

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143990.D
 Acq On : 17 Oct 2025 17:45
 Operator : RC/JU
 Sample : Q3352-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Oct 17 18:04:16 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	83393	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	325316	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	173895	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	283241	20.000	ng	0.00
76) Chrysene-d12	14.063	240	164621	20.000	ng	0.00
86) Perylene-d12	15.545	264	207601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	793992	151.194	ng	0.01
7) Phenol-d6	6.510	99	892476	142.578	ng	0.00
23) Nitrobenzene-d5	7.445	82	623529	116.448	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	293535	169.475	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1166155	106.408	ng	-0.01
79) Terphenyl-d14	13.004	244	1054626	109.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	128093	52.710	ng	# 79
3) Pyridine	3.528	79	334415	47.271	ng	98
4) n-Nitrosodimethylamine	3.469	42	207701	55.811	ng	93
6) Aniline	6.545	93	138064	14.719	ng	94
8) 2-Chlorophenol	6.669	128	297355	57.927	ng	97
9) Benzaldehyde	6.434	77	138153	28.611	ng	97
10) Phenol	6.528	94	373052	49.850	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	326044	56.401	ng	96
12) 1,3-Dichlorobenzene	6.822	146	335270	54.562	ng	99
13) 1,4-Dichlorobenzene	6.898	146	340375	56.156	ng	100
14) 1,2-Dichlorobenzene	7.051	146	333008	57.359	ng	99
15) Benzyl Alcohol	7.022	79	288474	61.508	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	755848	57.442	ng	98
17) 2-Methylphenol	7.134	107	241249	56.867	ng	99
18) Hexachloroethane	7.392	117	107618	53.239	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	233772	54.560	ng	99
20) 3+4-Methylphenols	7.287	107	271318	55.181	ng	# 66
22) Acetophenone	7.293	105	415887	60.461	ng	100
24) Nitrobenzene	7.463	77	351180	59.058	ng	99
25) Isophorone	7.704	82	636999	56.420	ng	99
26) 2-Nitrophenol	7.781	139	168592	66.131	ng	97
27) 2,4-Dimethylphenol	7.816	122	287486	62.688	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	412096	57.781	ng	98
29) 2,4-Dichlorophenol	8.022	162	276020	57.782	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	274625	58.456	ng	99
31) Naphthalene	8.187	128	821050	55.482	ng	100
32) Benzoic acid	7.928	122	155951	49.136	ng	98
33) 4-Chloroaniline	8.234	127	54629	9.843	ng	98
34) Hexachlorobutadiene	8.304	225	177016	54.223	ng	99
35) Caprolactam	8.639	113	21011	13.833	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	259230	56.495	ng	100
37) 2-Methylnaphthalene	8.881	142	506176	51.349	ng	100
38) 1-Methylnaphthalene	8.975	142	514331	53.792	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	307006	63.877	ng	99
41) Hexachlorocyclopentadiene	9.034	237	245462	123.106	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	199798	56.895	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143990.D
 Acq On : 17 Oct 2025 17:45
 Operator : RC/JU
 Sample : Q3352-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

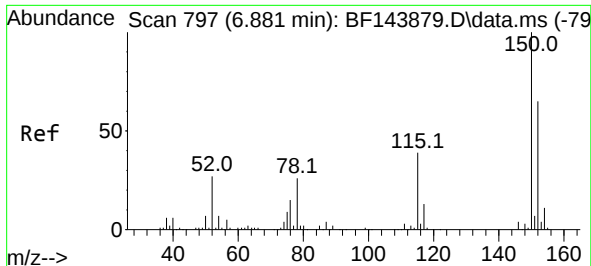
Quant Time: Oct 17 18:04:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	216751	58.407	ng	100
46) 1,1'-Biphenyl	9.345	154	713703	61.989	ng	99
47) 2-Chloronaphthalene	9.369	162	546339	56.914	ng	99
48) 2-Nitroaniline	9.463	65	192927	63.569	ng	99
49) Acenaphthylene	9.786	152	868694	64.370	ng	100
50) Dimethylphthalate	9.645	163	638446	57.814	ng	99
51) 2,6-Dinitrotoluene	9.704	165	136306	66.565	ng	99
52) Acenaphthene	9.957	154	520119	58.817	ng	99
53) 3-Nitroaniline	9.875	138	43901	17.509	ng	99
54) 2,4-Dinitrophenol	9.986	184	107102	84.377	ng	93
55) Dibenzofuran	10.128	168	706104	56.566	ng	99
56) 4-Nitrophenol	10.039	139	185347	97.630	ng	99
57) 2,4-Dinitrotoluene	10.110	165	185935	66.735	ng	99
58) Fluorene	10.475	166	546575	58.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	161544	61.494	ng	# 97
60) Diethylphthalate	10.345	149	579033	56.441	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	279237	56.073	ng	98
62) 4-Nitroaniline	10.492	138	131445	54.516	ng	94
63) Azobenzene	10.628	77	623467	58.147	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	87685	61.604	ng	97
66) n-Nitrosodiphenylamine	10.586	169	531954	59.814	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	186312	59.520	ng	98
68) Hexachlorobenzene	11.022	284	210140	57.987	ng	100
69) Atrazine	11.110	200	164283	60.946	ng	98
70) Pentachlorophenol	11.222	266	220629	106.004	ng	99
71) Phenanthrene	11.439	178	785750	57.222	ng	100
72) Anthracene	11.492	178	807542	58.213	ng	99
73) Carbazole	11.645	167	702537	57.182	ng	99
74) Di-n-butylphthalate	11.975	149	857538	60.223	ng	99
75) Fluoranthene	12.633	202	789024	55.629	ng	100
77) Benzidine	12.757	184	76105	13.314	ng	98
78) Pyrene	12.863	202	804832	58.643	ng	99
80) Butylbenzylphthalate	13.480	149	297992	66.856	ng	98
81) Benzo(a)anthracene	14.051	228	660652	61.325	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	64340	19.598	ng	99
83) Chrysene	14.086	228	620828	62.266	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	374246	69.654	ng	100
85) Di-n-octyl phthalate	14.651	149	639987	72.522	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	825305	64.879	ng	98
88) Benzo(b)fluoranthene	15.110	252	706423	59.238	ng	99
89) Benzo(k)fluoranthene	15.139	252	628907	56.994	ng	98
90) Benzo(a)pyrene	15.486	252	650939	62.951	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	672428	65.726	ng	98
92) Benzo(g,h,i)perylene	17.509	276	663809	64.883	ng	98

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

Quant Time: Oct 17 18:04:16 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

