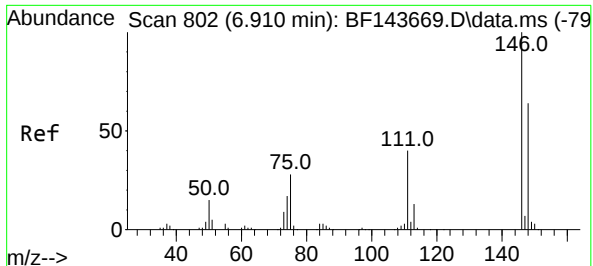
Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

75 28.7 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 47.494 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

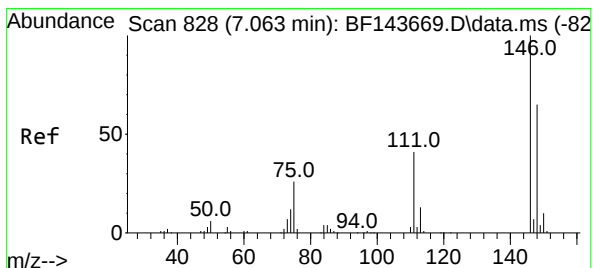
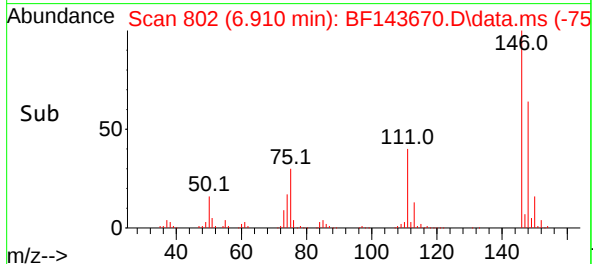
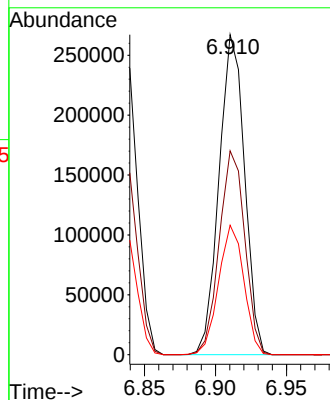
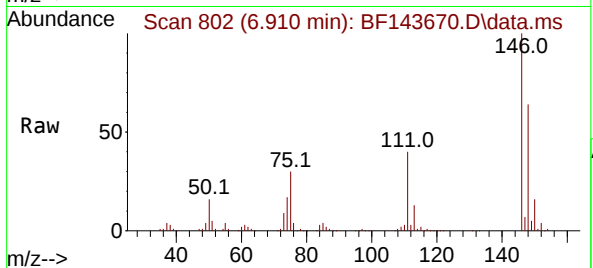
Tgt Ion:146 Resp: 334375

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

111 40.4 32.2 48.4



#14

1,2-Dichlorobenzene

Concen: 47.797 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

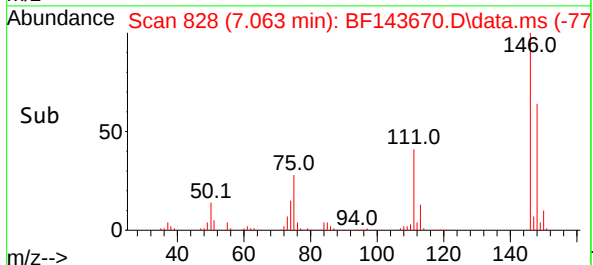
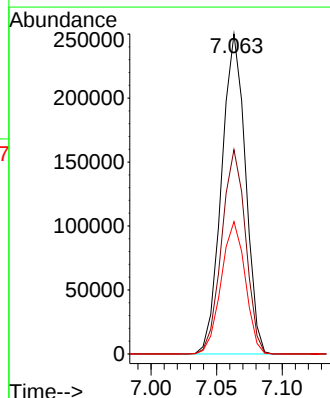
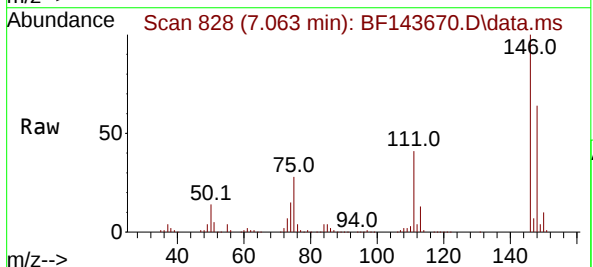
Tgt Ion:146 Resp: 316756

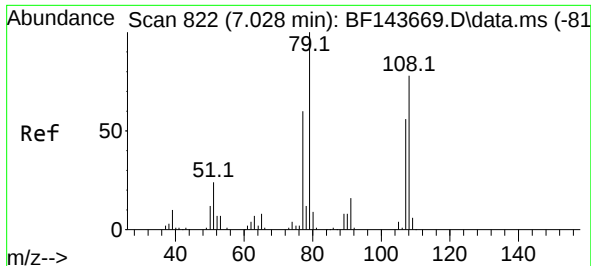
Ion Ratio Lower Upper

146 100

148 63.9 52.0 78.0

111 41.4 32.4 48.6

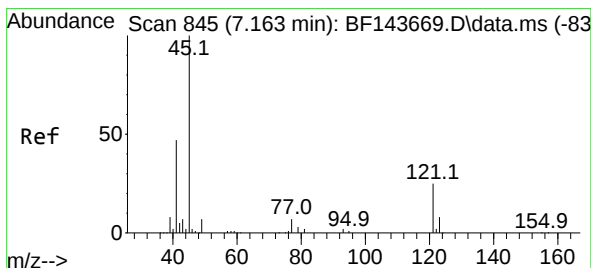
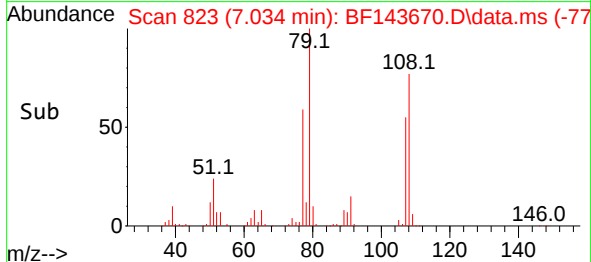
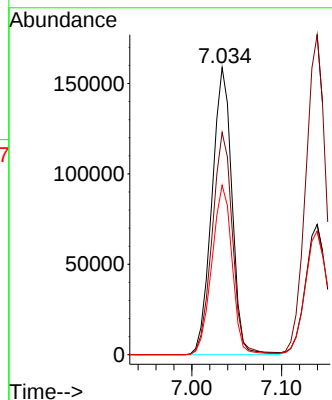
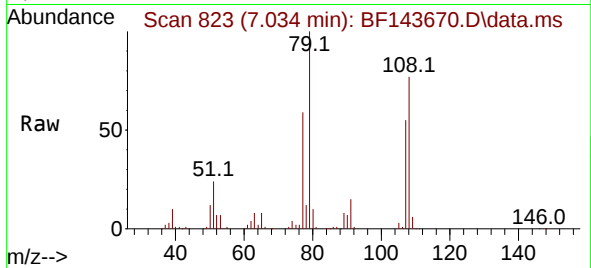




#15
Benzyl Alcohol
Concen: 48.469 ng
RT: 7.034 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

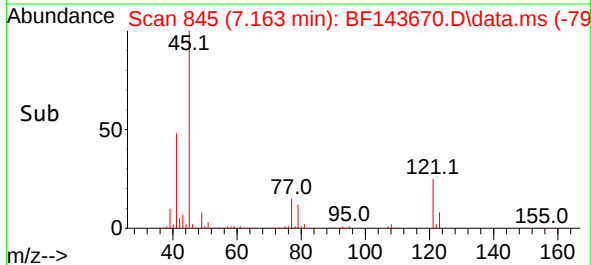
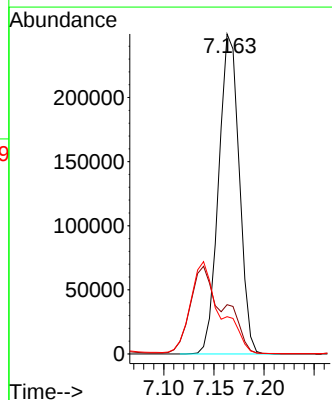
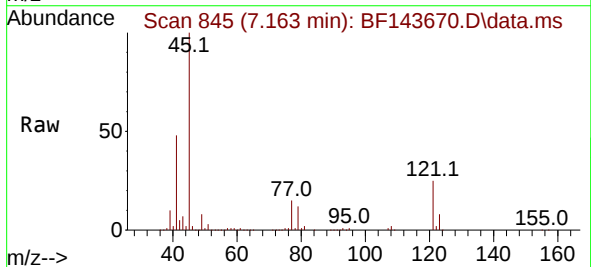
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

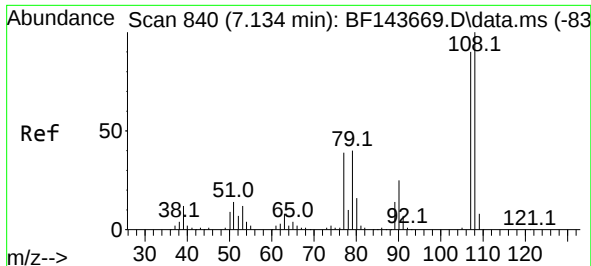
Tgt Ion: 79 Resp: 246788
Ion Ratio Lower Upper
79 100
108 77.4 62.2 93.2
77 59.0 48.0 72.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.601 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion: 45 Resp: 355662
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 11.6 0.0 31.1

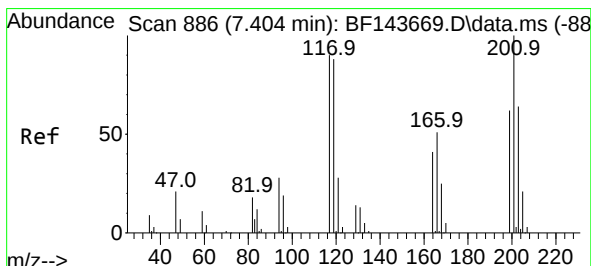
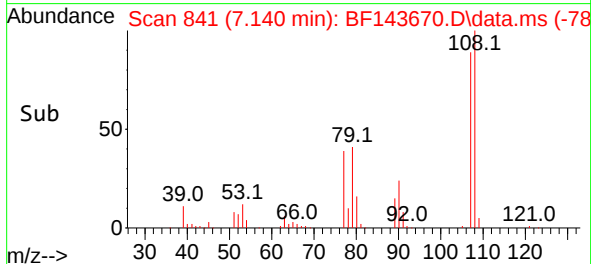
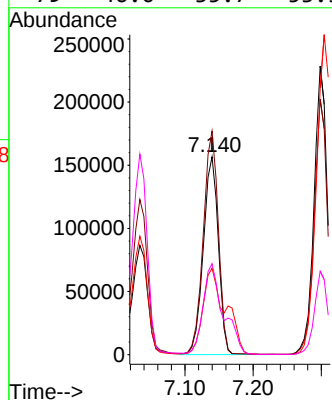
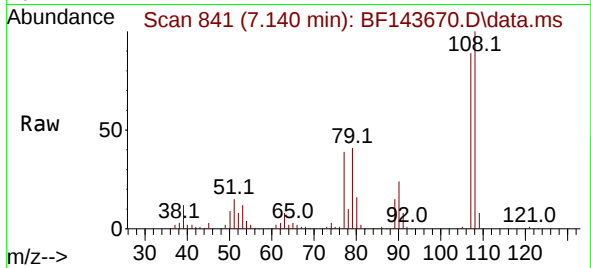




#17
2-Methylphenol
Concen: 48.094 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

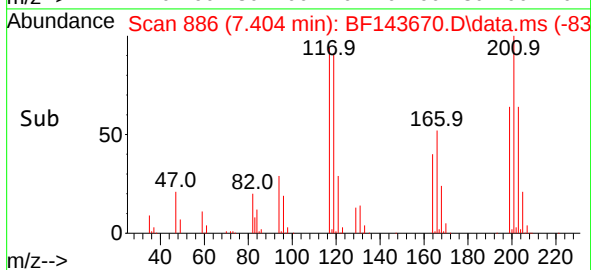
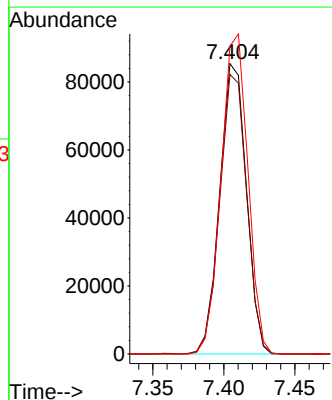
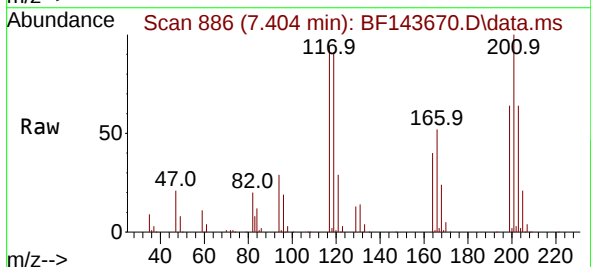
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

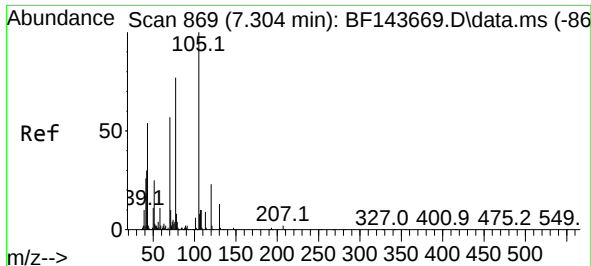
Tgt Ion:	107	Resp:	241054
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.1	133.7
77	43.7	34.8	52.2
79	46.0	35.7	53.5



#18
Hexachloroethane
Concen: 48.697 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:	117	Resp:	111606
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5
201	106.0	88.8	133.2

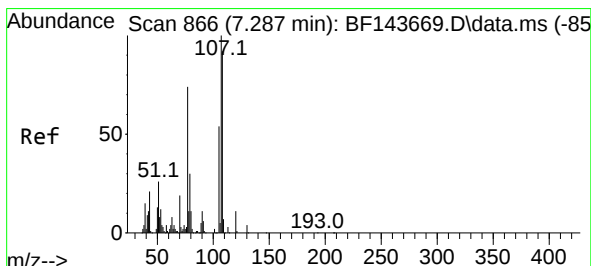
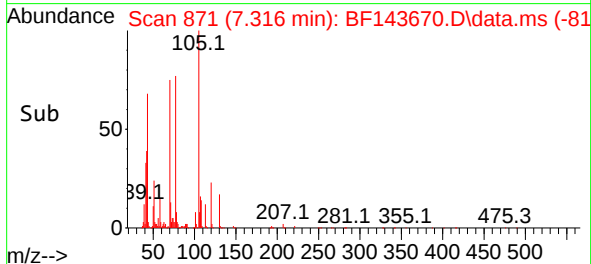
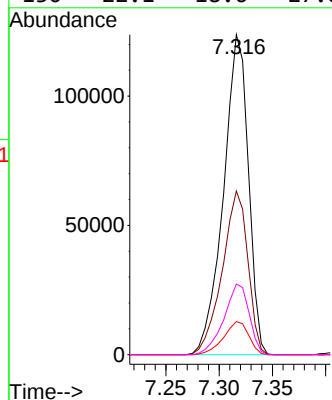
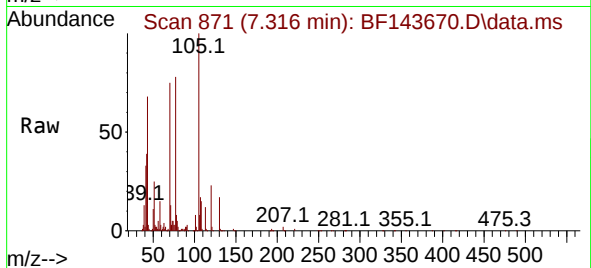




#19
n-Nitroso-di-n-propylamine
Concen: 46.958 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

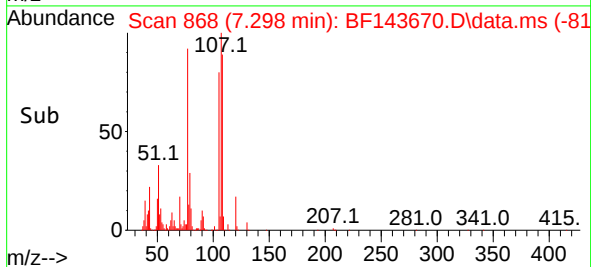
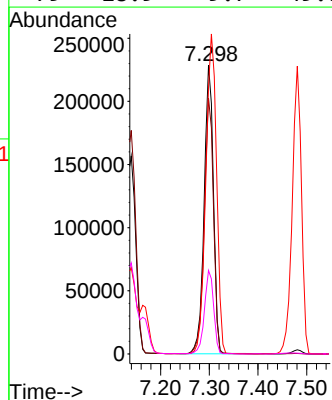
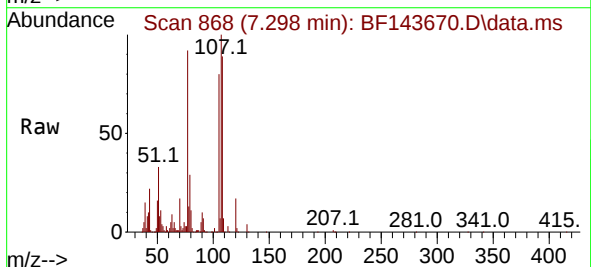
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

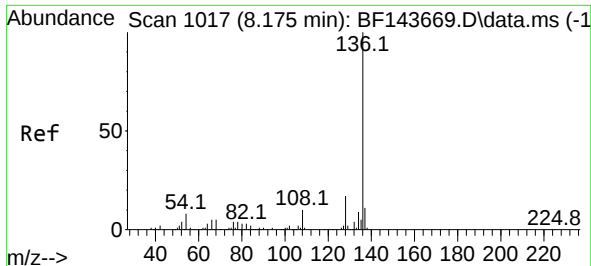
Tgt Ion: 70 Resp: 200895
Ion Ratio Lower Upper
70 100
42 51.2 42.1 63.1
101 10.4 8.2 12.4
130 22.1 18.6 27.8



#20
3+4-Methylphenols
Concen: 47.125 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:107 Resp: 303487
Ion Ratio Lower Upper
107 100
108 88.6 72.2 112.2
77 92.4 53.7 93.7
79 28.9 9.7 49.7

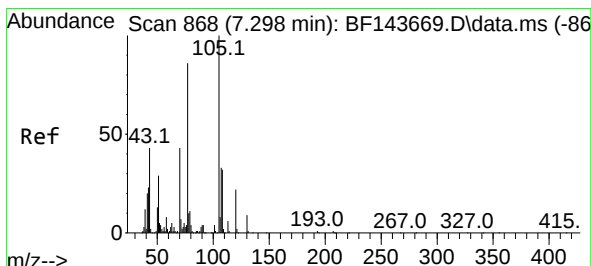
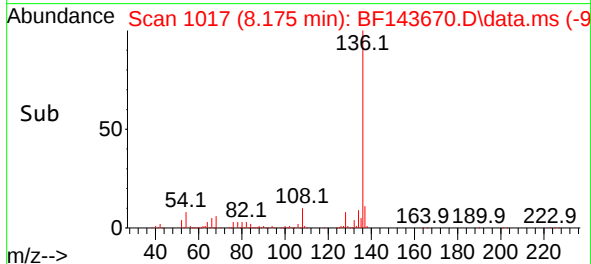
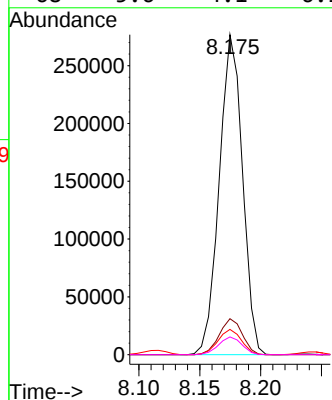
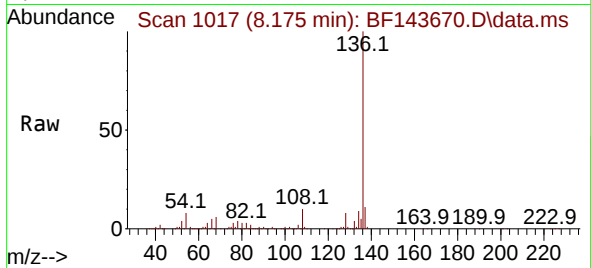




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

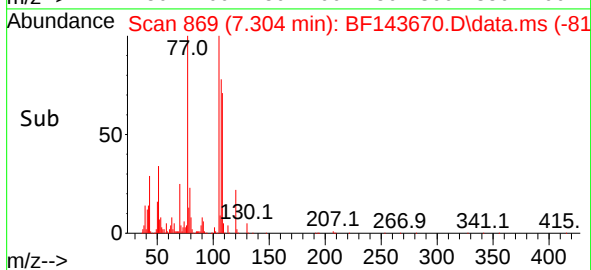
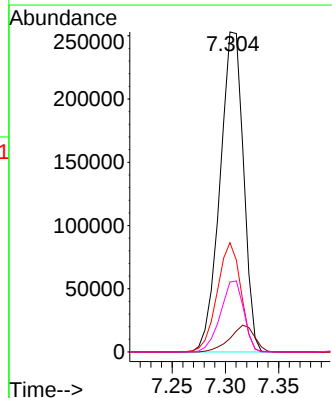
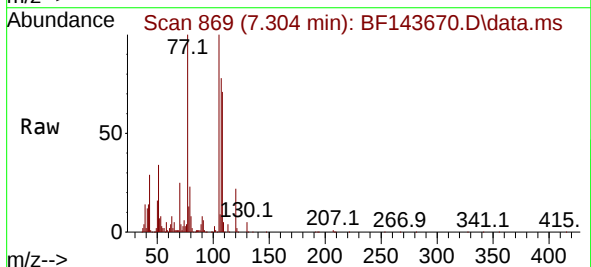
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

