

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101425\
 Data File : BF143949.D
 Acq On : 14 Oct 2025 16:13
 Operator : RC/JU
 Sample : PB170055BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS

Quant Time: Oct 14 16:36:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	118783	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	465023	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	256823	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	433771	20.000	ng	0.00
76) Chrysene-d12	14.063	240	247361	20.000	ng	0.00
86) Perylene-d12	15.545	264	229733	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	872770	116.679	ng	0.00
7) Phenol-d6	6.510	99	1035190	116.105	ng	0.00
23) Nitrobenzene-d5	7.445	82	662572	86.564	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	324960	127.036	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1249663	77.208	ng	0.00
79) Terphenyl-d14	13.004	244	1351901	93.406	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.740	88	136708	39.495	ng 99
3) Pyridine	3.499	79	402572	39.951	ng 98
4) n-Nitrosodimethylamine	3.446	42	240321	45.336	ng 94
6) Aniline	6.545	93	470002	35.179	ng 98
8) 2-Chlorophenol	6.663	128	326002	44.586	ng 99
9) Benzaldehyde	6.434	77	195562	28.434	ng 99
10) Phenol	6.522	94	478752	44.914	ng 99
11) bis(2-Chloroethyl)ether	6.616	93	370017	44.938	ng 99
12) 1,3-Dichlorobenzene	6.822	146	377727	43.157	ng 100
13) 1,4-Dichlorobenzene	6.898	146	380675	44.093	ng 99
14) 1,2-Dichlorobenzene	7.051	146	363836	43.998	ng 100
15) Benzyl Alcohol	7.022	79	312374	46.760	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	857401	45.746	ng 99
17) 2-Methylphenol	7.134	107	274129	45.365	ng 99
18) Hexachloroethane	7.392	117	124439	43.220	ng 99
19) n-Nitroso-di-n-propyla...	7.292	70	260148	42.626	ng 99
20) 3+4-Methylphenols	7.287	107	307492	43.906	ng # 73
22) Acetophenone	7.292	105	456756	46.453	ng 98
24) Nitrobenzene	7.463	77	387411	45.578	ng 99
25) Isophorone	7.704	82	723901	44.854	ng 100
26) 2-Nitrophenol	7.781	139	185383	50.871	ng 98
27) 2,4-Dimethylphenol	7.816	122	318432	48.575	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	457201	44.846	ng 98
29) 2,4-Dichlorophenol	8.022	162	300557	44.016	ng 98
30) 1,2,4-Trichlorobenzene	8.104	180	300386	44.730	ng 99
31) Naphthalene	8.187	128	905947	42.827	ng 99
32) Benzoic acid	7.939	122	232590	51.267	ng 98
33) 4-Chloroaniline	8.234	127	168571	21.248	ng 98
34) Hexachlorobutadiene	8.304	225	192496	41.250	ng 97
35) Caprolactam	8.645	113	36900	16.996	ng 98
36) 4-Chloro-3-methylphenol	8.716	107	292710	44.626	ng 98
37) 2-Methylnaphthalene	8.881	142	550824	39.091	ng 98
38) 1-Methylnaphthalene	8.981	142	571719	41.830	ng 98
40) 1,2,4,5-Tetrachloroben...	9.045	216	323807	45.618	ng 99
41) Hexachlorocyclopentadiene	9.034	237	319945	108.649	ng 98
43) 2,4,6-Trichlorophenol	9.157	196	225309	43.442	ng 97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101425\
 Data File : BF143949.D
 Acq On : 14 Oct 2025 16:13
 Operator : RC/JU
 Sample : PB170055BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

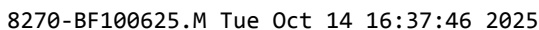
Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS

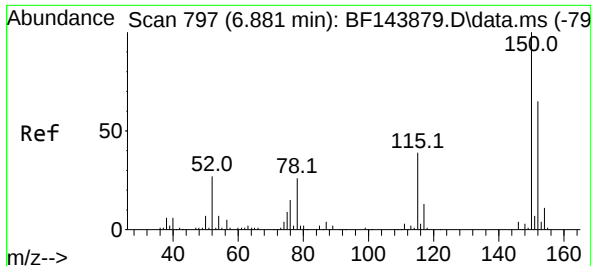
Quant Time: Oct 14 16:36:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	241324	44.031	ng	99
46) 1,1'-Biphenyl	9.345	154	787600	46.319	ng	98
47) 2-Chloronaphthalene	9.369	162	609645	43.002	ng	97
48) 2-Nitroaniline	9.463	65	220218	49.132	ng	99
49) Acenaphthylene	9.786	152	967163	48.525	ng	99
50) Dimethylphthalate	9.645	163	726615	44.552	ng	99
51) 2,6-Dinitrotoluene	9.710	165	158175	52.302	ng	94
52) Acenaphthene	9.957	154	585998	44.870	ng	100
53) 3-Nitroaniline	9.875	138	119416	32.248	ng	99
54) 2,4-Dinitrophenol	9.986	184	162038	86.267	ng	# 90
55) Dibenzofuran	10.133	168	792450	42.984	ng	99
56) 4-Nitrophenol	10.039	139	240051	85.616	ng	96
57) 2,4-Dinitrotoluene	10.110	165	214262	52.070	ng	98
58) Fluorene	10.475	166	602736	43.328	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	186201	47.993	ng	90
60) Diethylphthalate	10.345	149	661161	43.636	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	312560	42.498	ng	97
62) 4-Nitroaniline	10.492	138	161624	45.388	ng	97
63) Azobenzene	10.628	77	731390	46.187	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	116621	53.501	ng	98
66) n-Nitrosodiphenylamine	10.586	169	609980	44.786	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	204021	42.559	ng	97
68) Hexachlorobenzene	11.022	284	242638	43.720	ng	99
69) Atrazine	11.110	200	196973	47.715	ng	100
70) Pentachlorophenol	11.222	266	259520	81.419	ng	98
71) Phenanthrene	11.439	178	917260	43.618	ng	99
72) Anthracene	11.492	178	941105	44.298	ng	100
73) Carbazole	11.645	167	835457	44.402	ng	99
74) Di-n-butylphthalate	11.975	149	1021669	46.851	ng	99
75) Fluoranthene	12.633	202	964435	44.399	ng	99
77) Benzidine	12.751	184	344111	40.064	ng	98
78) Pyrene	12.863	202	957514	46.431	ng	99
80) Butylbenzylphthalate	13.480	149	350848	52.386	ng	99
81) Benzo(a)anthracene	14.051	228	747867	46.200	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	126081	25.558	ng	99
83) Chrysene	14.092	228	650468	43.417	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	417913	51.764	ng	99
85) Di-n-octyl phthalate	14.657	149	614508	46.343	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	714723	50.773	ng	97
88) Benzo(b)fluoranthene	15.110	252	614839	46.591	ng	99
89) Benzo(k)fluoranthene	15.139	252	536880	43.967	ng	100
90) Benzo(a)pyrene	15.486	252	557596	48.729	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	578363	51.086	ng	97
92) Benzo(g,h,i)perylene	17.504	276	587725	51.912	ng	97

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

Quant Time: Oct 14 16:36:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

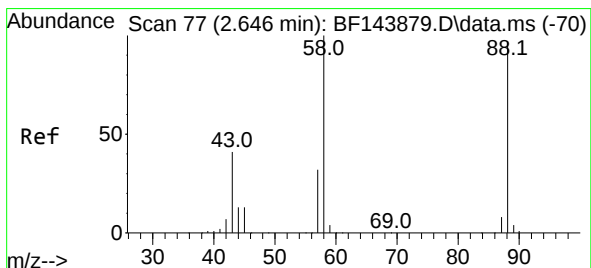
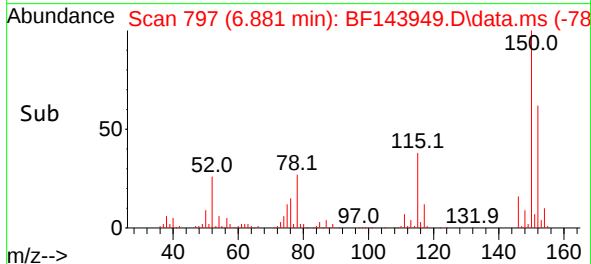
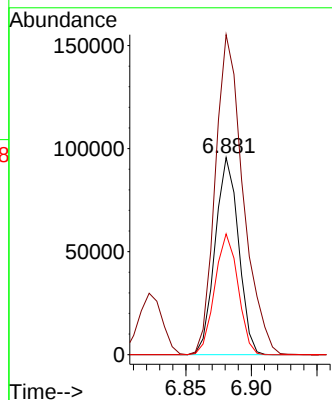
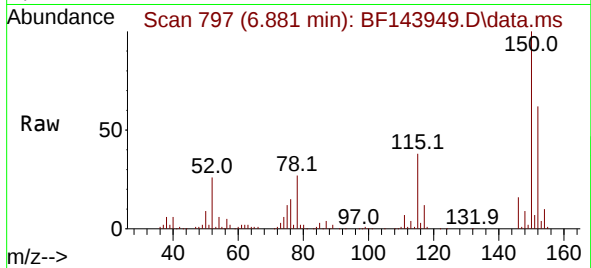




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143949.D
 Acq: 14 Oct 2025 16:13

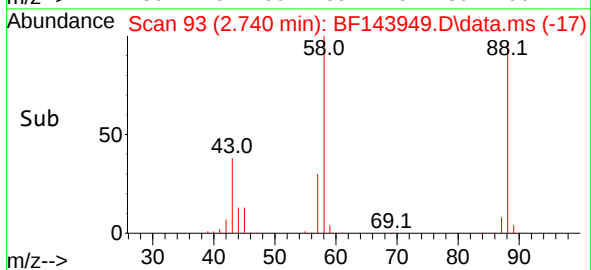
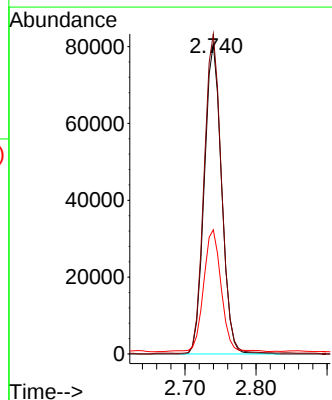
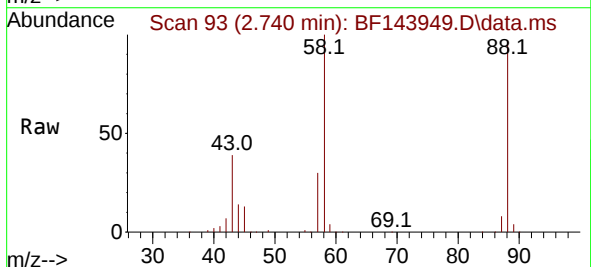
Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS

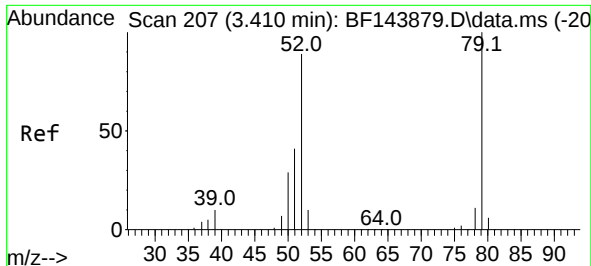
Tgt Ion:152 Resp: 118783
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.4 186.6
 115 61.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: 39.495 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.094 min
 Lab File: BF143949.D
 Acq: 14 Oct 2025 16:13

Tgt Ion: 88 Resp: 136708
 Ion Ratio Lower Upper
 88 100
 58 103.2 83.0 124.6
 43 40.2 33.9 50.9

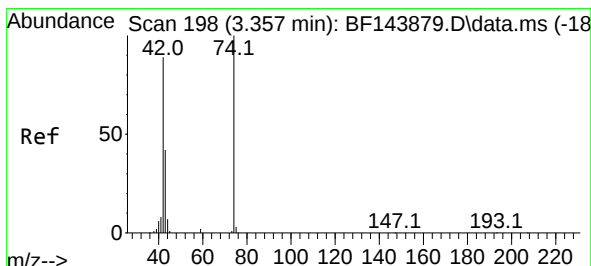
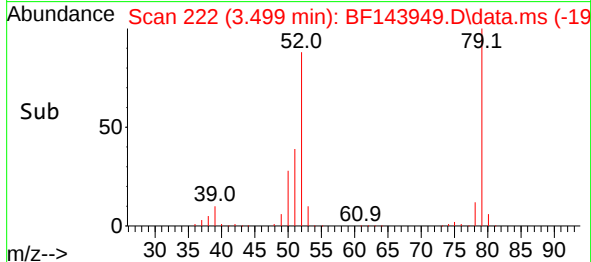
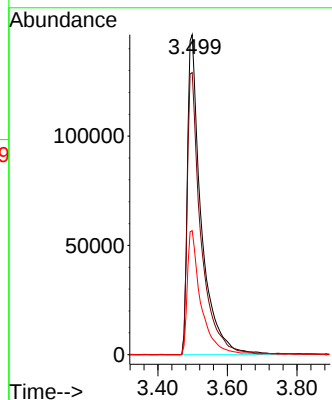
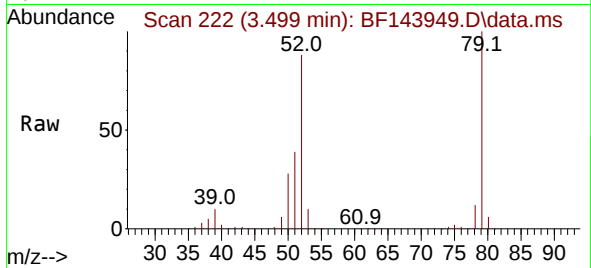




#3
Pyridine
Concen: 39.951 ng
RT: 3.499 min Scan# 213
Delta R.T. 0.083 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

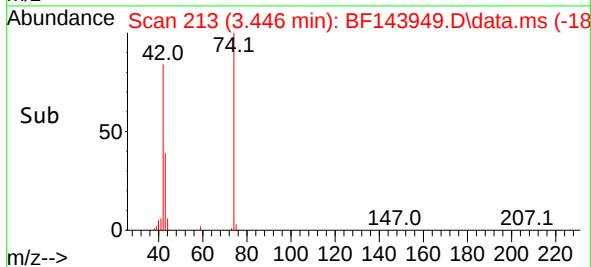
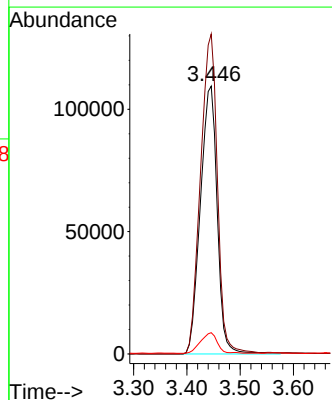
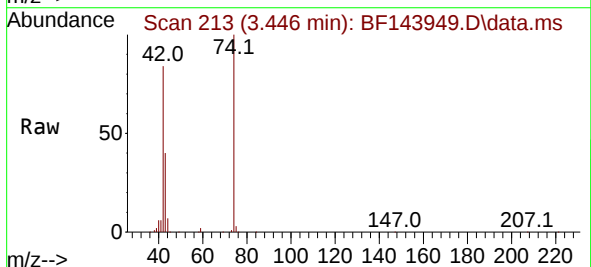
Instrument :
BNA_F
ClientSampleId :
PB170055BS

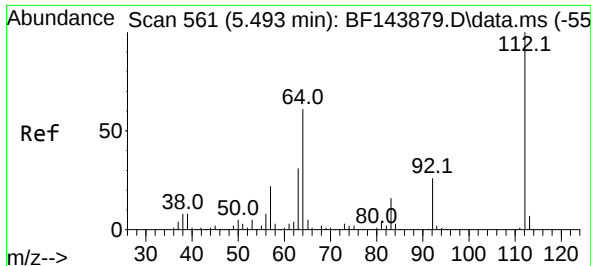
Tgt Ion: 79 Resp: 402572
Ion Ratio Lower Upper
79 100
52 88.2 71.5 107.3
51 38.7 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 45.336 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion: 42 Resp: 240321
Ion Ratio Lower Upper
42 100
74 119.5 90.0 135.0
44 7.9 6.2 9.2

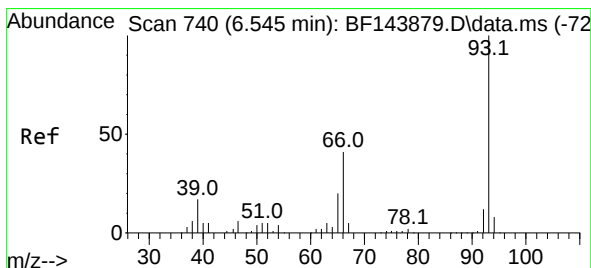
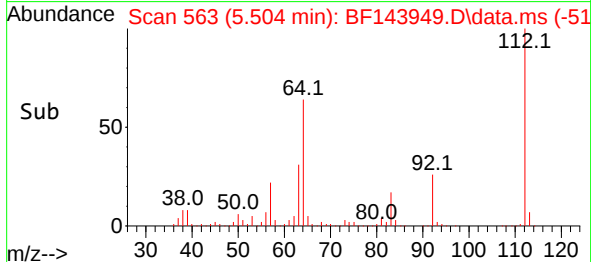
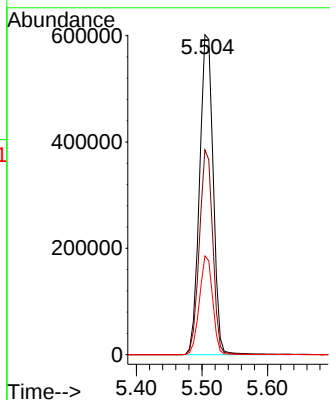
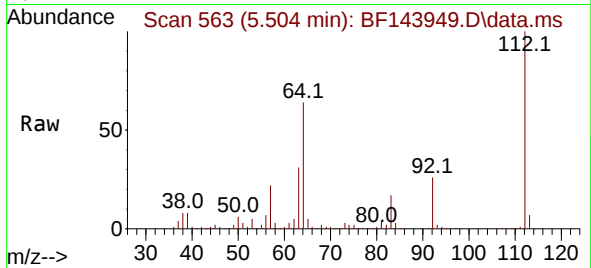




#5
2-Fluorophenol
Concen: 116.679 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

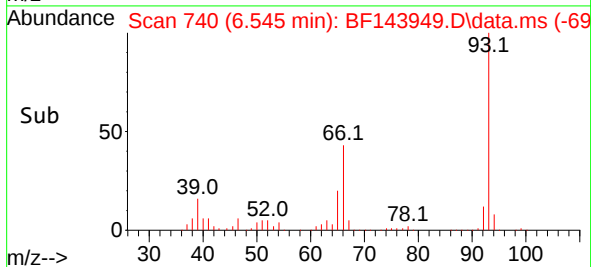
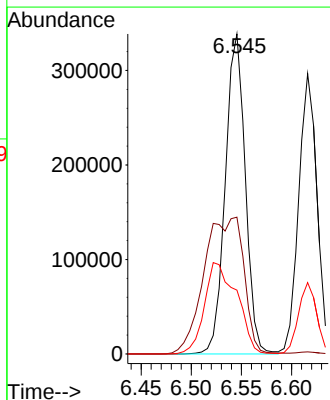
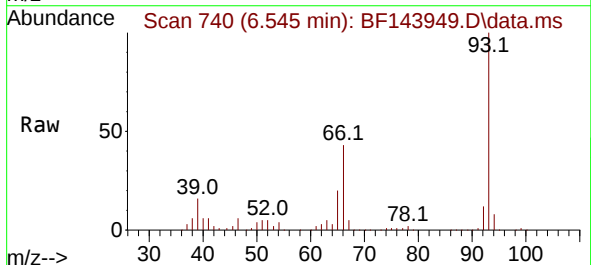
Instrument :
BNA_F
ClientSampleId :
PB170055BS

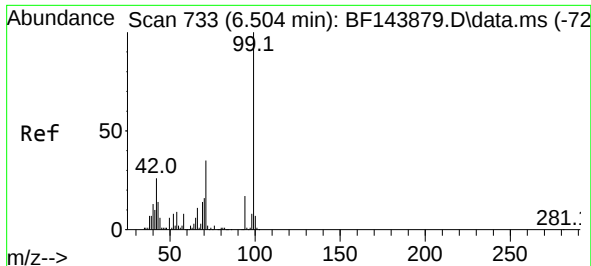
Tgt Ion:112 Resp: 872770
Ion Ratio Lower Upper
112 100
64 64.0 49.1 73.7
63 30.9 24.5 36.7



#6
Aniline
Concen: 35.179 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion: 93 Resp: 470002
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 19.9 15.8 23.8





#7

Phenol-d6

Concen: 116.105 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

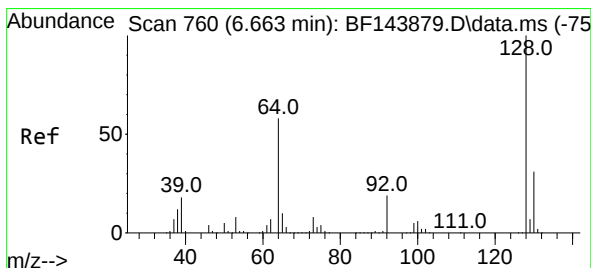
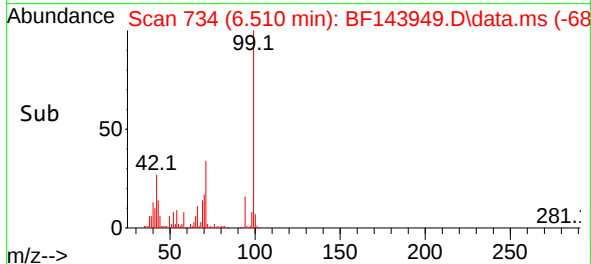
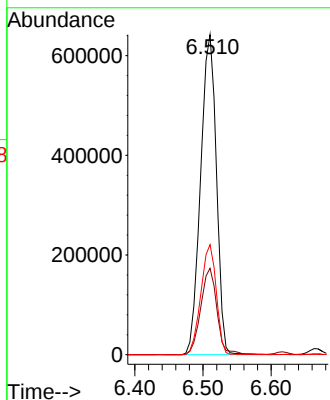
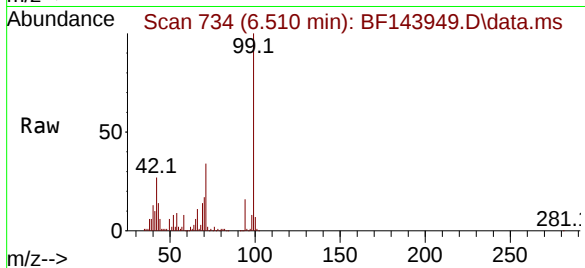
BNA_F

ClientSampleId :

PB170055BS

Tgt Ion: 99 Resp: 1035190

Ion	Ratio	Lower	Upper
99	100		
42	27.0	21.0	31.4
71	34.4	27.8	41.8



#8

2-Chlorophenol

Concen: 44.586 ng

RT: 6.663 min Scan# 760

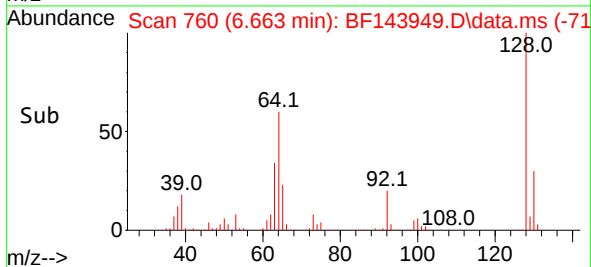
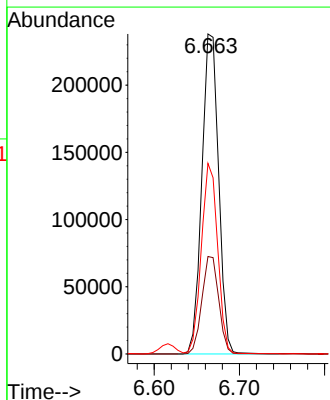
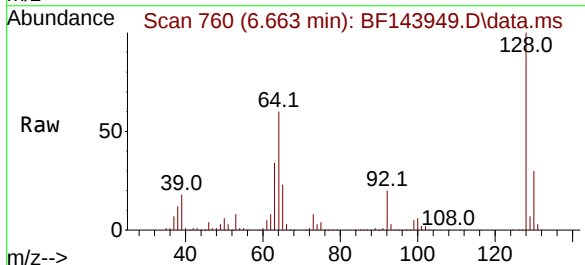
Delta R.T. -0.006 min

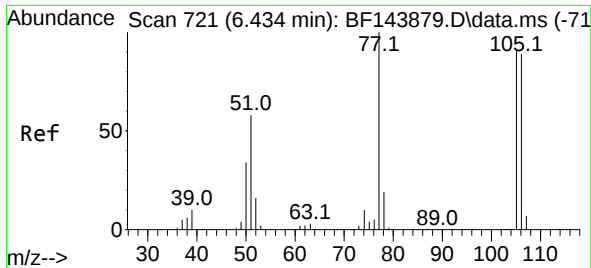
Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Tgt Ion: 128 Resp: 326002

Ion	Ratio	Lower	Upper
128	100		
130	30.4	10.7	50.7
64	59.6	39.0	79.0

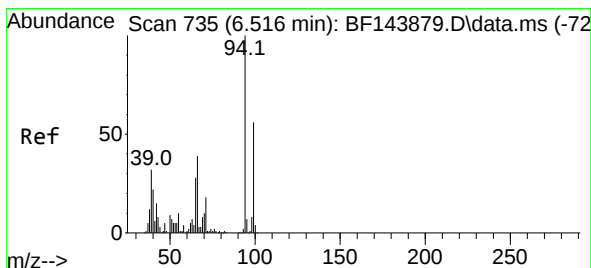
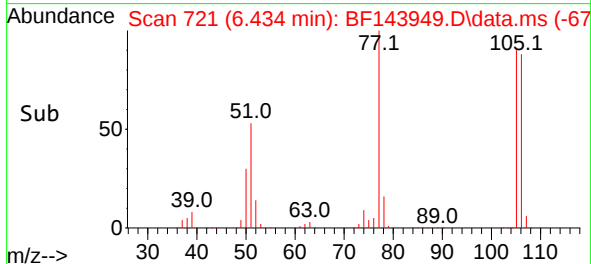
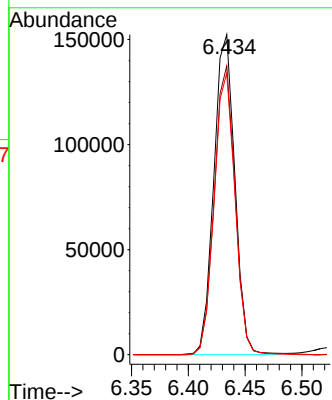
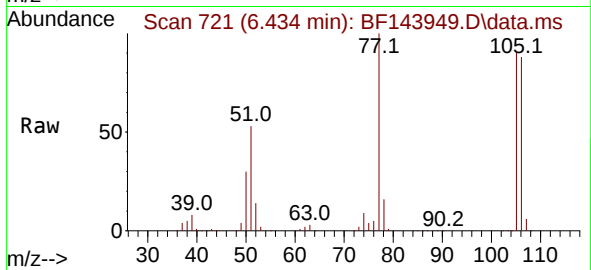