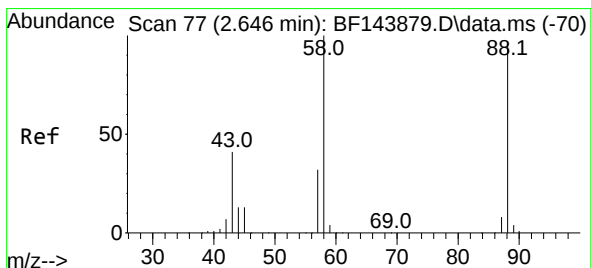
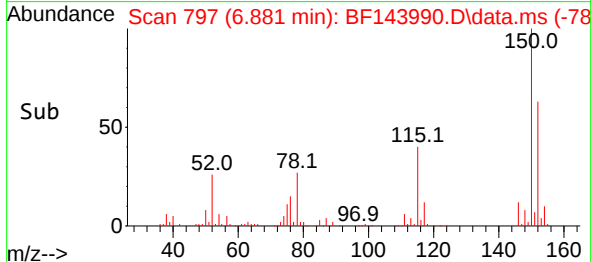
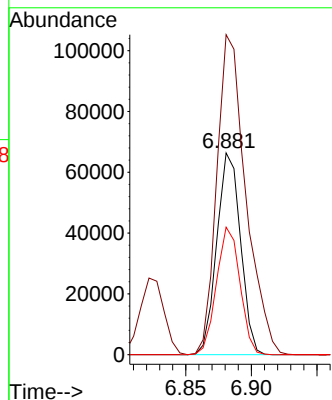
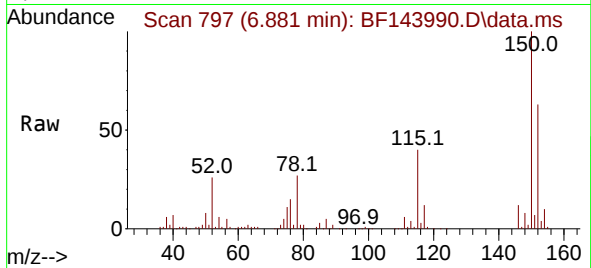




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

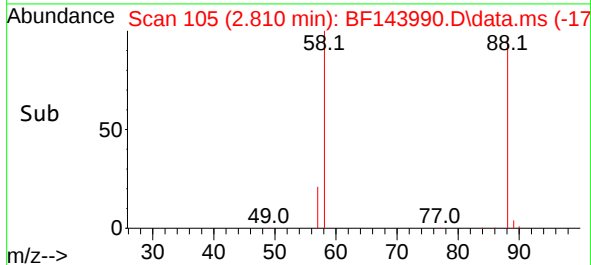
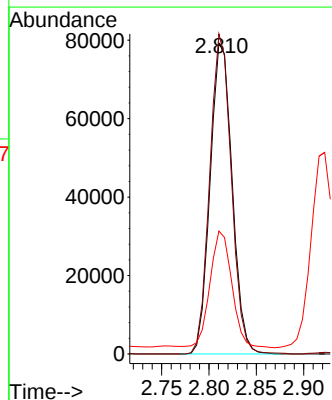
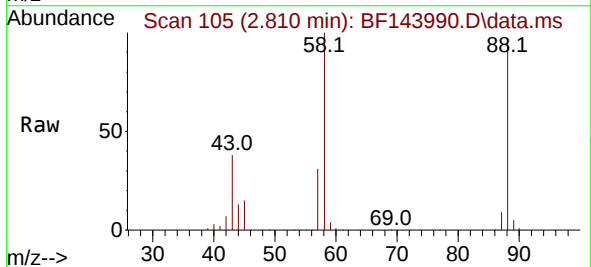
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

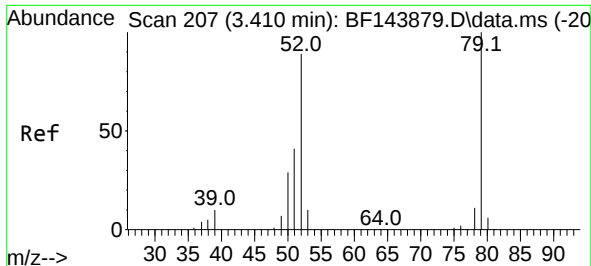
Tgt Ion:152 Resp: 83393
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.4 186.6
 115 63.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 52.710 ng
 RT: 2.810 min Scan# 105
 Delta R.T. 0.165 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

Tgt Ion: 88 Resp: 128093
 Ion Ratio Lower Upper
 88 100
 58 101.2 83.0 124.6
 43 0.0 33.9 50.9





#3

Pyridine

Concen: 47.271 ng

RT: 3.528 min Scan# 217

Delta R.T. 0.112 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

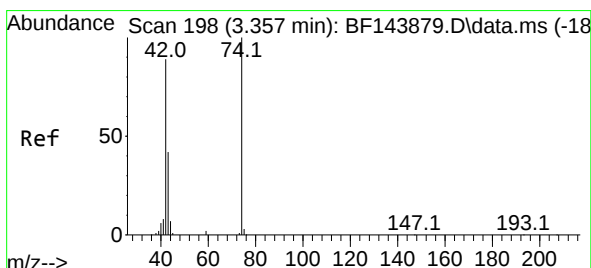
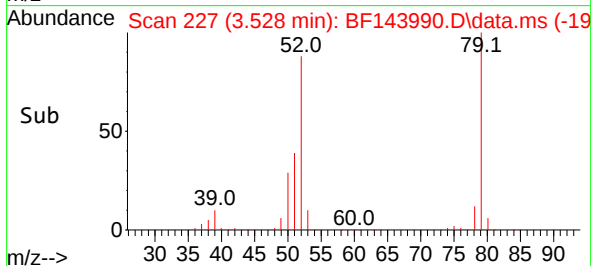
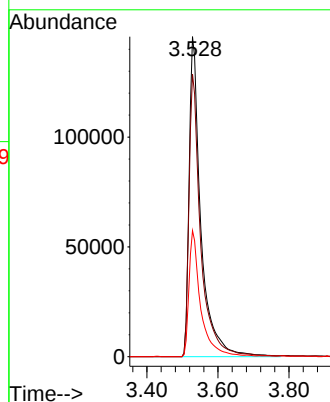
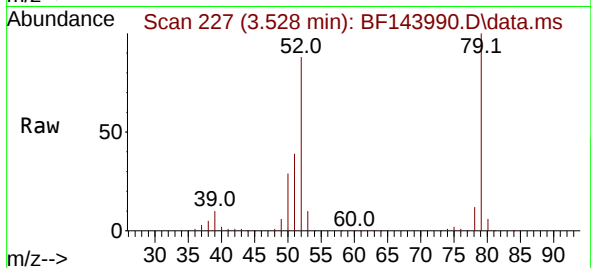
Tgt Ion: 79 Resp: 334415

Ion Ratio Lower Upper

79 100

52 88.3 71.5 107.3

51 39.4 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 55.811 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.083 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

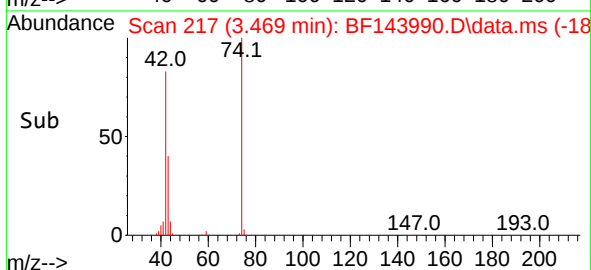
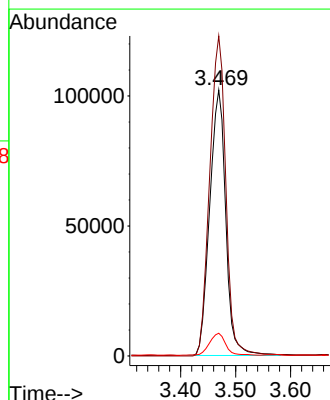
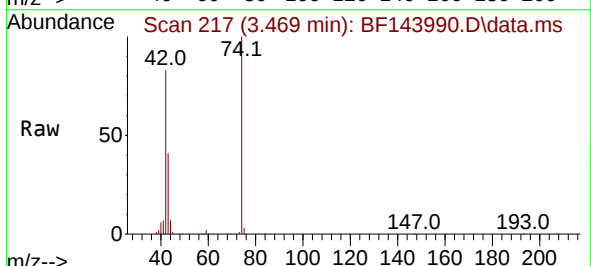
Tgt Ion: 42 Resp: 207701