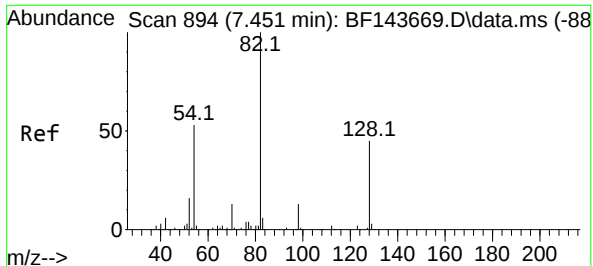
Tgt Ion:136 Resp: 367625
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.9 6.4 9.6
68 5.6 4.1 6.1



#22
Acetophenone
Concen: 47.028 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:105 Resp: 388426
Ion Ratio Lower Upper
105 100
71 4.2 5.8 8.8#
51 34.2 22.9 34.3
120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 98.991 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.012 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

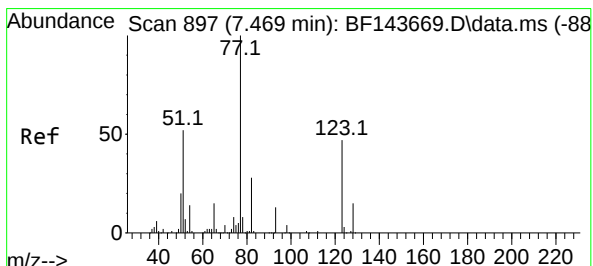
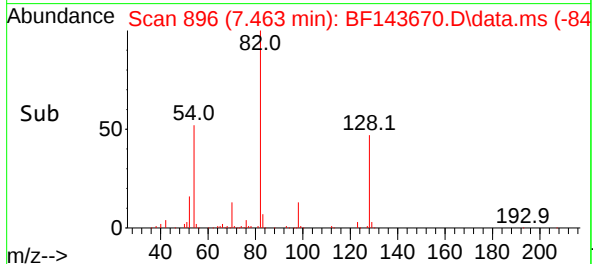
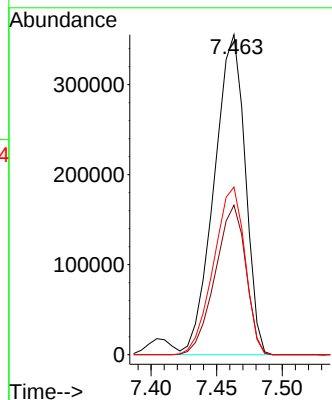
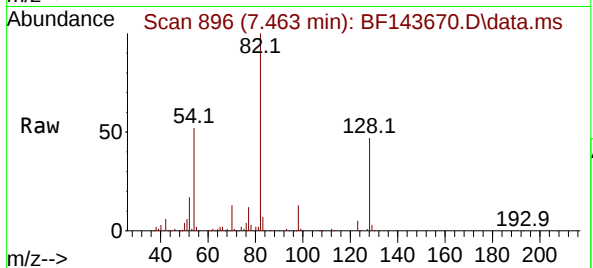
Tgt Ion: 82 Resp: 584502

Ion Ratio Lower Upper

82 100

128 46.7 36.0 54.0

54 52.4 41.9 62.9



#24

Nitrobenzene

Concen: 49.141 ng

RT: 7.481 min Scan# 899

Delta R.T. 0.012 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

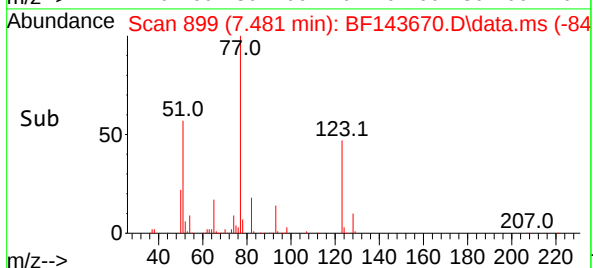
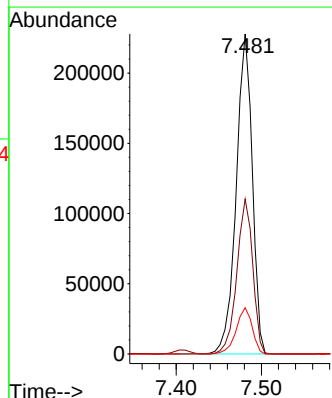
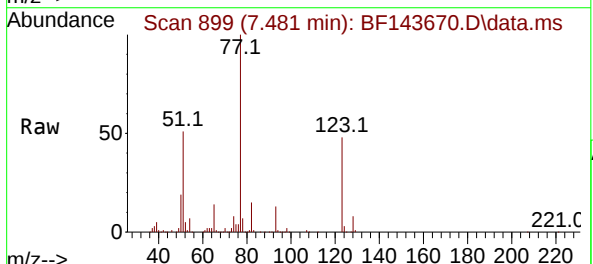
Tgt Ion: 77 Resp: 298631

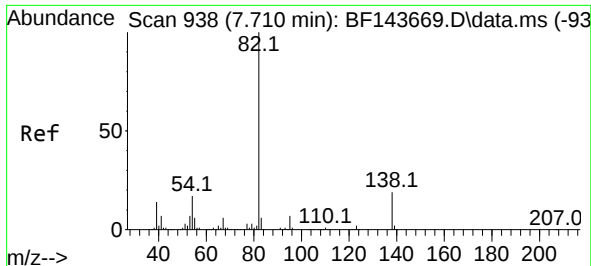
Ion Ratio Lower Upper

77 100

123 48.4 37.5 56.3

65 14.5 11.7 17.5

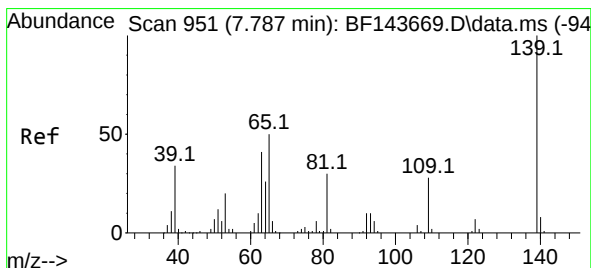
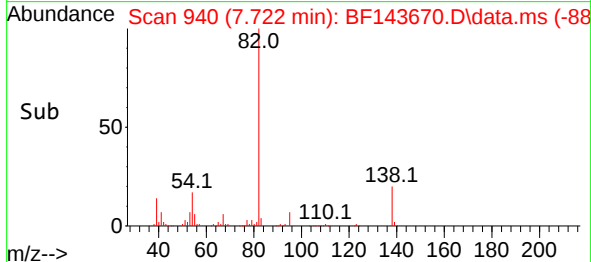
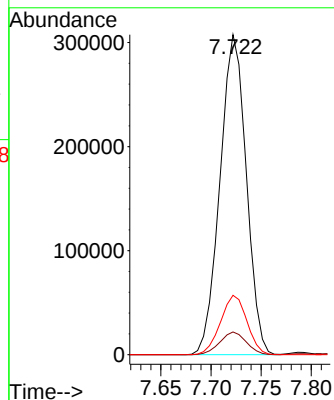
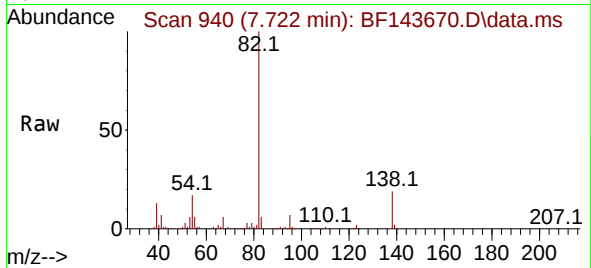




#25
Isophorone
Concen: 49.016 ng
RT: 7.722 min Scan# 940
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

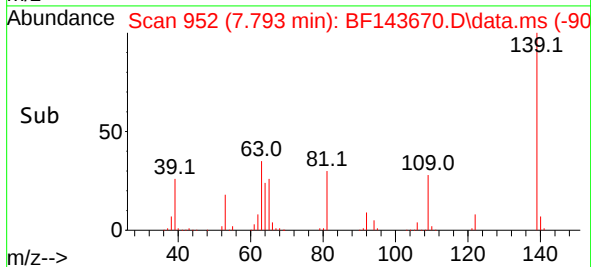
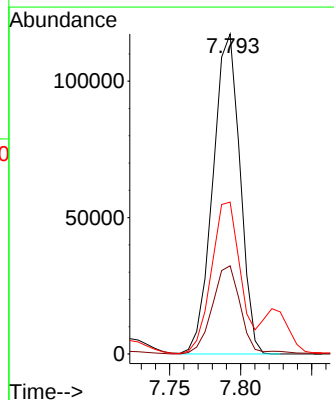
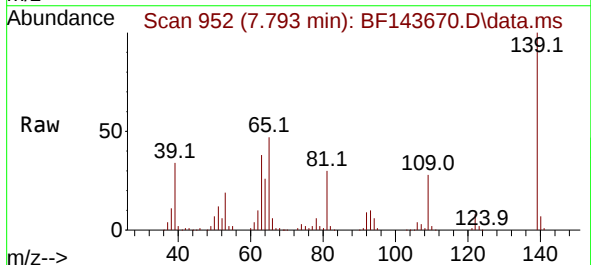
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

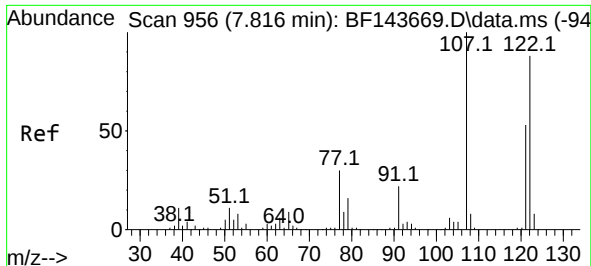
Tgt Ion: 82 Resp: 560951
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.6 15.4 23.2



#26
2-Nitrophenol
Concen: 53.316 ng
RT: 7.793 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion: 139 Resp: 155916
Ion Ratio Lower Upper
139 100
109 27.6 22.5 33.7
65 47.4 39.7 59.5

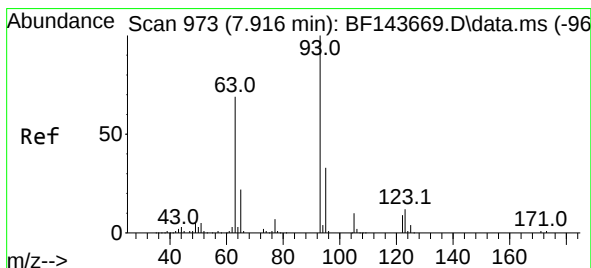
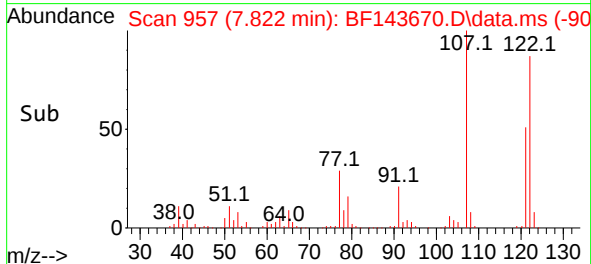
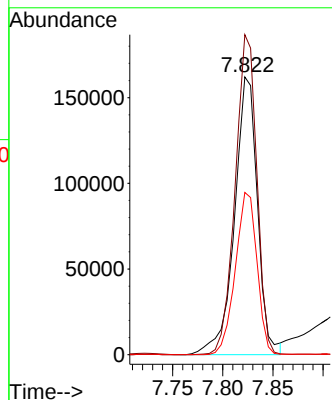
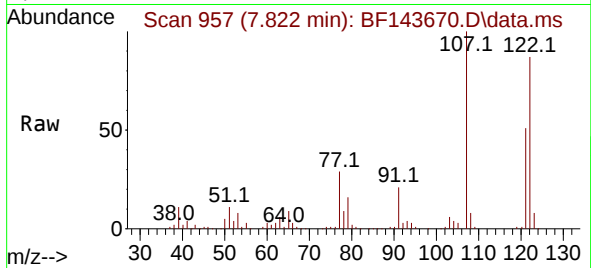




#27
2,4-Dimethylphenol
Concen: 48.350 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

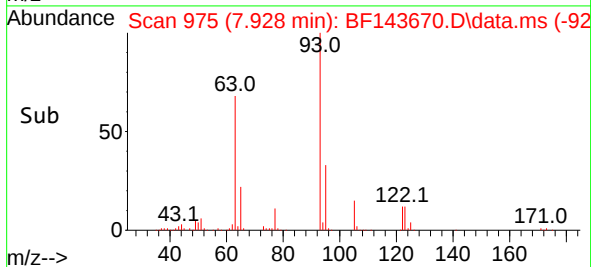
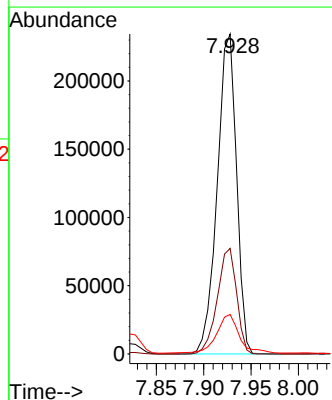
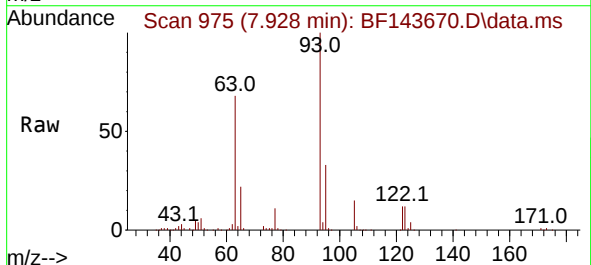
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

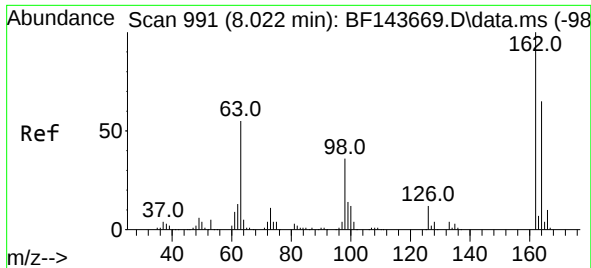
Tgt Ion:122 Resp: 259350
Ion Ratio Lower Upper
122 100
107 115.2 90.8 136.2
121 58.4 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.530 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion: 93 Resp: 332295
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 49.264 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

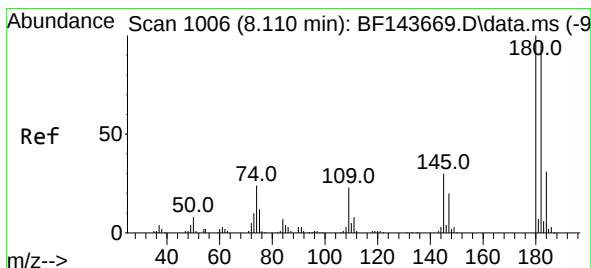
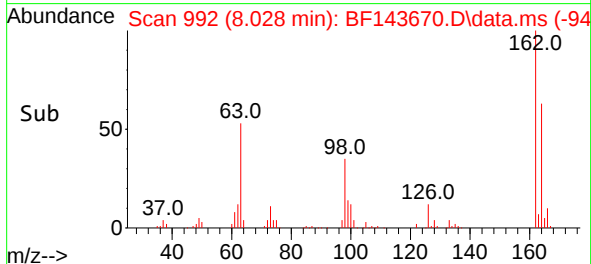
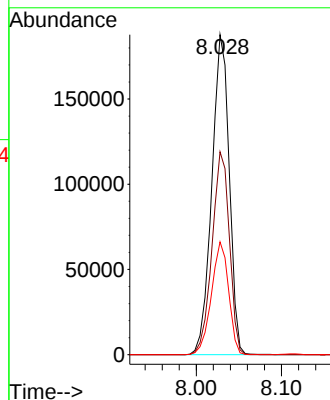
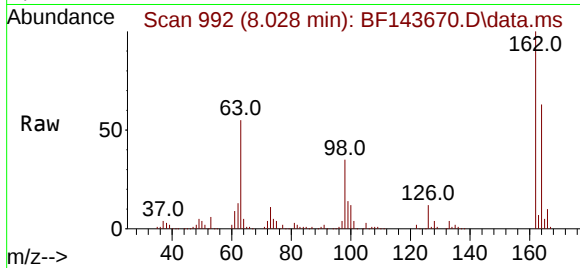
Tgt Ion:162 Resp: 266324

Ion Ratio Lower Upper

162 100

164 63.4 45.0 85.0

98 35.2 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 48.434 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

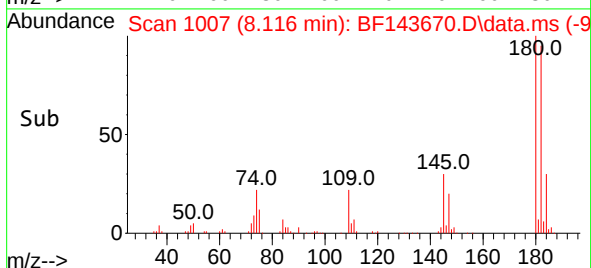
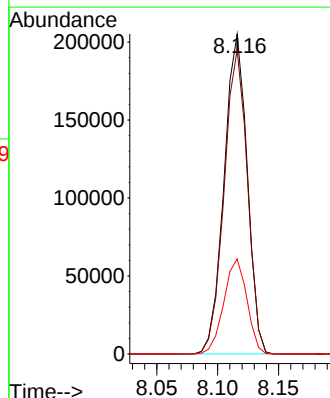
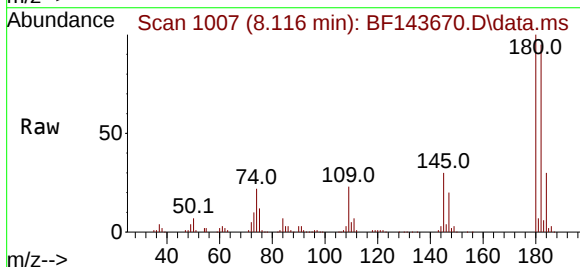
Tgt Ion:180 Resp: 271134

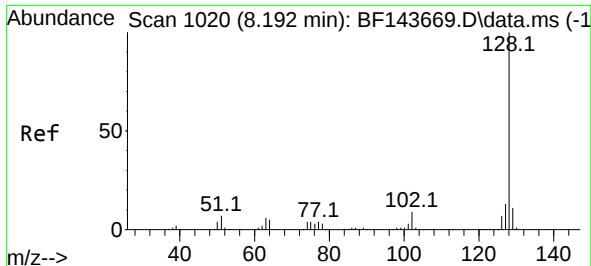
Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.4

145 29.7 23.8 35.6

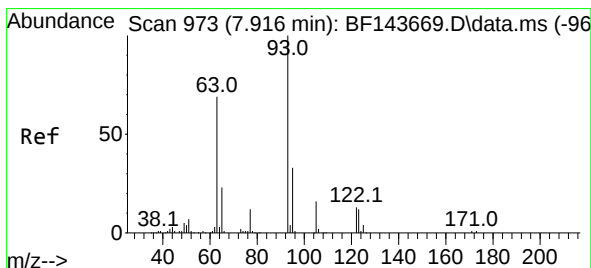
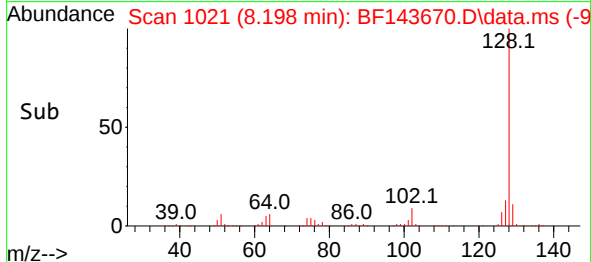
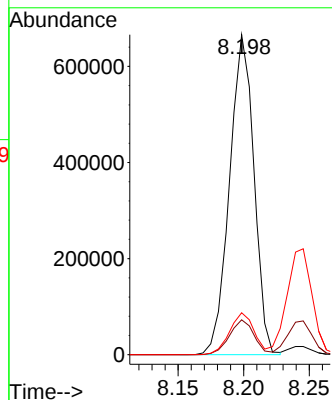
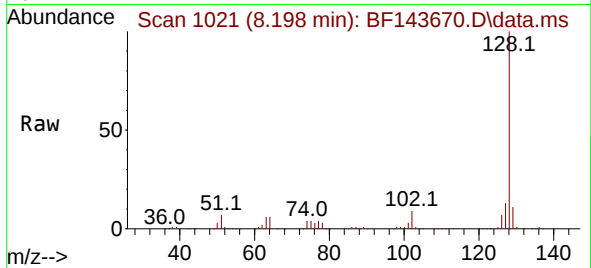




#31
Naphthalene
Concen: 47.783 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

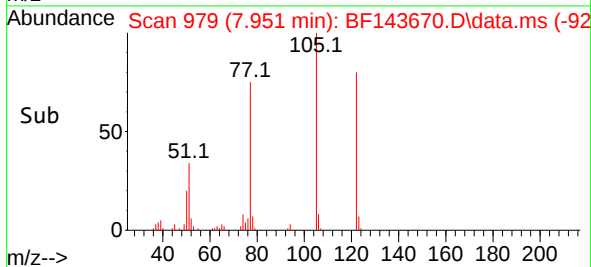
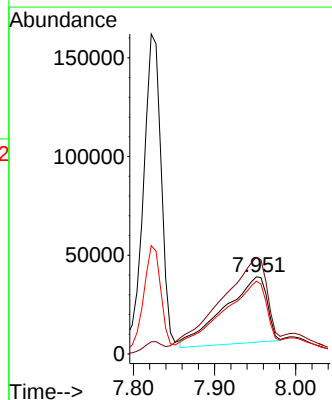
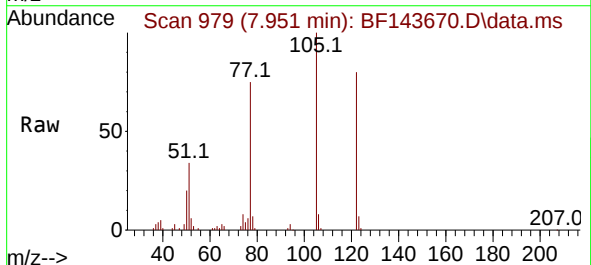
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