#9
Benzaldehyde
Concen: 28.434 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

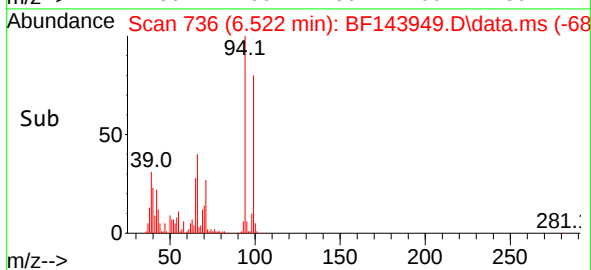
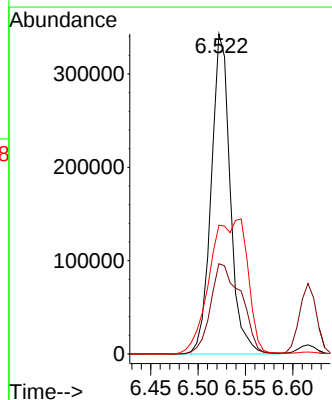
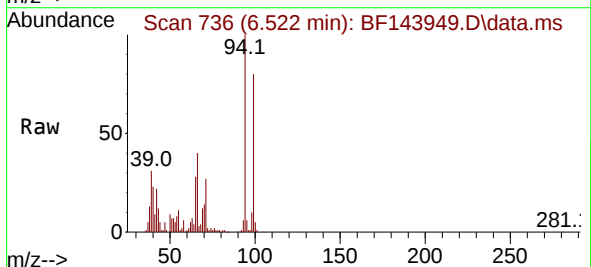
Instrument :
BNA_F
ClientSampleId :
PB170055BS

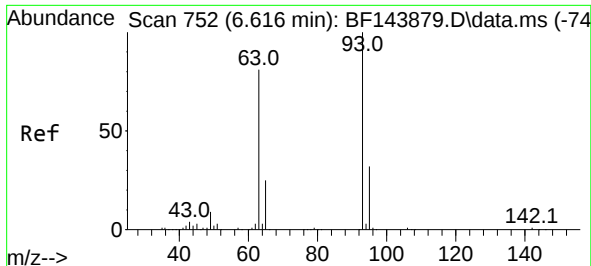
Tgt Ion: 77 Resp: 195562
Ion Ratio Lower Upper
77 100
105 90.3 70.9 110.9
106 88.0 68.9 108.9



#10
Phenol
Concen: 44.914 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion: 94 Resp: 478752
Ion Ratio Lower Upper
94 100
65 28.2 8.5 48.5
66 40.3 19.9 59.9

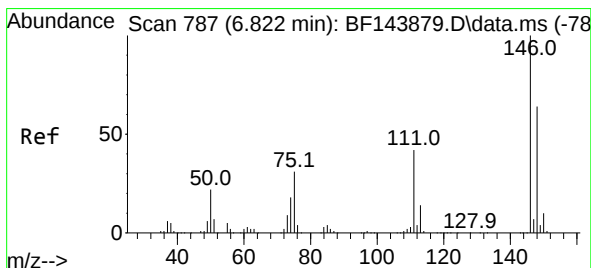
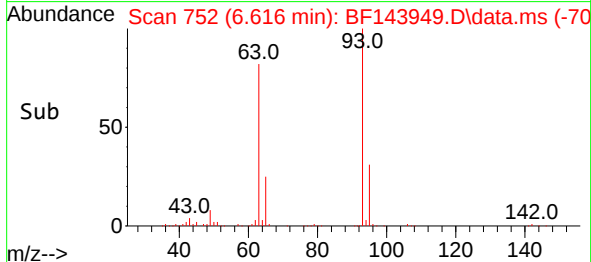
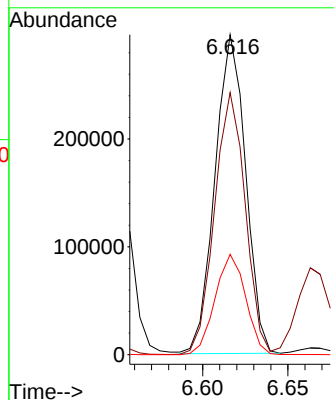
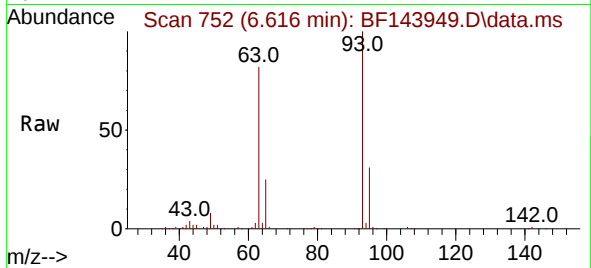




#11
bis(2-Chloroethyl)ether
Concen: 44.938 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

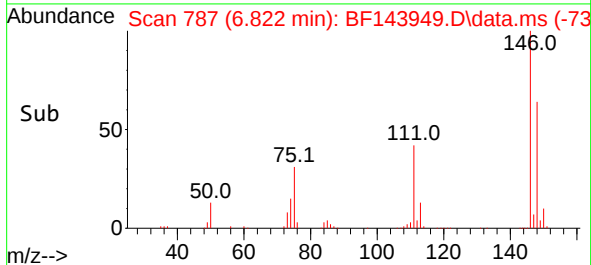
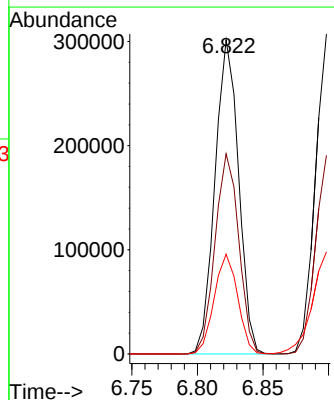
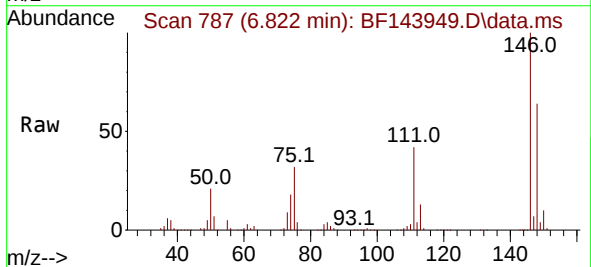
Instrument :
BNA_F
ClientSampleId :
PB170055BS

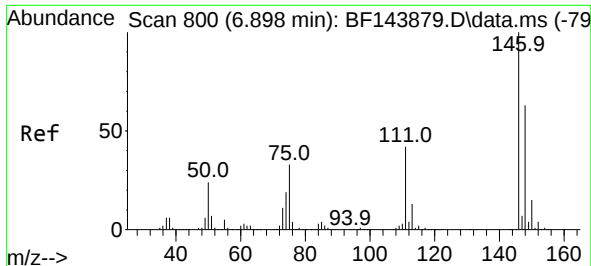
Tgt Ion: 93 Resp: 370017
Ion Ratio Lower Upper
93 100
63 81.9 60.9 100.9
95 31.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.157 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:146 Resp: 377727
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.7 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 44.093 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

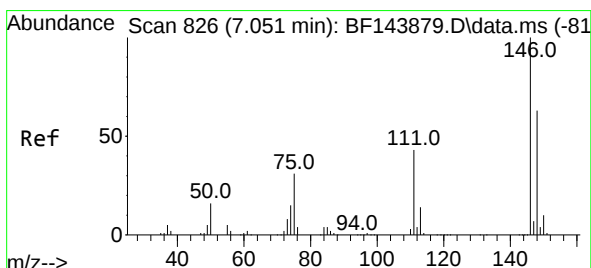
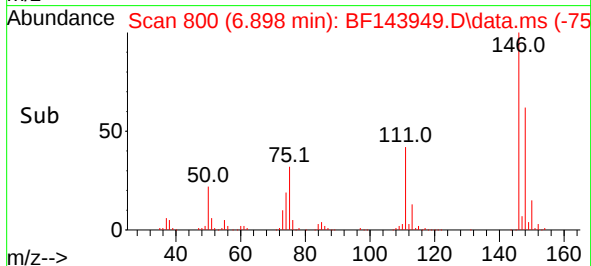
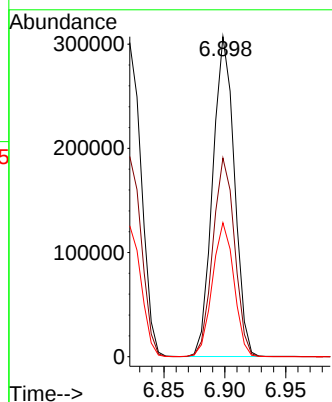
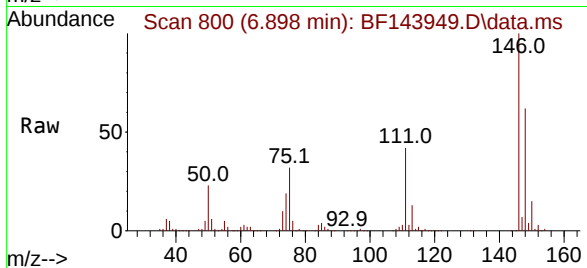
Tgt Ion:146 Resp: 380675

Ion Ratio Lower Upper

146 100

148 62.1 50.5 75.7

111 41.8 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 43.998 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

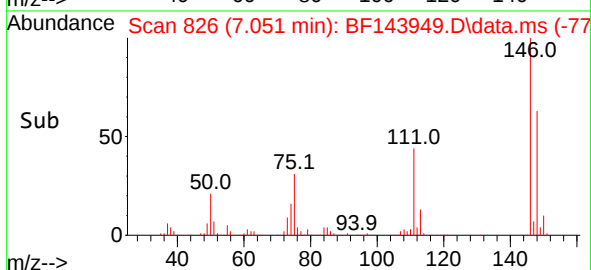
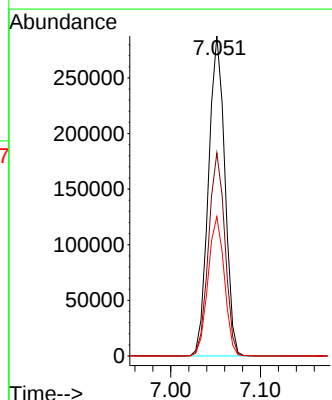
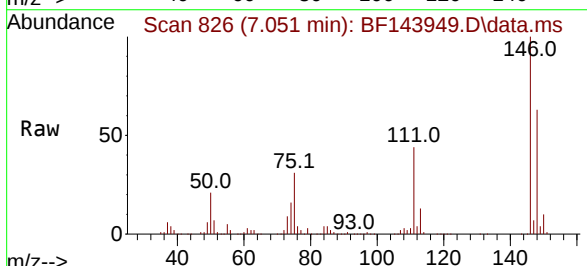
Tgt Ion:146 Resp: 363836

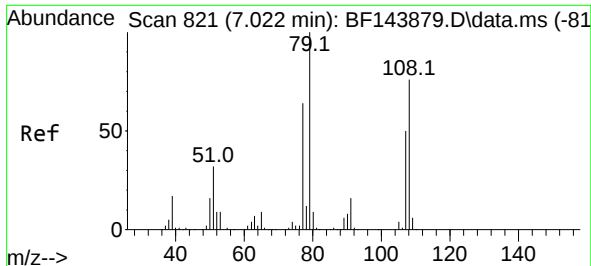
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

111 43.5 34.6 51.8

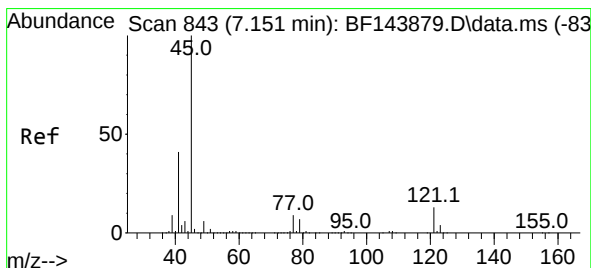
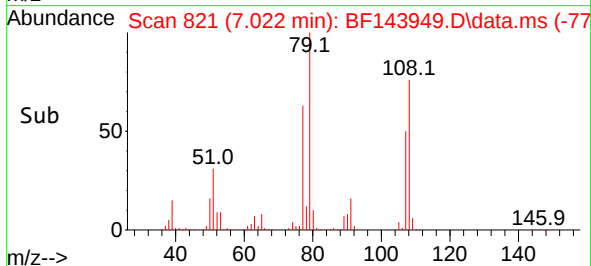
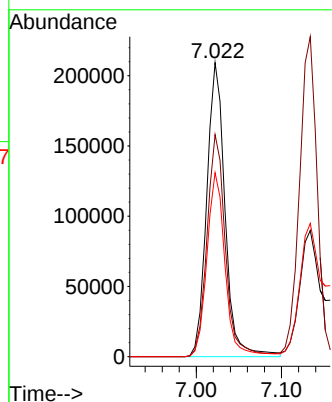
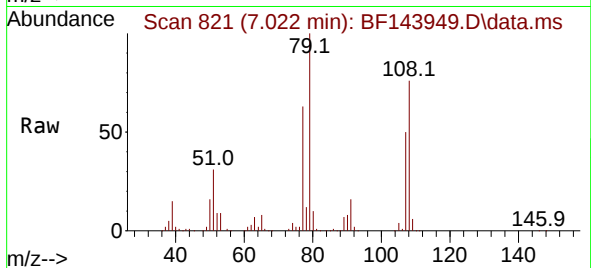




#15
Benzyl Alcohol
Concen: 46.760 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

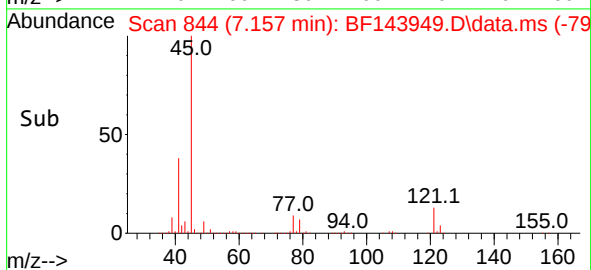
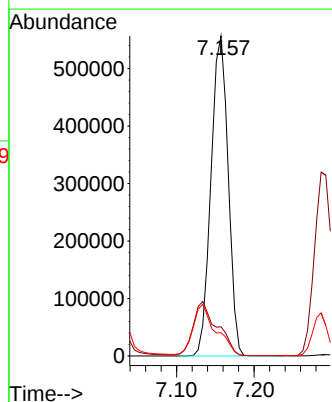
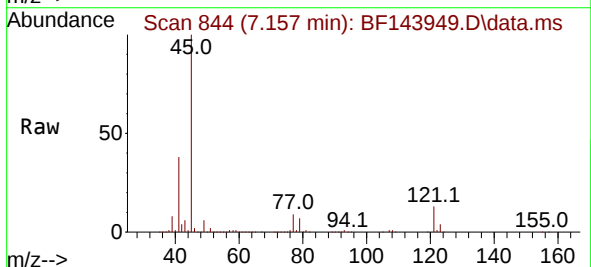
Instrument :
BNA_F
ClientSampleId :
PB170055BS

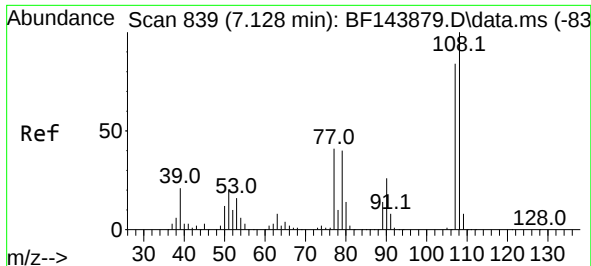
Tgt Ion: 79 Resp: 312374
Ion Ratio Lower Upper
79 100
108 75.5 60.8 91.2
77 62.6 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.746 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion: 45 Resp: 857401
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 7.2 0.0 26.8

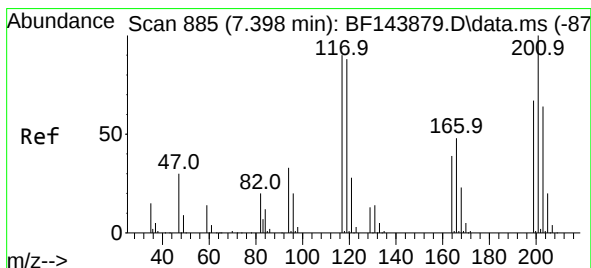
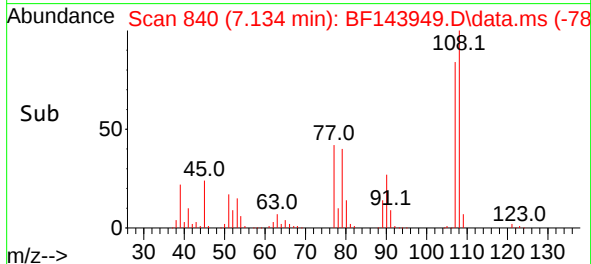
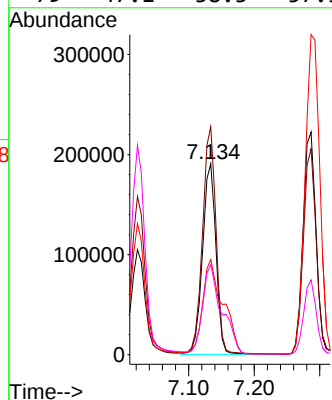
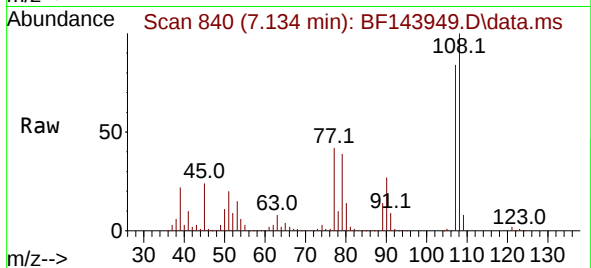




#17
2-Methylphenol
Concen: 45.365 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

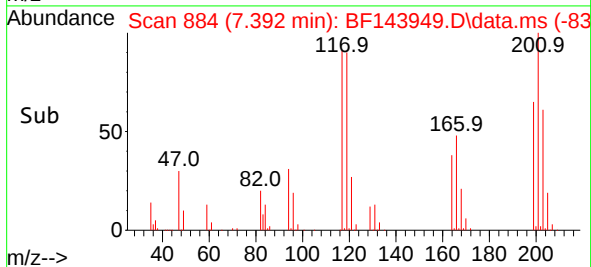
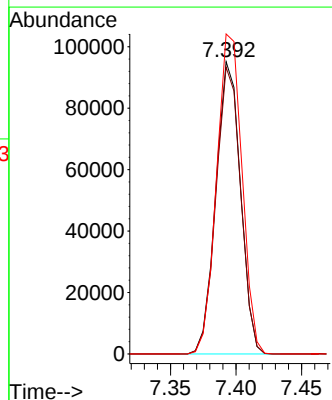
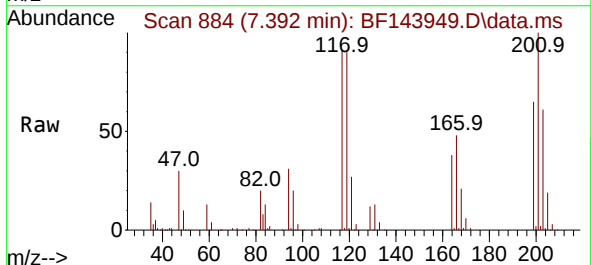
Instrument :
BNA_F
ClientSampleId :
PB170055BS

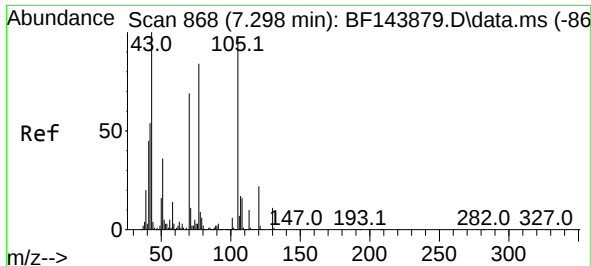
Tgt Ion:107 Resp: 274129
Ion Ratio Lower Upper
107 100
108 119.4 94.7 142.1
77 49.7 38.8 58.2
79 47.1 38.3 57.5



#18
Hexachloroethane
Concen: 43.220 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:117 Resp: 124439
Ion Ratio Lower Upper
117 100
119 98.0 77.8 116.8
201 109.4 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.626 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

Tgt Ion: 70 Resp: 260148

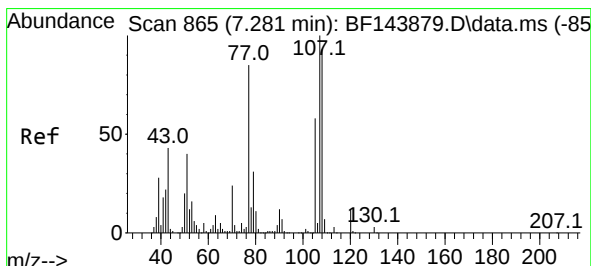
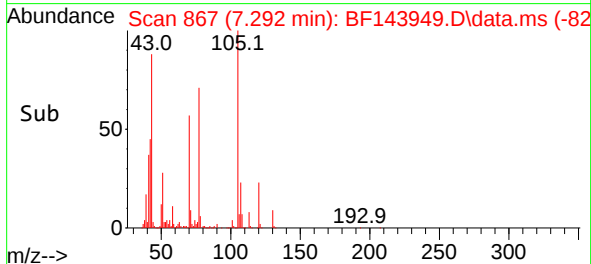
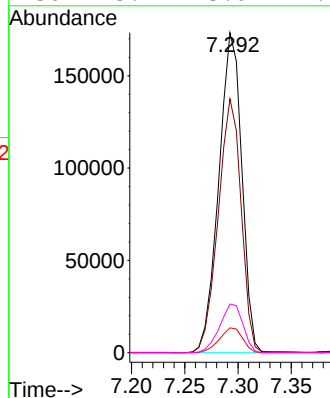
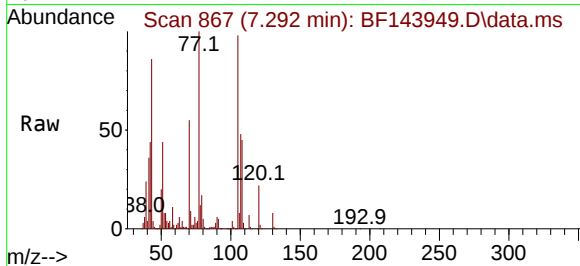
Ion Ratio Lower Upper

70 100

42 79.3 62.8 94.2

101 7.7 6.7 10.1

130 15.2 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.906 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Tgt Ion:107 Resp: 307492

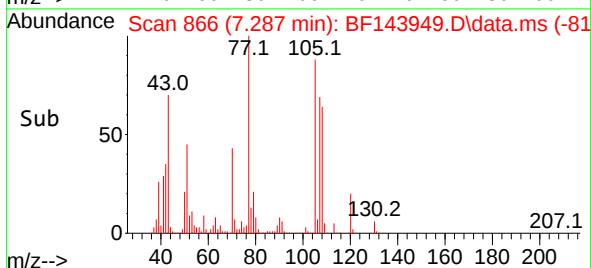
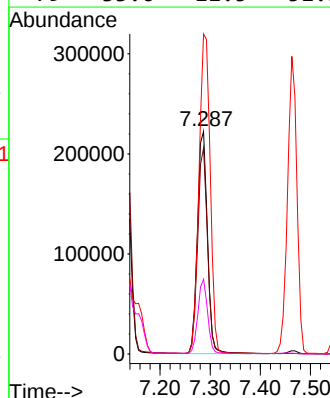
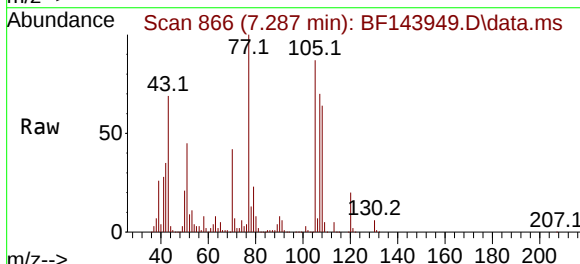
Ion Ratio Lower Upper