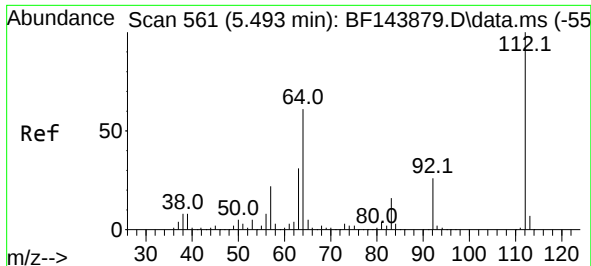
Ion Ratio Lower Upper

42 100

74 120.4 90.0 135.0

44 8.5 6.2 9.2

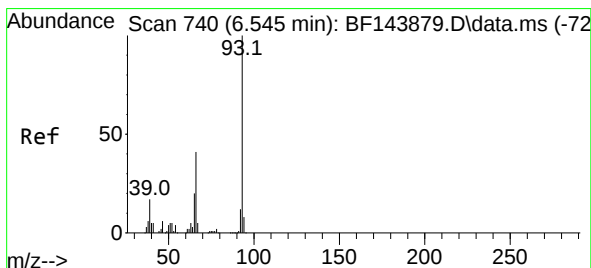
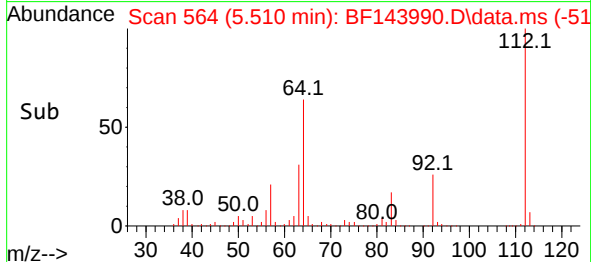
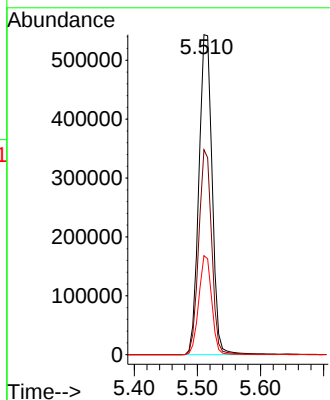
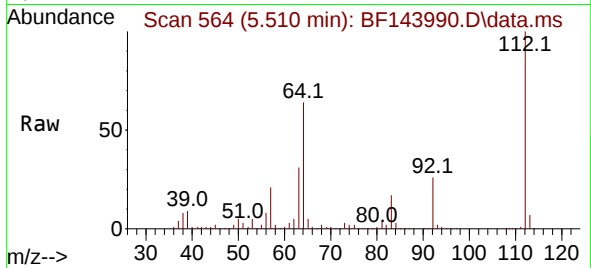




#5
2-Fluorophenol
Concen: 151.194 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

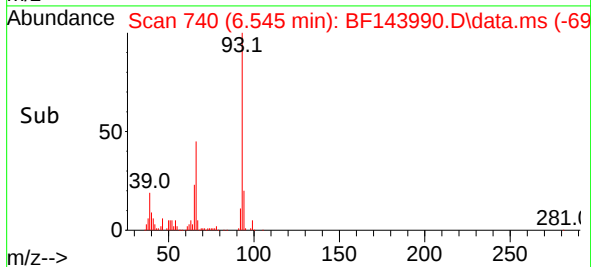
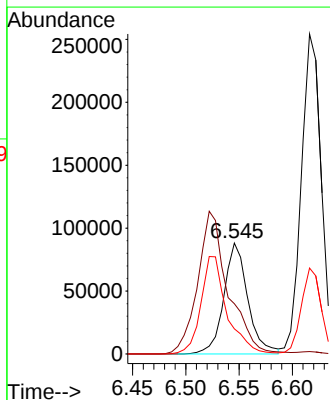
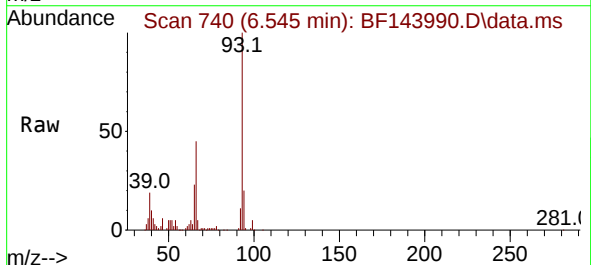
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

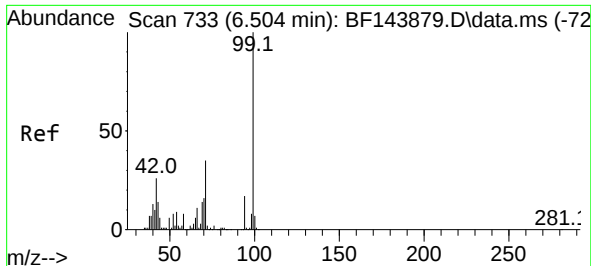
Tgt Ion:112 Resp: 793992
Ion Ratio Lower Upper
112 100
64 64.0 49.1 73.7
63 31.0 24.5 36.7



#6
Aniline
Concen: 14.719 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion: 93 Resp: 138064
Ion Ratio Lower Upper
93 100
66 45.3 33.0 49.6
65 22.6 15.8 23.8





#7

Phenol-d6

Concen: 142.578 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

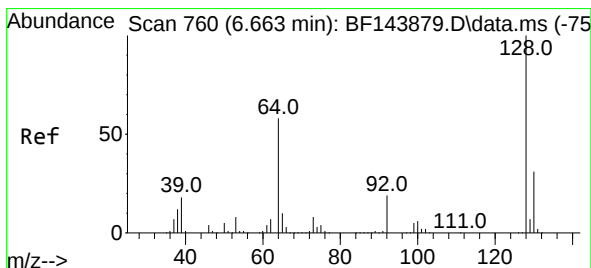
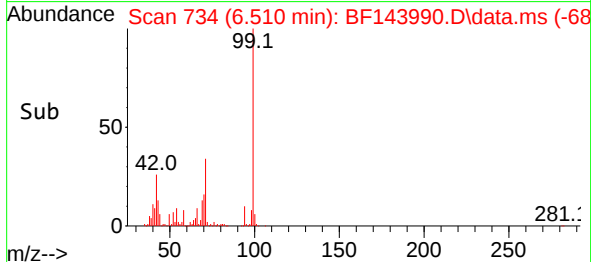
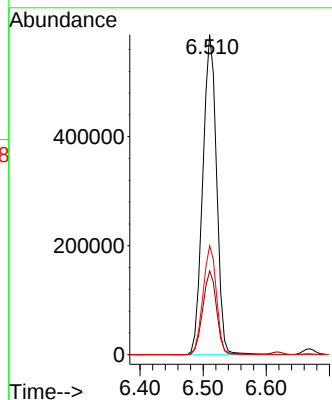
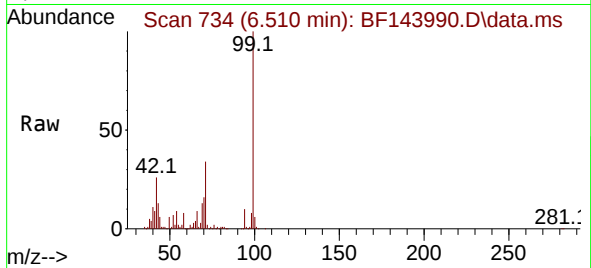
Tgt Ion: 99 Resp: 892476