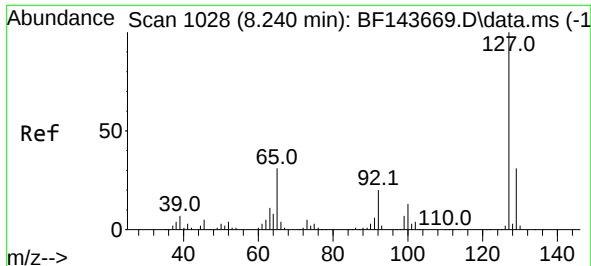
Tgt Ion:128 Resp: 863873
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 36.883 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.035 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:122 Resp: 123290
Ion Ratio Lower Upper
122 100
105 125.3 100.3 140.3
77 94.3 67.6 107.6

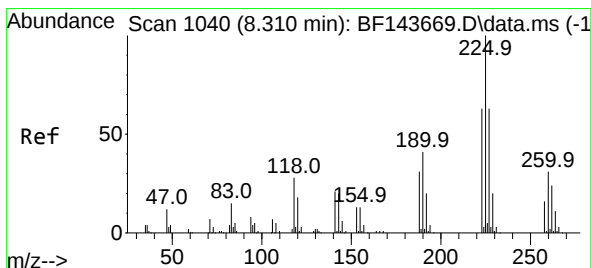
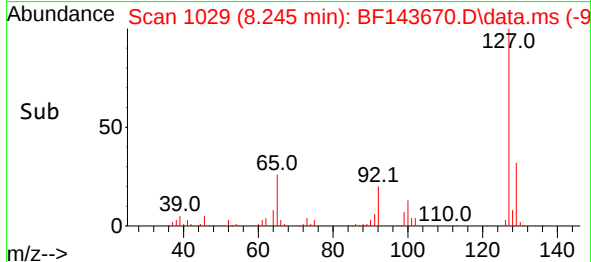
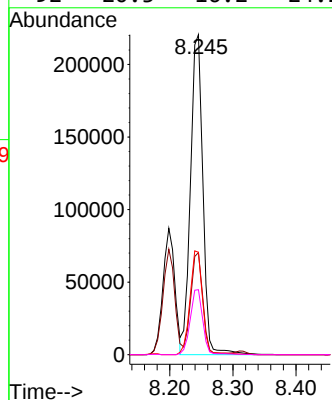
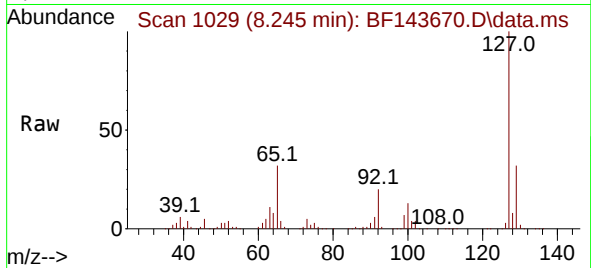




#33
4-Chloroaniline
Concen: 47.801 ng
RT: 8.245 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

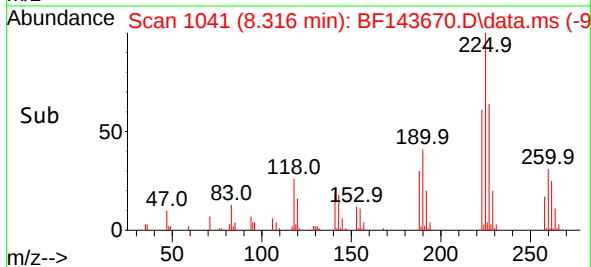
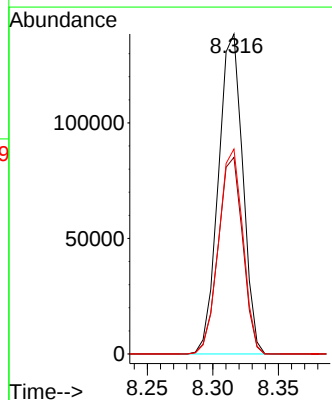
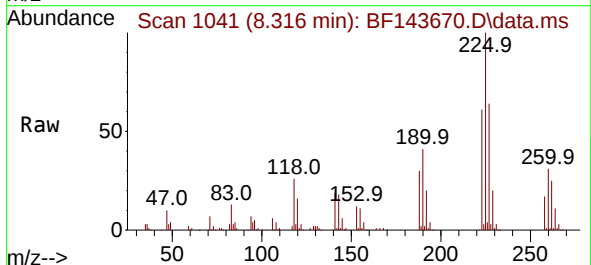
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

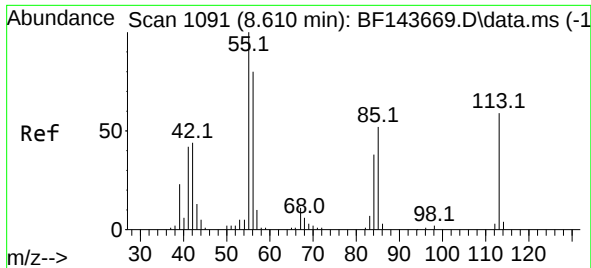
Tgt Ion:127	Resp: 303003
Ion Ratio	Lower Upper
127 100	
129 31.9	25.1 37.7
65 32.0	25.0 37.6
92 20.3	16.2 24.2



#34
Hexachlorobutadiene
Concen: 48.670 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:225	Resp: 178918
Ion Ratio	Lower Upper
225 100	
223 61.4	50.7 76.1
227 64.1	50.4 75.6

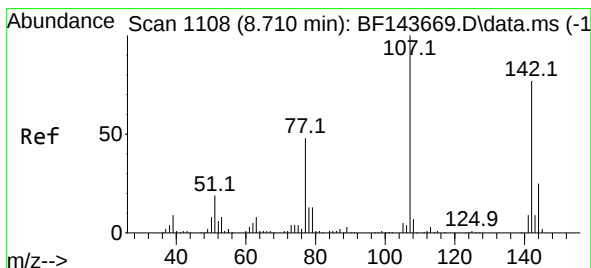
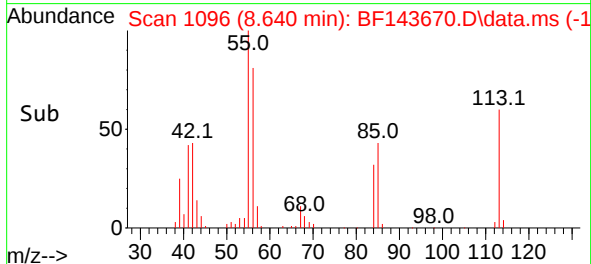
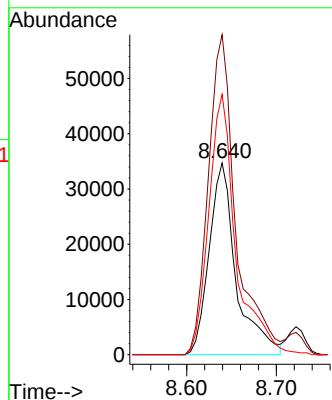
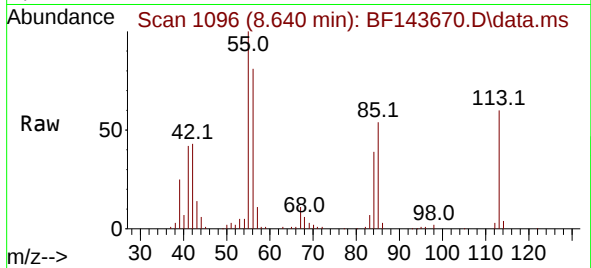




#35
Caprolactam
Concen: 48.831 ng
RT: 8.640 min Scan# 1109
Delta R.T. 0.029 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

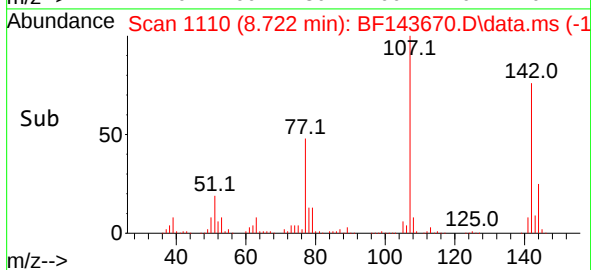
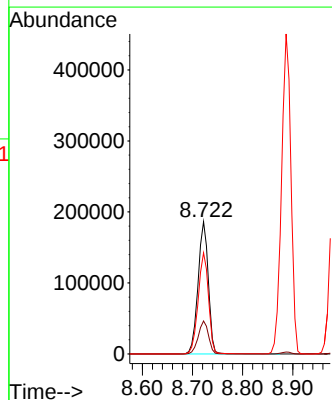
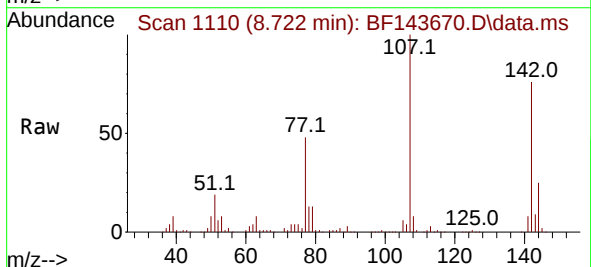
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

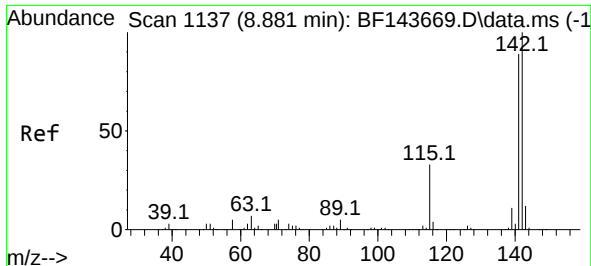
Tgt Ion:113 Resp: 72486
Ion Ratio Lower Upper
113 100
55 167.0 150.6 190.6
56 135.9 116.0 156.0



#36
4-Chloro-3-methylphenol
Concen: 48.866 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:107 Resp: 265019
Ion Ratio Lower Upper
107 100
144 24.9 19.6 29.4
142 76.4 61.8 92.8





#37

2-Methylnaphthalene

Concen: 47.324 ng

RT: 8.887 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

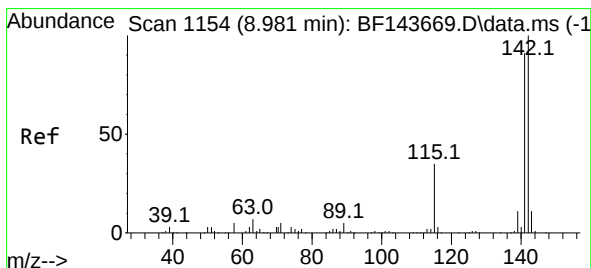
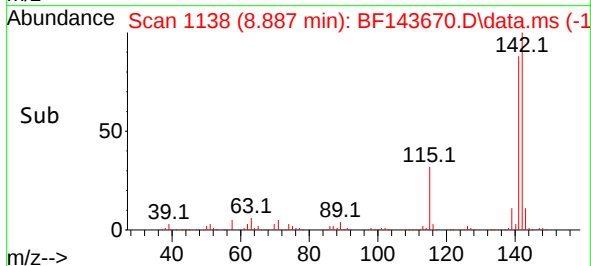
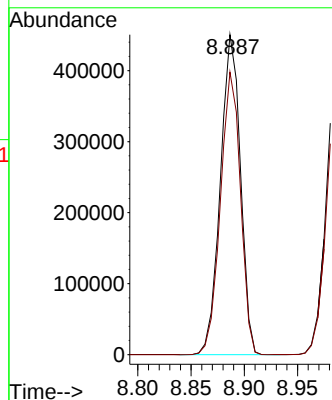
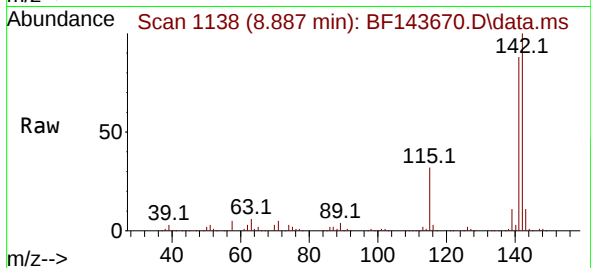
SSTDICC050

Tgt Ion:142 Resp: 589056

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.102 ng

RT: 8.987 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143670.D

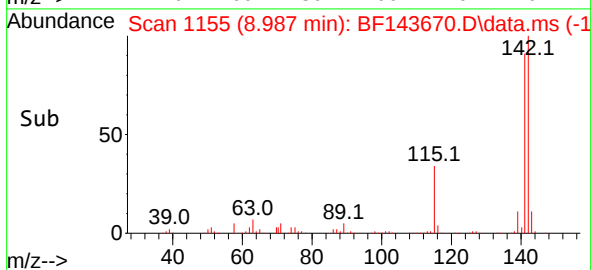
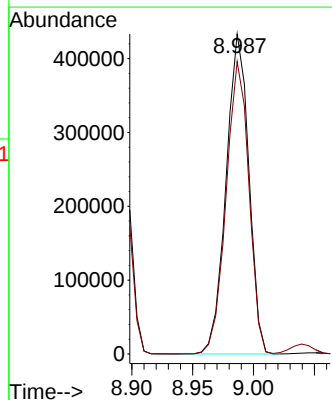
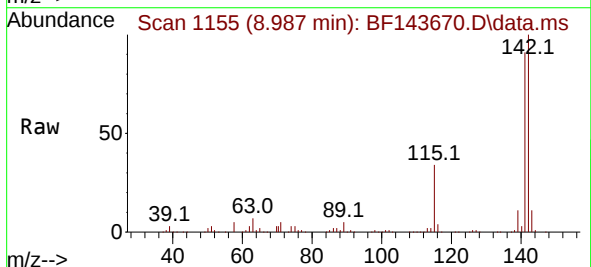
Acq: 08 Sep 2025 17:50

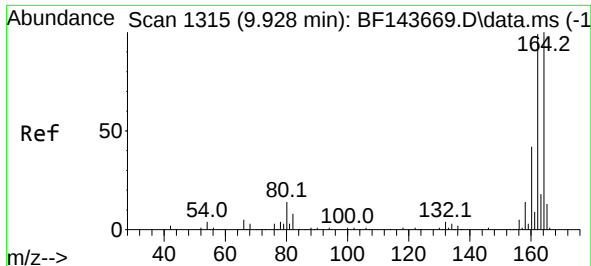
Tgt Ion:142 Resp: 561441

Ion Ratio Lower Upper

142 100

141 91.4 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

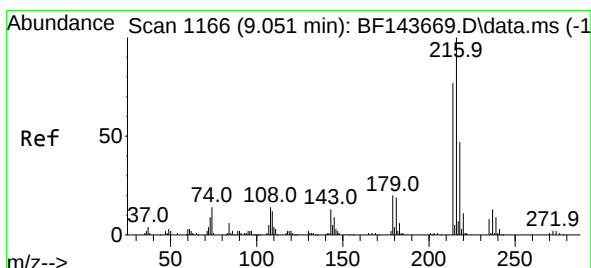
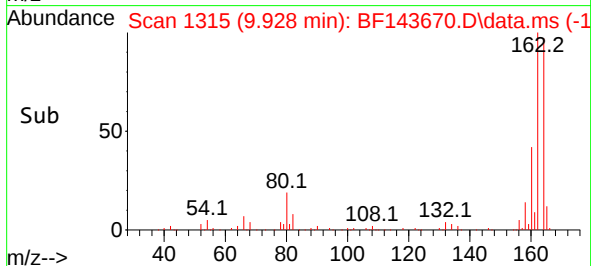
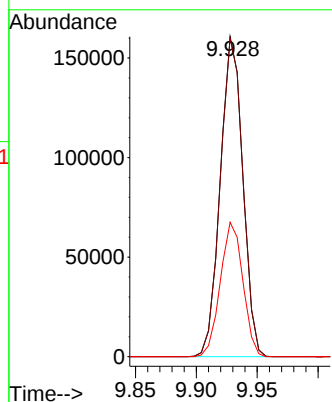
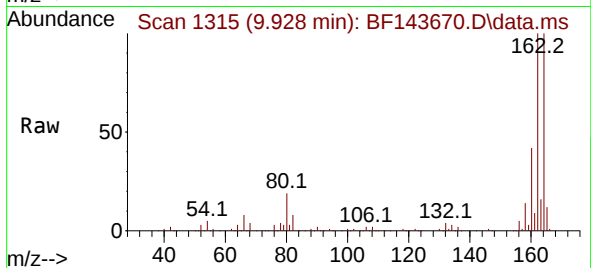
Tgt Ion:164 Resp: 206546

Ion Ratio Lower Upper

164 100

162 99.5 79.6 119.4

160 42.0 33.9 50.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.505 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Tgt Ion:216 Resp: 283891

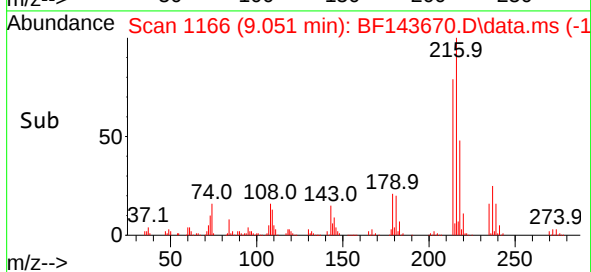
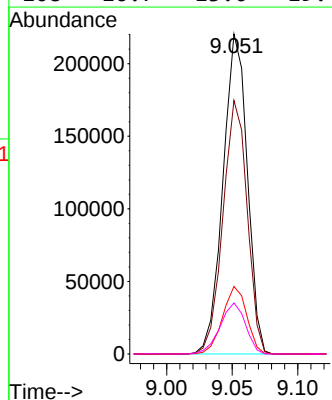
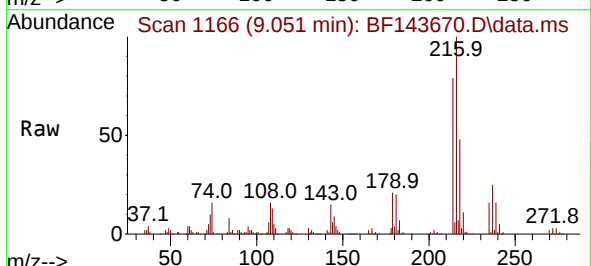
Ion Ratio Lower Upper

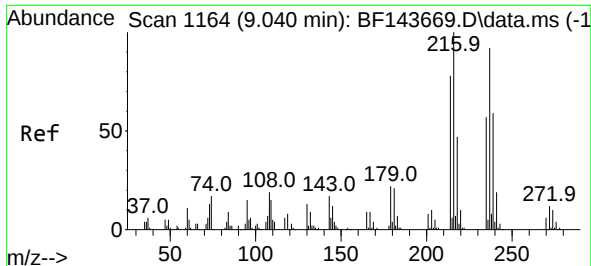
216 100

214 78.8 61.9 92.9

179 20.9 16.5 24.7

108 16.7 13.0 19.4

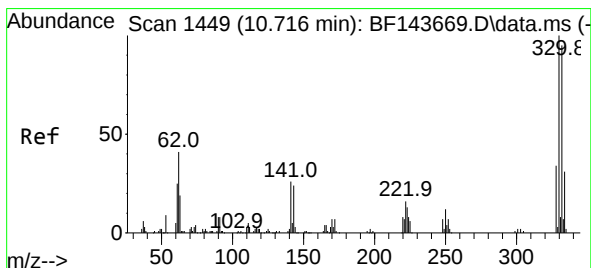
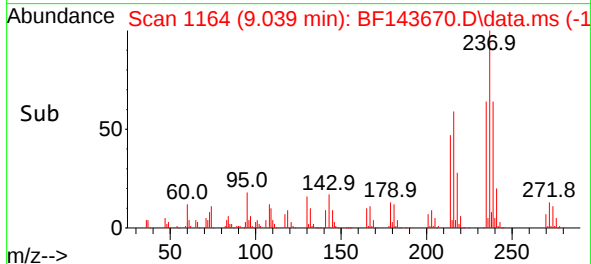
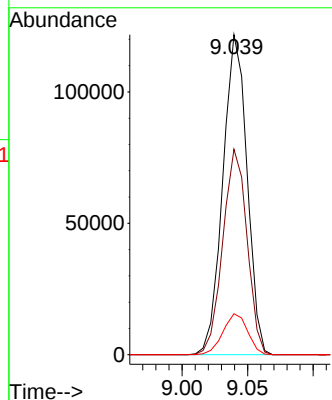
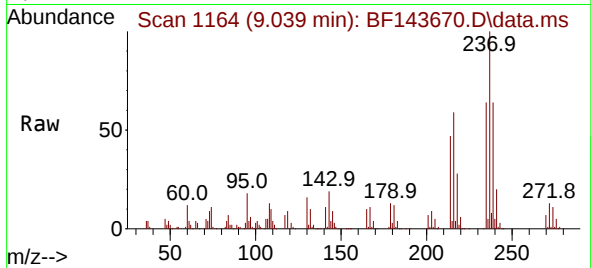




#41
Hexachlorocyclopentadiene
Concen: 51.110 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