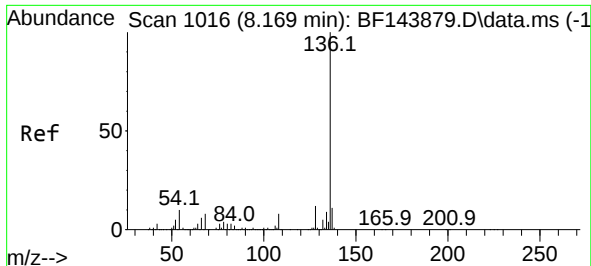
107 100

108 92.5 73.0 113.0

77 143.7 64.6 104.6#

79 33.6 11.5 51.5

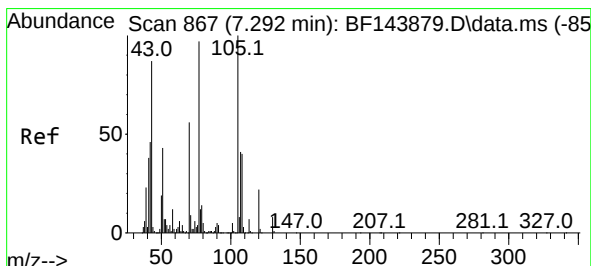
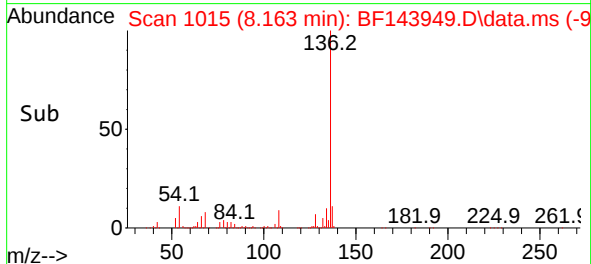
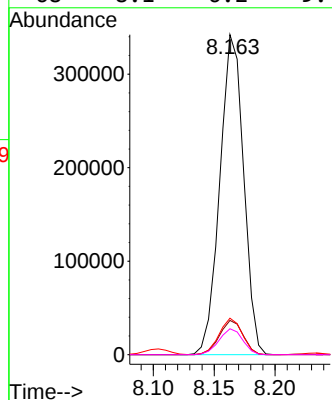
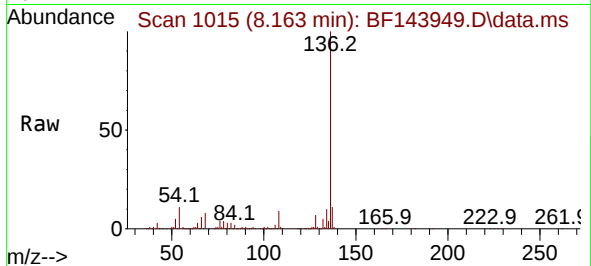




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

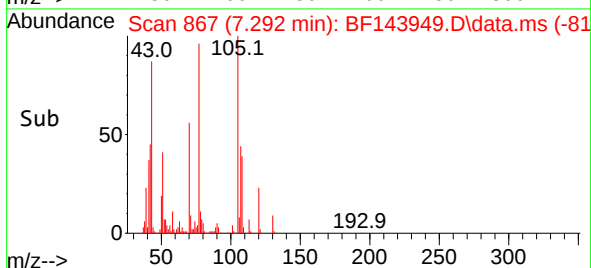
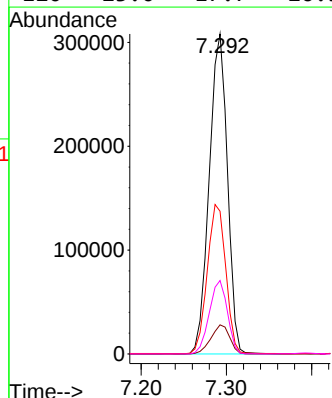
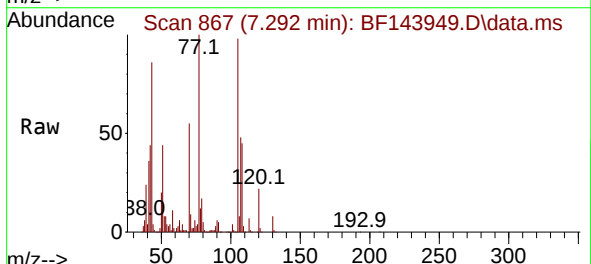
Instrument :
BNA_F
ClientSampleId :
PB170055BS

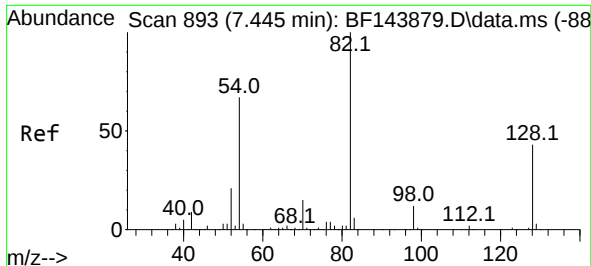
Tgt Ion:136	Resp:	465023	
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.4	8.2	12.4
68	8.1	6.2	9.4



#22
Acetophenone
Concen: 46.453 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt	Ion:105	Resp:	456756
Ion	Ratio	Lower	Upper
105	100		
71	9.1	7.4	11.0
51	44.6	34.2	51.4
120	23.0	17.7	26.5





#23

Nitrobenzene-d5

Concen: 86.564 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

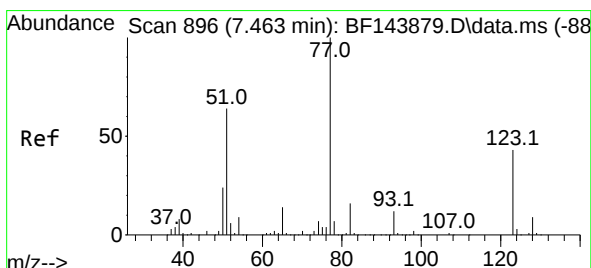
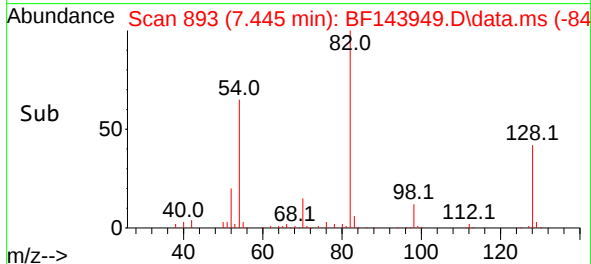
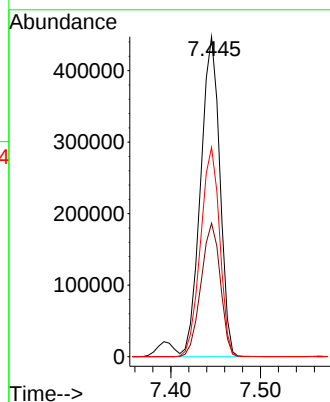
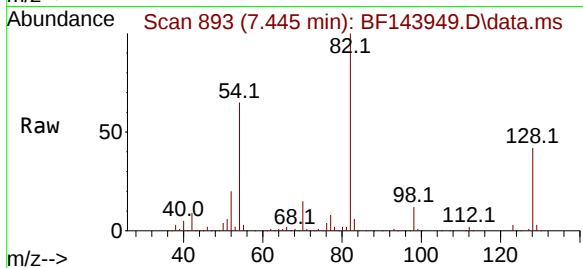
Tgt Ion: 82 Resp: 662572

Ion Ratio Lower Upper

82 100

128 41.7 34.0 51.0

54 65.4 53.2 79.8



#24

Nitrobenzene

Concen: 45.578 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

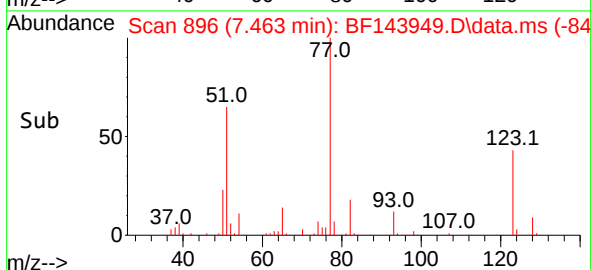
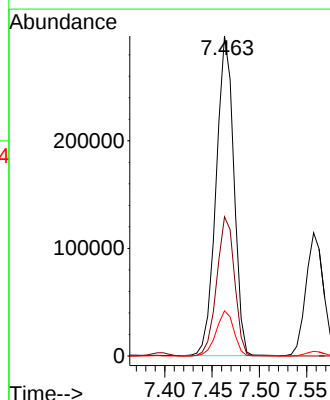
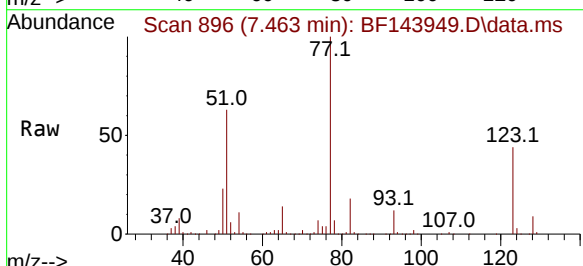
Tgt Ion: 77 Resp: 387411

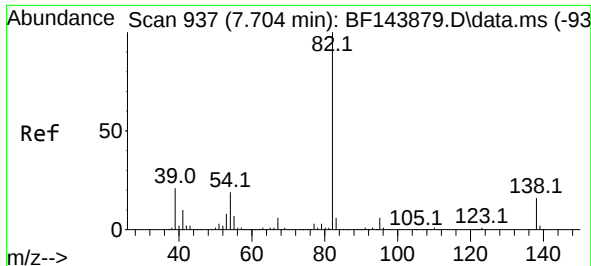
Ion Ratio Lower Upper

77 100

123 43.5 34.2 51.4

65 14.1 11.0 16.6

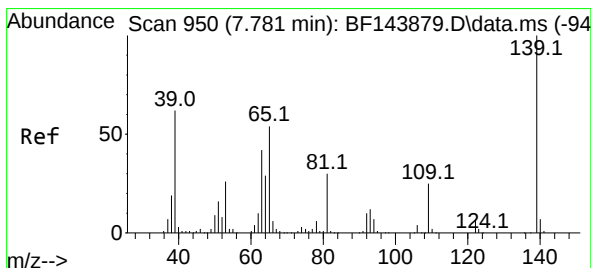
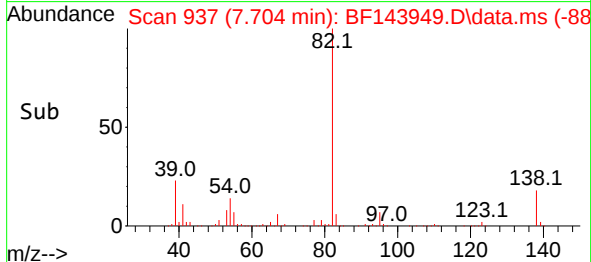
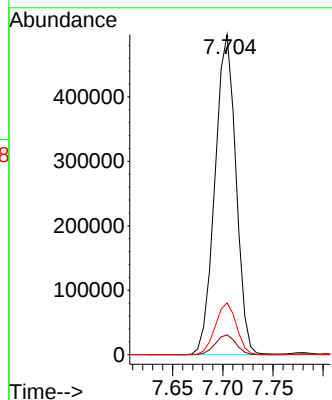
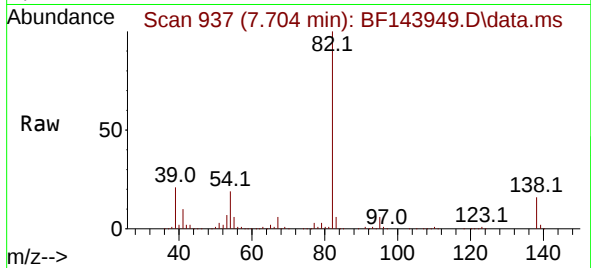




#25
Isophorone
Concen: 44.854 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

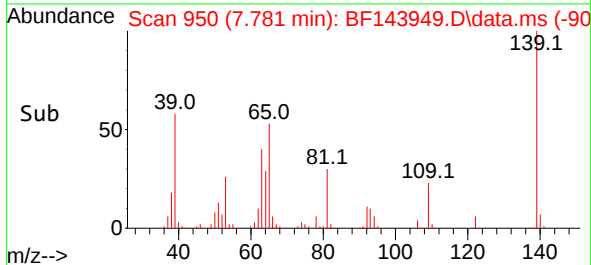
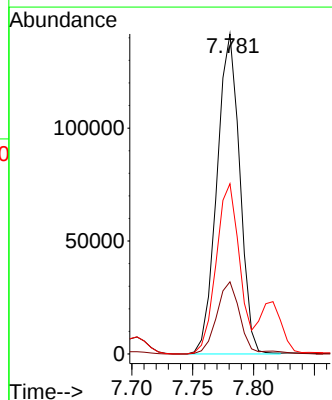
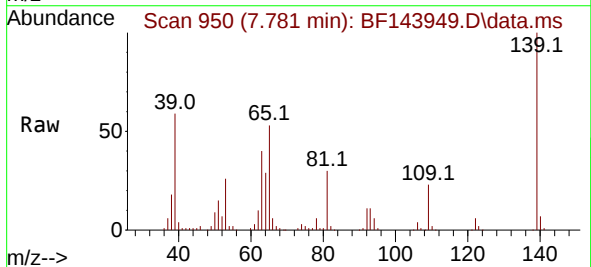
Instrument :
BNA_F
ClientSampleId :
PB170055BS

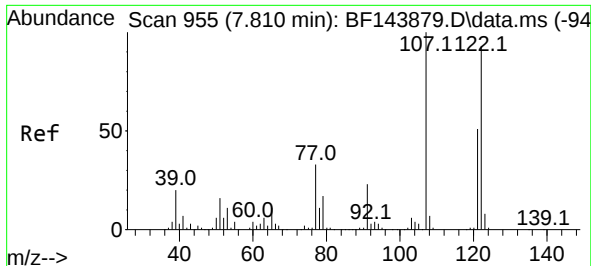
Tgt Ion: 82 Resp: 723901
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.2 12.9 19.3



#26
2-Nitrophenol
Concen: 50.871 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:139 Resp: 185383
Ion Ratio Lower Upper
139 100
109 22.5 19.8 29.6
65 53.2 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 48.575 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

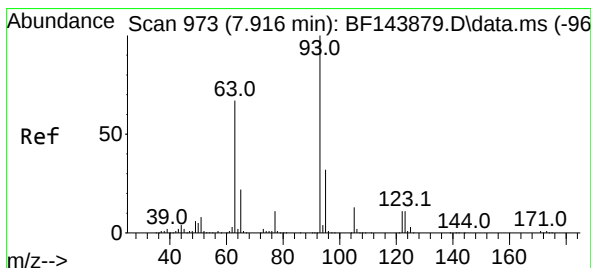
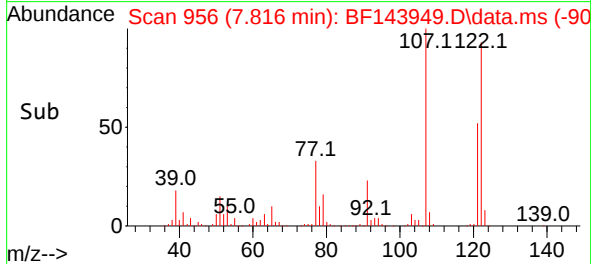
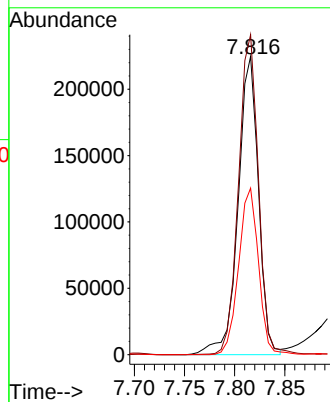
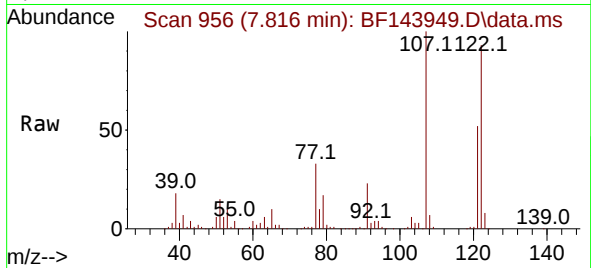
Tgt Ion:122 Resp: 318432

Ion Ratio Lower Upper

122 100

107 107.3 86.1 129.1

121 55.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.846 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

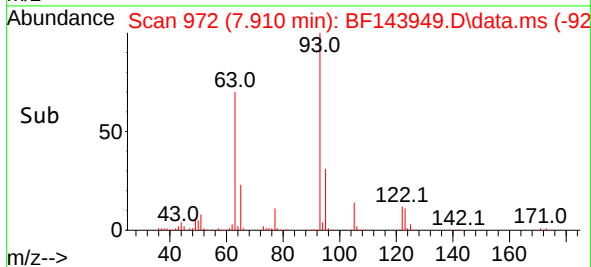
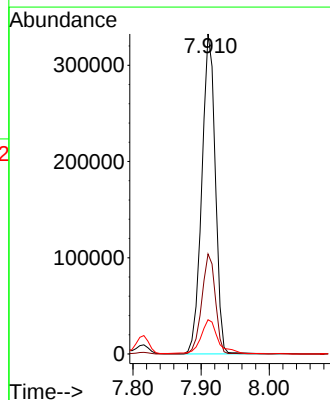
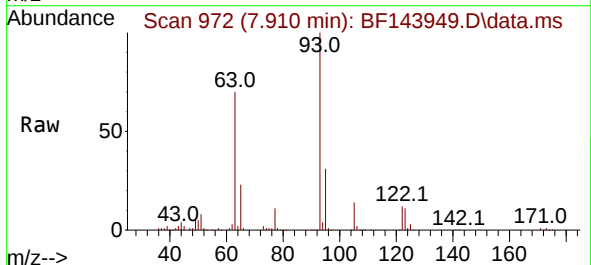
Tgt Ion: 93 Resp: 457201

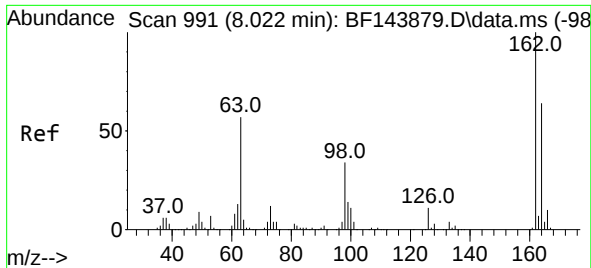
Ion Ratio Lower Upper

93 100

95 31.3 25.9 38.9

123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.016 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

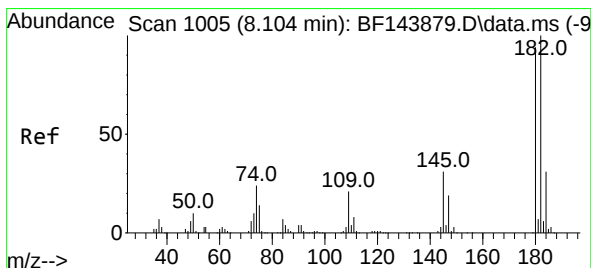
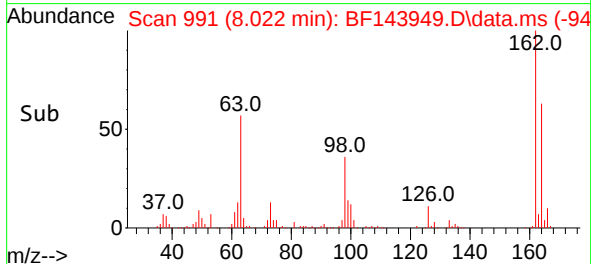
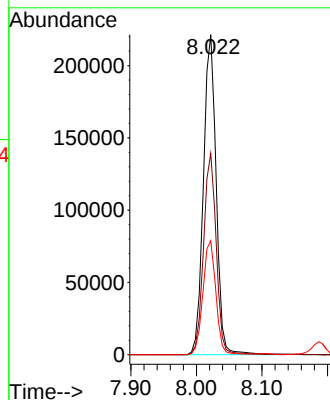
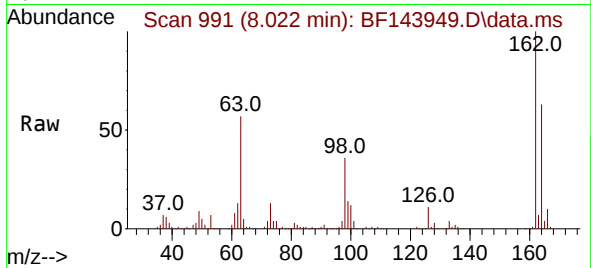
Tgt Ion:162 Resp: 300557

Ion Ratio Lower Upper

162 100

164 62.9 43.9 83.9

98 35.6 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 44.730 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

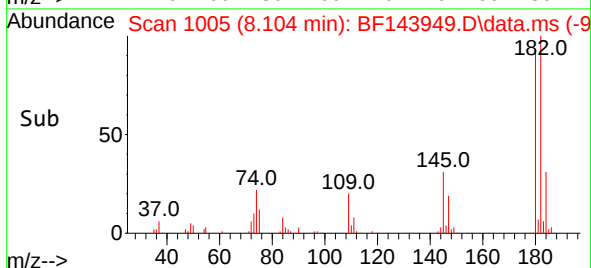
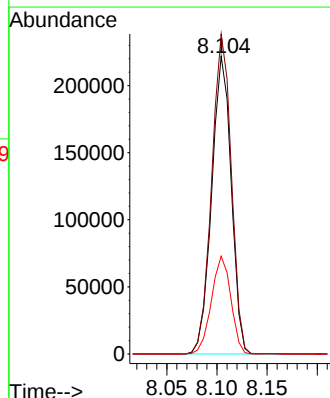
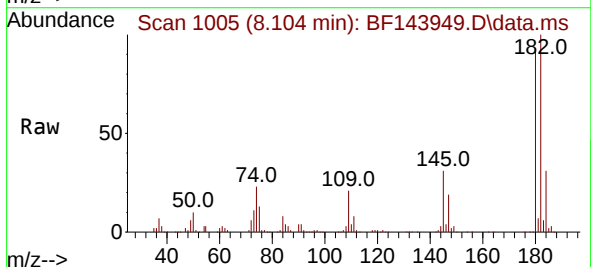
Tgt Ion:180 Resp: 300386

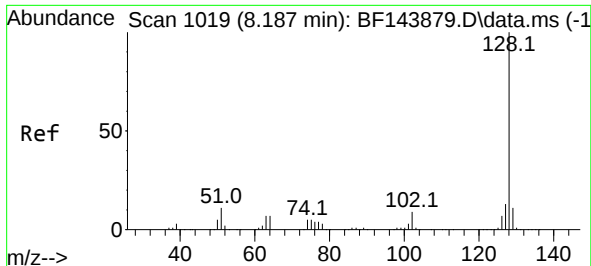
Ion Ratio Lower Upper

180 100

182 107.4 85.4 128.0

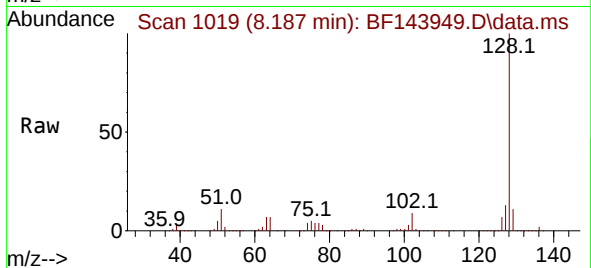
145 32.8 26.3 39.5



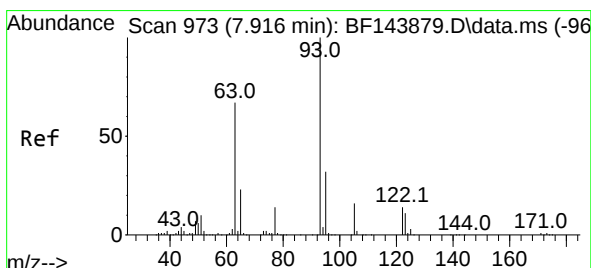
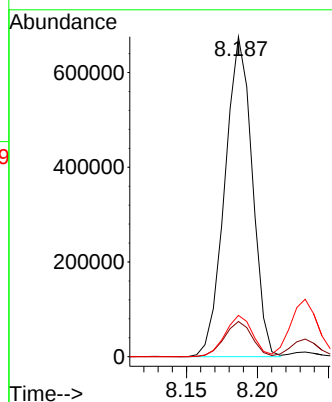
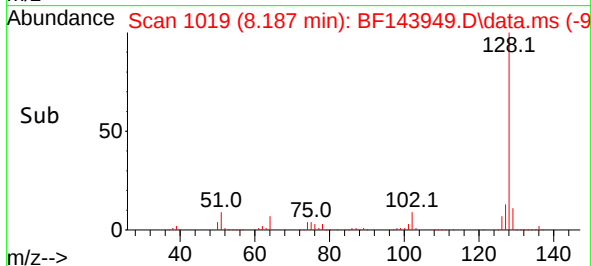


#31
Naphthalene
Concen: 42.827 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

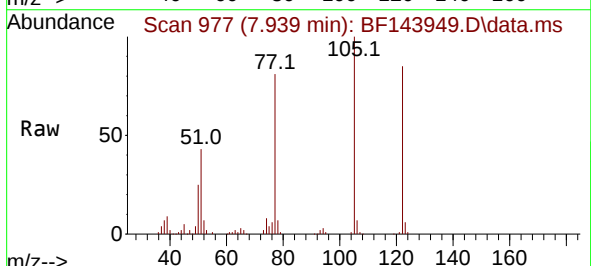
Instrument :
BNA_F
ClientSampleId :
PB170055BS



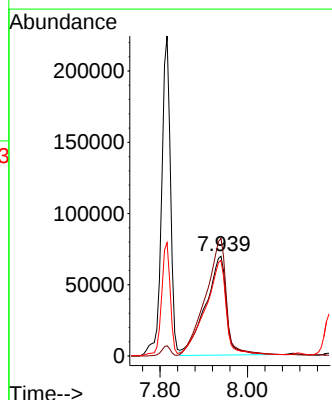
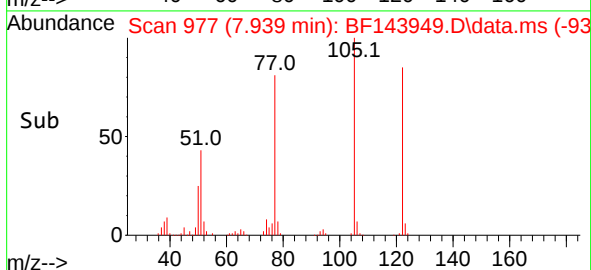
Tgt Ion:128 Resp: 905947
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.0 15.0

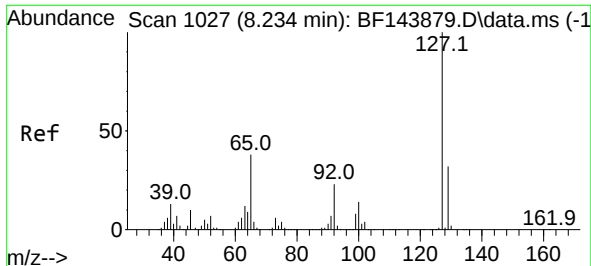


#32
Benzoic acid
Concen: 51.267 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13