Ion Ratio Lower Upper

99 100

42 26.2 21.0 31.4

71 34.1 27.8 41.8



#8

2-Chlorophenol

Concen: 57.927 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

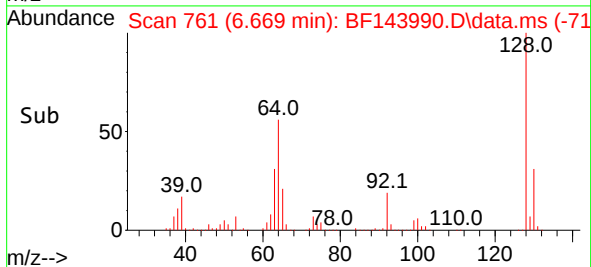
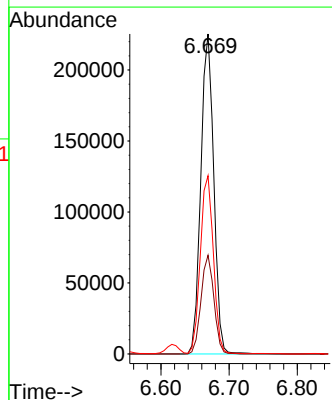
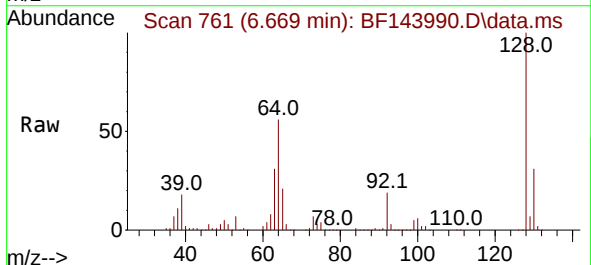
Tgt Ion:128 Resp: 297355

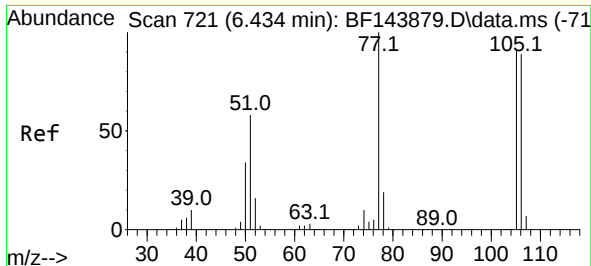
Ion Ratio Lower Upper

128 100

130 30.8 10.7 50.7

64 55.7 39.0 79.0





#9

Benzaldehyde

Concen: 28.611 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

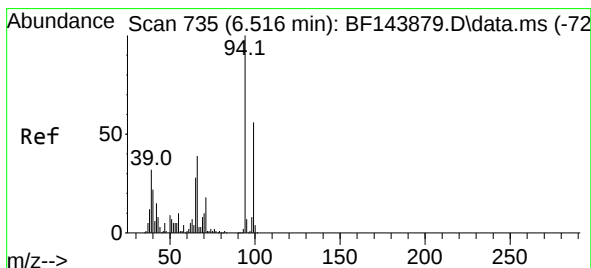
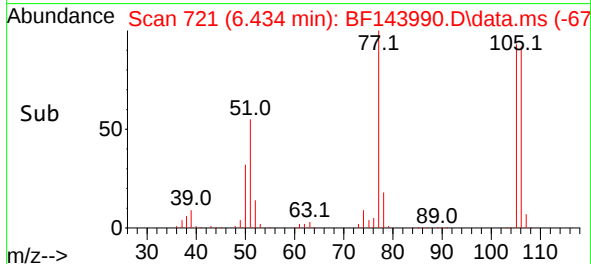
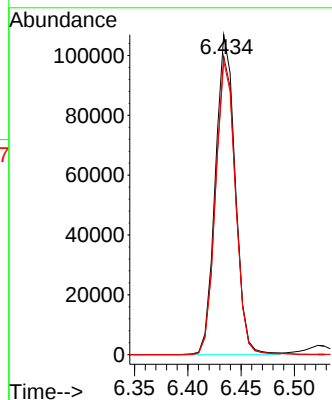
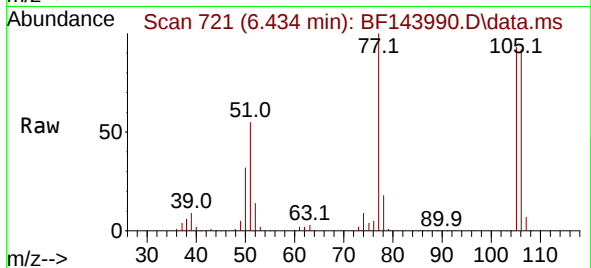
Tgt Ion: 77 Resp: 138153

Ion Ratio Lower Upper

77 100

105 93.2 70.9 110.9

106 91.7 68.9 108.9



#10

Phenol

Concen: 49.850 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

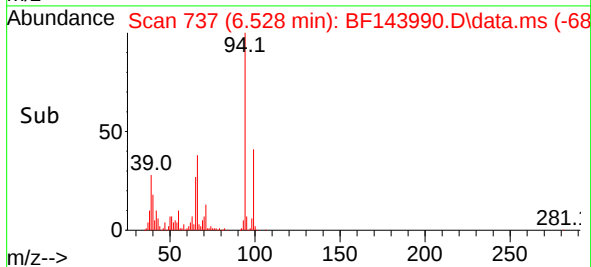
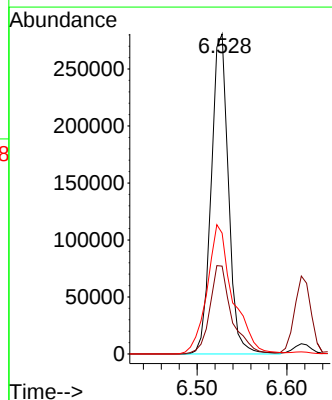
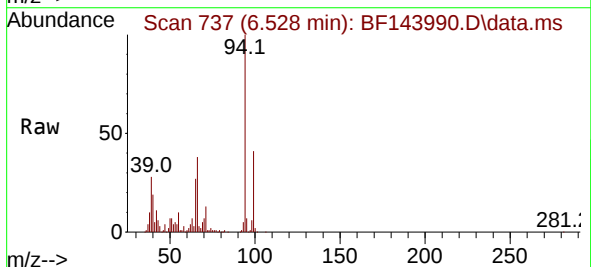
Tgt Ion: 94 Resp: 373052