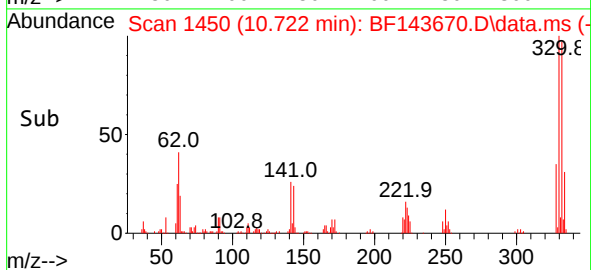
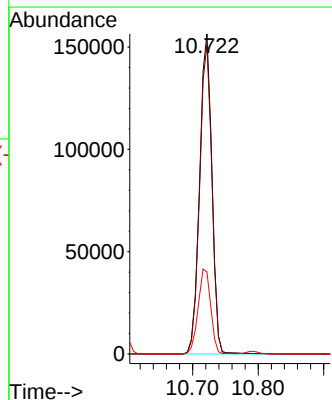
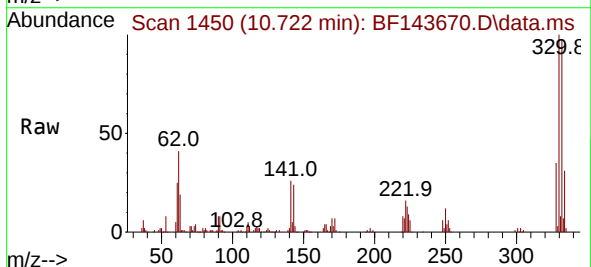
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

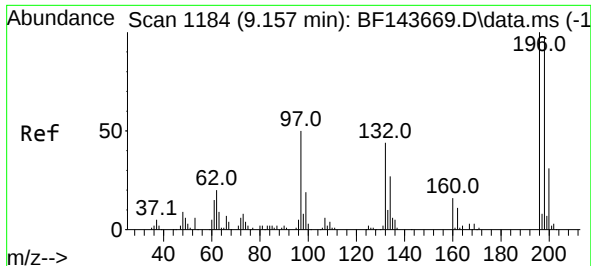
Tgt Ion:237 Resp: 156085
Ion Ratio Lower Upper
237 100
235 64.2 41.9 81.9
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 97.329 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:330 Resp: 203812
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.2
141 27.3 22.0 33.0





#43

2,4,6-Trichlorophenol

Concen: 50.926 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

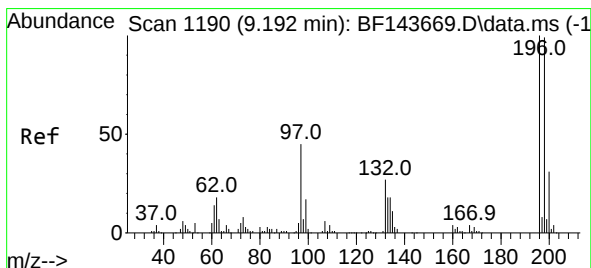
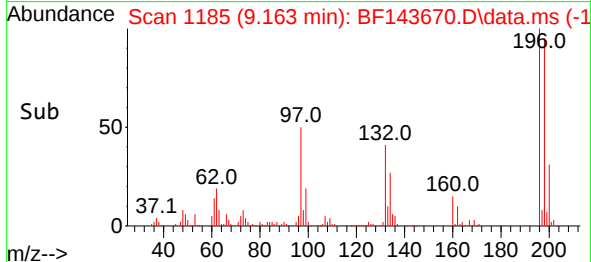
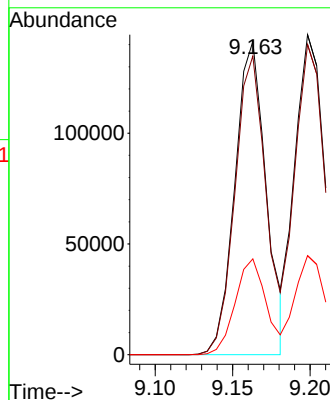
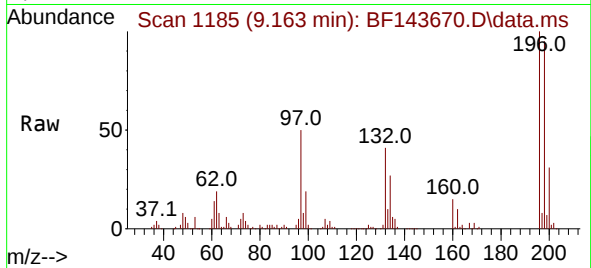
Tgt Ion:196 Resp: 197790

Ion Ratio Lower Upper

196 100

198 95.3 77.2 115.8

200 30.6 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 48.673 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Tgt Ion:196 Resp: 193931

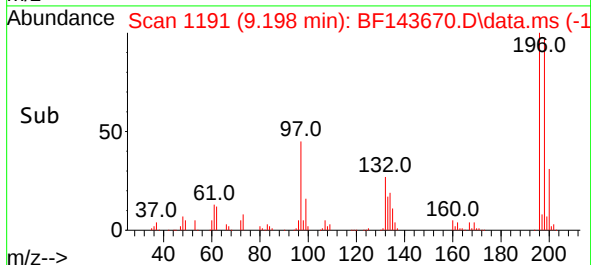
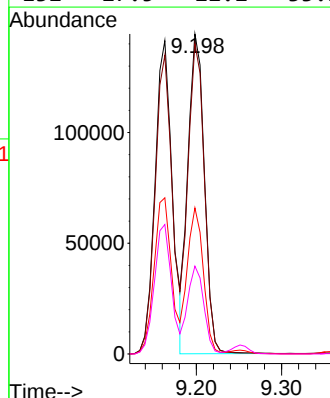
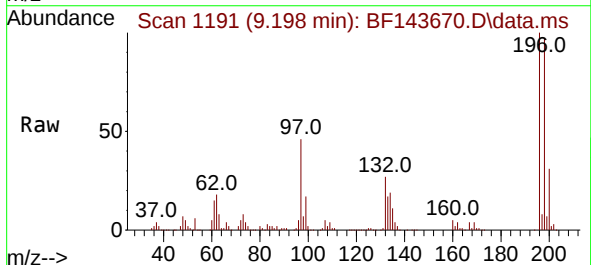
Ion Ratio Lower Upper

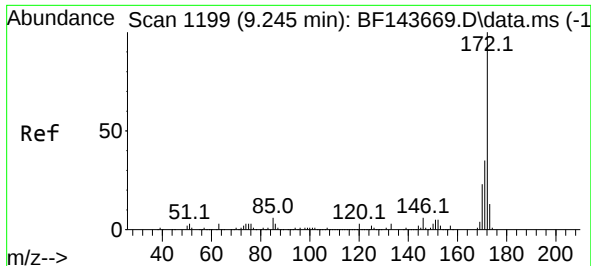
196 100

198 96.9 78.0 117.0

97 45.7 36.2 54.2

132 27.5 22.2 33.2

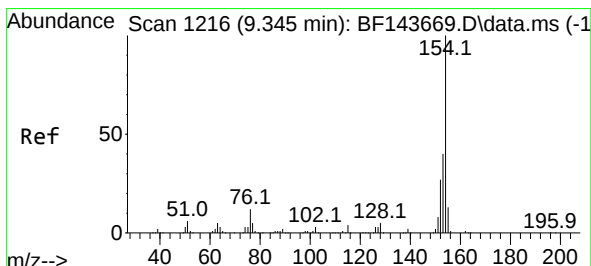
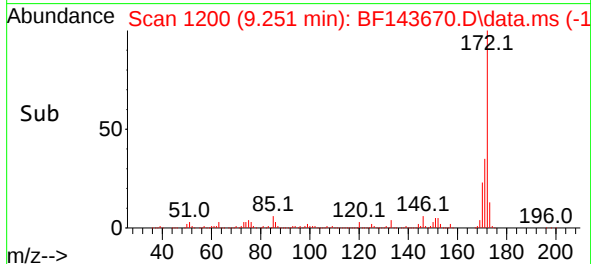
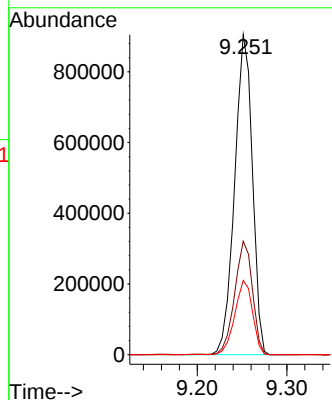
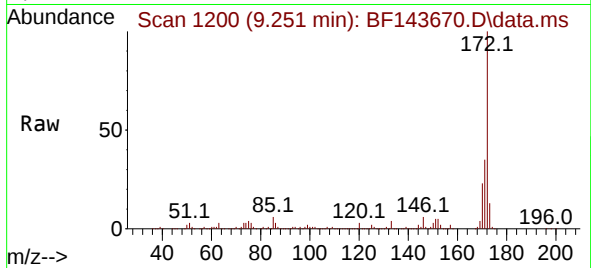




#45
2-Fluorobiphenyl
Concen: 93.909 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

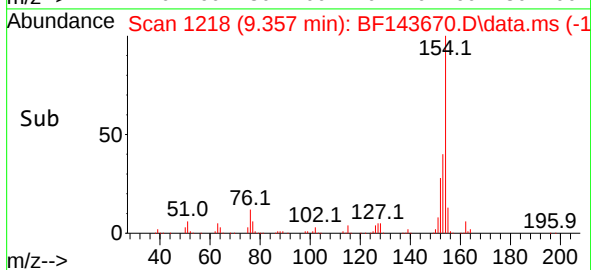
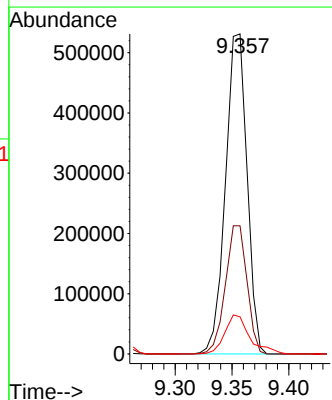
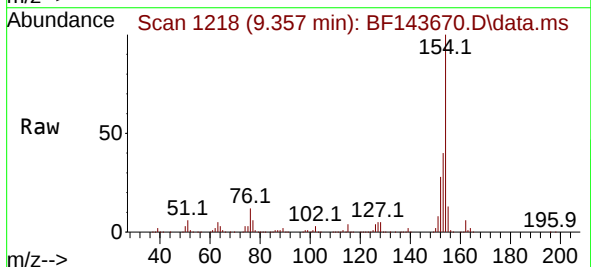
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

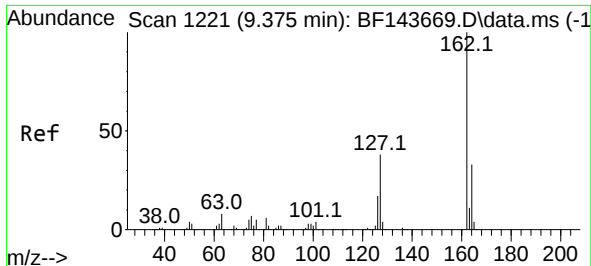
Tgt Ion:172 Resp: 1243890
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.112 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:154 Resp: 700394
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 11.6 0.0 32.0

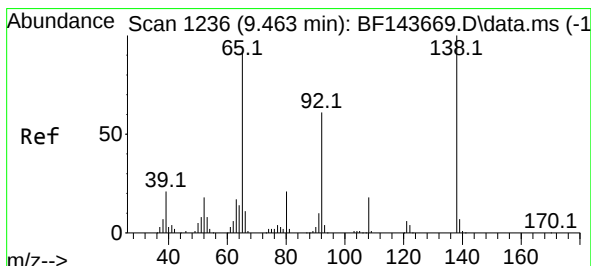
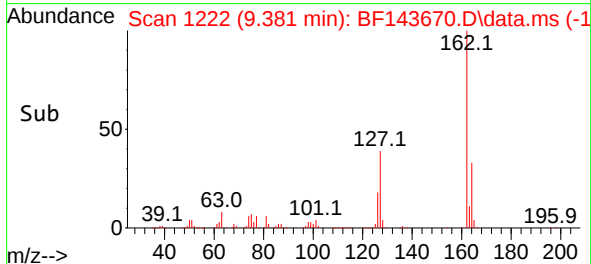
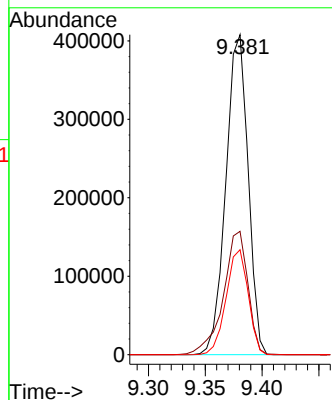
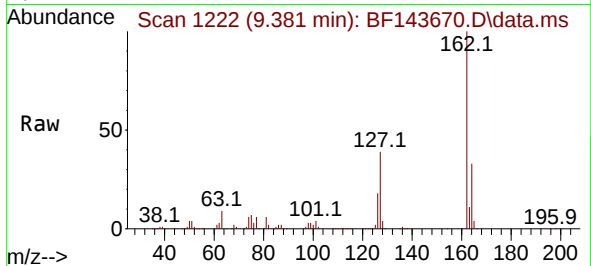




#47
2-Chloronaphthalene
Concen: 48.064 ng
RT: 9.381 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

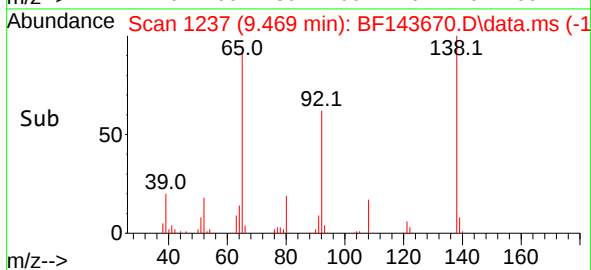
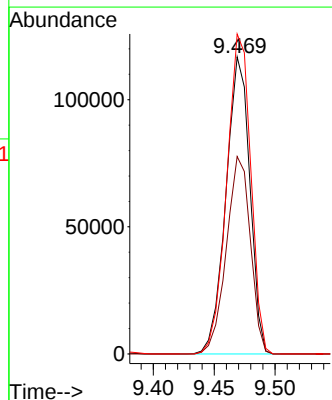
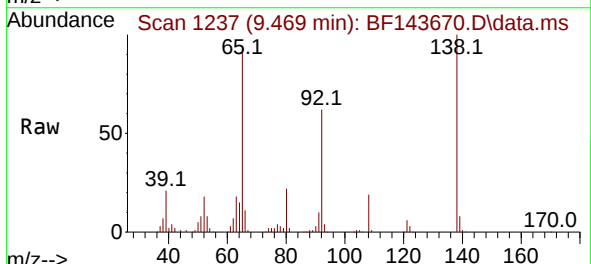
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

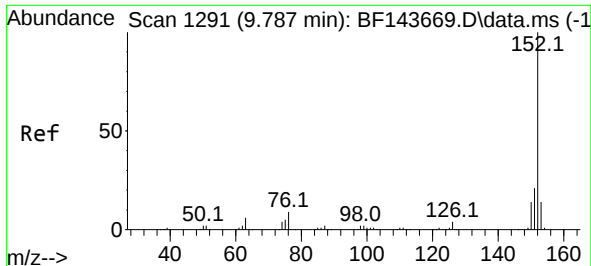
Tgt Ion:162 Resp: 555244
Ion Ratio Lower Upper
162 100
127 38.5 30.8 46.2
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 50.644 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion: 65 Resp: 159367
Ion Ratio Lower Upper
65 100
92 66.4 52.8 79.2
138 107.7 86.9 130.3





#49

Acenaphthylene

Concen: 47.740 ng

RT: 9.792 min Scan# 1292

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

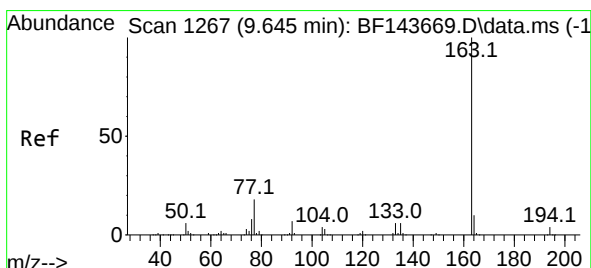
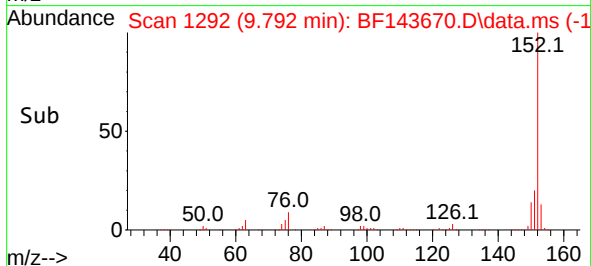
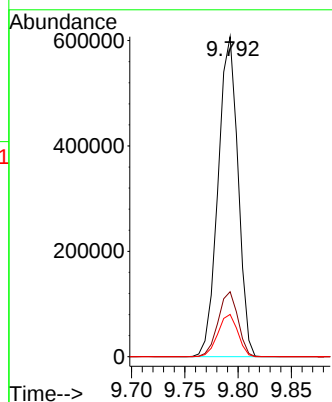
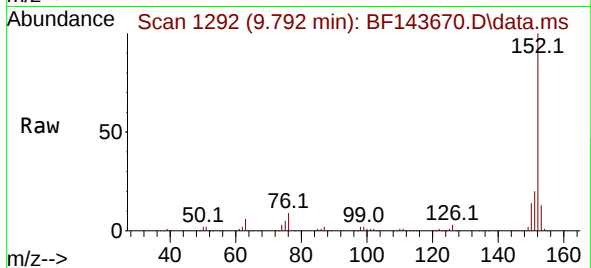
Tgt Ion:152 Resp: 788615

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 47.627 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

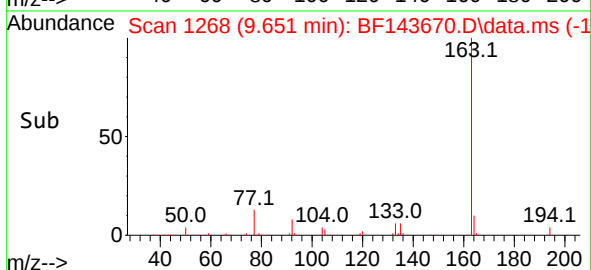
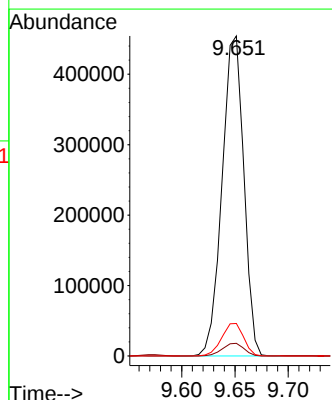
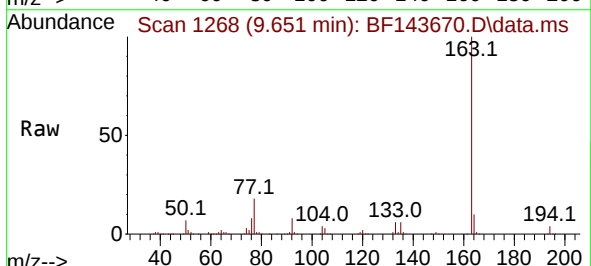
Tgt Ion:163 Resp: 643992

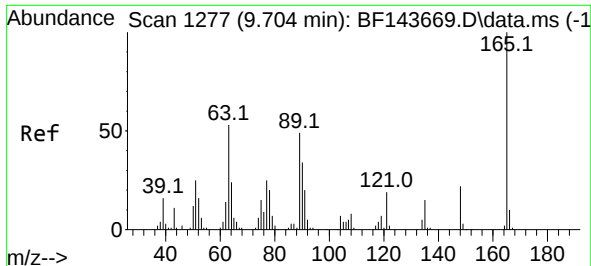
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 7.7 11.5

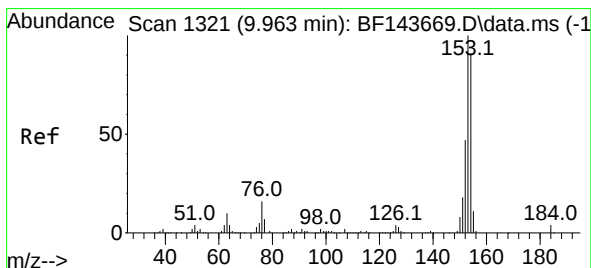
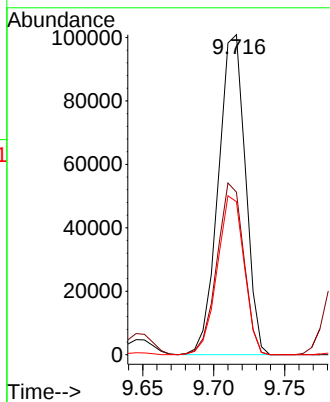
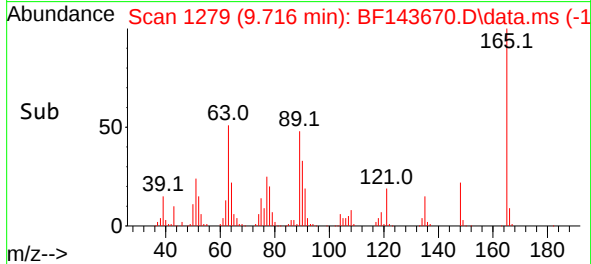
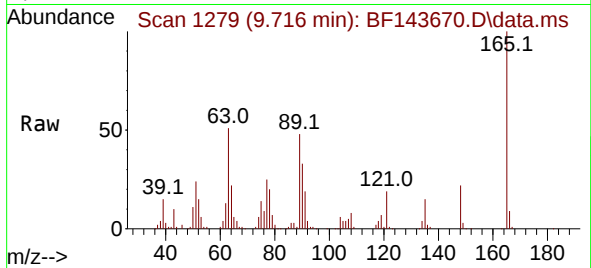




#51
2,6-Dinitrotoluene
Concen: 51.814 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