Tgt Ion:122 Resp: 232590
Ion Ratio Lower Upper
122 100
105 117.9 93.5 133.5
77 95.8 76.3 116.3

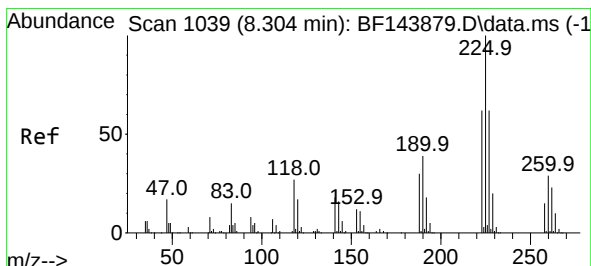
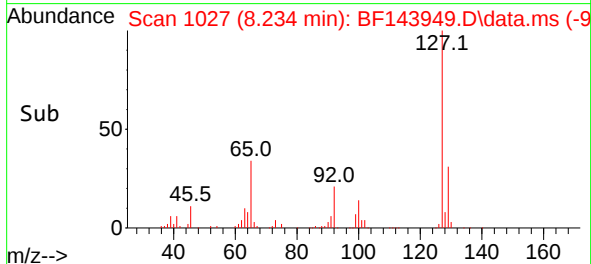
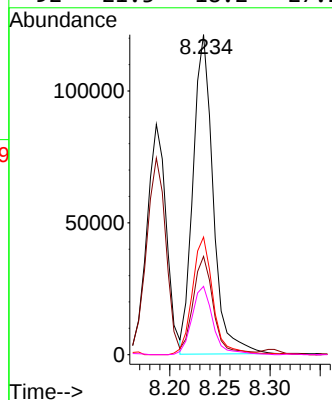
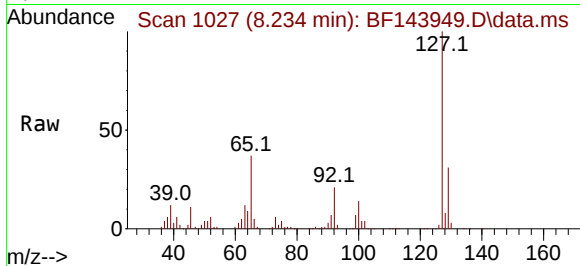




#33
4-Chloroaniline
Concen: 21.248 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

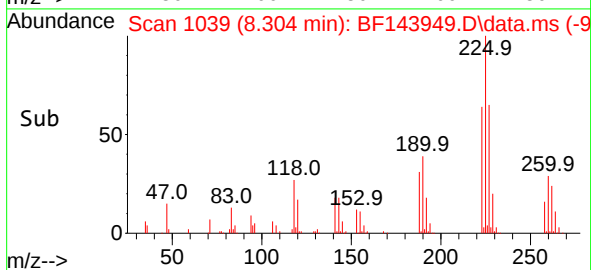
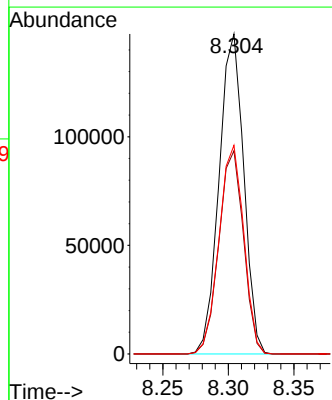
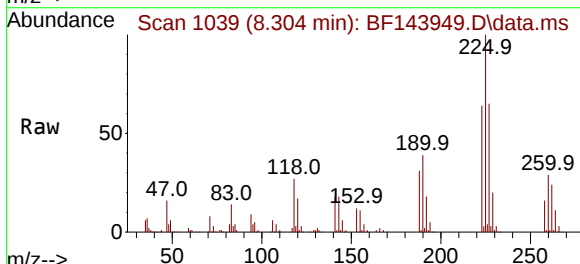
Instrument :
BNA_F
ClientSampleId :
PB170055BS

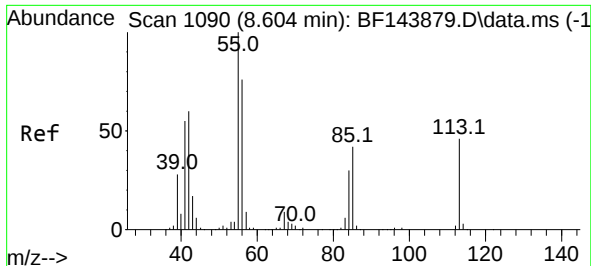
Tgt Ion:	127	Resp:	168571
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.8
65	36.7	30.0	45.0
92	21.3	18.2	27.2



#34
Hexachlorobutadiene
Concen: 41.250 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:	225	Resp:	192496
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.2
227	65.2	49.7	74.5

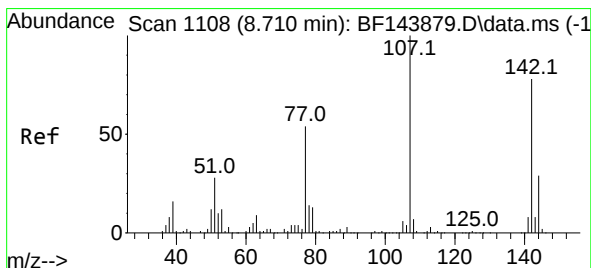
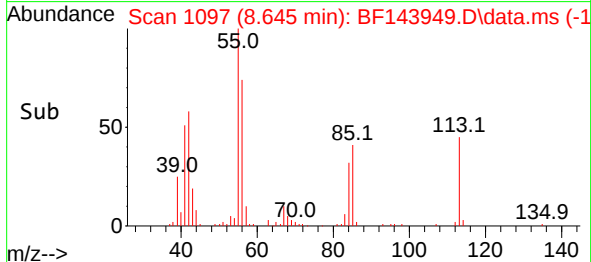
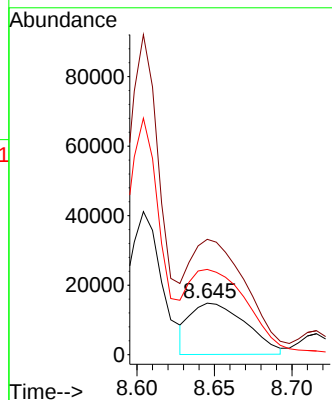
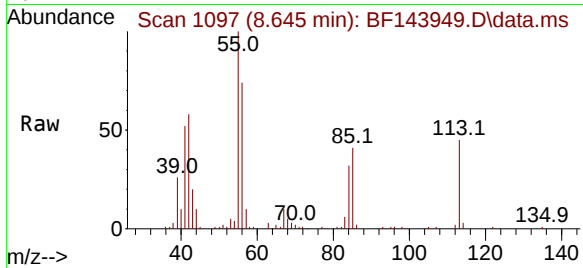




#35
 Caprolactam
 Concen: 16.996 ng
 RT: 8.645 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143949.D
 Acq: 14 Oct 2025 16:13

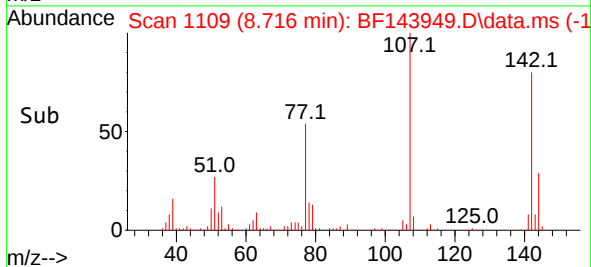
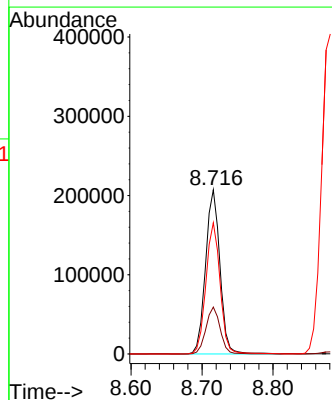
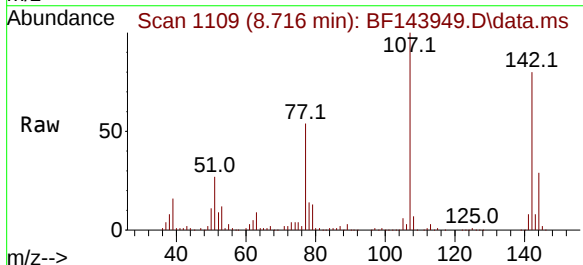
Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS

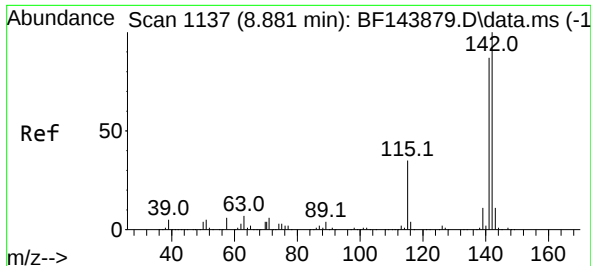
Tgt Ion:113 Resp: 36900
 Ion Ratio Lower Upper
 113 100
 55 224.1 199.6 239.6
 56 165.8 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.626 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143949.D
 Acq: 14 Oct 2025 16:13

Tgt Ion:107 Resp: 292710
 Ion Ratio Lower Upper
 107 100
 144 28.5 23.1 34.7
 142 80.0 62.6 94.0

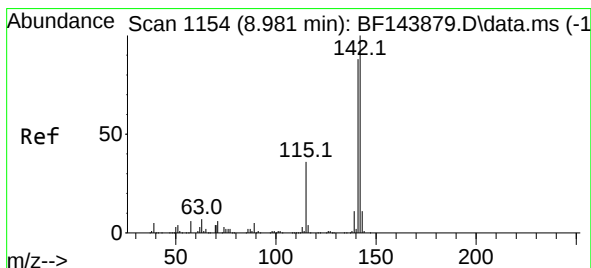
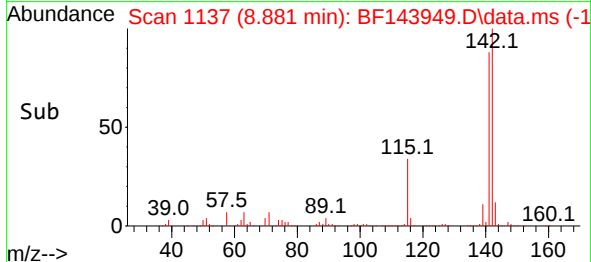
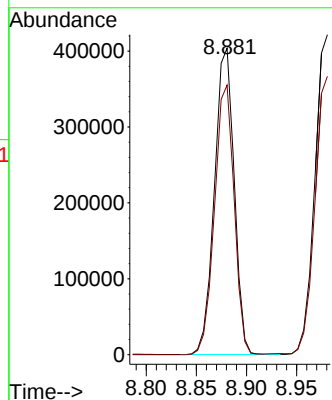
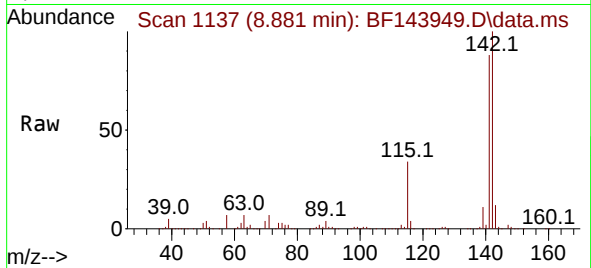




#37
2-Methylnaphthalene
Concen: 39.091 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

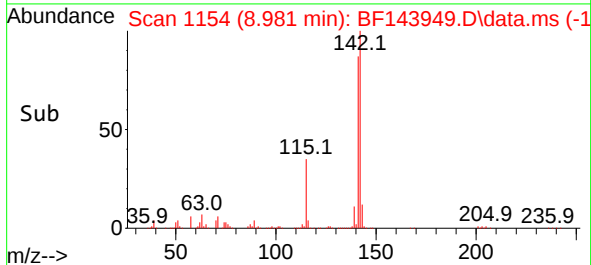
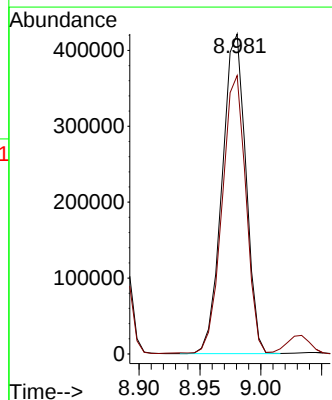
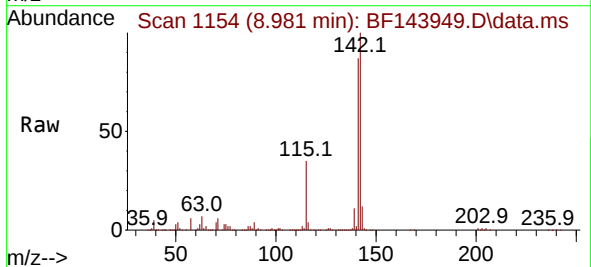
Instrument :
BNA_F
ClientSampleId :
PB170055BS

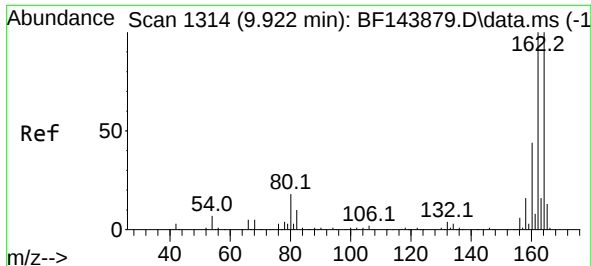
Tgt Ion:142 Resp: 550824
Ion Ratio Lower Upper
142 100
141 88.0 69.2 103.8



#38
1-Methylnaphthalene
Concen: 41.830 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:142 Resp: 571719
Ion Ratio Lower Upper
142 100
141 87.0 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

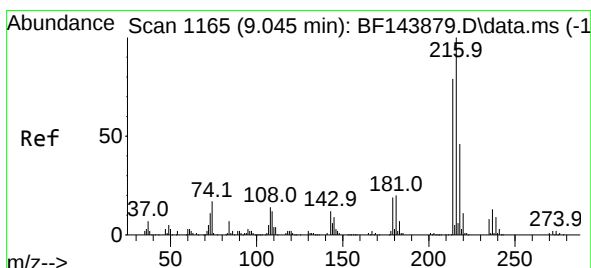
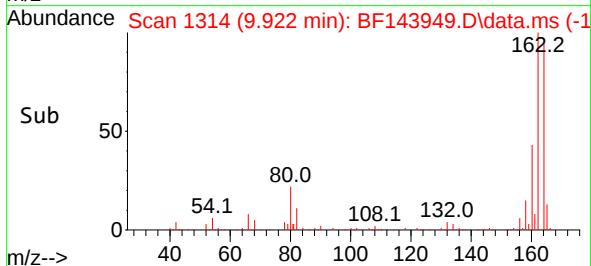
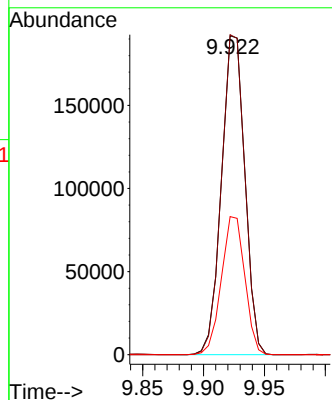
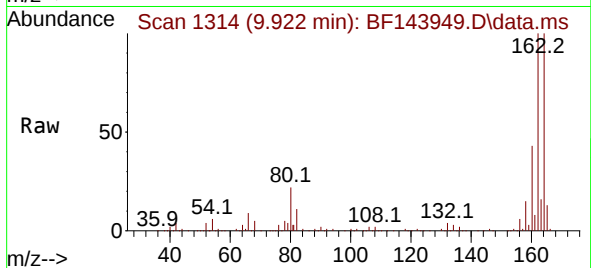
Tgt Ion:164 Resp: 256823

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

160 43.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.618 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Tgt Ion:216 Resp: 323807

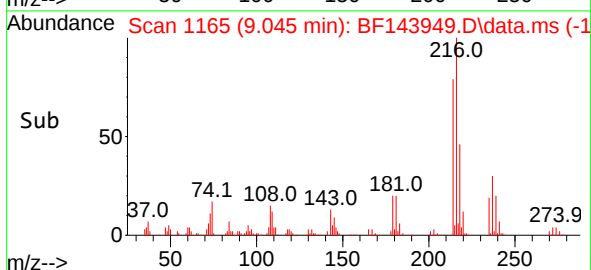
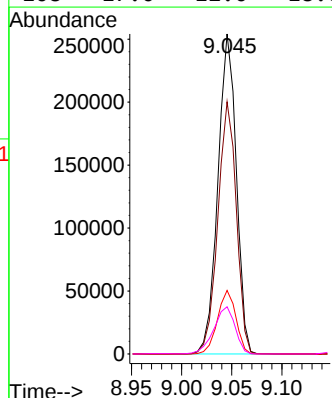
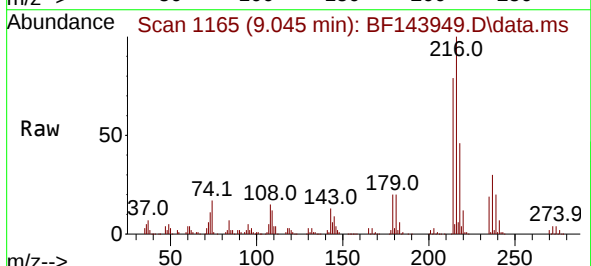
Ion Ratio Lower Upper

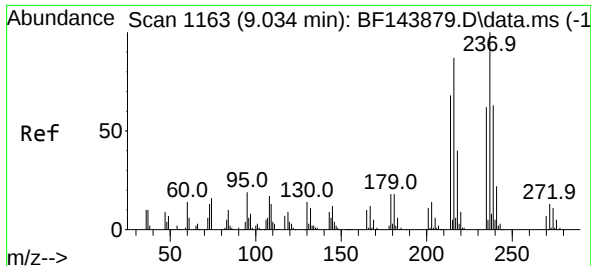
216 100

214 79.0 62.6 94.0

179 19.8 15.4 23.0

108 17.0 12.0 18.0

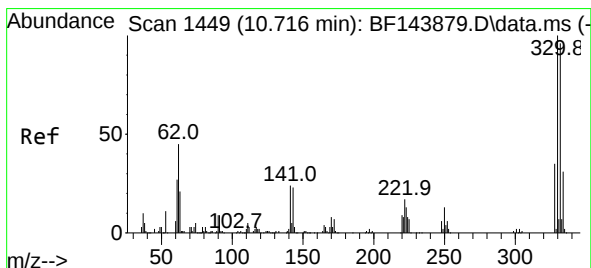
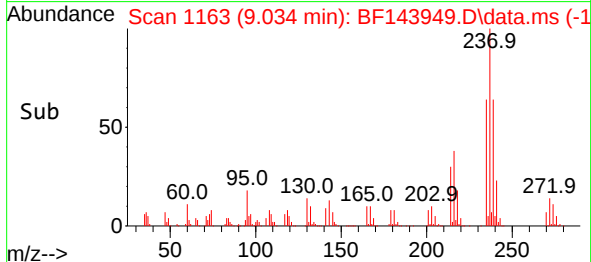
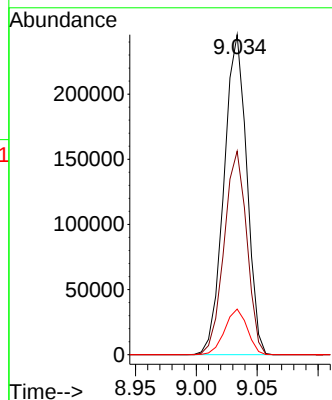
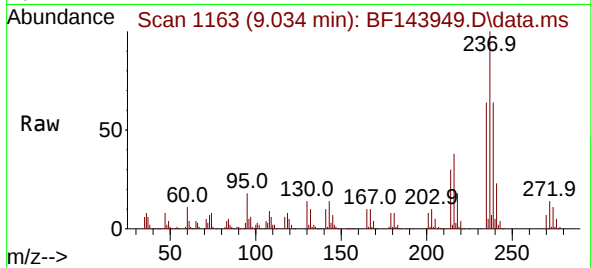




#41
Hexachlorocyclopentadiene
Concen: 108.649 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

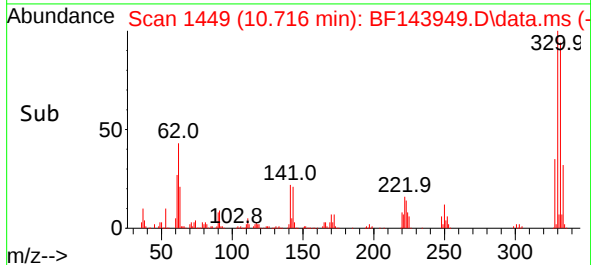
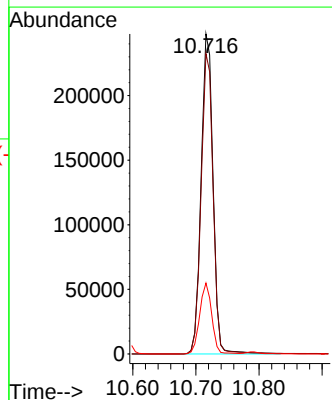
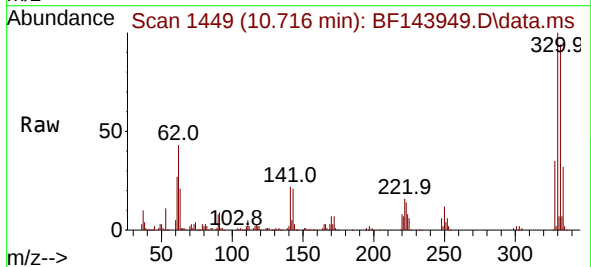
Instrument :
BNA_F
ClientSampleId :
PB170055BS

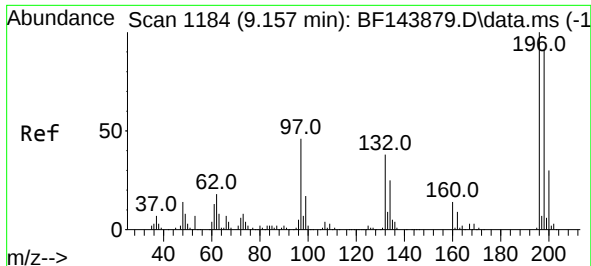
Tgt Ion:237 Resp: 319945
Ion Ratio Lower Upper
237 100
235 63.6 42.3 82.3
272 14.3 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 127.036 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:330 Resp: 324960
Ion Ratio Lower Upper
330 100
332 94.5 76.9 115.3
141 22.4 20.2 30.4

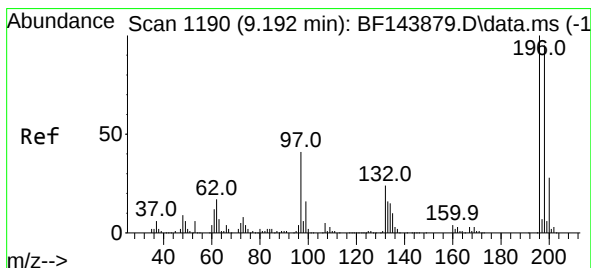
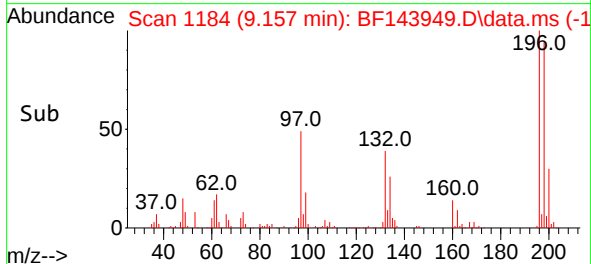
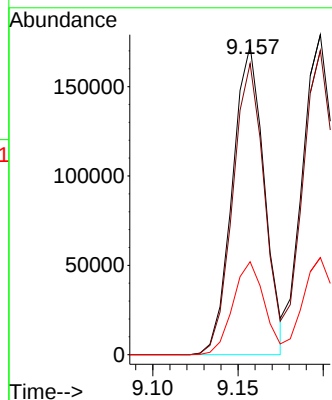
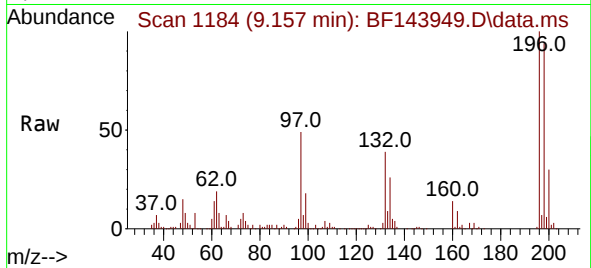




#43
2,4,6-Trichlorophenol
Concen: 43.442 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

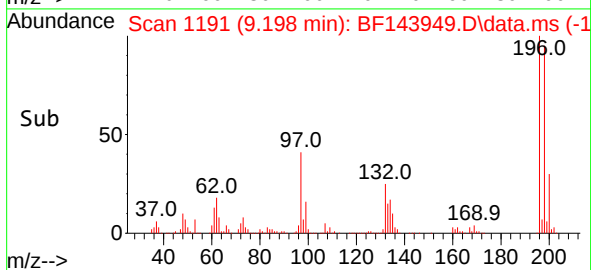
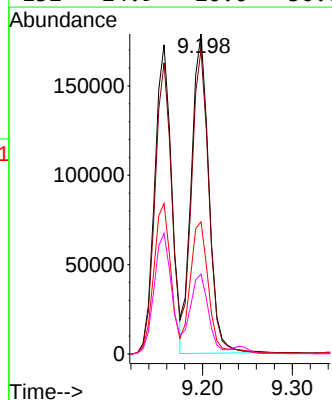
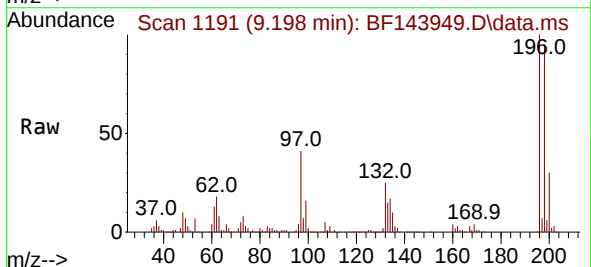
Instrument :
BNA_F
ClientSampleId :
PB170055BS