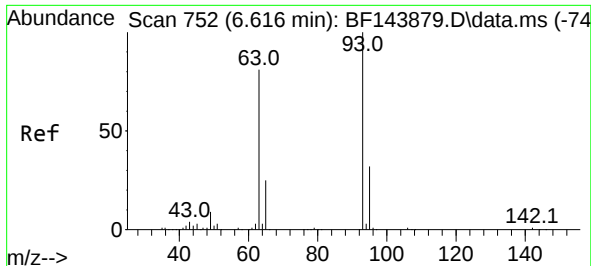
Ion Ratio Lower Upper

94 100

65 27.5 8.5 48.5

66 37.8 19.9 59.9

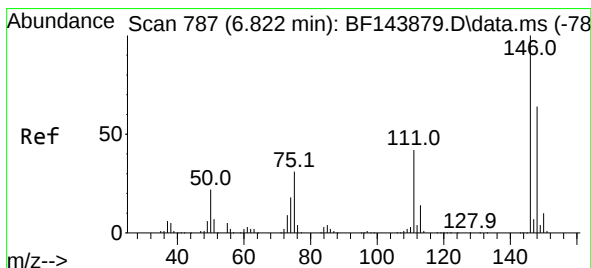
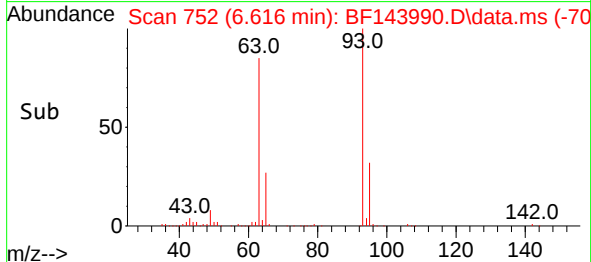
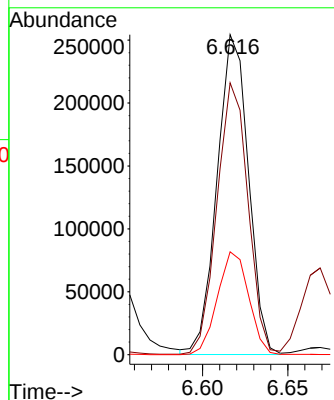
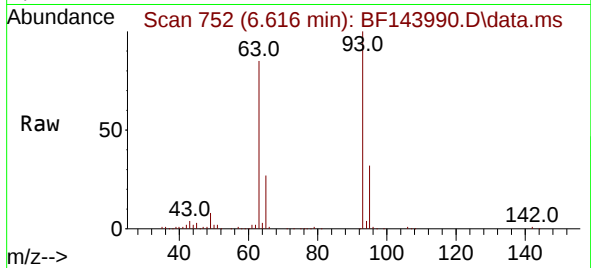




#11
bis(2-Chloroethyl)ether
Concen: 56.401 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

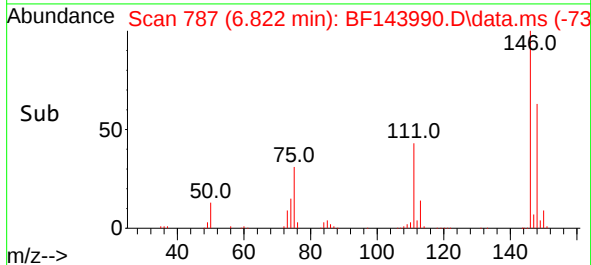
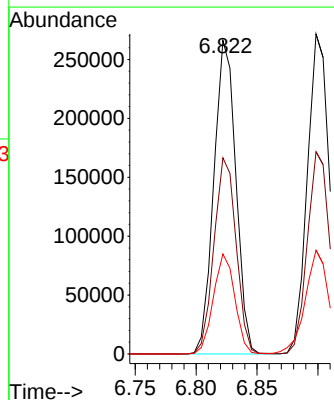
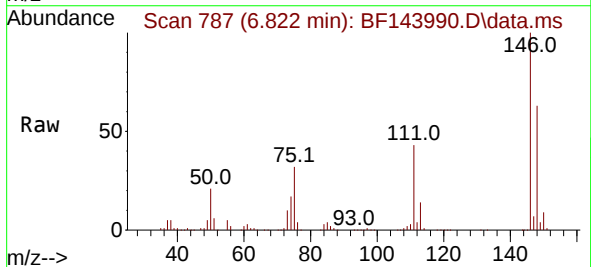
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

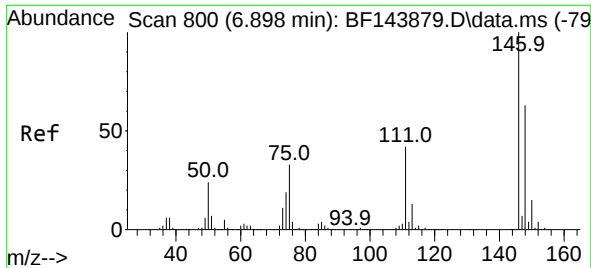
Tgt Ion: 93 Resp: 326044
Ion Ratio Lower Upper
93 100
63 84.9 60.9 100.9
95 32.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 54.562 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:146 Resp: 335270
Ion Ratio Lower Upper
146 100
148 62.5 51.0 76.4
75 31.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 56.156 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

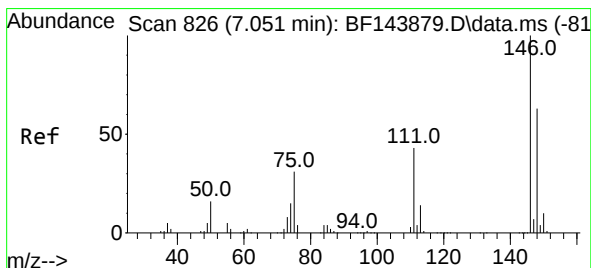
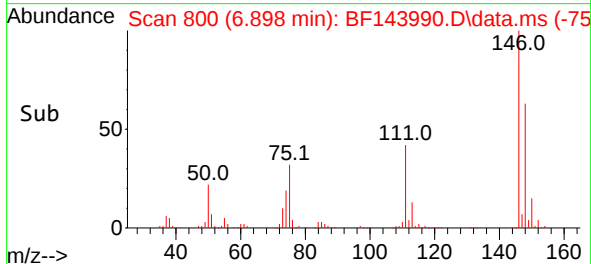
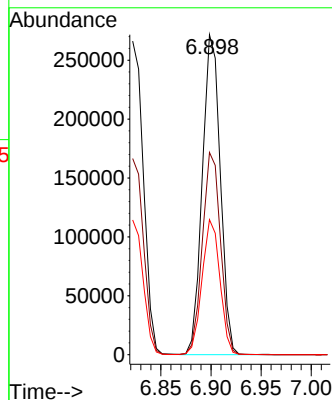
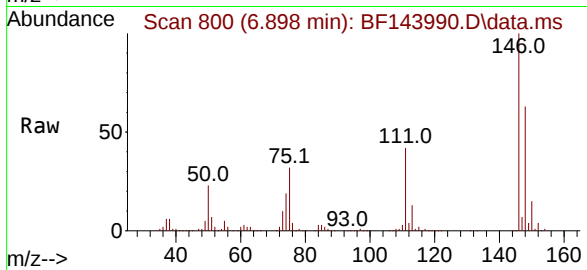
Tgt Ion:146 Resp: 340375