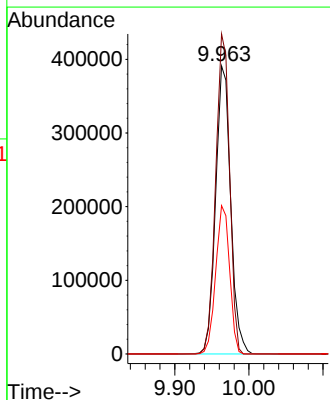
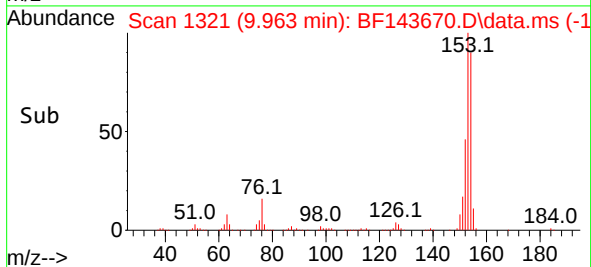
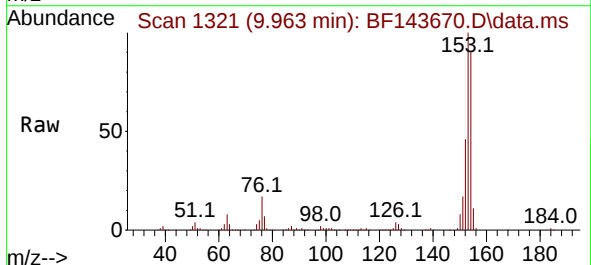
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

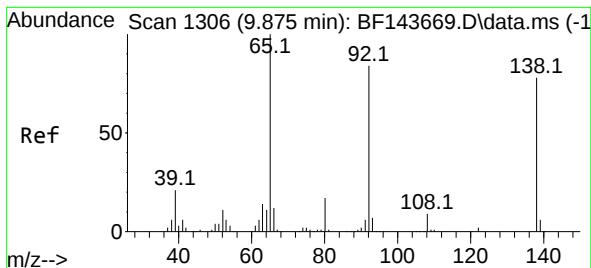
Tgt Ion:165 Resp: 133830
Ion Ratio Lower Upper
165 100
63 50.8 42.3 63.5
89 47.8 39.4 59.2



#52
Acenaphthene
Concen: 48.274 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:154 Resp: 550830
Ion Ratio Lower Upper
154 100
153 111.1 87.6 131.4
152 51.5 41.0 61.6





#53

3-Nitroaniline

Concen: 49.002 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

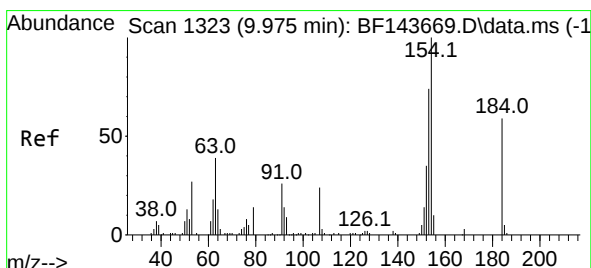
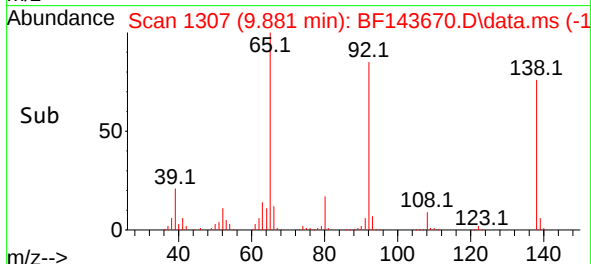
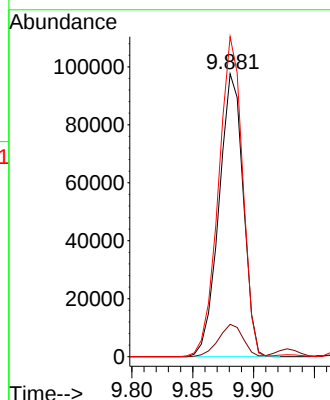
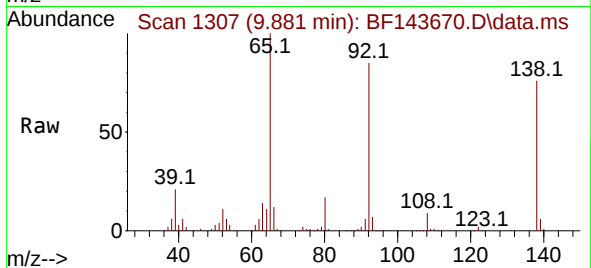
Tgt Ion:138 Resp: 135153

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

92 113.1 86.7 130.1



#54

2,4-Dinitrophenol

Concen: 50.218 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

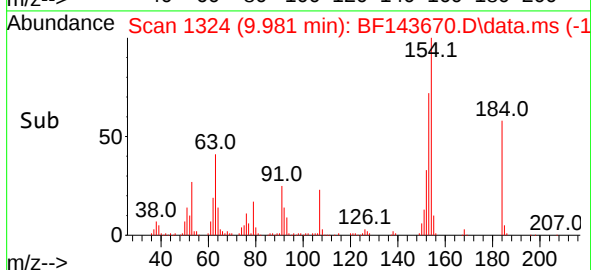
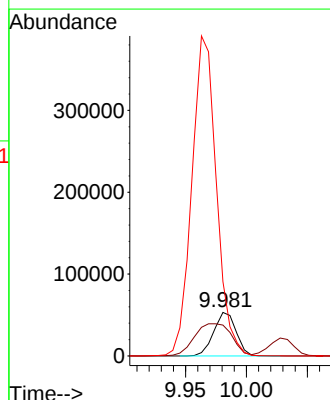
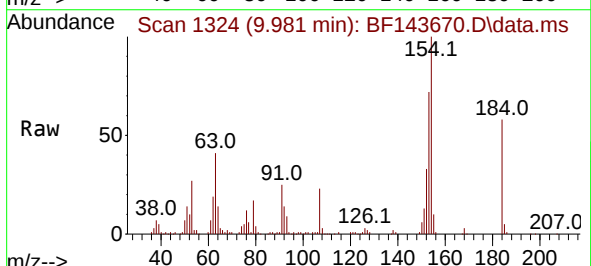
Tgt Ion:184 Resp: 68136

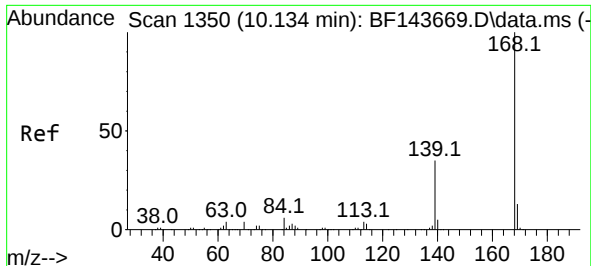
Ion Ratio Lower Upper

184 100

63 70.9 56.6 84.8

154 171.0 170.0 255.0

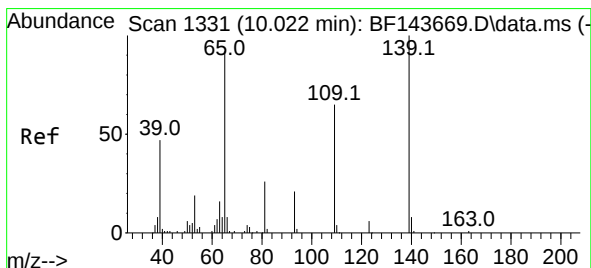
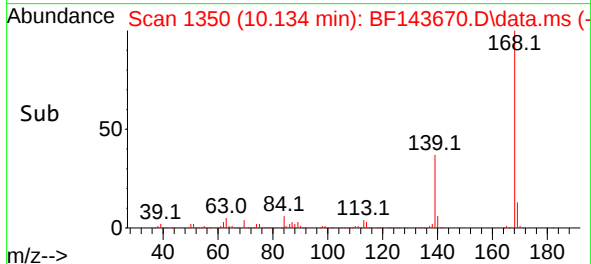
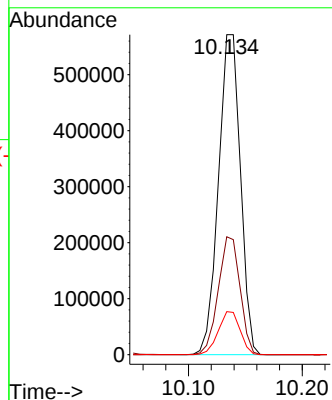
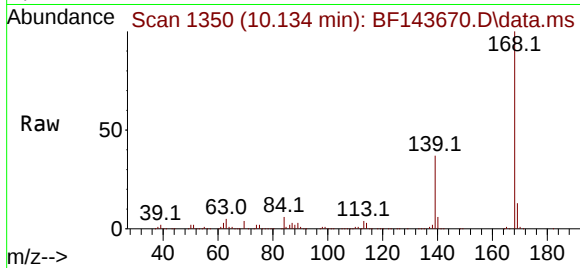




#55
Dibenzenofuran
Concen: 47.061 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

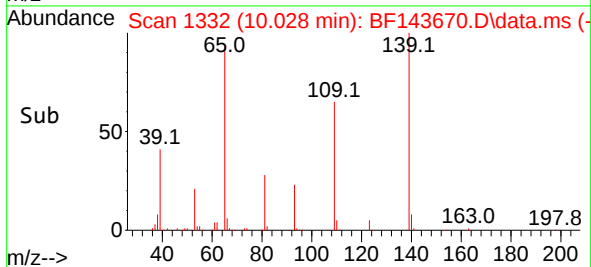
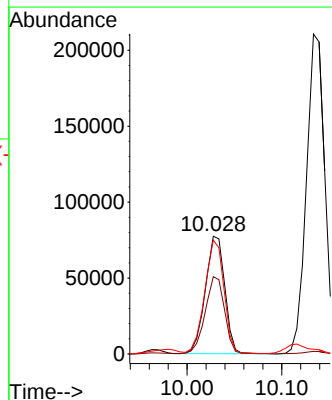
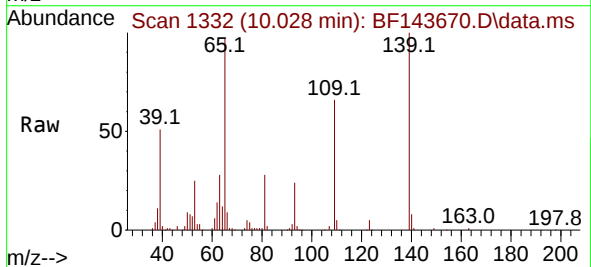
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

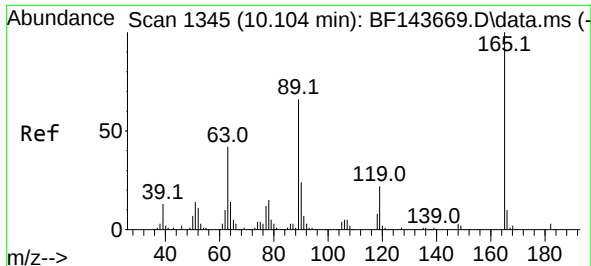
Tgt Ion:168 Resp: 769457
Ion Ratio Lower Upper
168 100
139 36.9 28.2 42.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 49.100 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:139 Resp: 110520
Ion Ratio Lower Upper
139 100
109 65.6 44.5 84.5
65 96.8 73.3 113.3

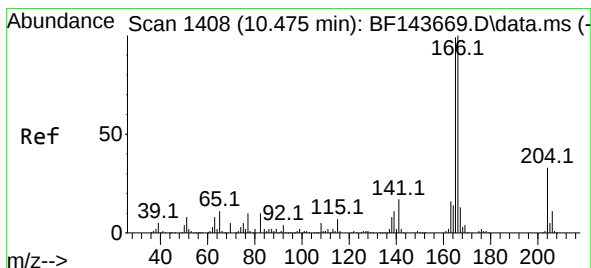
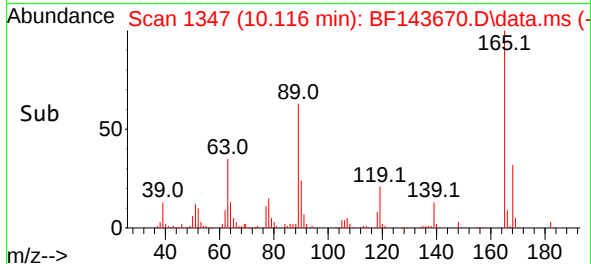
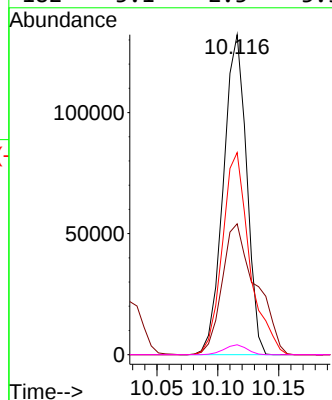
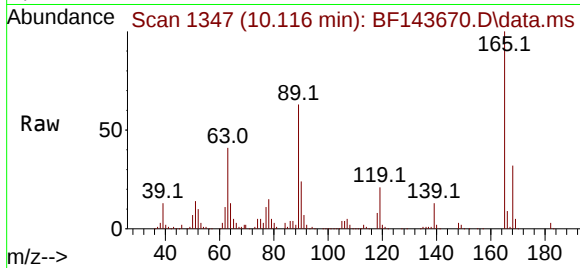




#57
2,4-Dinitrotoluene
Concen: 51.184 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

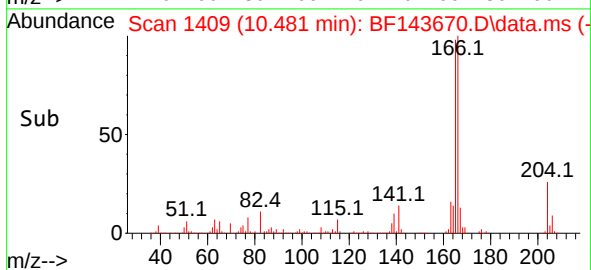
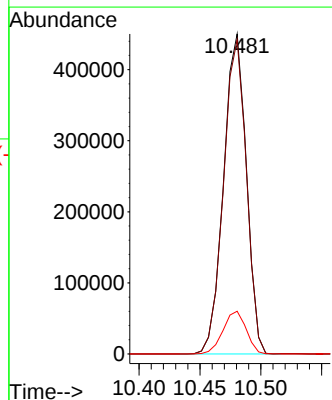
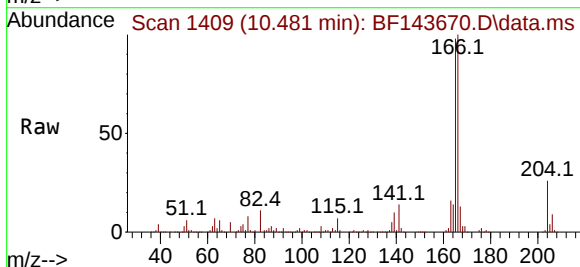
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

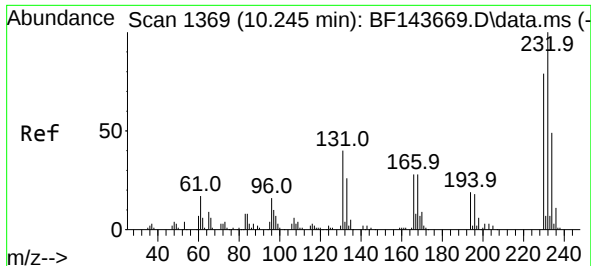
Tgt Ion:165 Resp: 175193
Ion Ratio Lower Upper
165 100
63 40.9 33.3 49.9
89 63.1 52.4 78.6
182 3.1 2.3 3.5



#58
Fluorene
Concen: 45.769 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:166 Resp: 586495
Ion Ratio Lower Upper
166 100
165 98.2 78.9 118.3
167 13.4 10.8 16.2

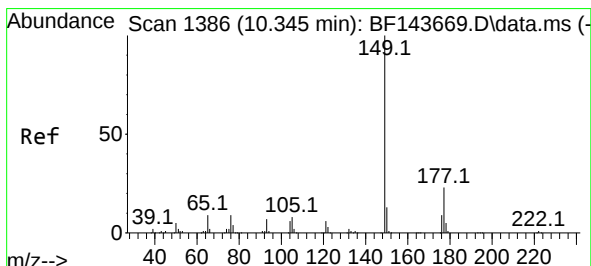
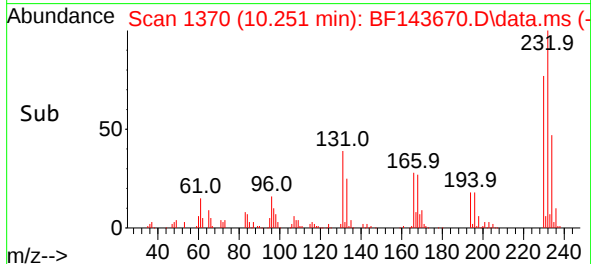
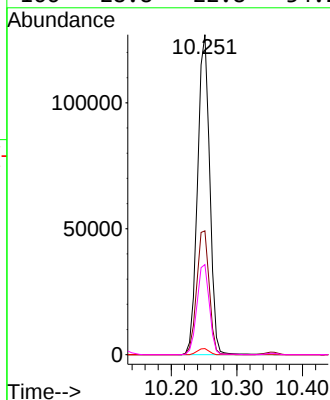
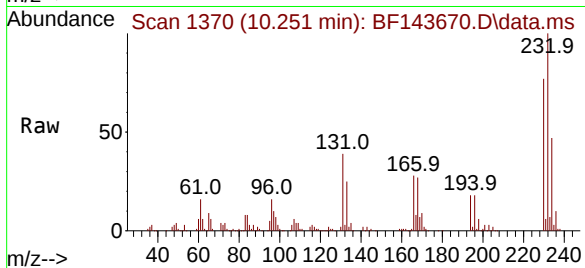




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.350 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

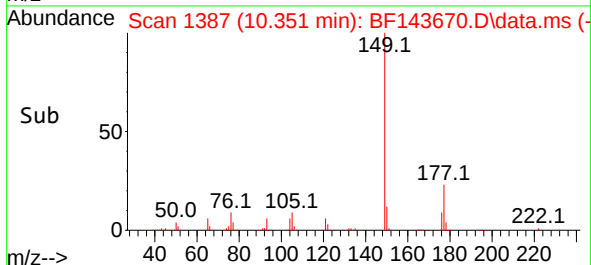
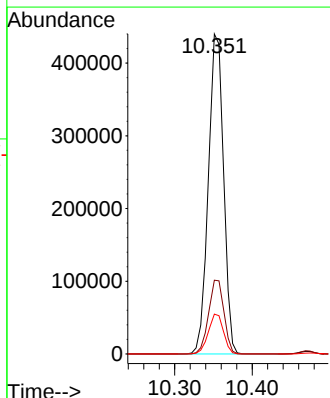
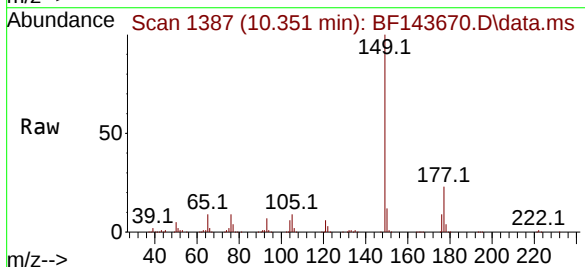
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

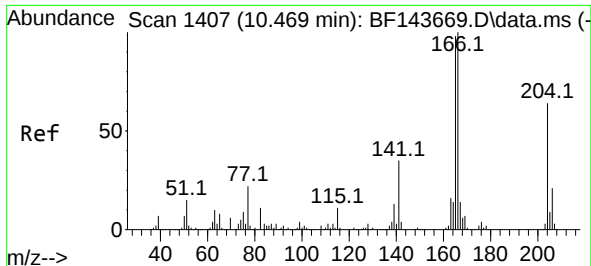
Tgt Ion:232 Resp: 164452
Ion Ratio Lower Upper
232 100
131 39.9 32.6 48.8
130 1.8 1.5 2.3
166 28.8 22.8 34.2



#60
Diethylphthalate
Concen: 47.196 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:149 Resp: 601040
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.4 10.2 15.4

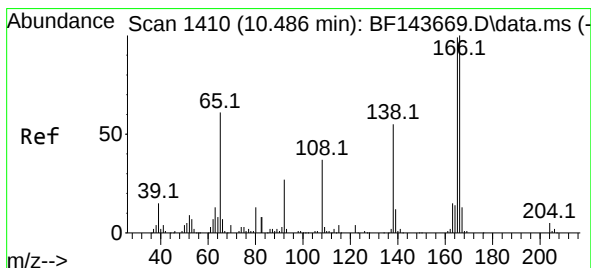
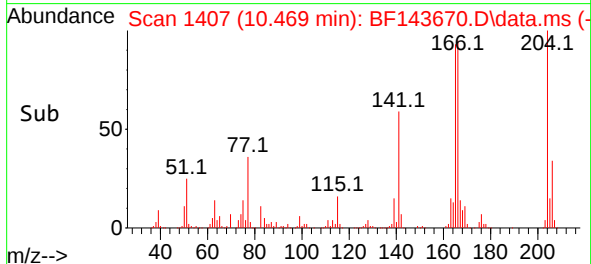
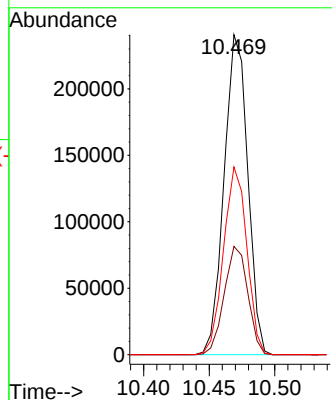
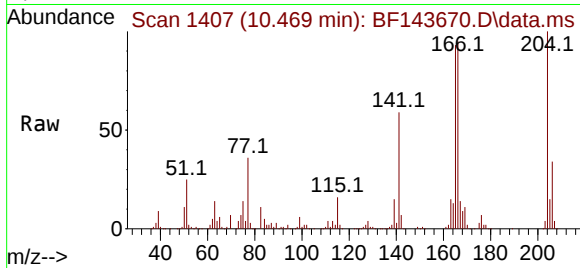




#61
4-Chlorophenyl-phenylether
Concen: 46.641 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