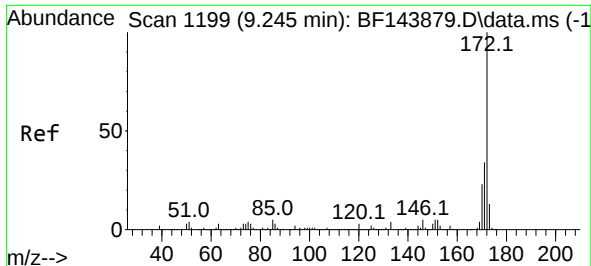
Tgt Ion:196 Resp: 225309
Ion Ratio Lower Upper
196 100
198 94.2 72.8 109.2
200 30.1 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 44.031 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:196 Resp: 241324
Ion Ratio Lower Upper
196 100
198 95.1 75.5 113.3
97 41.3 33.9 50.9
132 24.9 20.0 30.0

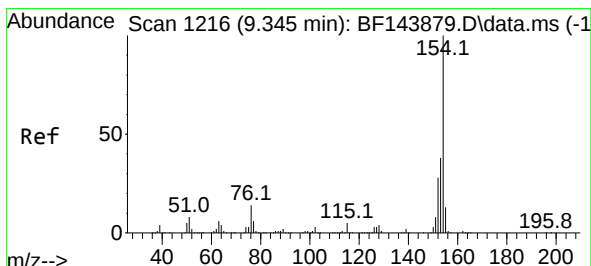
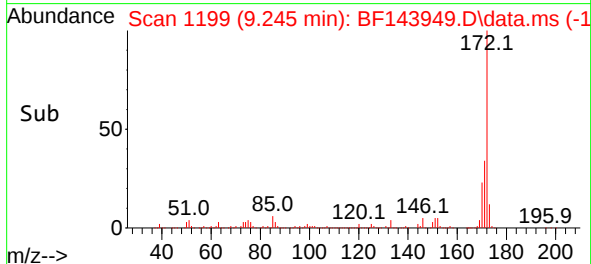
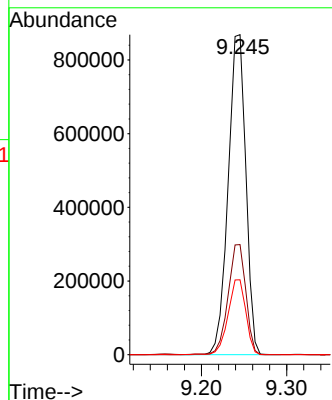
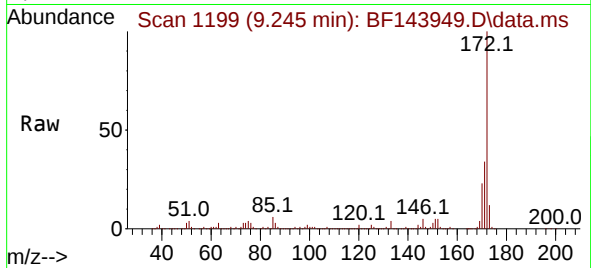




#45
2-Fluorobiphenyl
Concen: 77.208 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

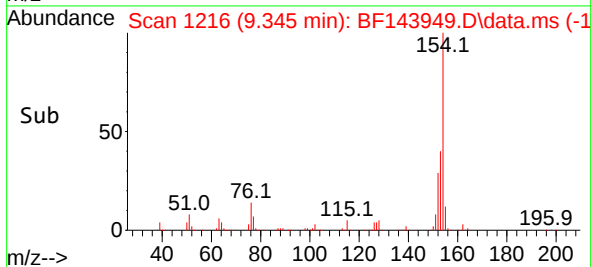
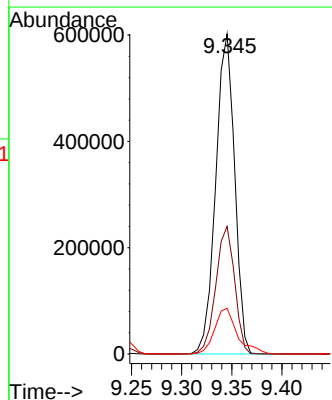
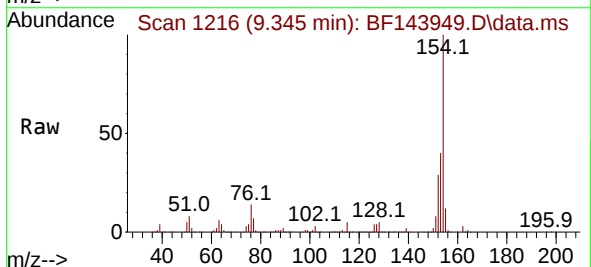
Instrument :
BNA_F
ClientSampleId :
PB170055BS

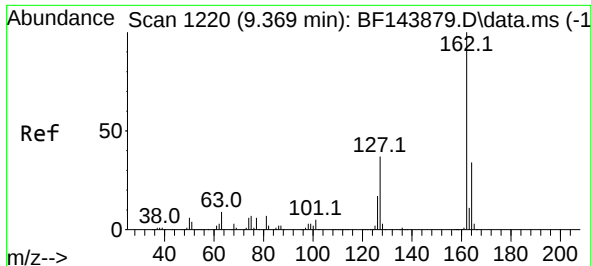
Tgt Ion:172 Resp: 1249663
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.319 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:154 Resp: 787600
Ion Ratio Lower Upper
154 100
153 39.8 18.4 58.4
76 14.3 0.0 34.0

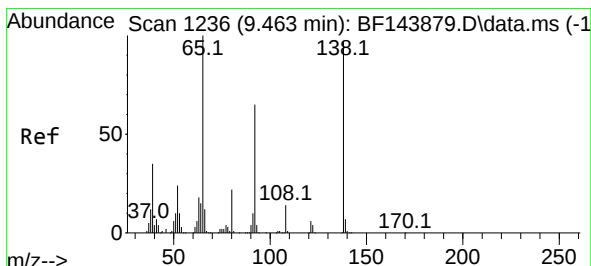
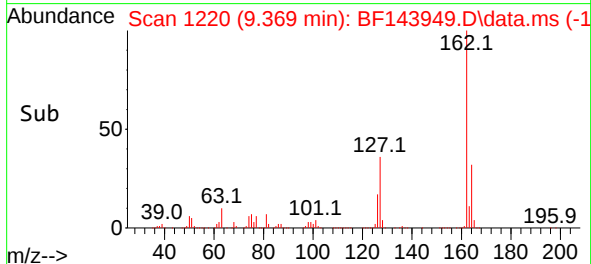
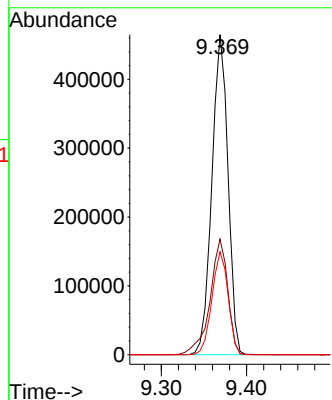
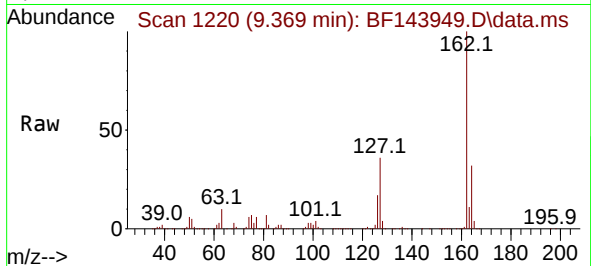




#47
2-Chloronaphthalene
Concen: 43.002 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

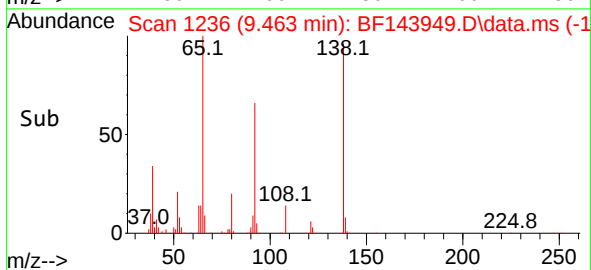
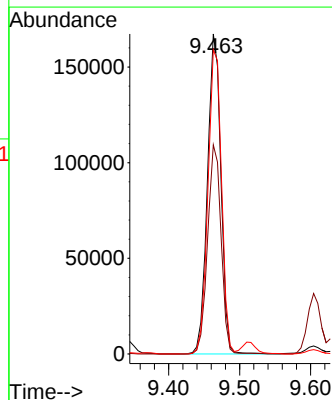
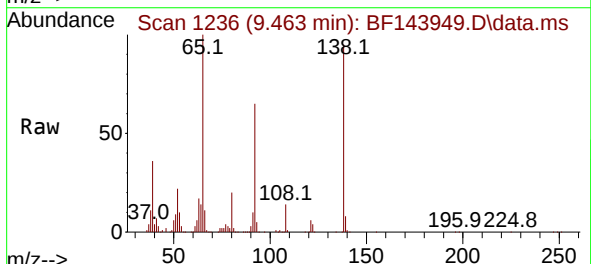
Instrument :
BNA_F
ClientSampleId :
PB170055BS

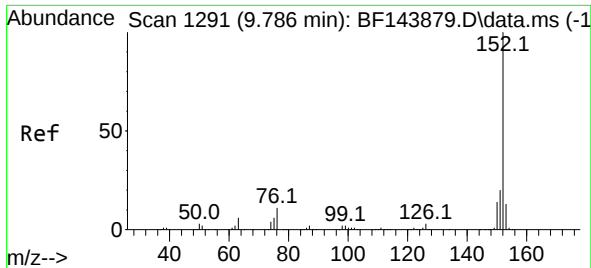
Tgt Ion:162 Resp: 609645
Ion Ratio Lower Upper
162 100
127 36.1 30.2 45.2
164 32.2 26.9 40.3



#48
2-Nitroaniline
Concen: 49.132 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion: 65 Resp: 220218
Ion Ratio Lower Upper
65 100
92 65.3 52.1 78.1
138 95.1 77.4 116.2

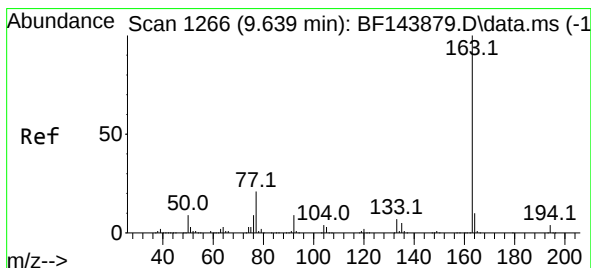
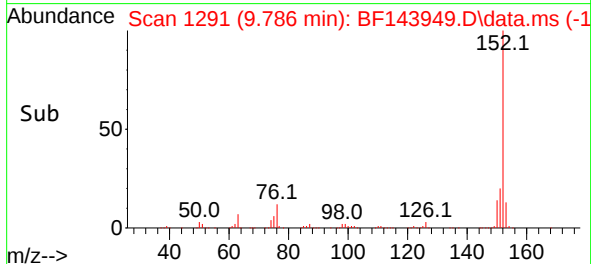
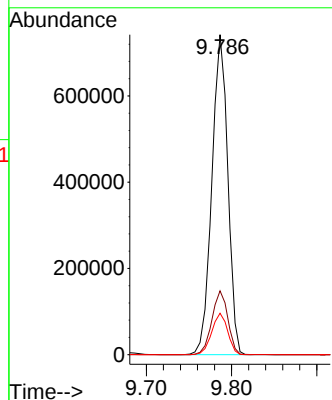
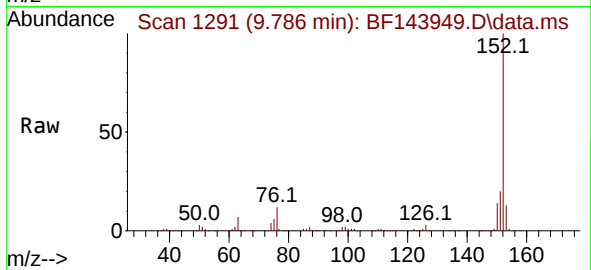




#49
Acenaphthylene
Concen: 48.525 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

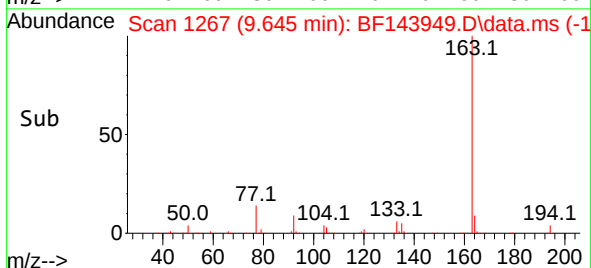
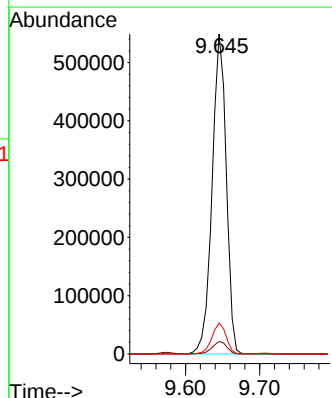
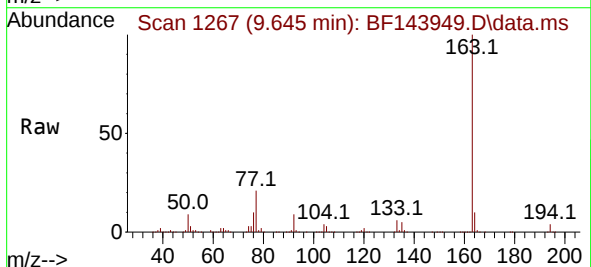
Instrument :
BNA_F
ClientSampleId :
PB170055BS

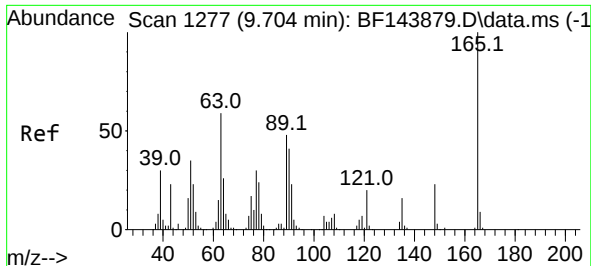
Tgt Ion:152 Resp: 967163
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 44.552 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:163 Resp: 726615
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 8.1 12.1

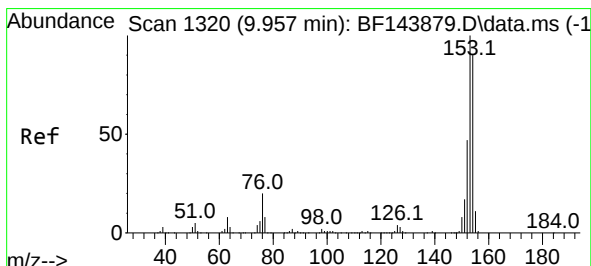
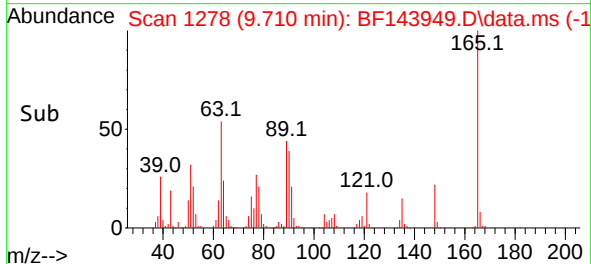
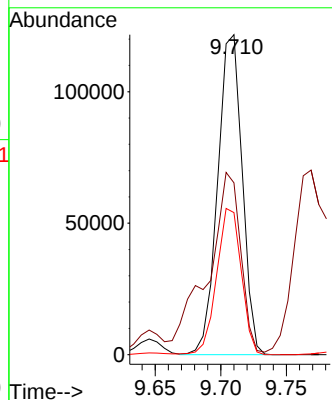
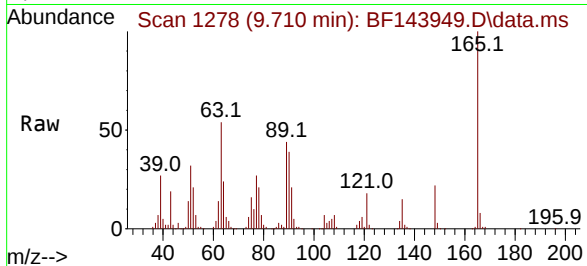




#51
2,6-Dinitrotoluene
Concen: 52.302 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

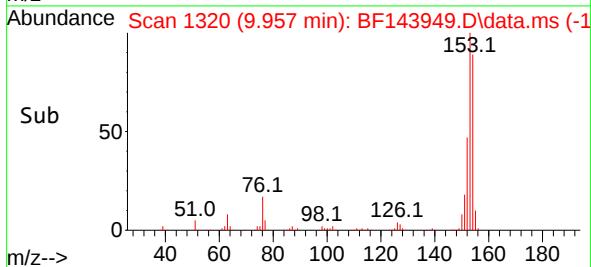
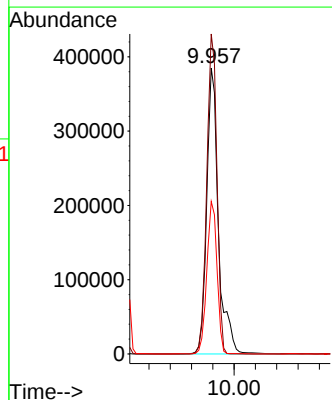
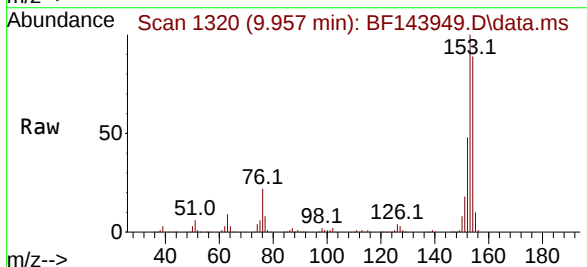
Instrument :
BNA_F
ClientSampleId :
PB170055BS

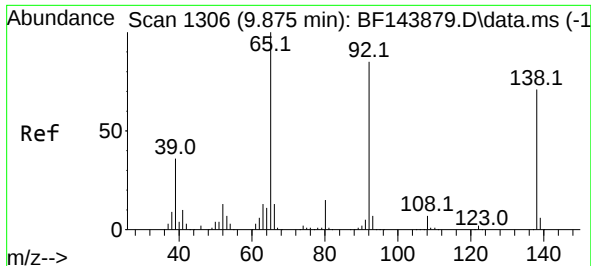
Tgt Ion:165 Resp: 158175
Ion Ratio Lower Upper
165 100
63 53.7 47.3 70.9
89 44.4 38.2 57.4



#52
Acenaphthene
Concen: 44.870 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:154 Resp: 585998
Ion Ratio Lower Upper
154 100
153 111.9 89.3 133.9
152 53.3 42.2 63.2

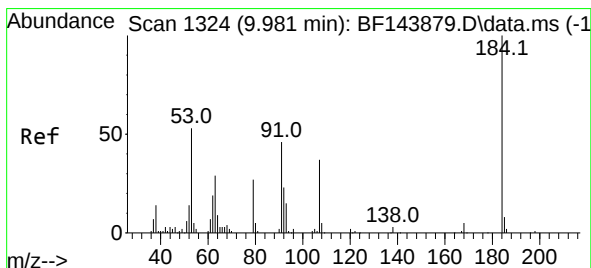
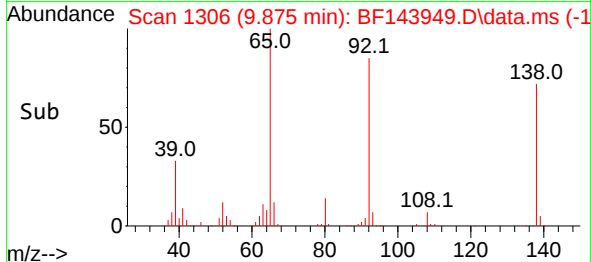
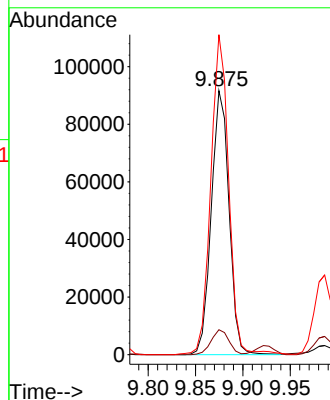
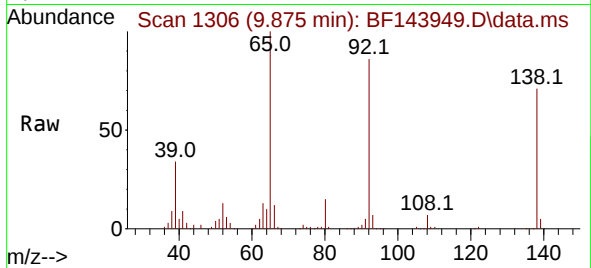




#53
3-Nitroaniline
Concen: 32.248 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

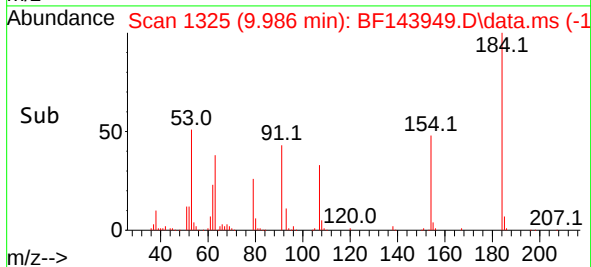
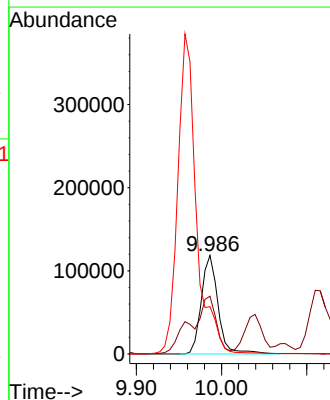
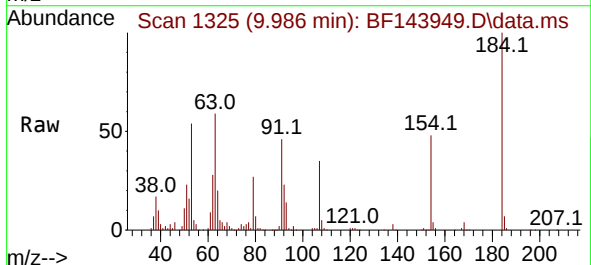
Instrument :
BNA_F
ClientSampleId :
PB170055BS

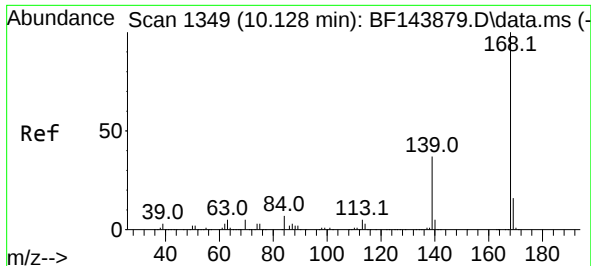
Tgt Ion:138 Resp: 119416
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 121.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 86.267 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:184 Resp: 162038
Ion Ratio Lower Upper
184 100
63 58.7 48.2 72.4
154 48.1 49.2 73.8#

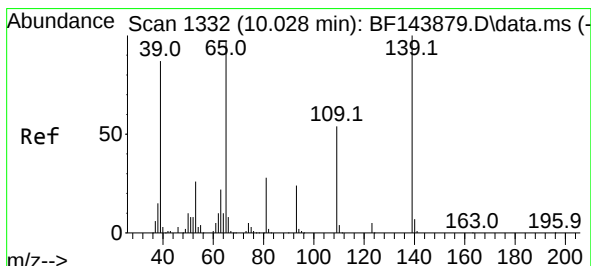
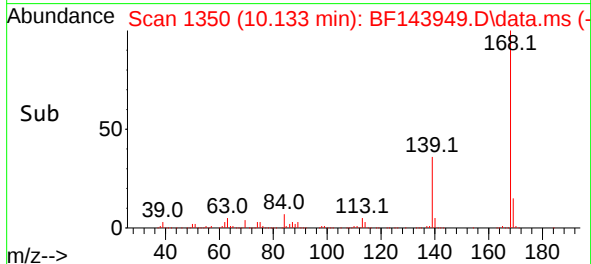
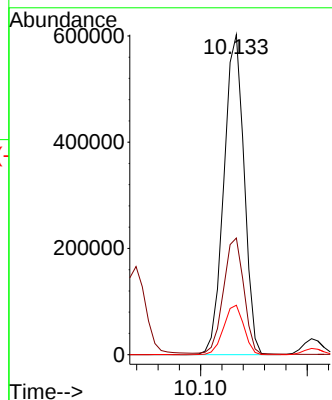
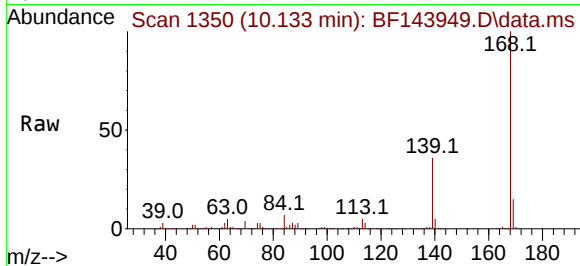




#55
Dibenzenofuran
Concen: 42.984 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