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 42.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 57.359 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

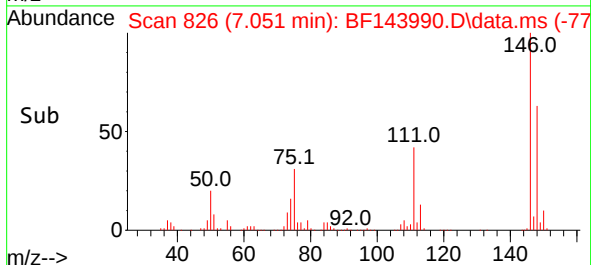
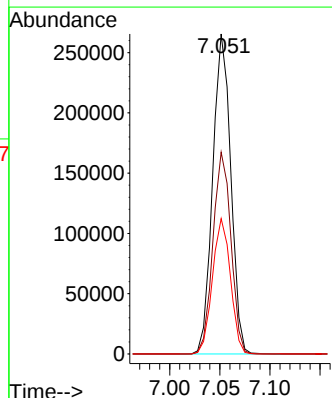
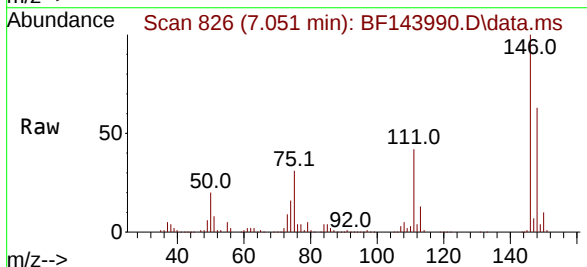
Tgt Ion:146 Resp: 333008

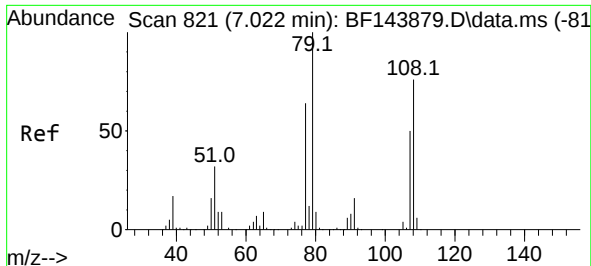
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 42.3 34.6 51.8

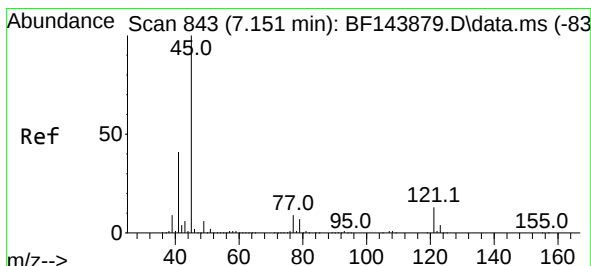
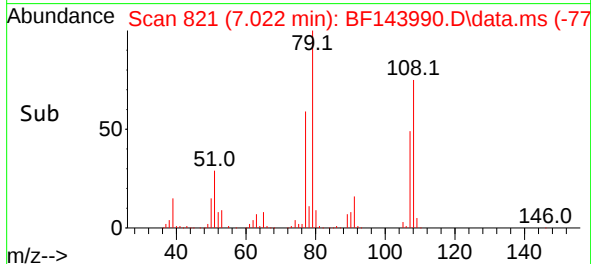
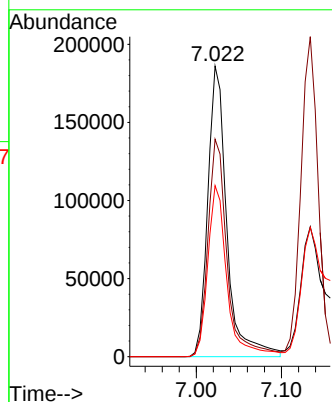
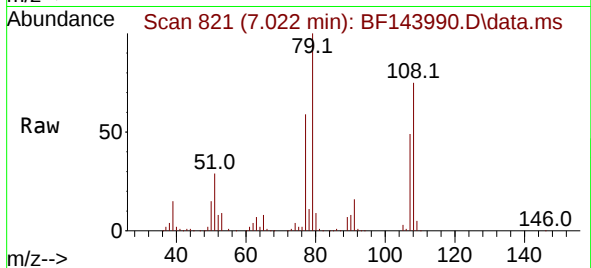




#15
Benzyl Alcohol
Concen: 61.508 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

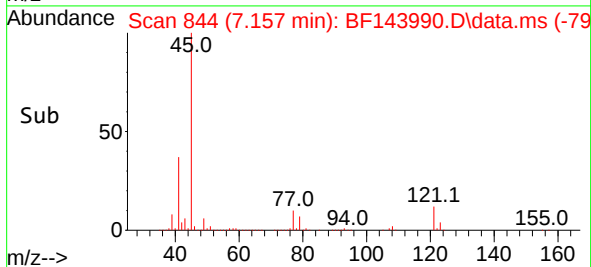
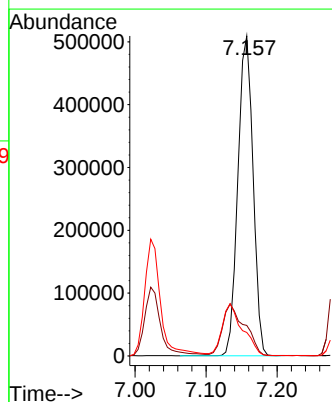
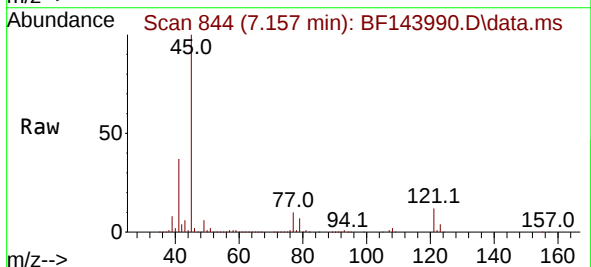
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

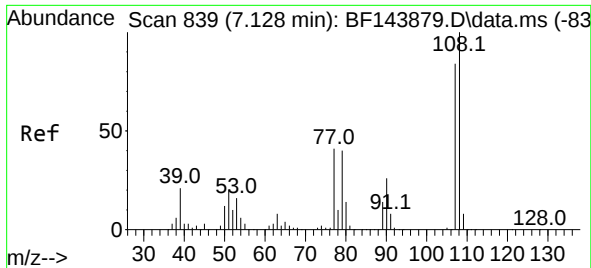
Tgt Ion: 79 Resp: 288474
Ion Ratio Lower Upper
79 100
108 74.8 60.8 91.2
77 58.9 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.442 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion: 45 Resp: 755848
Ion Ratio Lower Upper
45 100
77 9.6 0.0 29.0
79 7.4 0.0 26.8