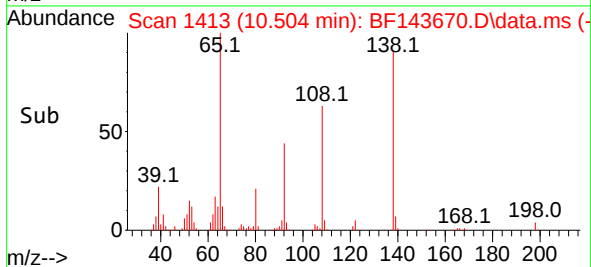
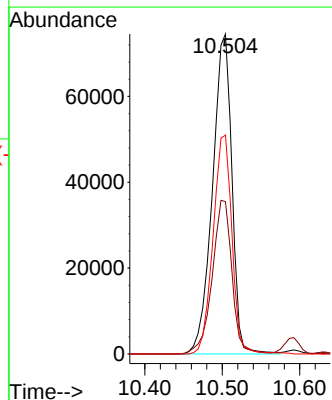
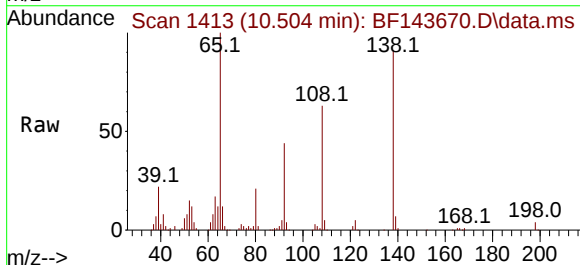
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

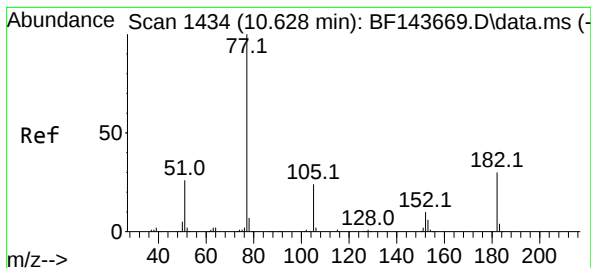
Tgt Ion:204 Resp: 301781
Ion Ratio Lower Upper
204 100
206 33.8 26.8 40.2
141 58.7 44.6 66.8



#62
4-Nitroaniline
Concen: 48.939 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:138 Resp: 129918
Ion Ratio Lower Upper
138 100
92 47.6 28.4 68.4
108 68.4 47.0 87.0





#63

Azobenzene

Concen: 47.608 ng

RT: 10.634 min Scan# 1434

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 533223

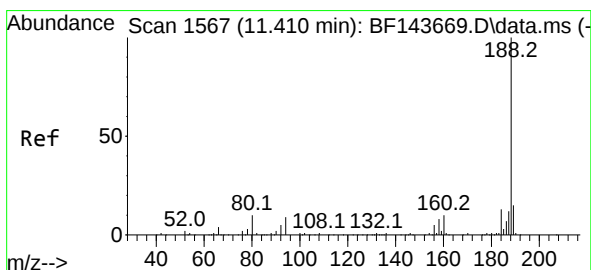
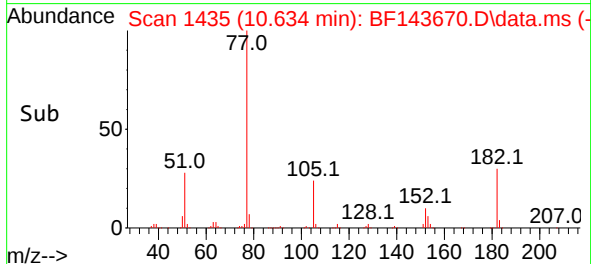
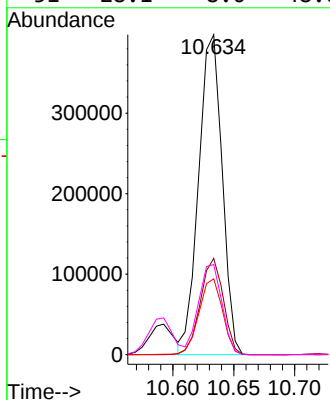
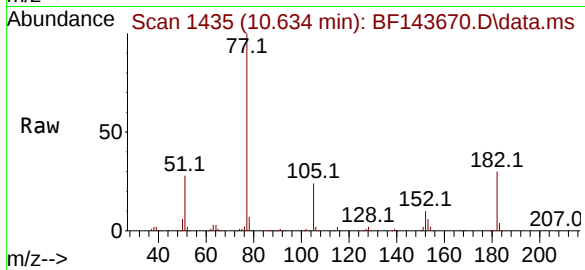
Ion Ratio Lower Upper

77 100

182 30.1 9.3 49.3

105 23.7 3.2 43.2

51 28.1 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

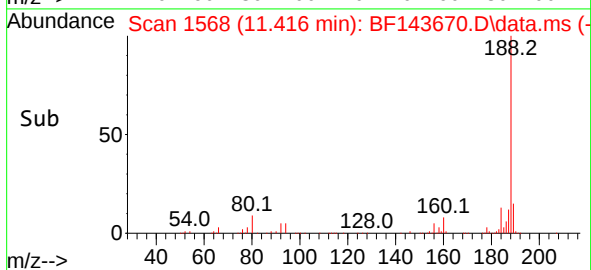
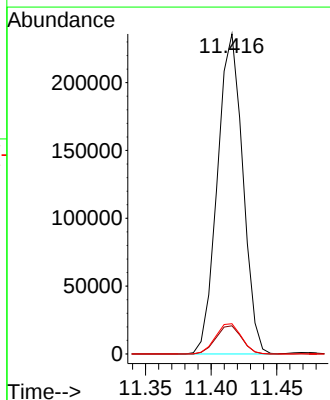
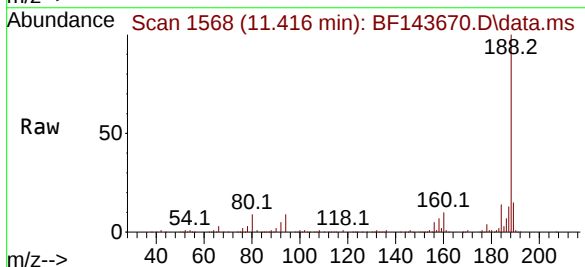
Tgt Ion: 188 Resp: 318098

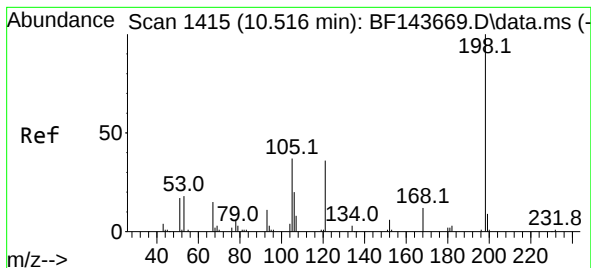
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.5 7.9 11.9

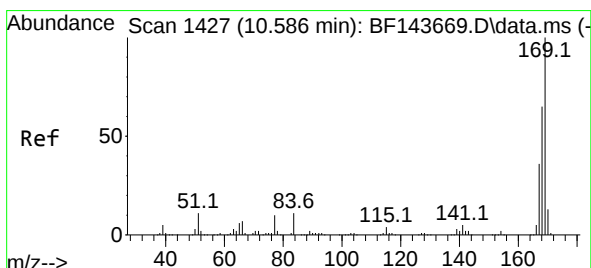
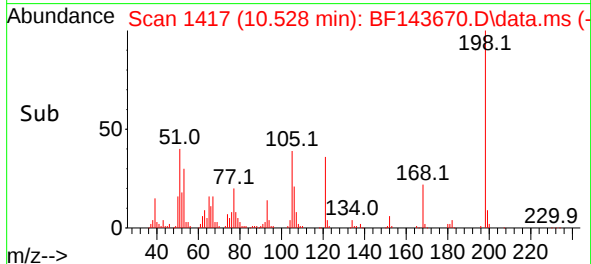
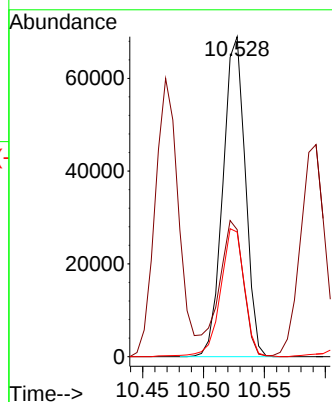
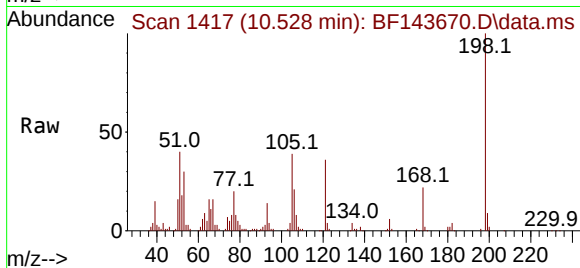




#65
4,6-Dinitro-2-methylphenol
Concen: 54.287 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

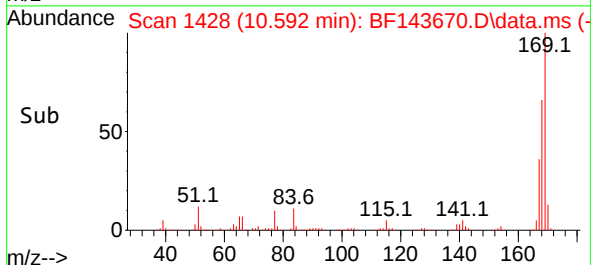
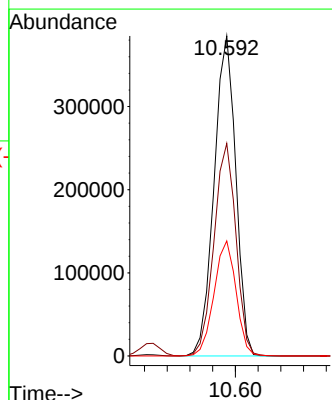
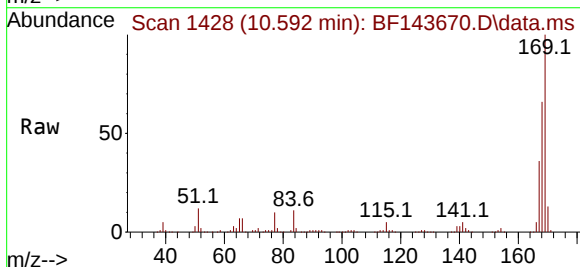
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

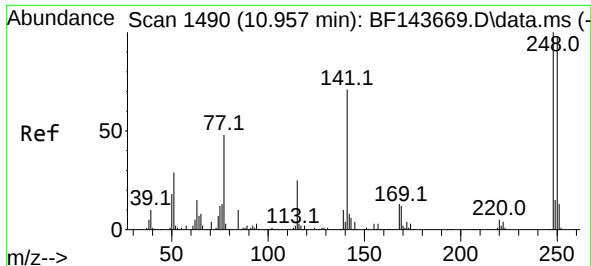
Tgt Ion:198 Resp: 88161
Ion Ratio Lower Upper
198 100
51 39.7 21.9 61.9
105 38.9 18.4 58.4



#66
n-Nitrosodiphenylamine
Concen: 49.331 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:169 Resp: 511118
Ion Ratio Lower Upper
169 100
168 66.4 52.3 78.5
167 35.9 28.5 42.7

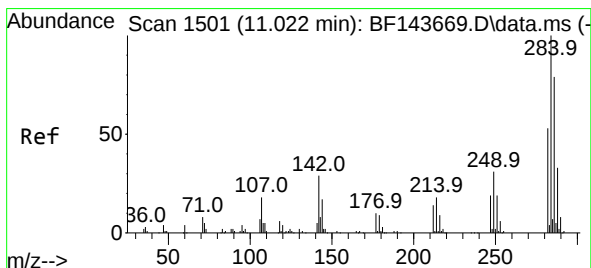
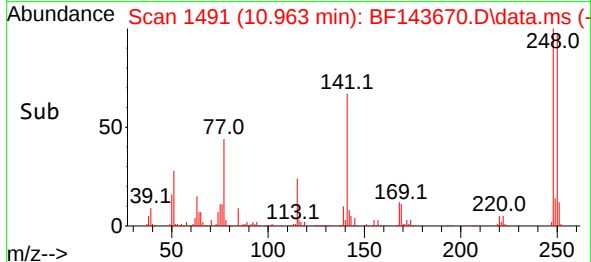
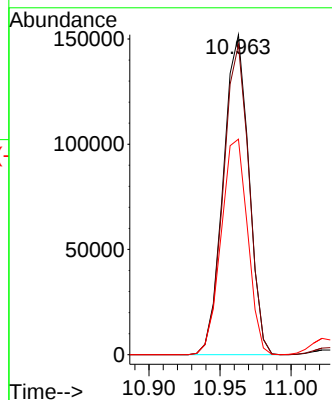
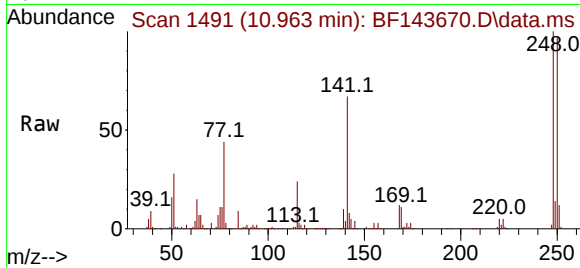




#67
4-Bromophenyl-phenylether
Concen: 50.174 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

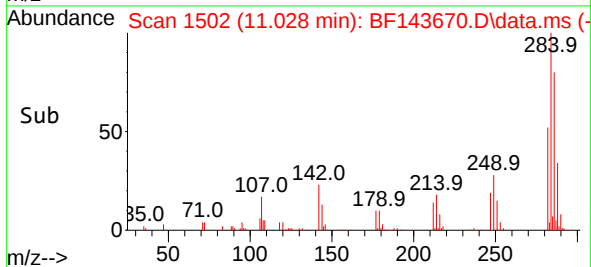
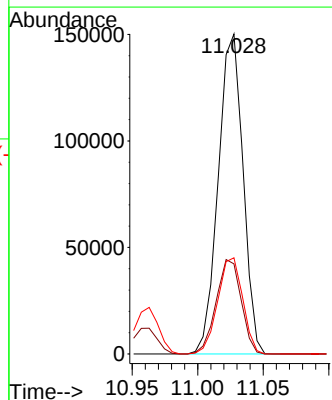
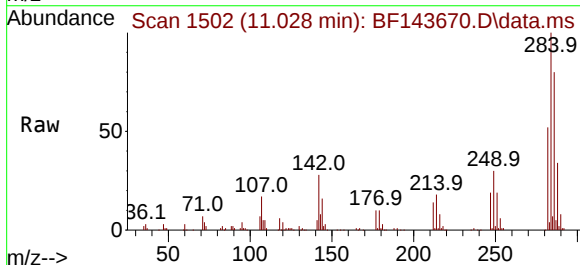
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

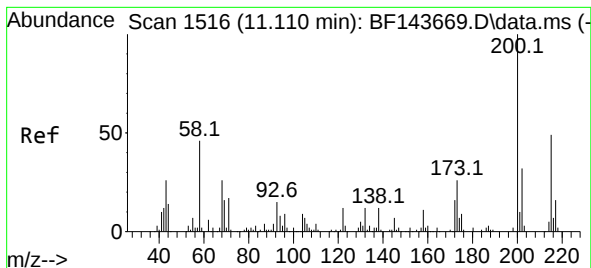
Tgt Ion:248 Resp: 190903
Ion Ratio Lower Upper
248 100
250 96.9 78.6 117.8
141 67.4 57.1 85.7



#68
Hexachlorobenzene
Concen: 49.615 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:284 Resp: 197195
Ion Ratio Lower Upper
284 100
142 28.1 23.2 34.8
249 30.1 25.0 37.4





#69

Atrazine

Concen: 49.250 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

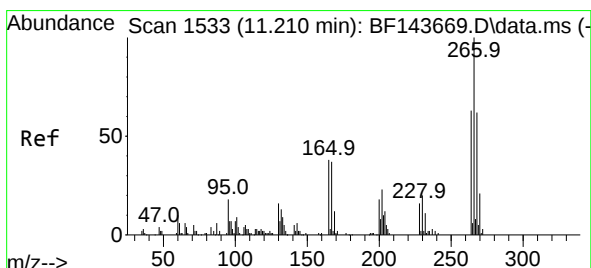
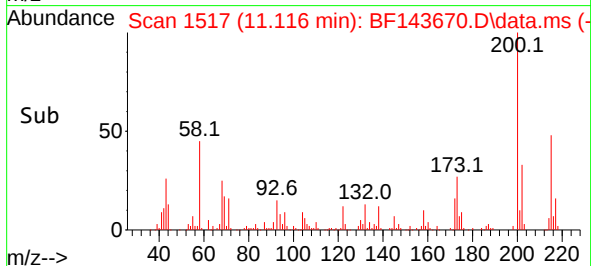
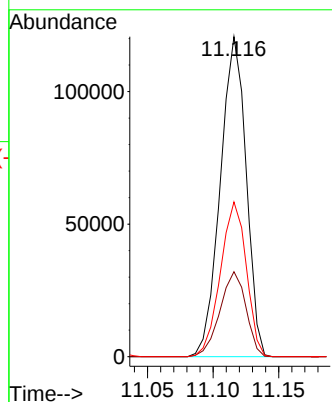
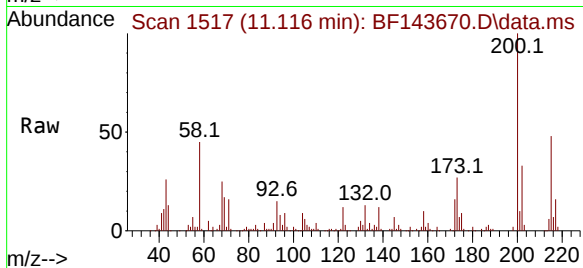
Tgt Ion:200 Resp: 165174

Ion Ratio Lower Upper

200 100

173 26.6 6.1 46.1

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 52.273 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

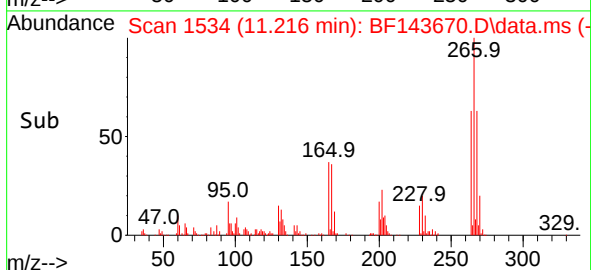
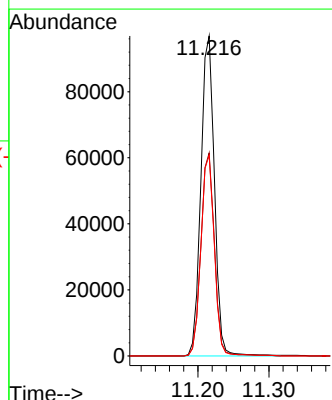
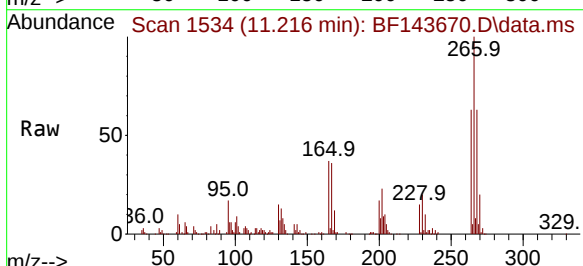
Tgt Ion:266 Resp: 129084

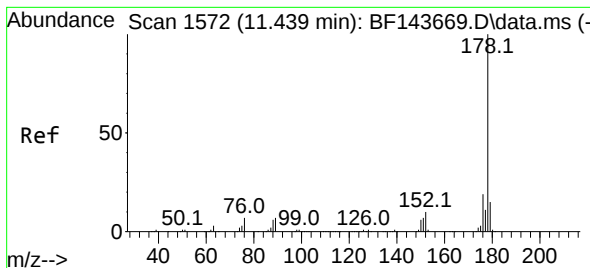
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.8

264 62.7 50.1 75.1





#71

Phenanthrene

Concen: 47.279 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

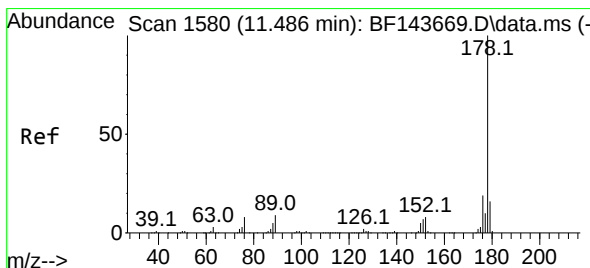
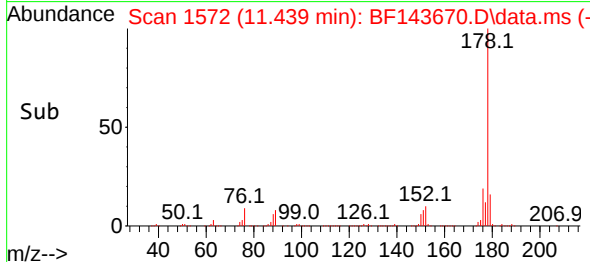
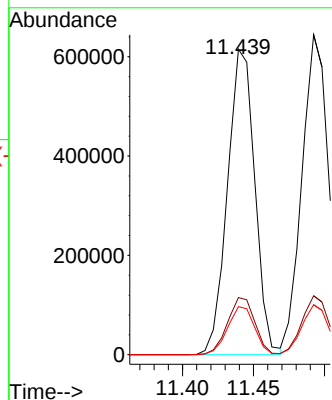
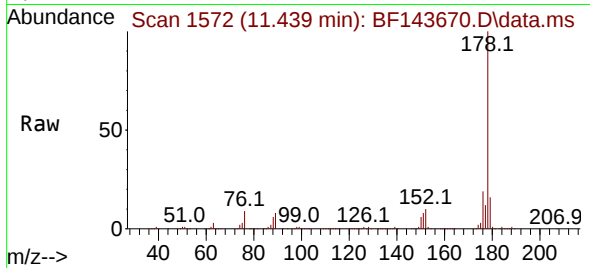
Tgt Ion:178 Resp: 822891