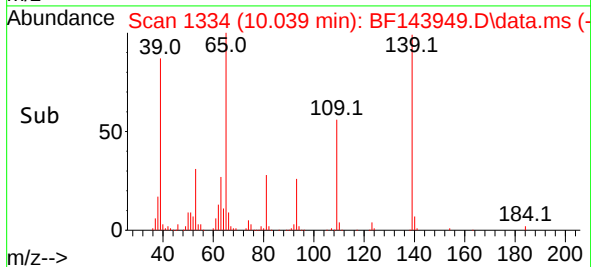
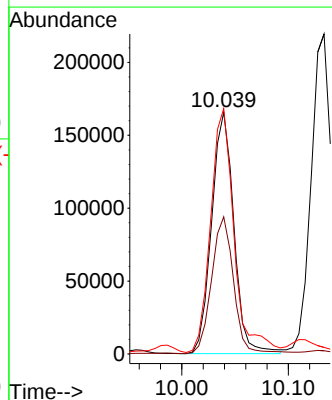
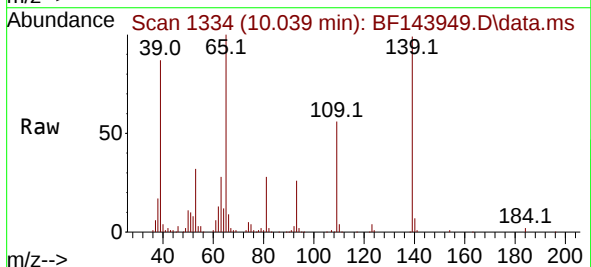
Instrument :
BNA_F
ClientSampleId :
PB170055BS

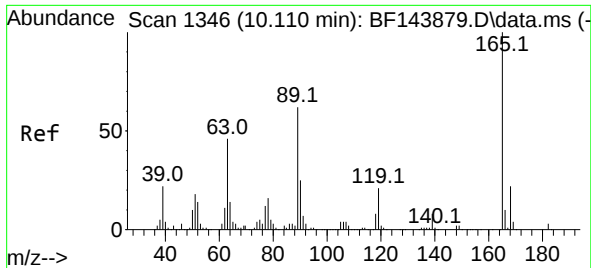
Tgt Ion:168 Resp: 792450
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.8
169 15.5 12.8 19.2



#56
4-Nitrophenol
Concen: 85.616 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:139 Resp: 240051
Ion Ratio Lower Upper
139 100
109 56.7 34.5 74.5
65 101.5 77.6 117.6

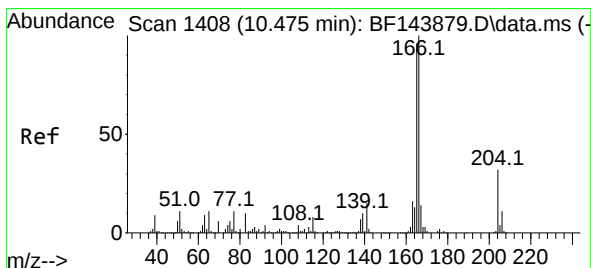
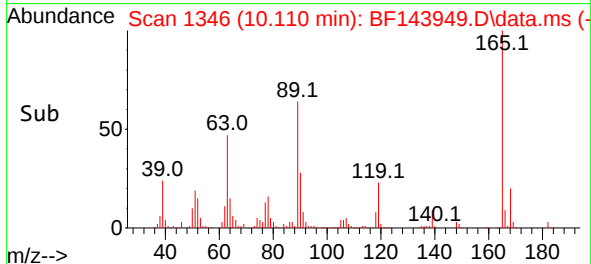
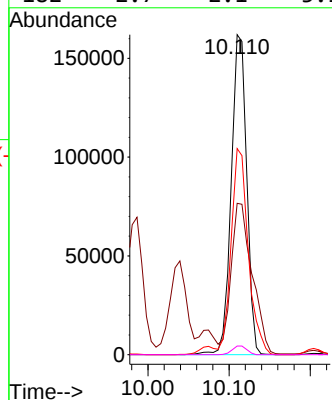
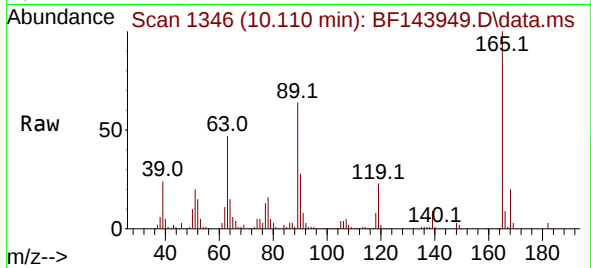




#57
2,4-Dinitrotoluene
Concen: 52.070 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

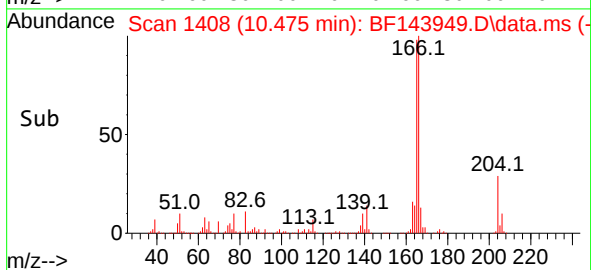
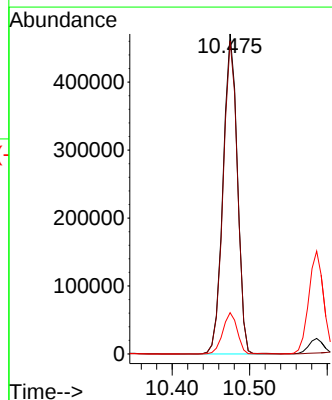
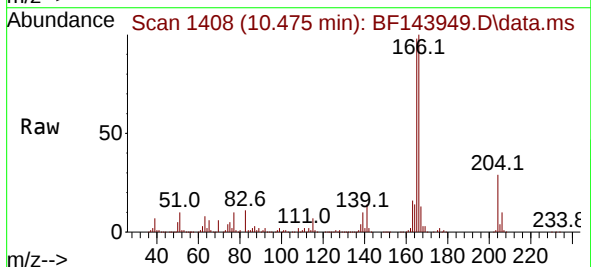
Instrument :
BNA_F
ClientSampleId :
PB170055BS

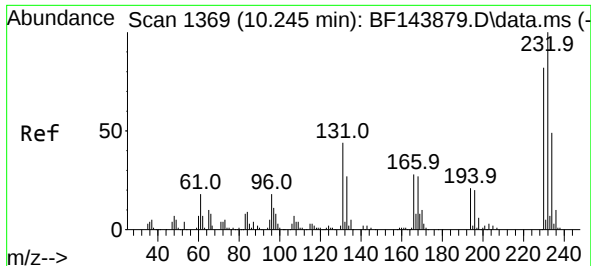
Tgt Ion:165 Resp: 214262
Ion Ratio Lower Upper
165 100
63 47.3 37.2 55.8
89 64.4 49.4 74.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 43.328 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:166 Resp: 602736
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.6
167 12.9 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.993 ng

RT: 10.204 min Scan# 1362

Delta R.T. -0.047 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

Tgt Ion:232 Resp: 186201

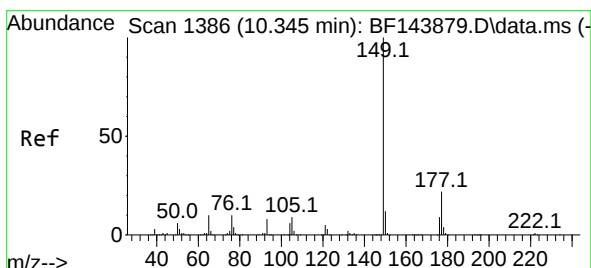
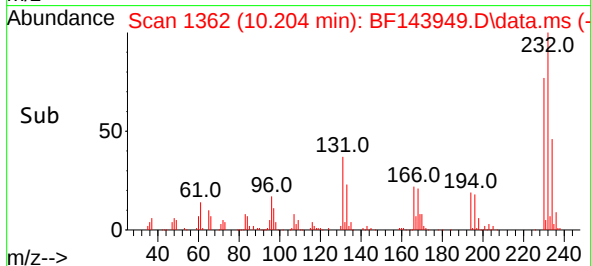
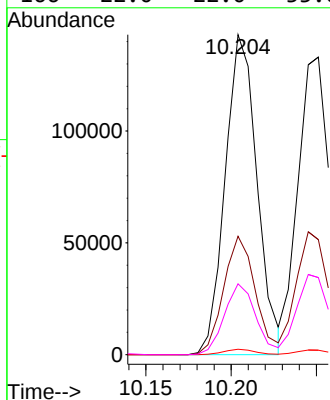
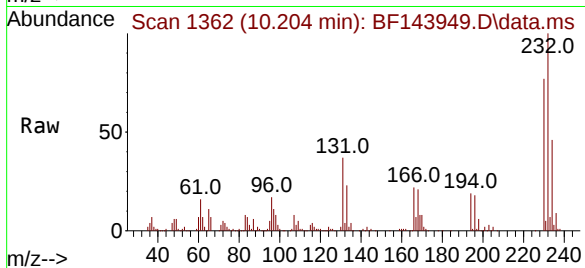
Ion Ratio Lower Upper

232 100

131 36.9 34.9 52.3

130 1.7 1.6 2.4

166 22.0 22.0 33.0



#60

Diethylphthalate

Concen: 43.636 ng

RT: 10.345 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

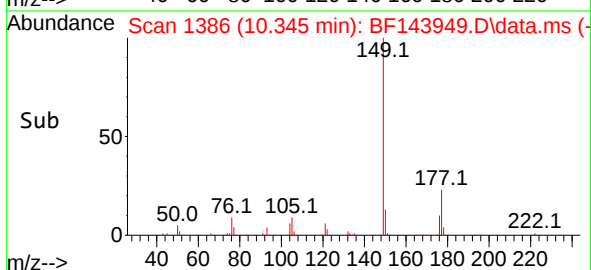
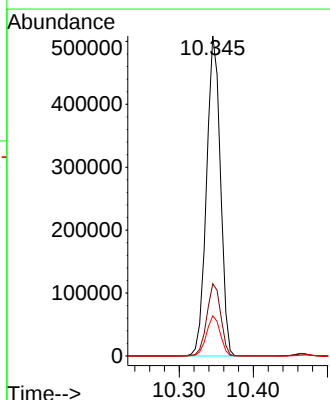
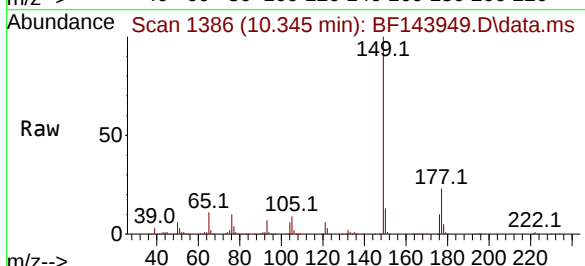
Tgt Ion:149 Resp: 661161

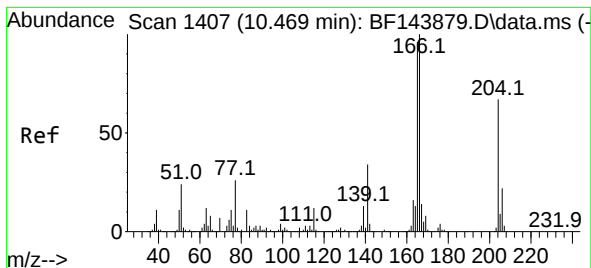
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

150 12.5 9.8 14.8

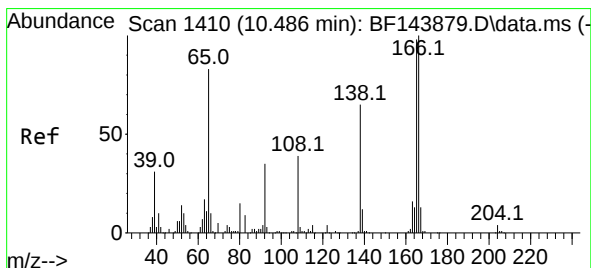
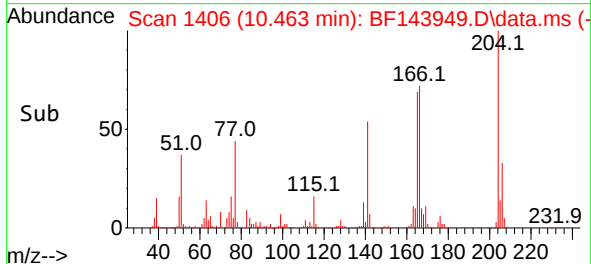
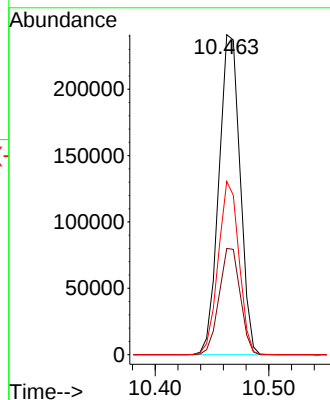
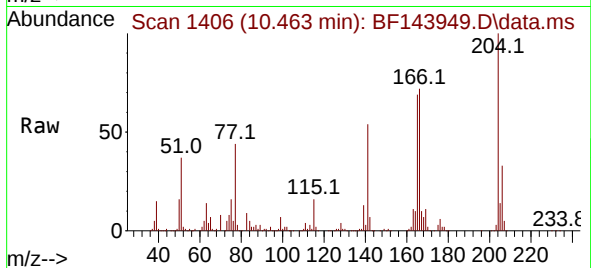




#61
4-Chlorophenyl-phenylether
Concen: 42.498 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

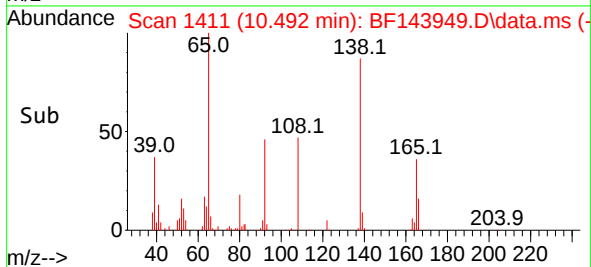
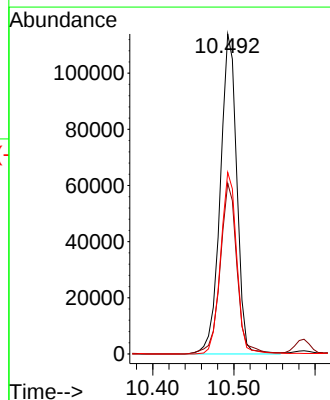
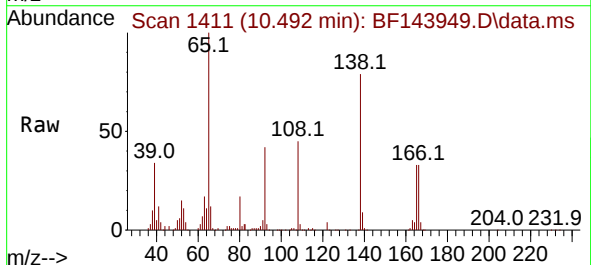
Instrument :
BNA_F
ClientSampleId :
PB170055BS

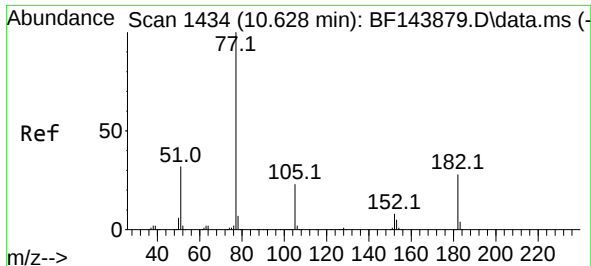
Tgt Ion:204 Resp: 312560
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 54.1 40.4 60.6



#62
4-Nitroaniline
Concen: 45.388 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:138 Resp: 161624
Ion Ratio Lower Upper
138 100
92 53.3 33.9 73.9
108 56.7 40.2 80.2

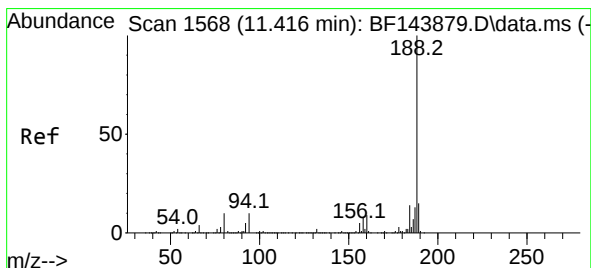
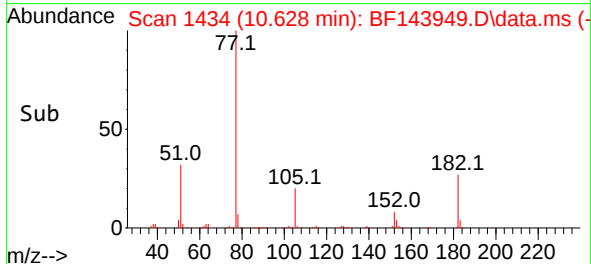
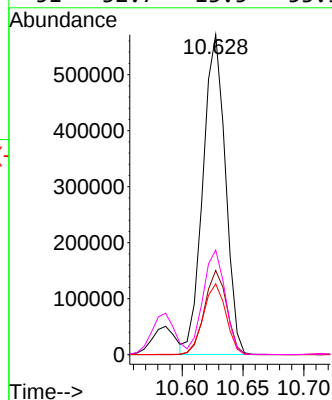
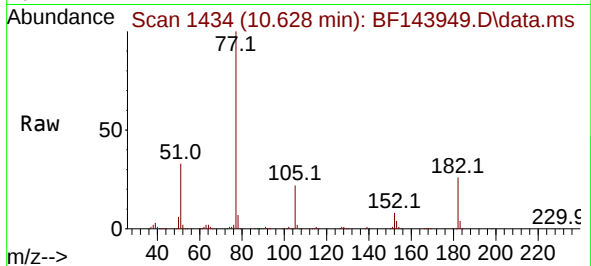




#63
Azobenzene
Concen: 46.187 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

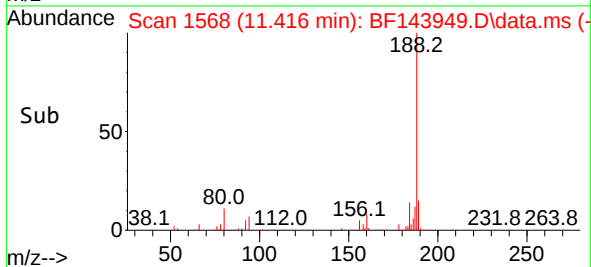
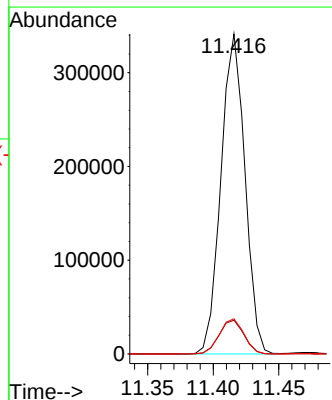
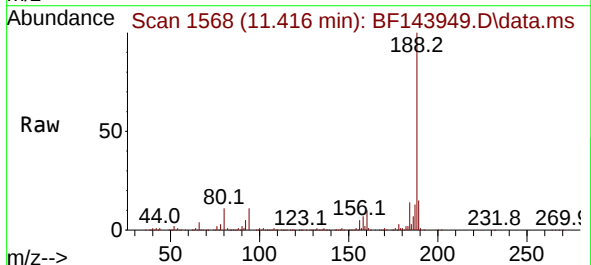
Instrument :
BNA_F
ClientSampleId :
PB170055BS

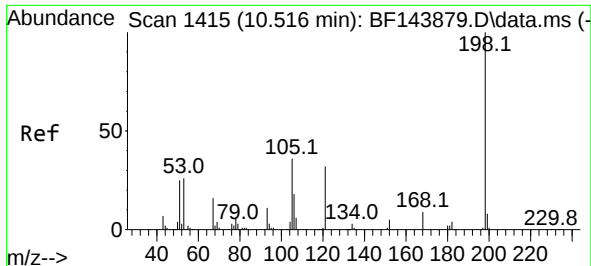
Tgt Ion:	77	Resp:	731390
Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	22.2	3.0	43.0
51	32.7	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:	188	Resp:	433771
Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.0	7.9	11.9

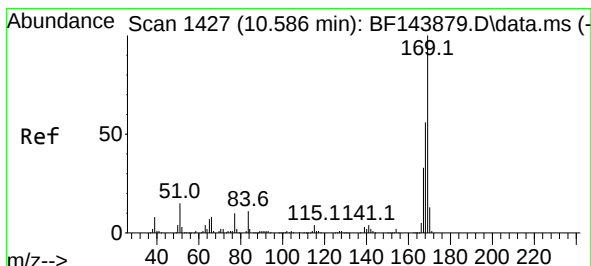
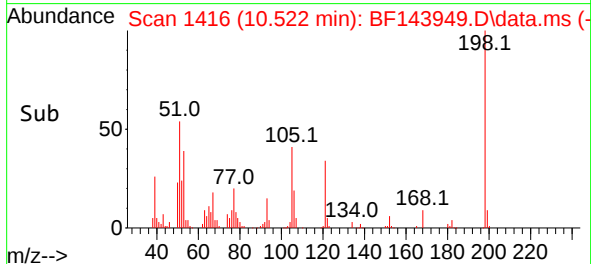
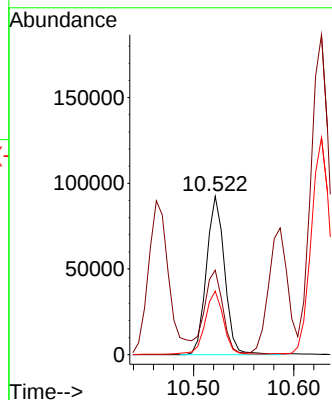
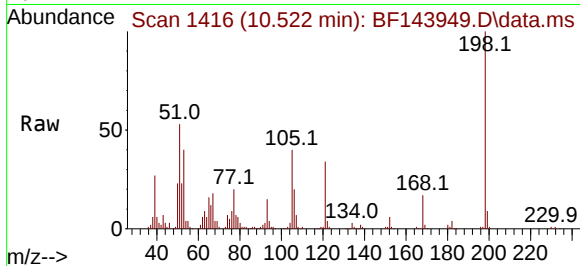




#65
4,6-Dinitro-2-methylphenol
Concen: 53.501 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

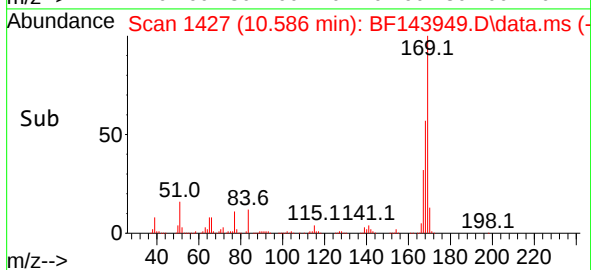
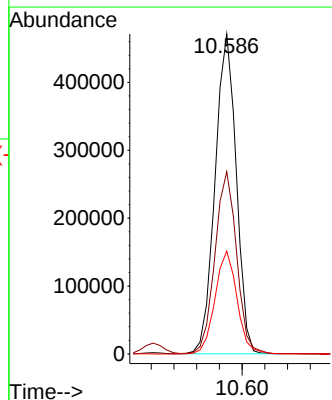
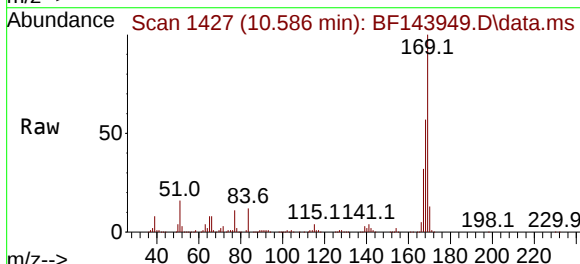
Instrument :
BNA_F
ClientSampleId :
PB170055BS

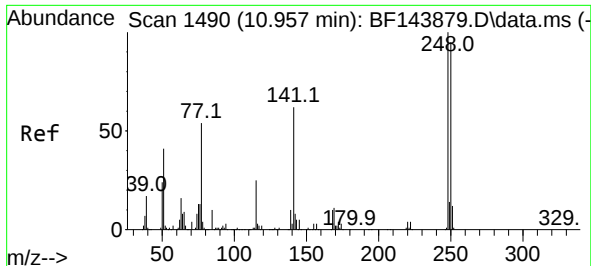
Tgt Ion:198 Resp: 116621
Ion Ratio Lower Upper
198 100
51 53.4 33.8 73.8
105 40.1 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 44.786 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:169 Resp: 609980
Ion Ratio Lower Upper
169 100
168 57.0 44.9 67.3
167 32.1 26.3 39.5

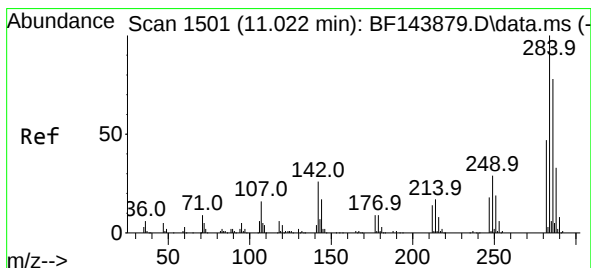
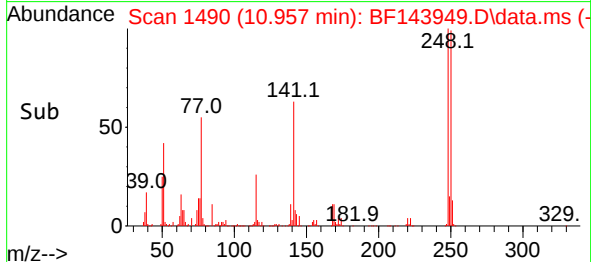
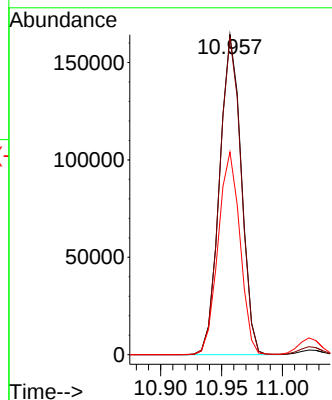
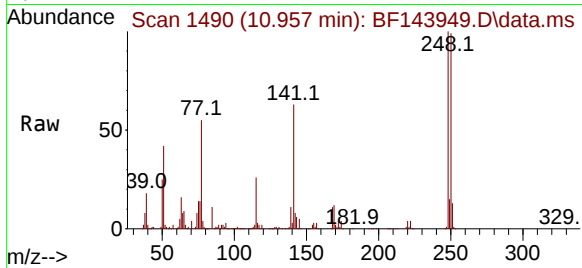




#67
4-Bromophenyl-phenylether
Concen: 42.559 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