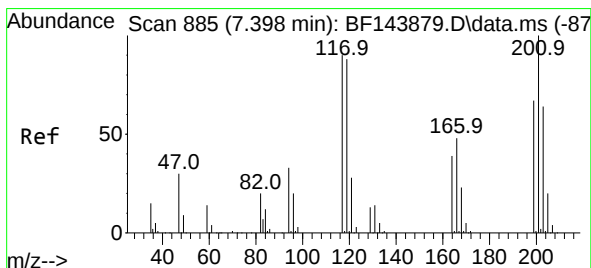
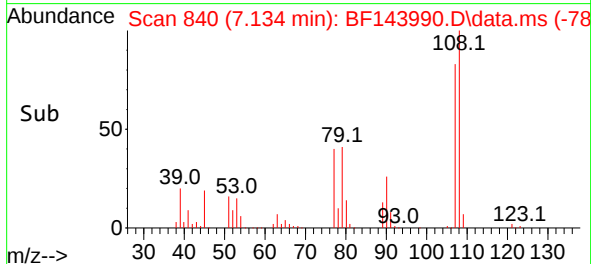
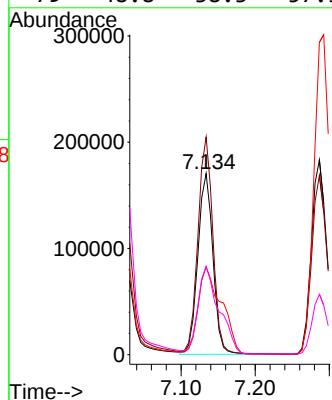
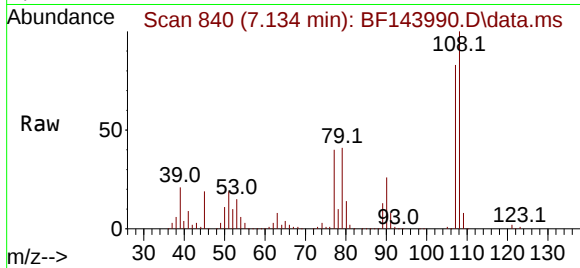




#17
2-Methylphenol
Concen: 56.867 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

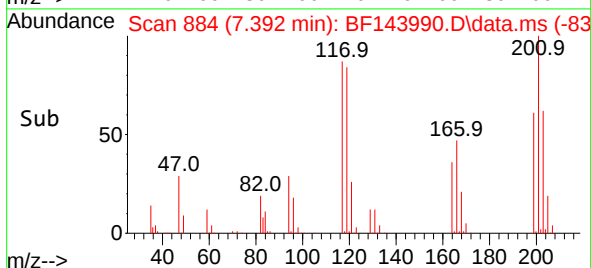
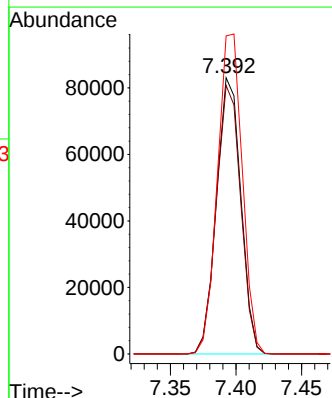
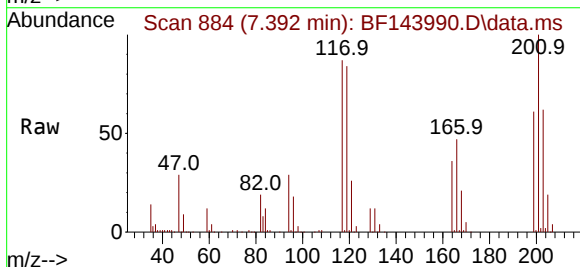
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

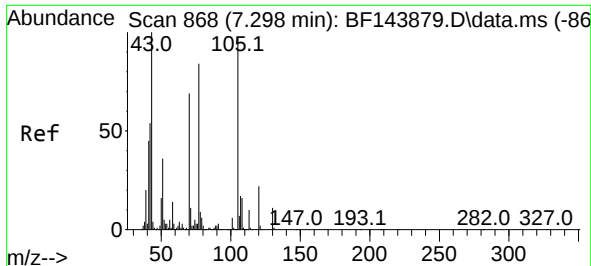
Tgt Ion:	107	Resp:	241249
Ion	Ratio	Lower	Upper
107	100		
108	120.2	94.7	142.1
77	48.5	38.8	58.2
79	48.8	38.3	57.5



#18
Hexachloroethane
Concen: 53.239 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:	117	Resp:	107618
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.8
201	115.2	88.5	132.7



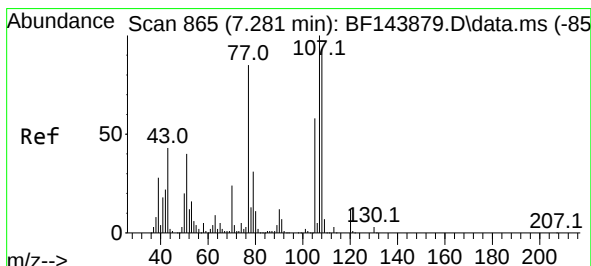
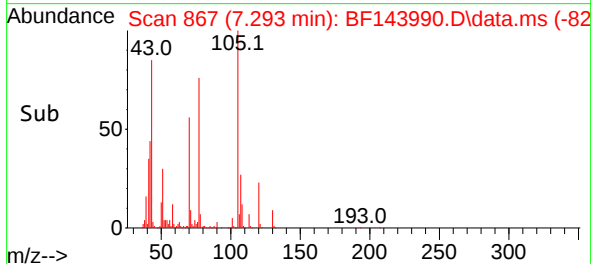
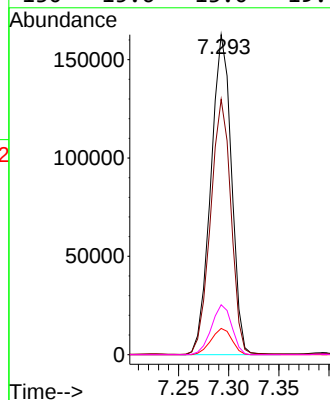
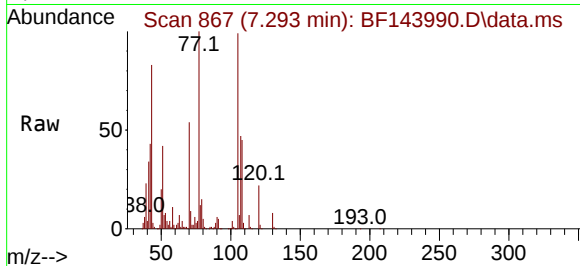


#19
n-Nitroso-di-n-propylamine
Concen: 54.560 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.023 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 70 Resp: 233772