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.7 12.1 18.1



#72

Anthracene

Concen: 47.497 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

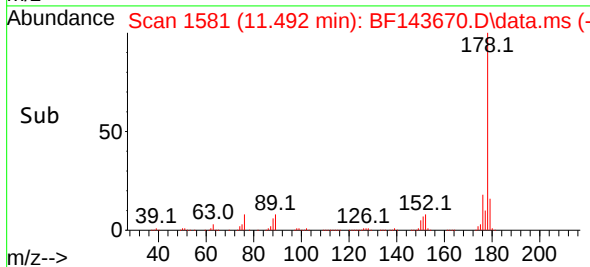
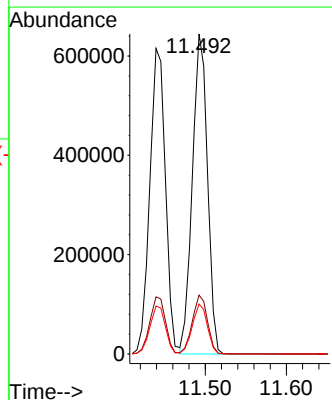
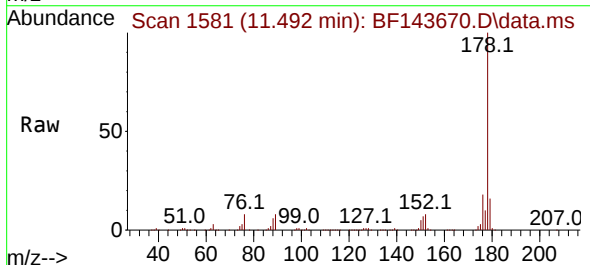
Tgt Ion:178 Resp: 834353

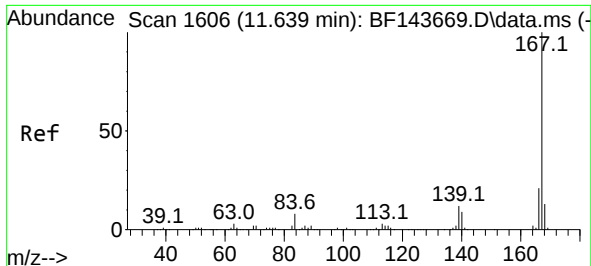
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.6 12.9 19.3

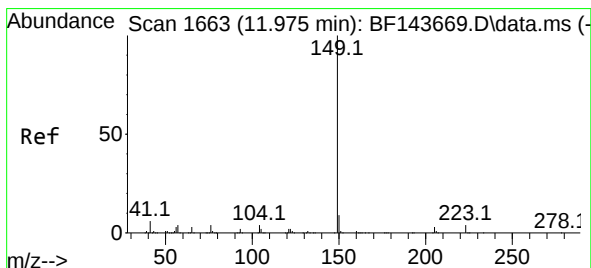
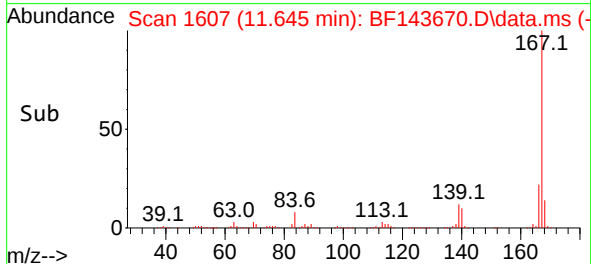
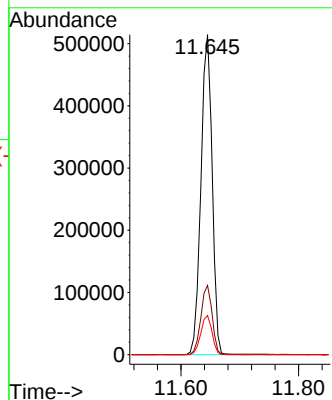
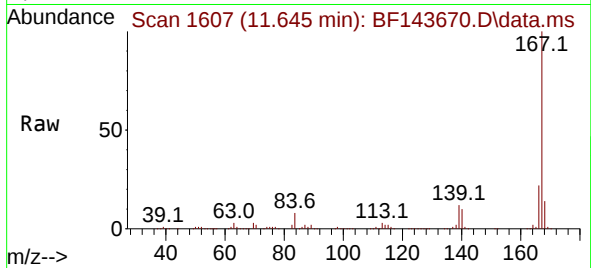




#73
 Carbazole
 Concen: 46.357 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.006 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

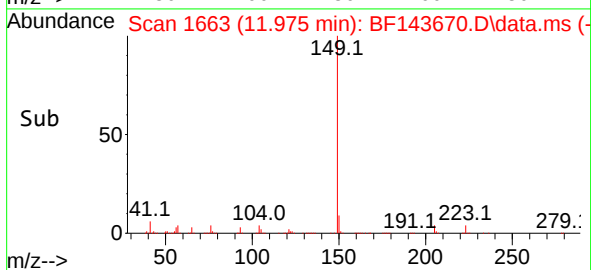
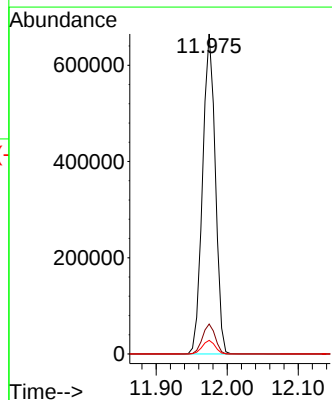
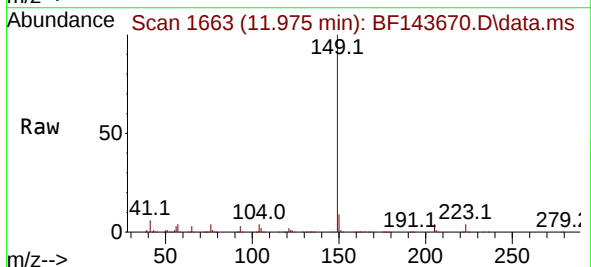
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

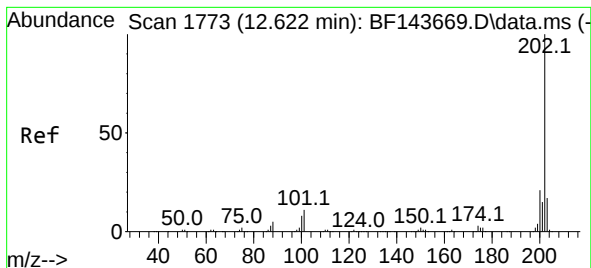
Tgt Ion:167 Resp: 681315
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 12.3 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 47.019 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

Tgt Ion:149 Resp: 831556
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.3 3.2 4.8





#75

Fluoranthene

Concen: 44.285 ng

RT: 12.628 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

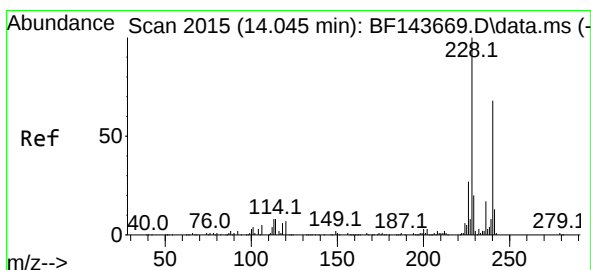
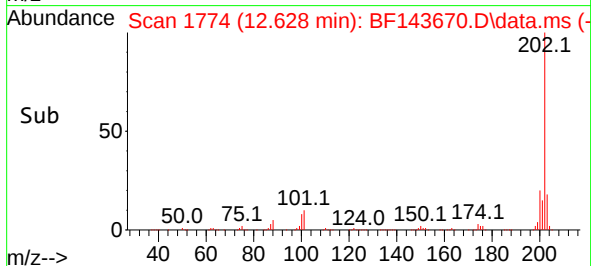
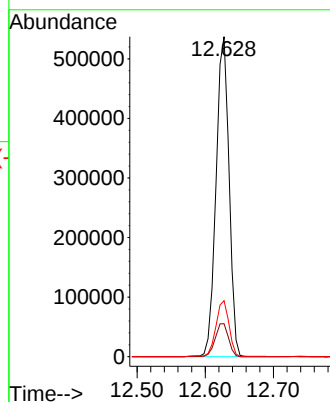
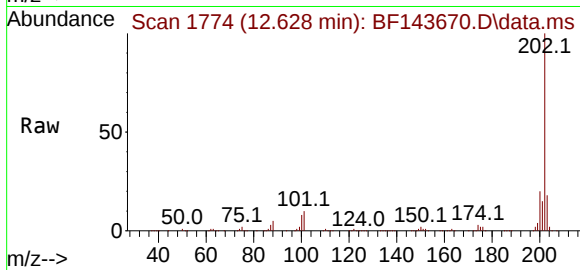
Tgt Ion:202 Resp: 713849

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.9

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

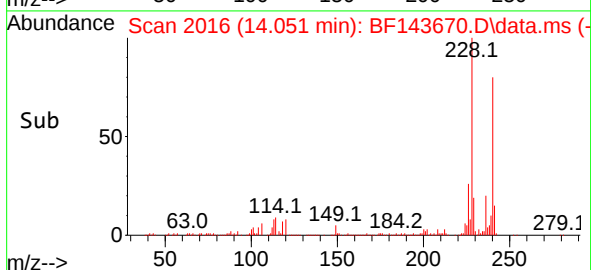
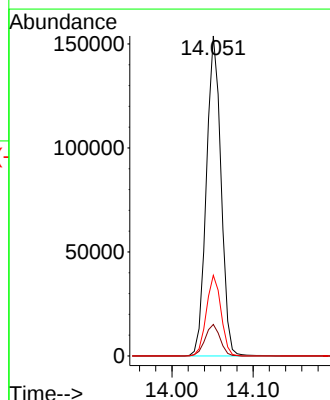
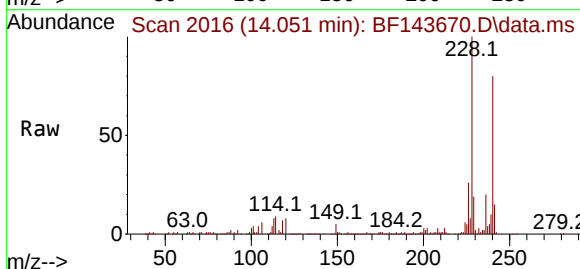
Tgt Ion:240 Resp: 191784

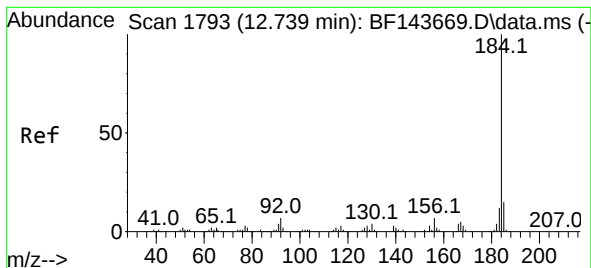
Ion Ratio Lower Upper

240 100

120 9.8 8.7 13.1

236 25.2 19.8 29.8





#77

Benzidine

Concen: 34.797 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

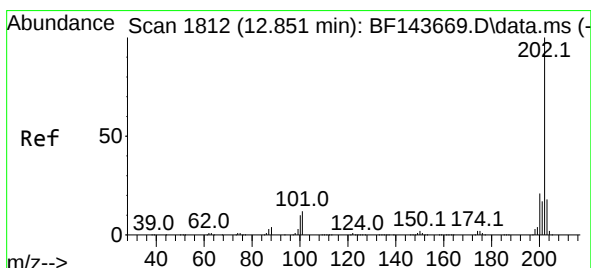
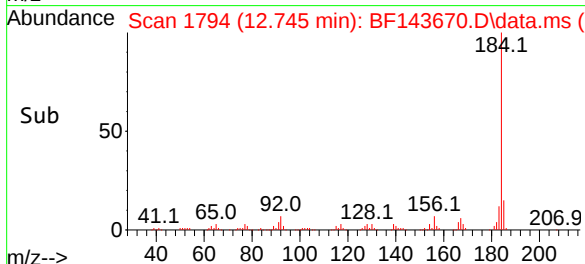
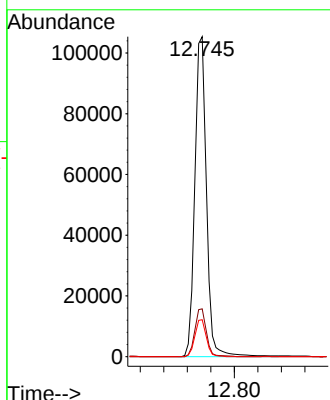
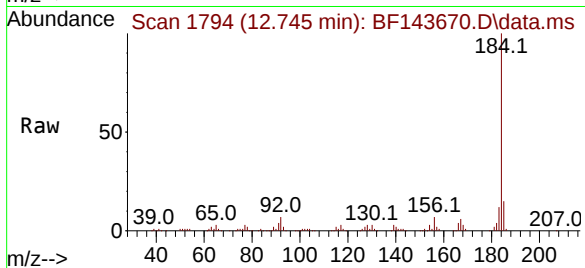
Tgt Ion:184 Resp: 144455

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 11.5 9.4 14.0



#78

Pyrene

Concen: 46.459 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

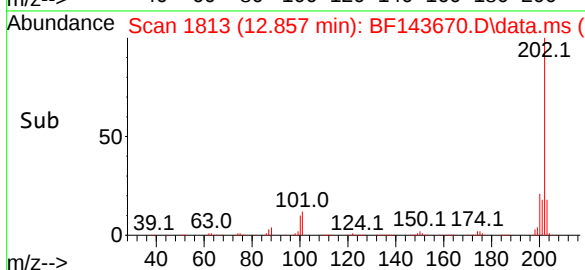
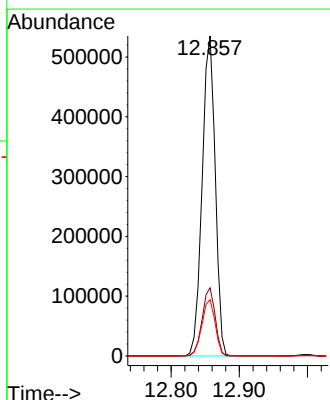
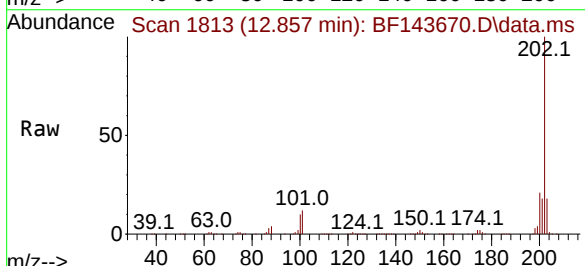
Tgt Ion:202 Resp: 715426

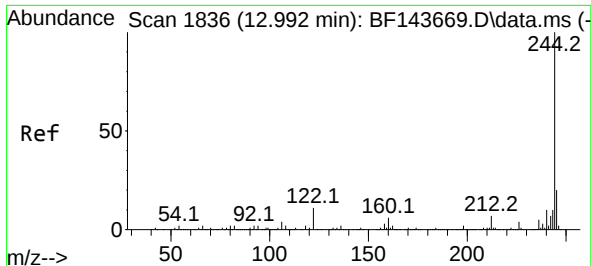
Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 17.6 14.1 21.1

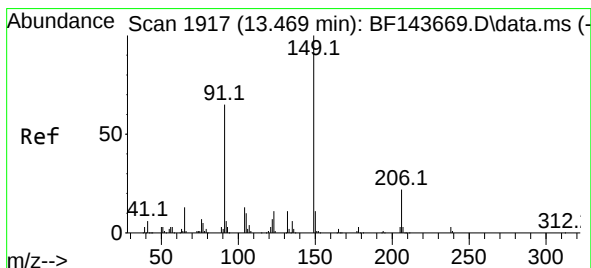
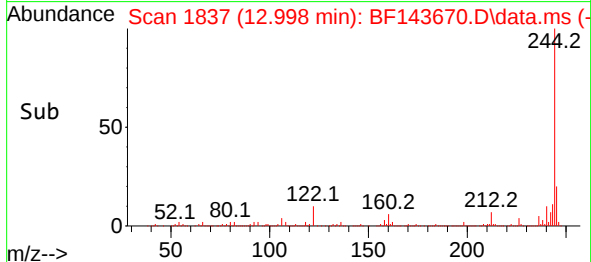
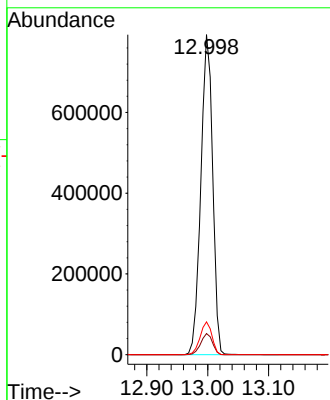
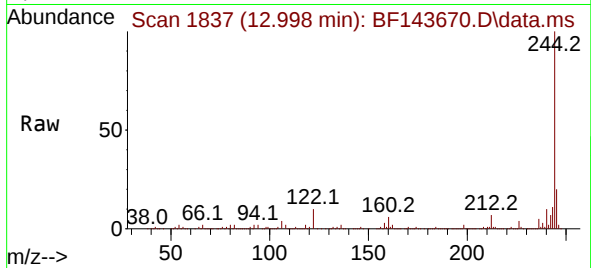




#79
 Terphenyl-d14
 Concen: 91.337 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

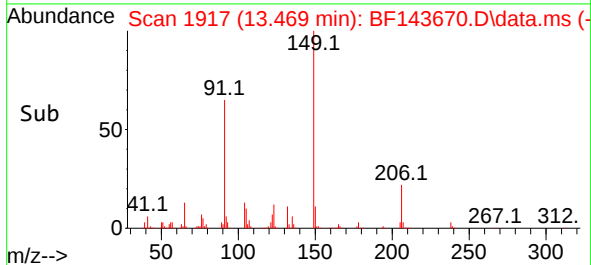
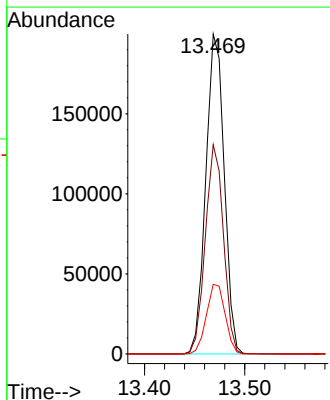
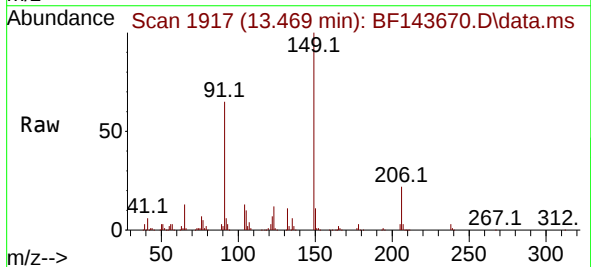
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

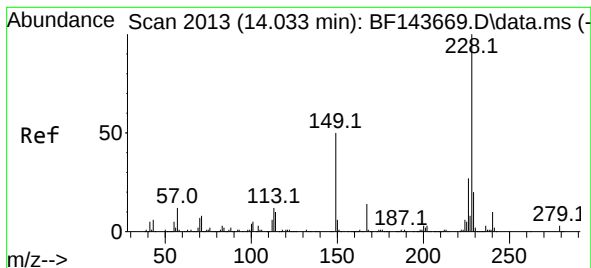
Tgt Ion:244 Resp: 1068628
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.3 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 52.576 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

Tgt Ion:149 Resp: 255555
 Ion Ratio Lower Upper
 149 100
 91 65.4 52.2 78.4
 206 21.7 17.6 26.4





#81

Benzo(a)anthracene

Concen: 47.908 ng

RT: 14.039 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

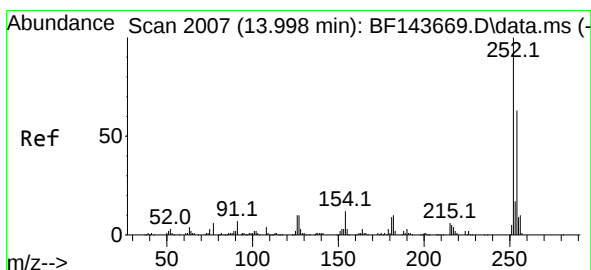
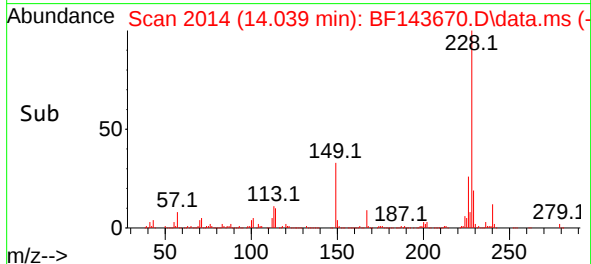
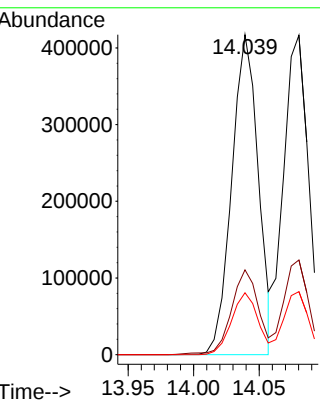
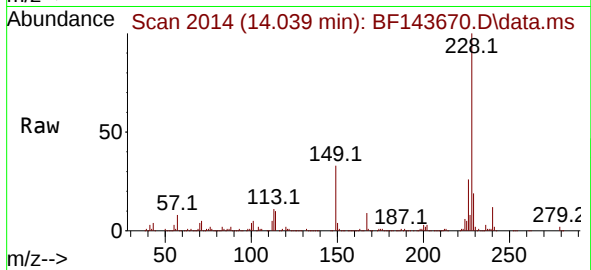
Tgt Ion:228 Resp: 587390

Ion Ratio Lower Upper

228 100

226 26.5 21.4 32.2

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 50.175 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