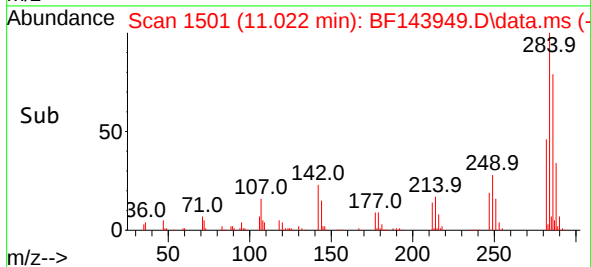
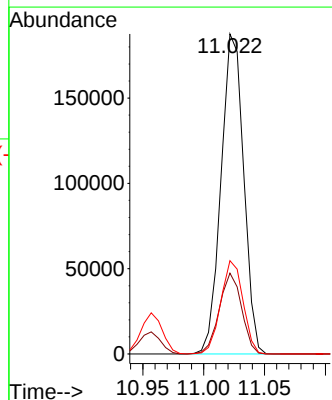
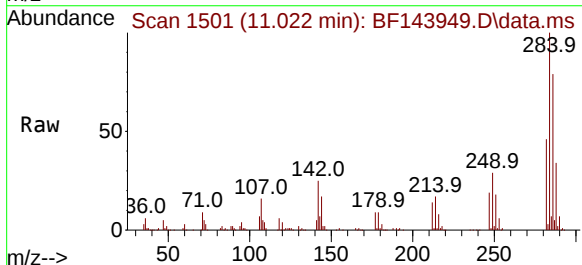
Instrument :
BNA_F
ClientSampleId :
PB170055BS

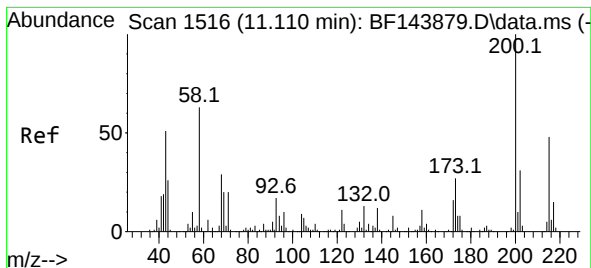
Tgt Ion:248 Resp: 204021
Ion Ratio Lower Upper
248 100
250 99.1 76.3 114.5
141 63.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 43.720 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:284 Resp: 242638
Ion Ratio Lower Upper
284 100
142 25.3 20.6 30.8
249 29.2 23.2 34.8





#69

Atrazine

Concen: 47.715 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

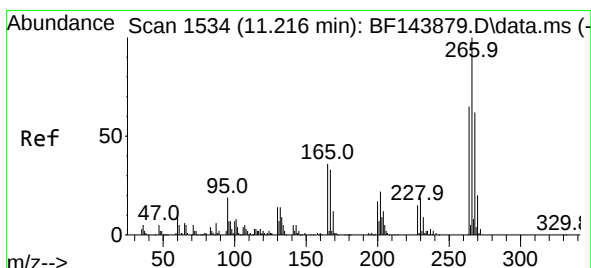
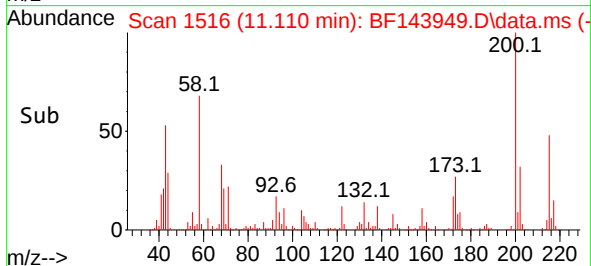
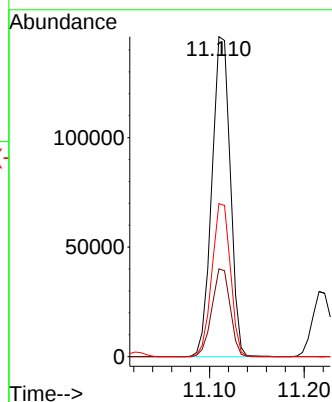
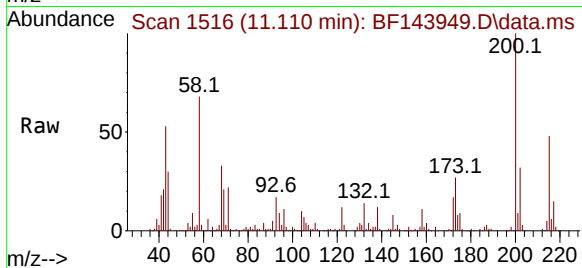
Tgt Ion:200 Resp: 196973

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 47.9 27.8 67.8



#70

Pentachlorophenol

Concen: 81.419 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

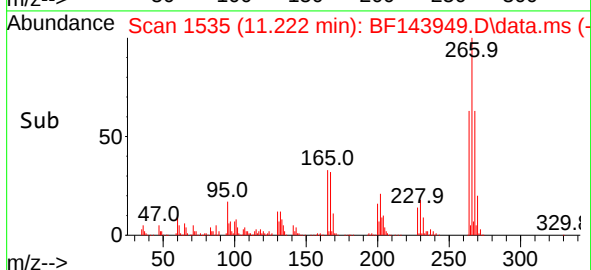
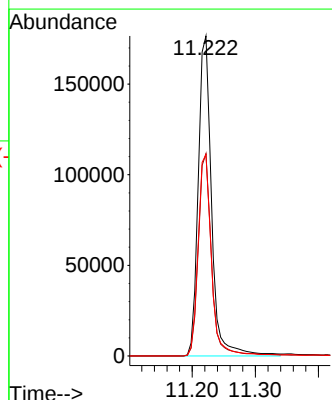
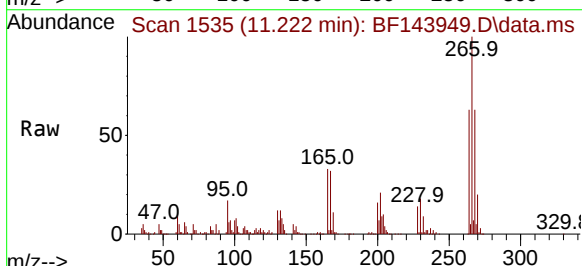
Tgt Ion:266 Resp: 259520

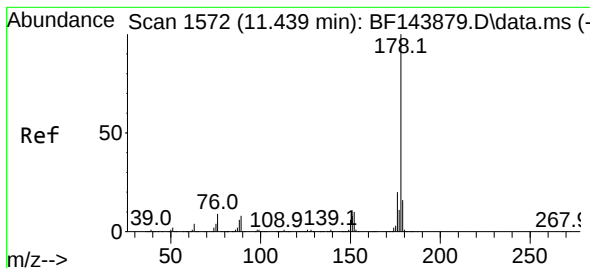
Ion Ratio Lower Upper

266 100

268 63.2 49.4 74.0

264 62.9 51.8 77.6





#71

Phenanthrene

Concen: 43.618 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

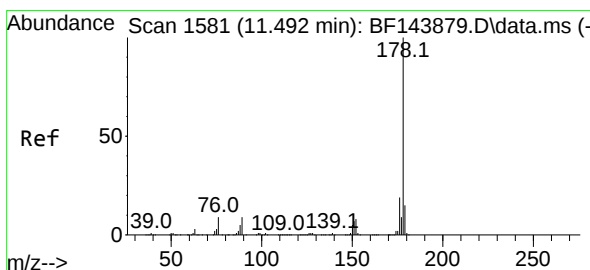
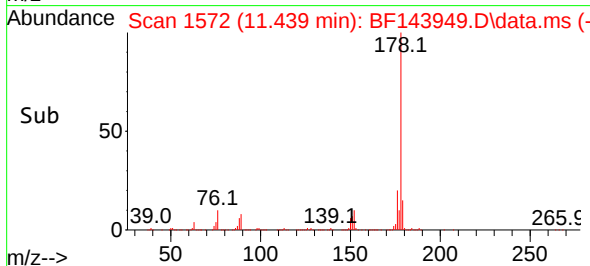
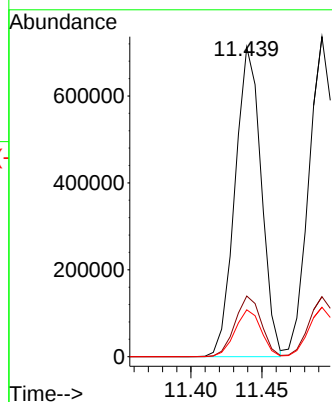
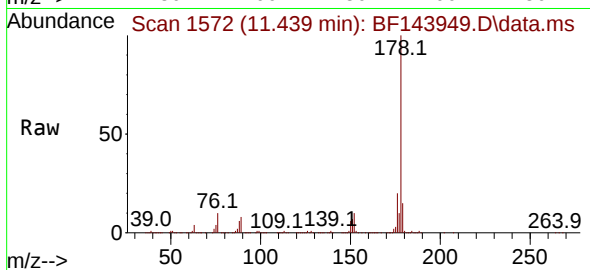
Tgt Ion:178 Resp: 917260

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 15.2 12.4 18.6



#72

Anthracene

Concen: 44.298 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

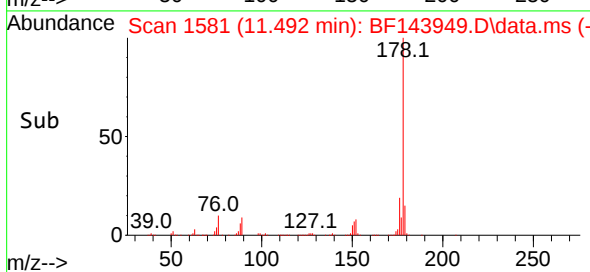
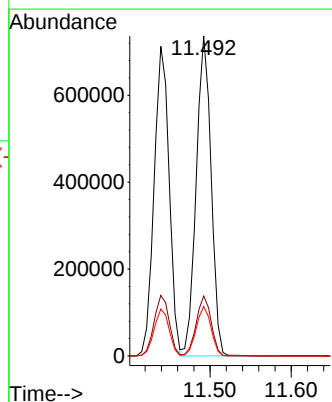
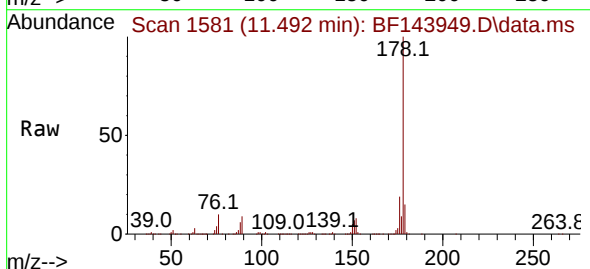
Tgt Ion:178 Resp: 941105

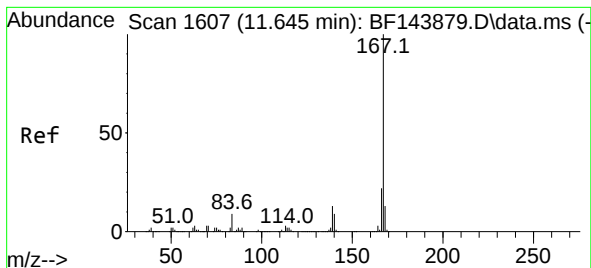
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.4 12.2 18.2





#73

Carbazole

Concen: 44.402 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

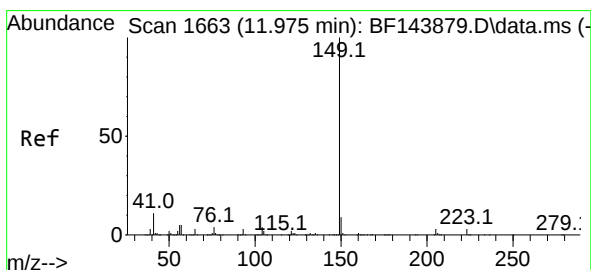
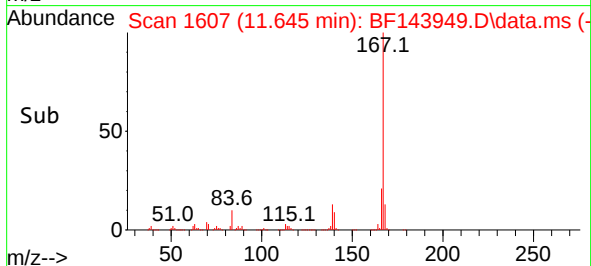
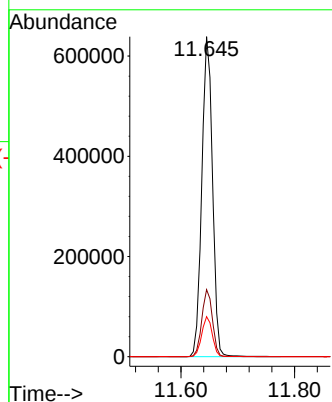
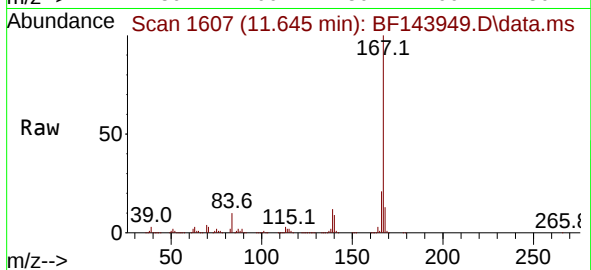
Tgt Ion:167 Resp: 835457

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 12.5 10.1 15.1



#74

Di-n-butylphthalate

Concen: 46.851 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

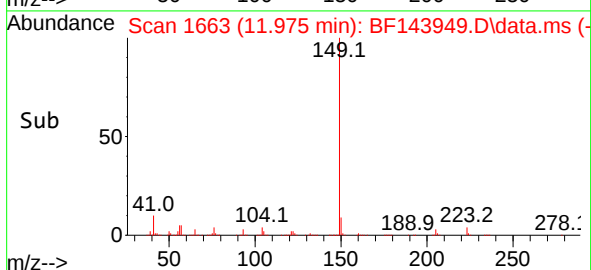
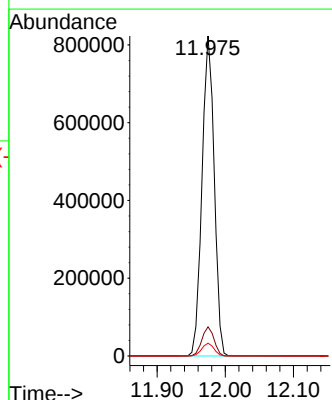
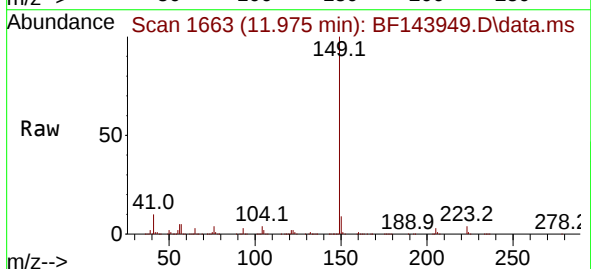
Tgt Ion:149 Resp: 1021669

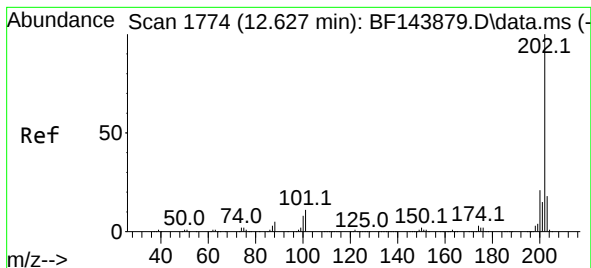
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.0 3.4 5.2





#75

Fluoranthene

Concen: 44.399 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

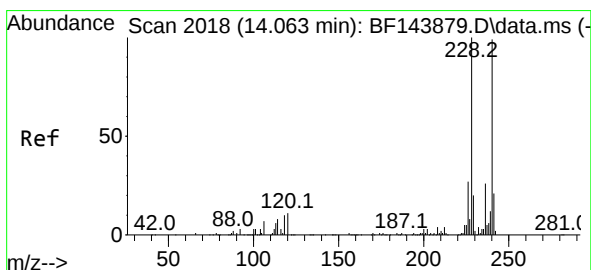
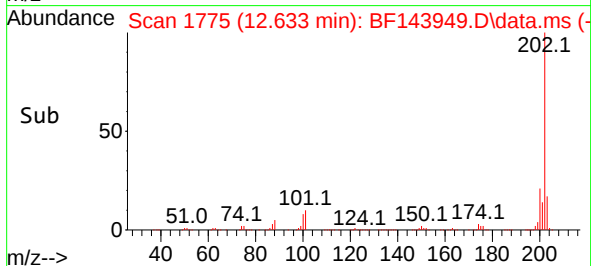
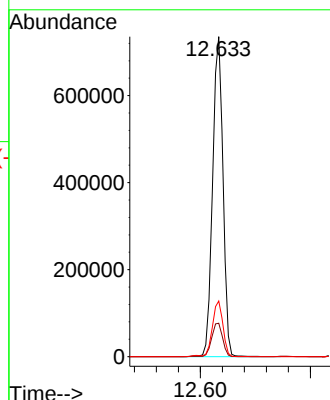
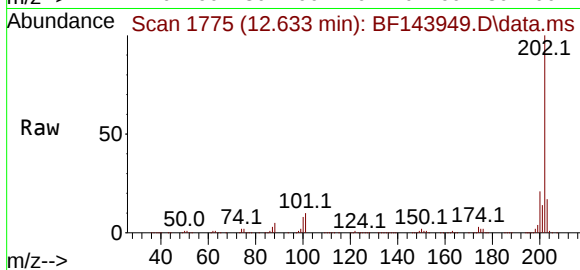
Tgt Ion:202 Resp: 964435

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.7

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

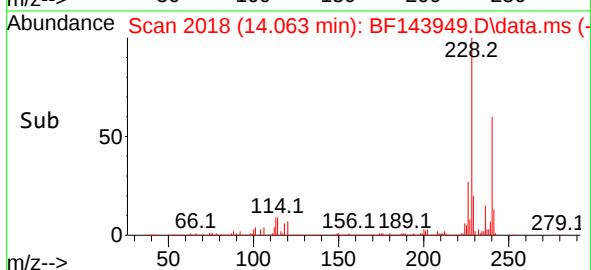
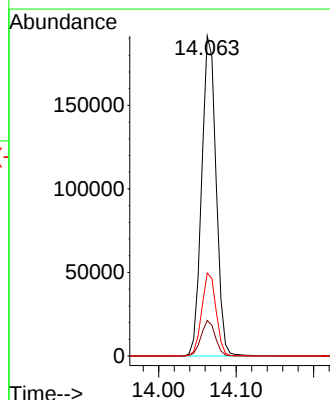
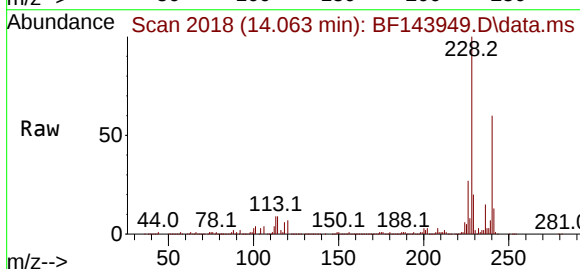
Tgt Ion:240 Resp: 247361

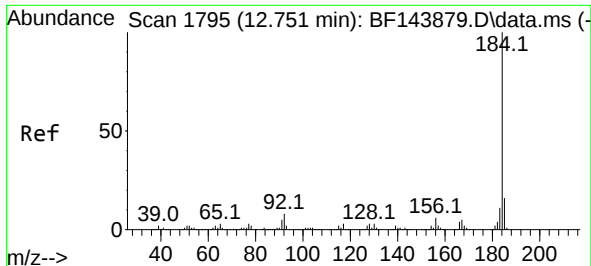
Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

236 25.9 21.1 31.7

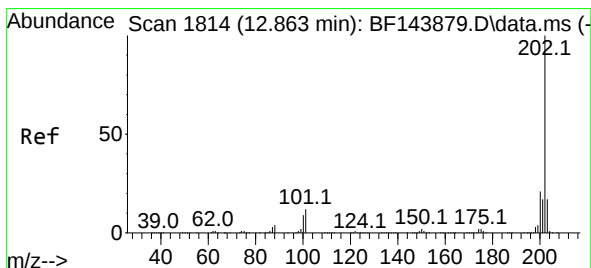
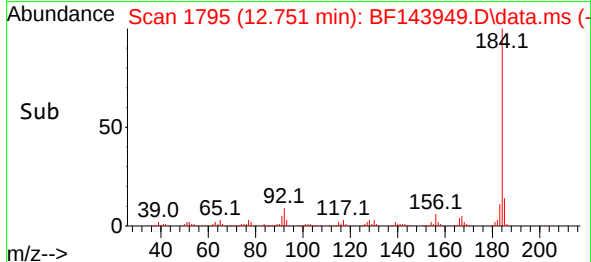
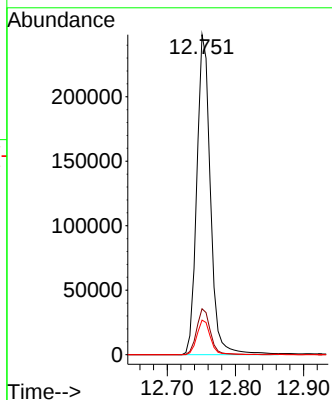
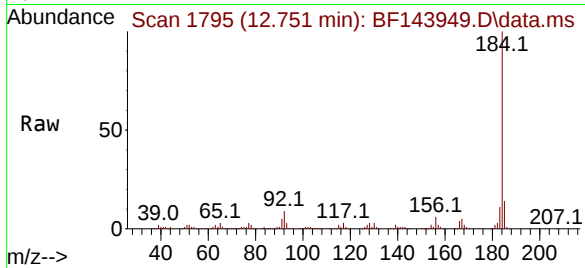




#77
Benzidine
Concen: 40.064 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

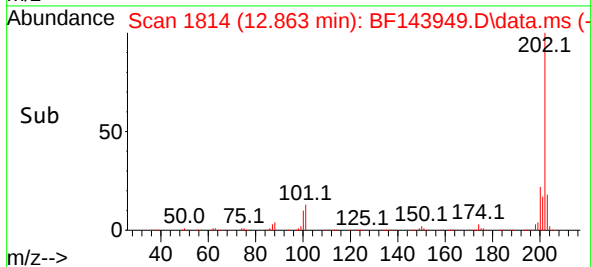
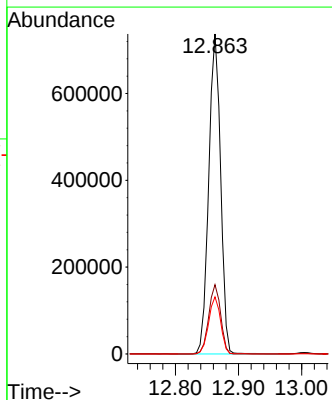
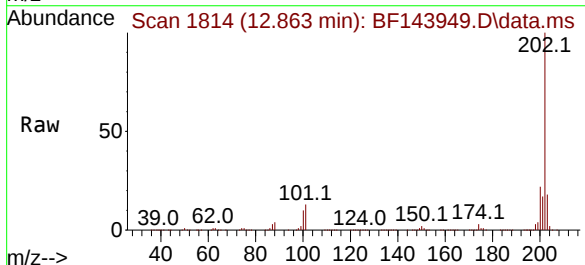
Instrument :
BNA_F
ClientSampleId :
PB170055BS

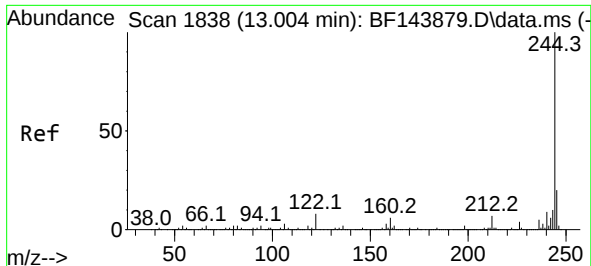
Tgt Ion:184 Resp: 344111
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 10.8 8.8 13.2



#78
Pyrene
Concen: 46.431 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:202 Resp: 957514
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.8 13.8 20.6

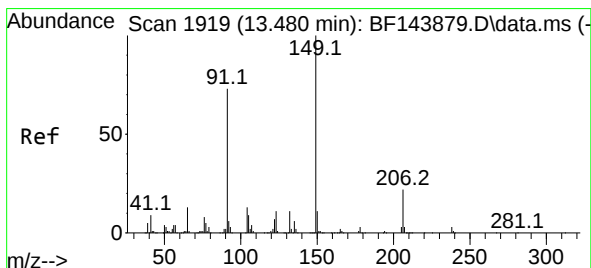
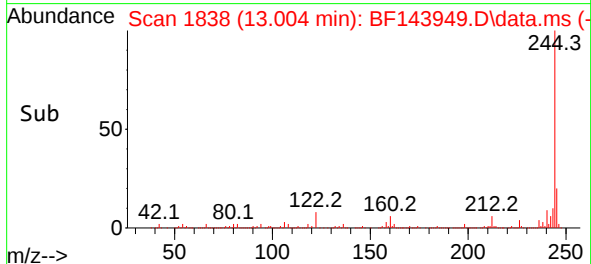
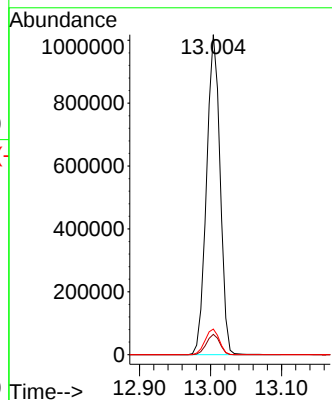
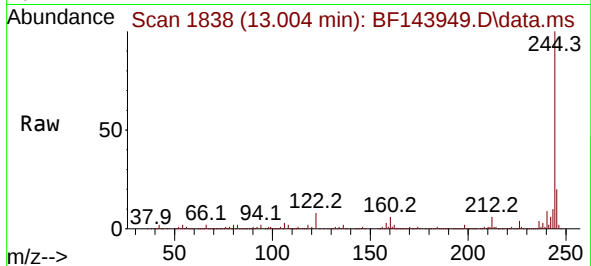




#79
 Terphenyl-d14
 Concen: 93.406 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143949.D
 Acq: 14 Oct 2025 16:13

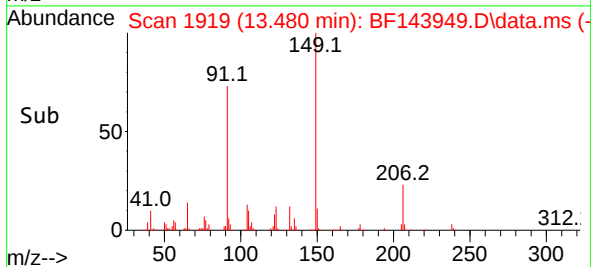
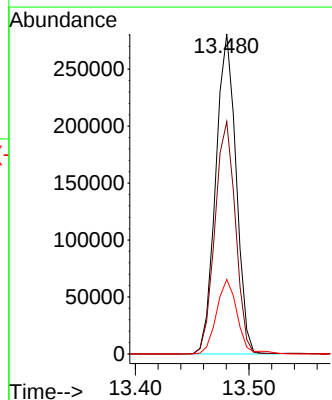
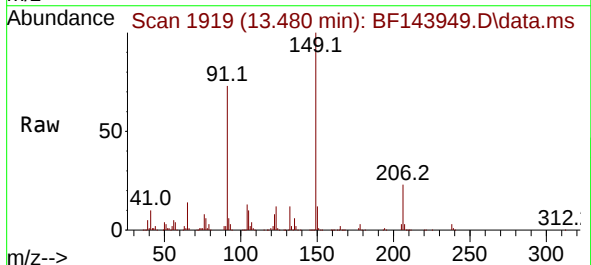
Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS

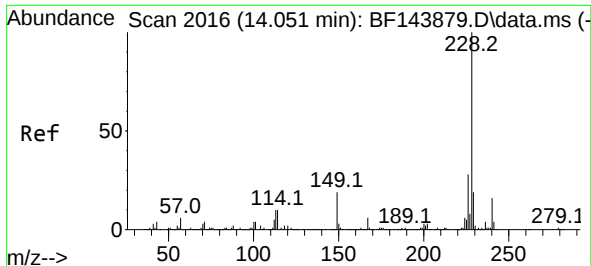
Tgt Ion:244 Resp: 1351901
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.0 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 52.386 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143949.D
 Acq: 14 Oct 2025 16:13

Tgt Ion:149 Resp: 350848
 Ion Ratio Lower Upper
 149 100
 91 72.6 58.2 87.2
 206 23.3 17.9 26.9

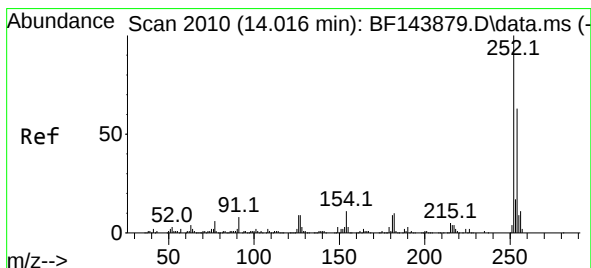
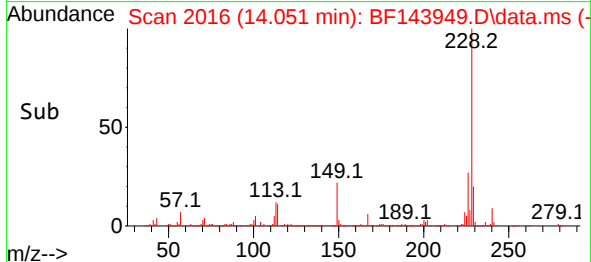
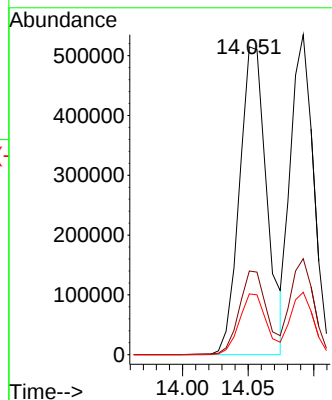
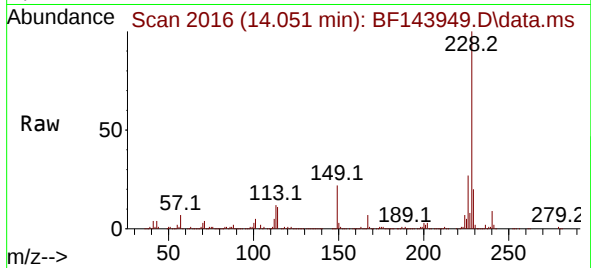




#81
Benzo(a)anthracene
Concen: 46.200 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

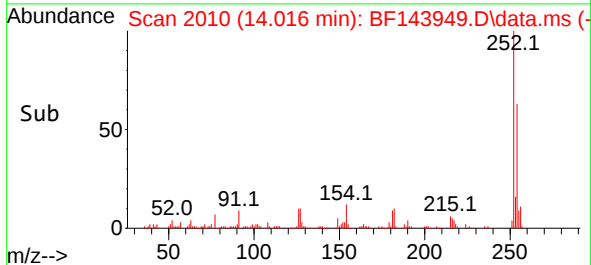
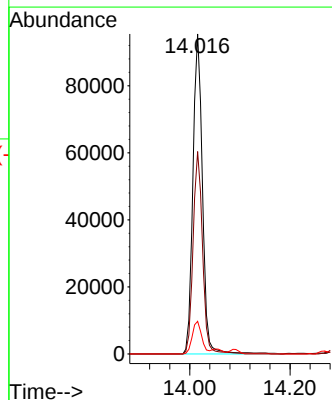
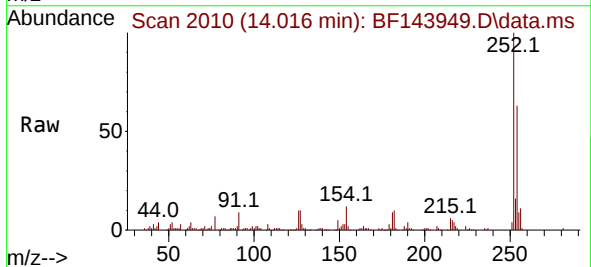
Instrument :
BNA_F
ClientSampleId :
PB170055BS

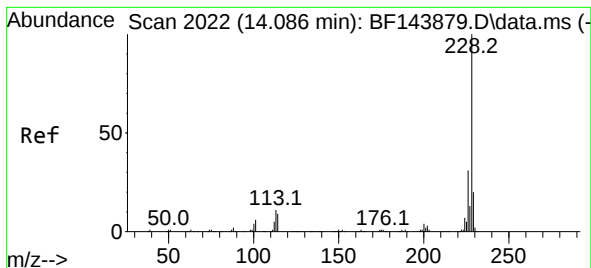
Tgt Ion:228 Resp: 747867
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 25.558 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143949.D
Acq: 14 Oct 2025 16:13

Tgt Ion:252 Resp: 126081
Ion Ratio Lower Upper
252 100
254 63.3 50.6 76.0
126 10.2 7.0 10.6





#83

Chrysene

Concen: 43.417 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

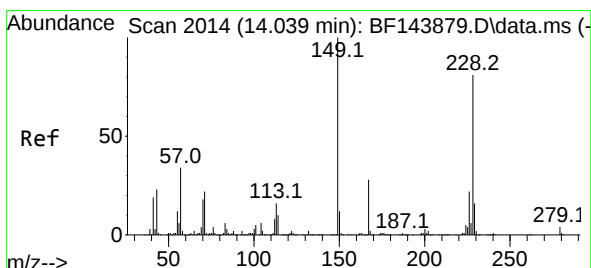
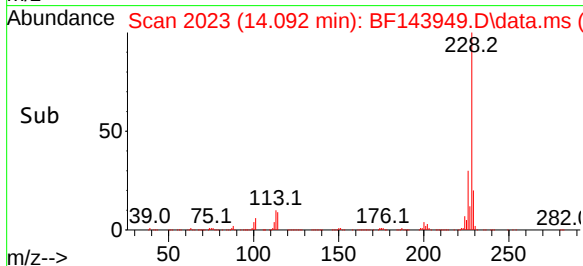
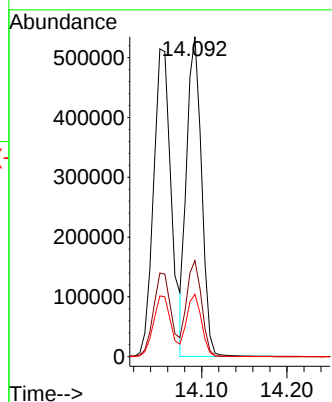
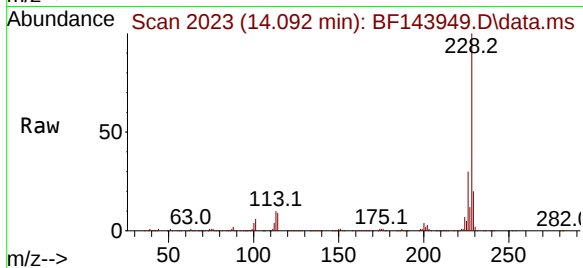
Tgt Ion:228 Resp: 650468

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.764 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

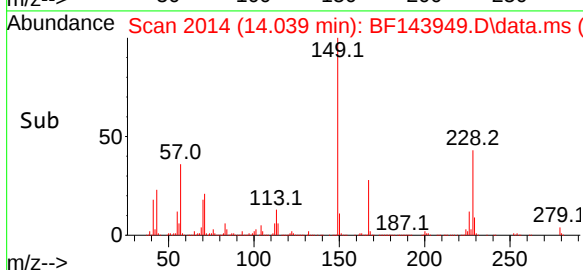
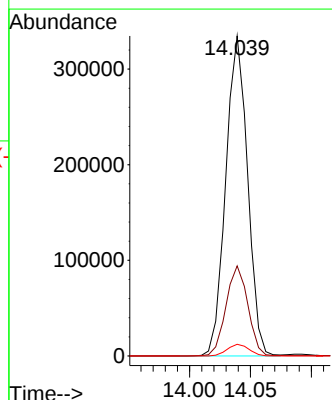
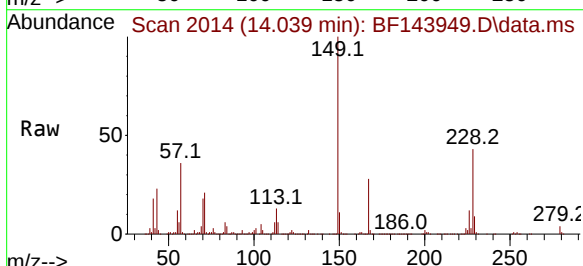
Tgt Ion:149 Resp: 417913

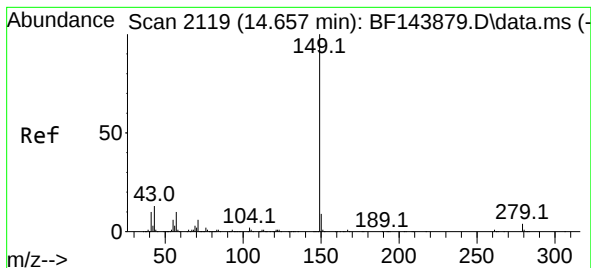
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.343 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

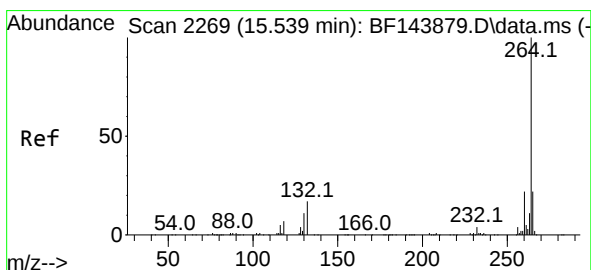
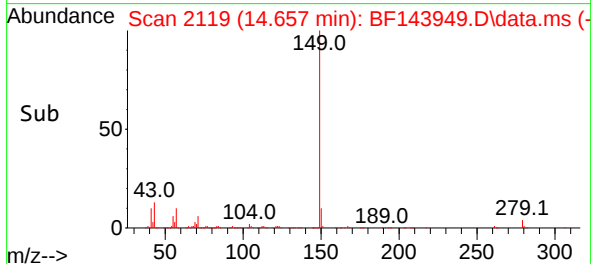
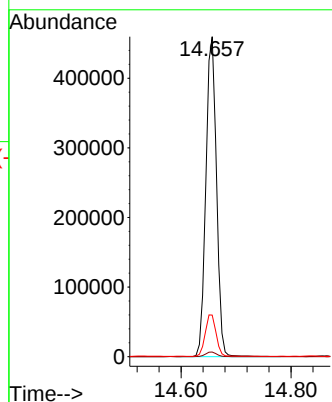
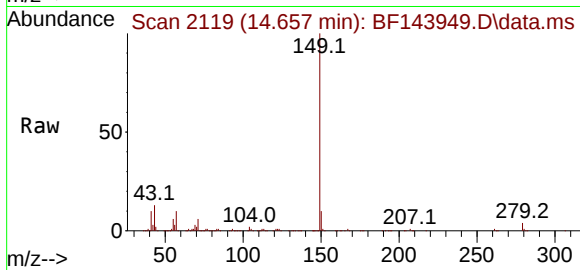
Tgt Ion:149 Resp: 614508

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 13.3 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

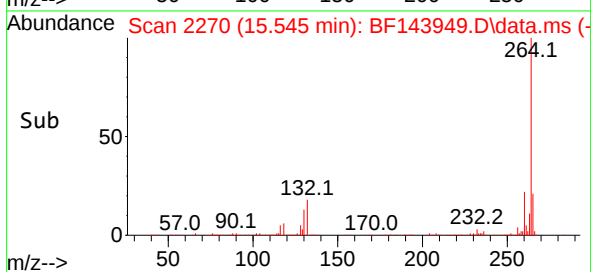
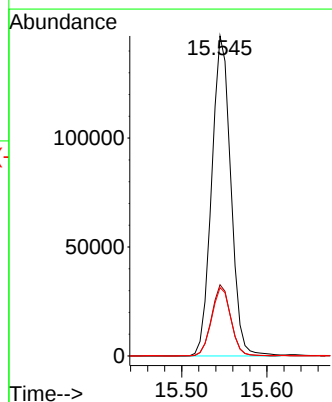
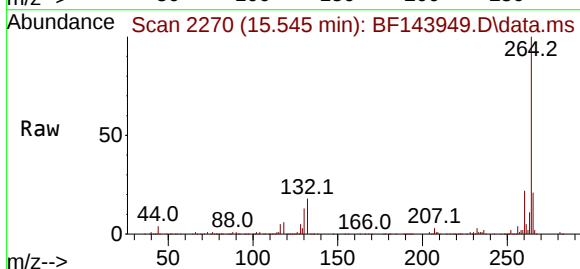
Tgt Ion:264 Resp: 229733

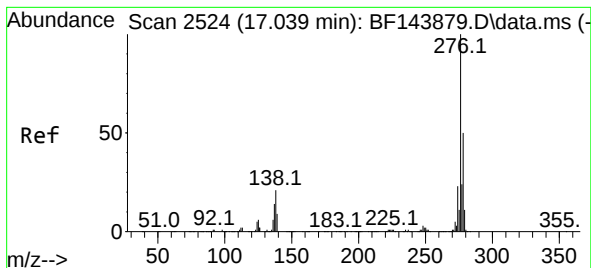
Ion Ratio Lower Upper

264 100

260 22.3 17.8 26.8

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.773 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

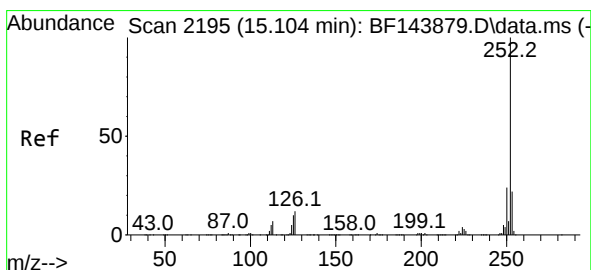
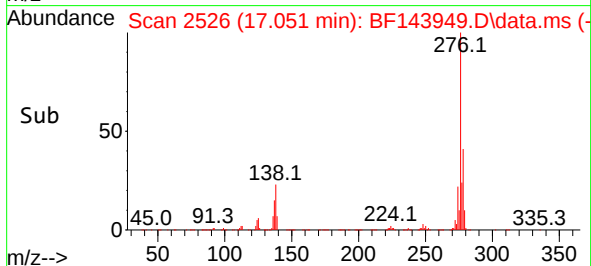
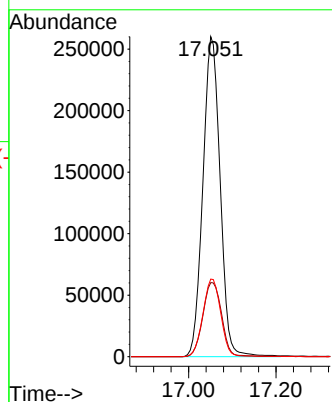
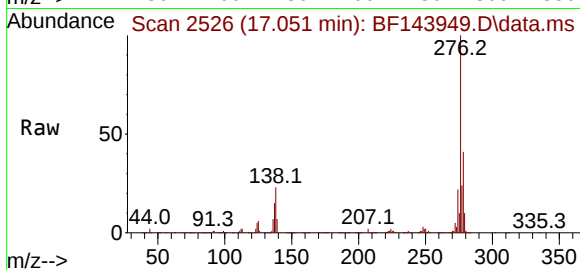
Tgt Ion:276 Resp: 714723

Ion Ratio Lower Upper

276 100

138 25.2 18.2 27.2

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 46.591 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

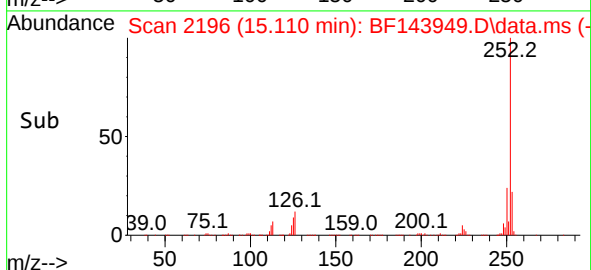
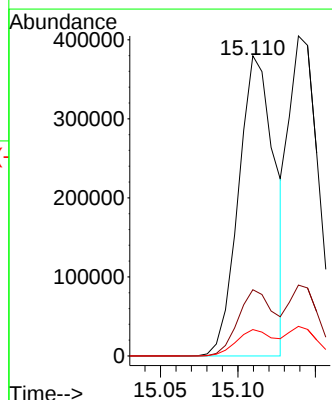
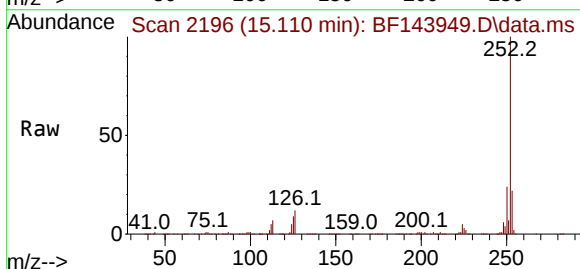
Tgt Ion:252 Resp: 614839

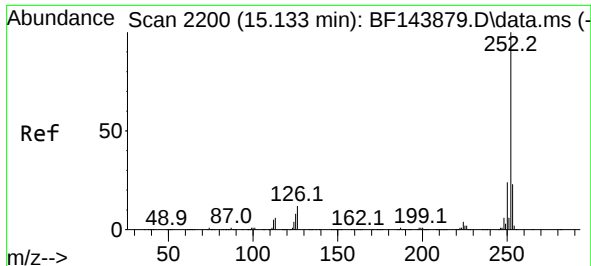
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.967 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

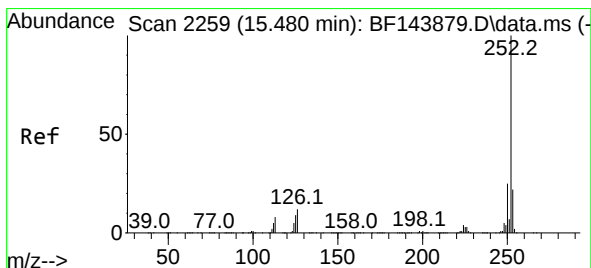
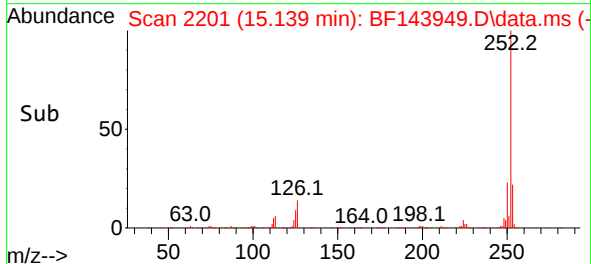
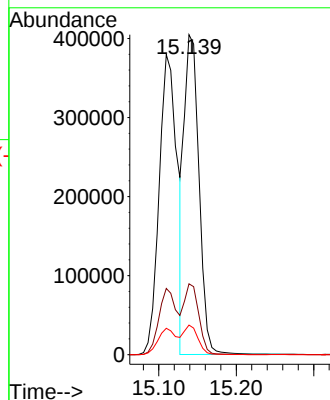
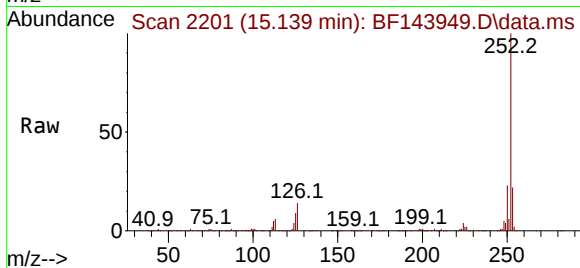
Tgt Ion:252 Resp: 536880

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.729 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

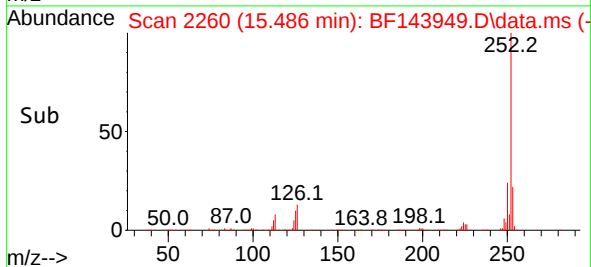
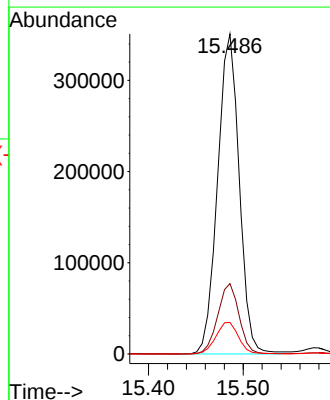
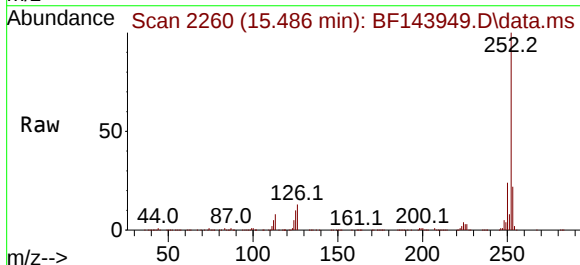
Tgt Ion:252 Resp: 557596

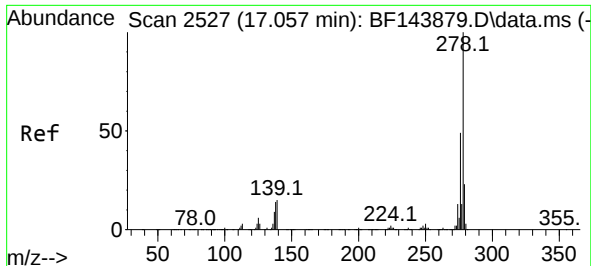
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.9 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 51.086 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Instrument :

BNA_F

ClientSampleId :

PB170055BS

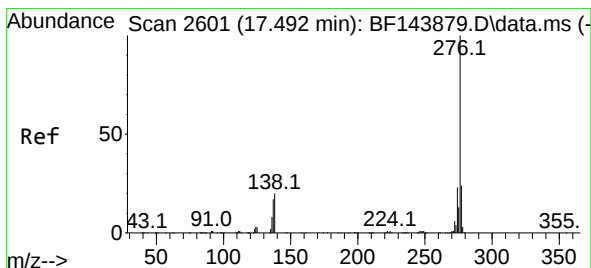
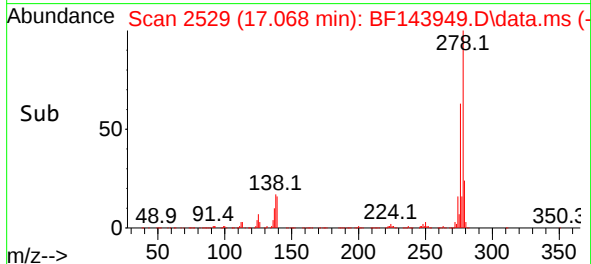
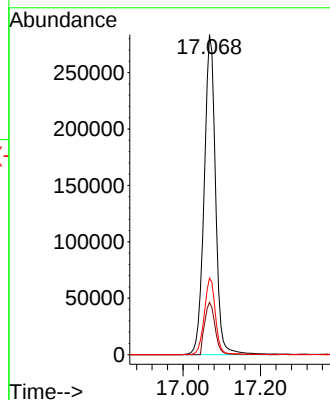
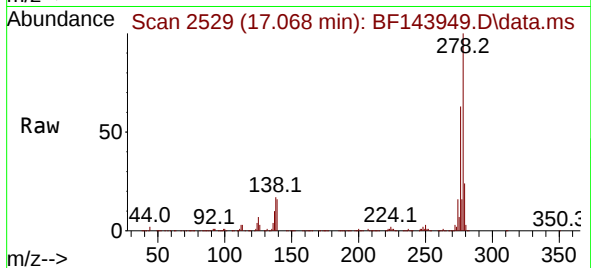
Tgt Ion:278 Resp: 578363

Ion Ratio Lower Upper

278 100

139 16.4 11.7 17.5

279 23.9 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 51.912 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF143949.D

Acq: 14 Oct 2025 16:13

Tgt Ion:276 Resp: 587725

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 22.4 16.1 24.1