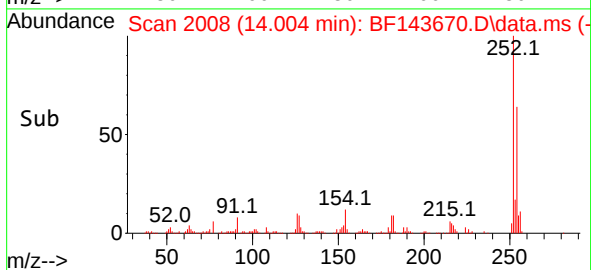
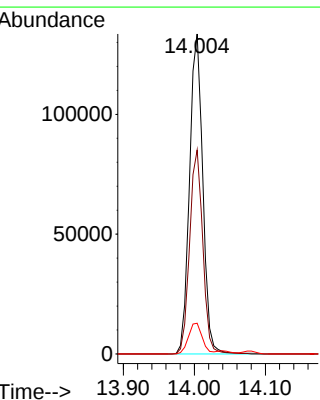
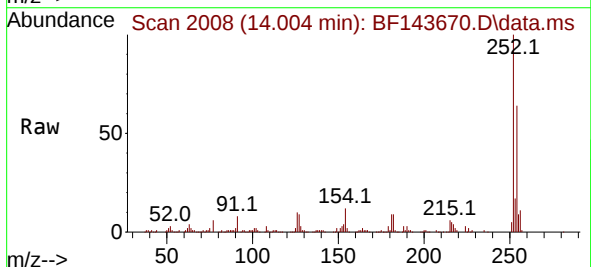
Tgt Ion:252 Resp: 173688

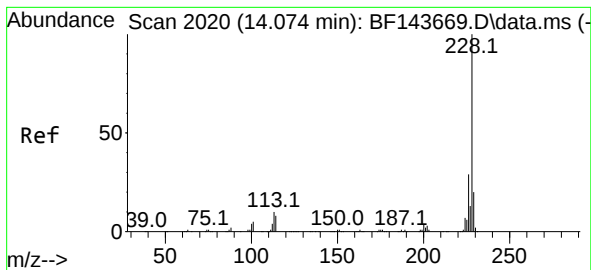
Ion Ratio Lower Upper

252 100

254 63.8 50.5 75.7

126 9.6 8.1 12.1





#83

Chrysene

Concen: 49.275 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

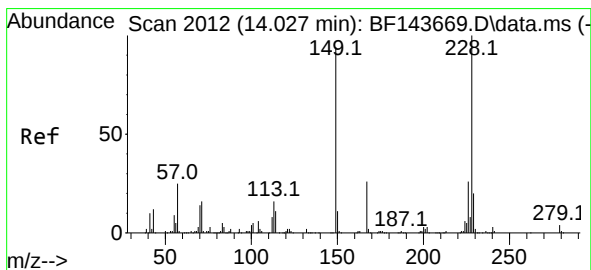
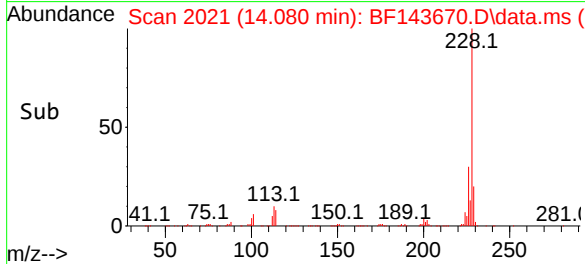
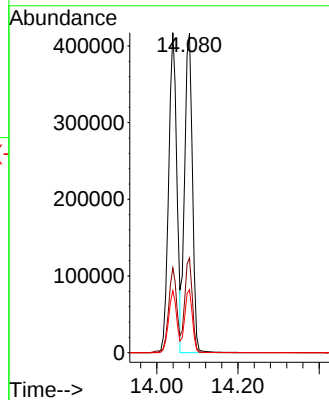
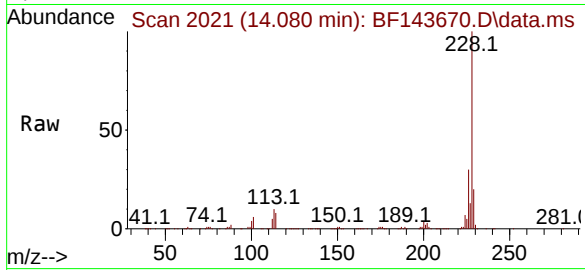
Tgt Ion:228 Resp: 550796

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.312 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

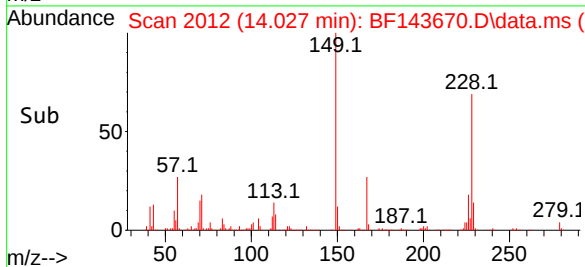
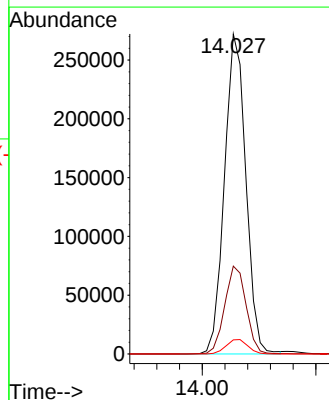
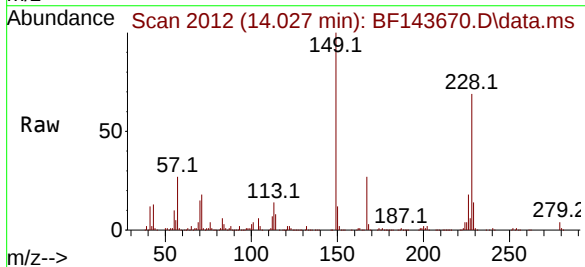
Tgt Ion:149 Resp: 355402

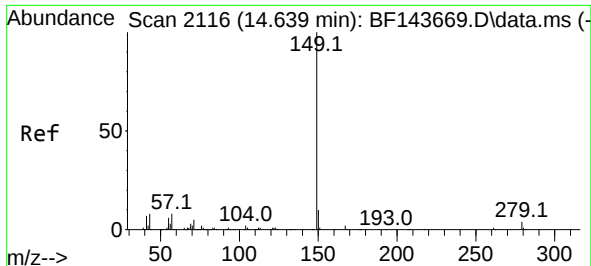
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.4 3.7 5.5

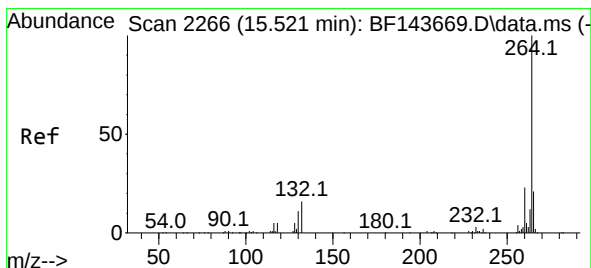
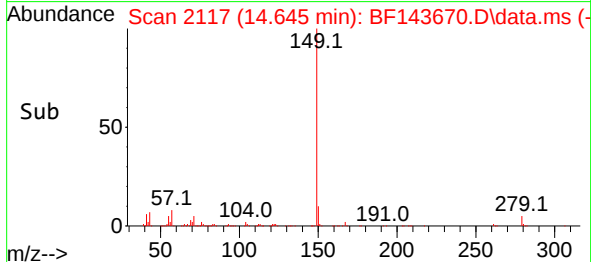
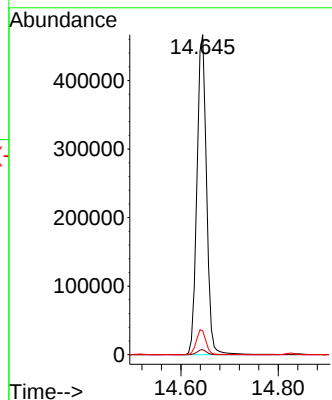
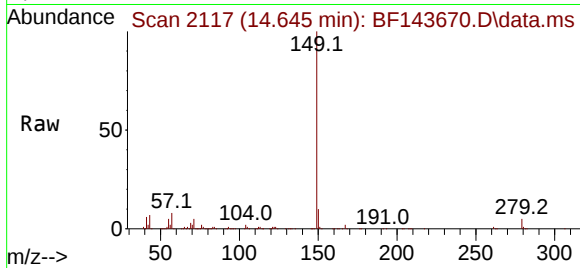




#85
Di-n-octyl phthalate
Concen: 56.430 ng
RT: 14.645 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

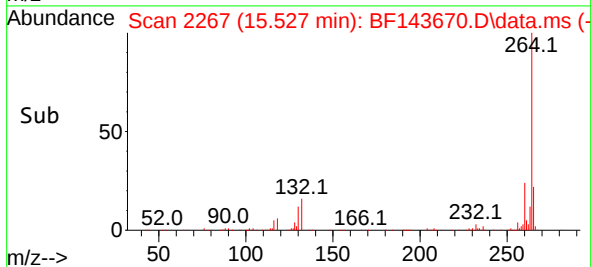
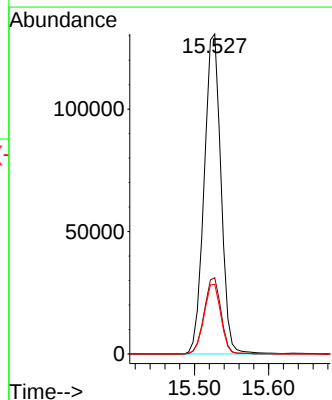
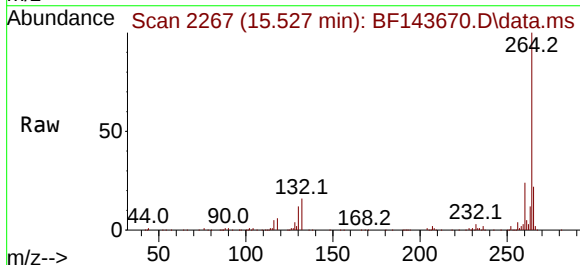
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

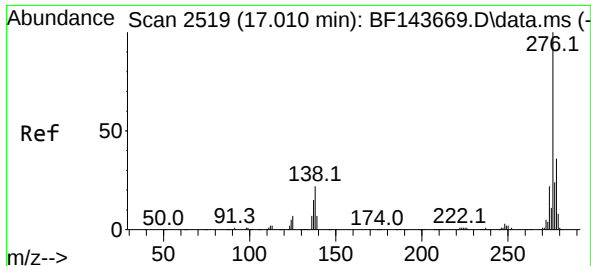
Tgt Ion:149 Resp: 643390
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF143670.D
Acq: 08 Sep 2025 17:50

Tgt Ion:264 Resp: 205711
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.4
265 21.7 17.2 25.8

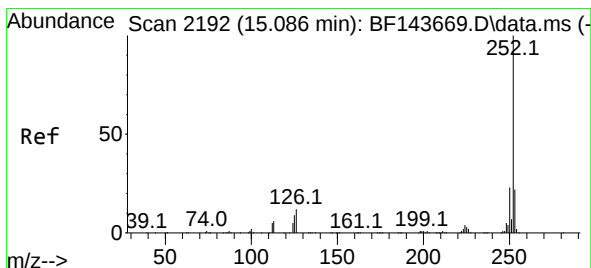
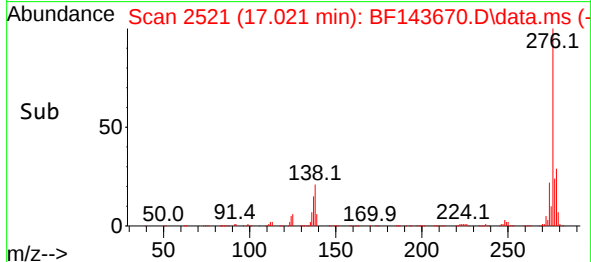
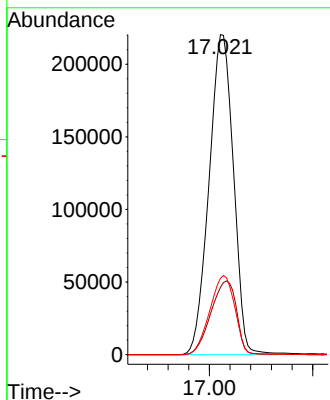
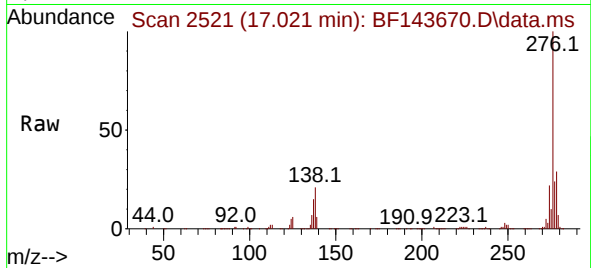




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.017 ng
 RT: 17.021 min Scan# 2192
 Delta R.T. 0.012 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

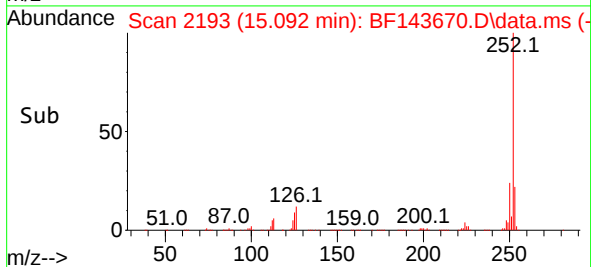
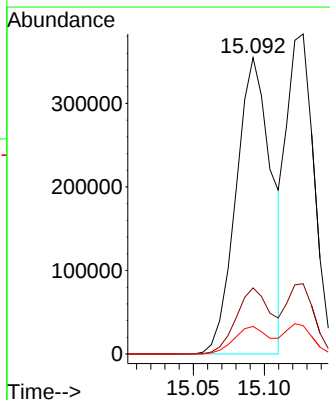
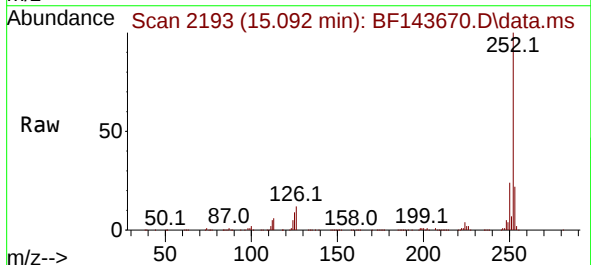
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

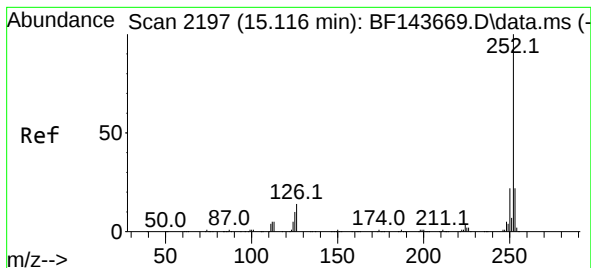
Tgt Ion:276 Resp: 721687
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.5 29.3
 277 25.5 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 49.009 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. 0.006 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

Tgt Ion:252 Resp: 614649
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.253 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

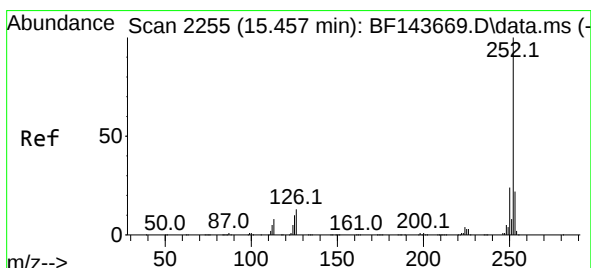
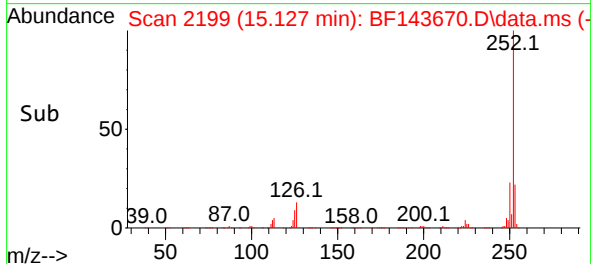
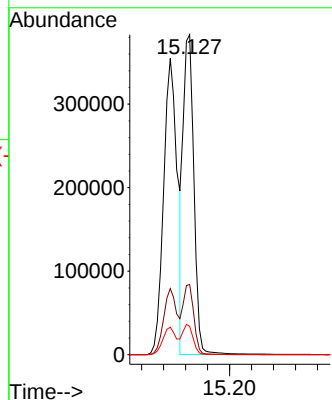
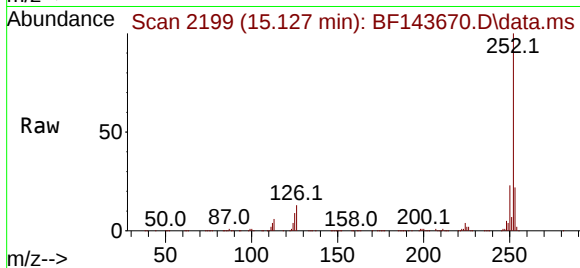
Tgt Ion:252 Resp: 519986

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.9 8.1 12.1



#90

Benzo(a)pyrene

Concen: 49.158 ng

RT: 15.463 min Scan# 2256

Delta R.T. 0.006 min

Lab File: BF143670.D

Acq: 08 Sep 2025 17:50

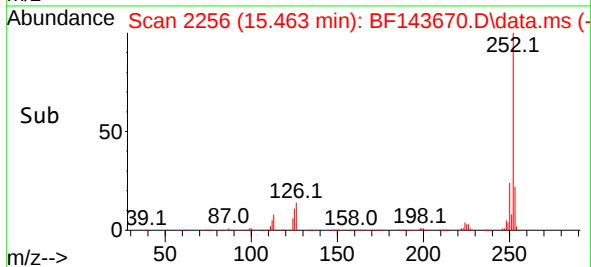
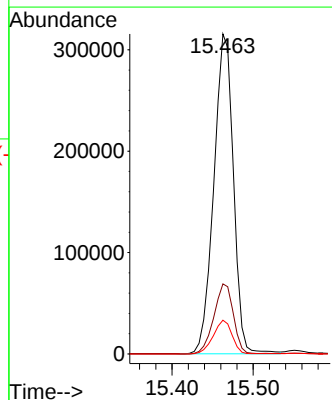
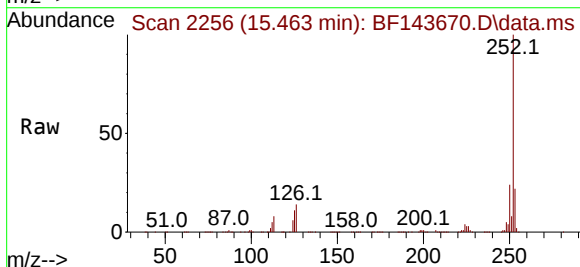
Tgt Ion:252 Resp: 528879

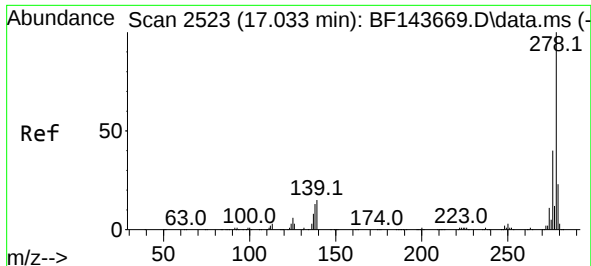
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.6 8.0 12.0

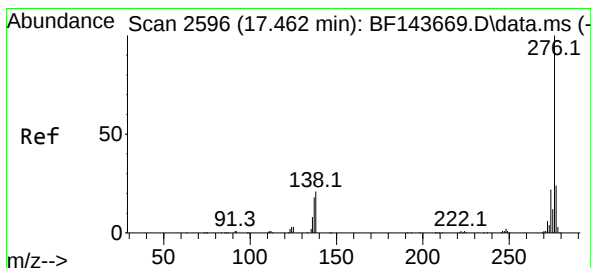
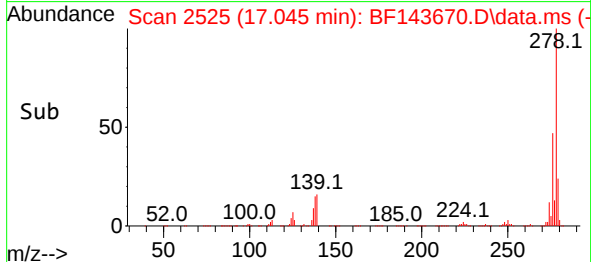
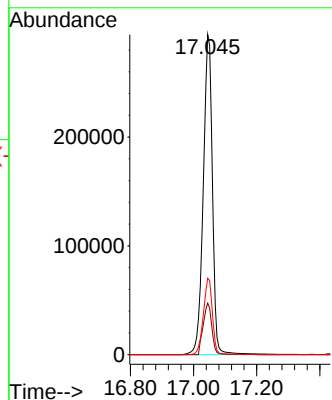
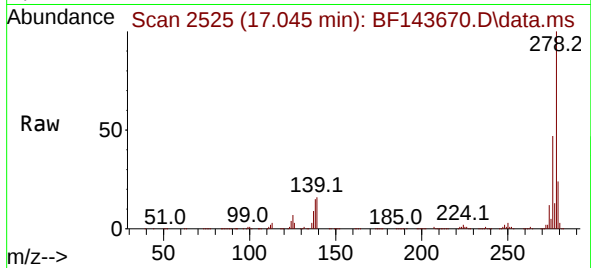




#91
 Dibenzo(a,h)anthracene
 Concen: 51.849 ng
 RT: 17.045 min Scan# 2523
 Delta R.T. 0.012 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:278 Resp: 596049
 Ion Ratio Lower Upper
 278 100
 139 16.1 11.8 17.8
 279 23.9 18.5 27.7



#92
 Benzo(g,h,i)perylene
 Concen: 51.622 ng
 RT: 17.480 min Scan# 2599
 Delta R.T. 0.018 min
 Lab File: BF143670.D
 Acq: 08 Sep 2025 17:50

Tgt Ion:276 Resp: 561319
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.9 28.3
 138 21.5 16.6 24.8