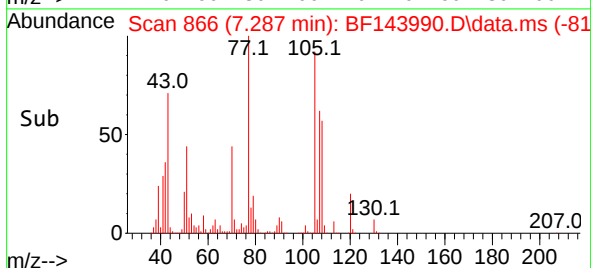
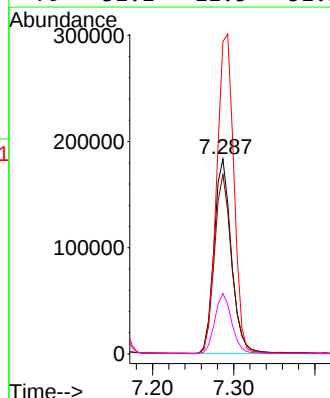
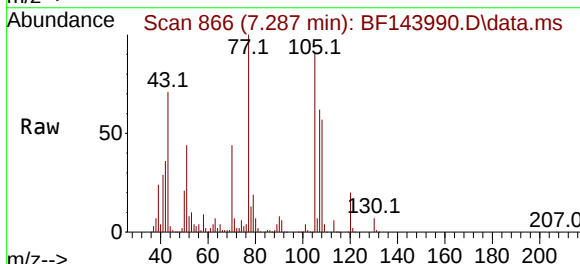
Ion	Ratio	Lower	Upper
70	100		
42	79.8	62.8	94.2
101	8.2	6.7	10.1
130	15.6	13.0	19.4

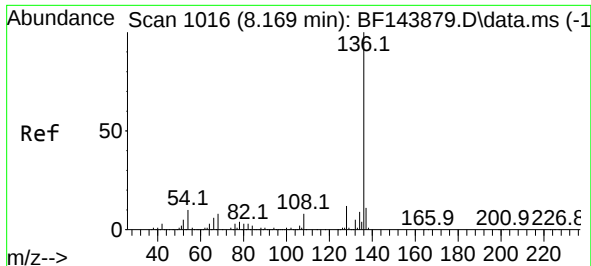


#20
3+4-Methylphenols
Concen: 55.181 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion: 107 Resp: 271318

Ion	Ratio	Lower	Upper
107	100		
108	92.1	73.0	113.0
77	160.3	64.6	104.6#
79	31.1	11.5	51.5

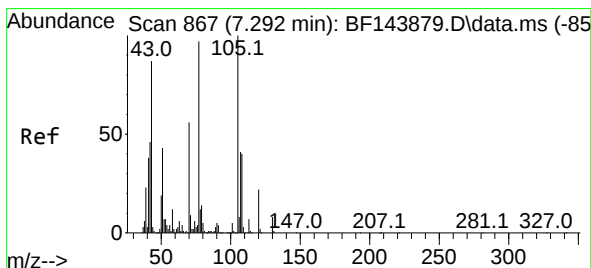
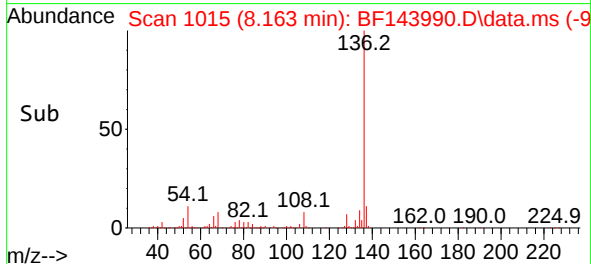
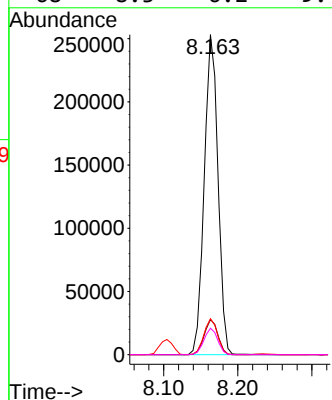
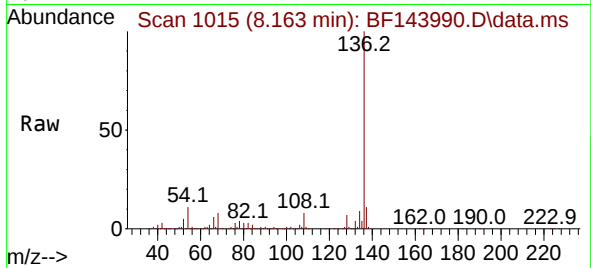




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

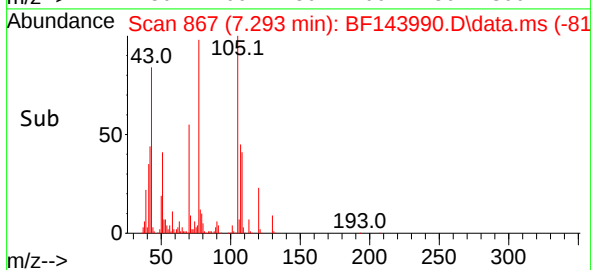
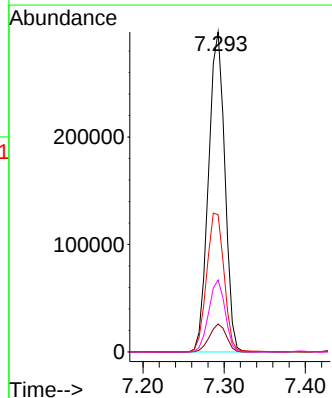
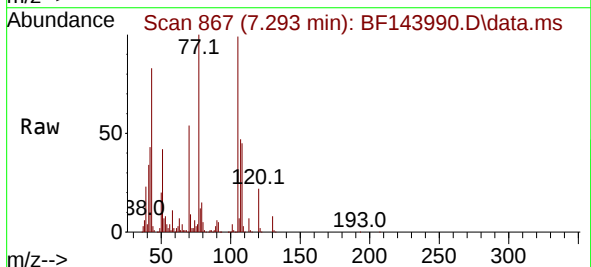
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

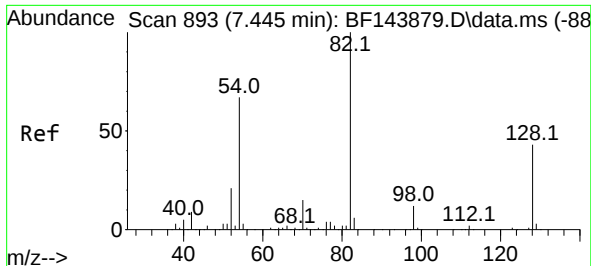
Tgt Ion:136 Resp: 325316
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.3 8.2 12.4
68 8.3 6.2 9.4



#22
Acetophenone
Concen: 60.461 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:105 Resp: 415887
Ion Ratio Lower Upper
105 100
71 8.8 7.4 11.0
51 42.9 34.2 51.4
120 22.5 17.7 26.5





#23

Nitrobenzene-d5

Concen: 116.448 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

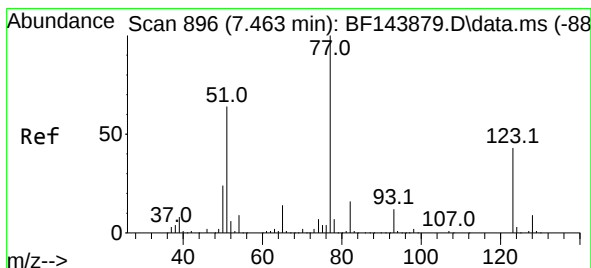
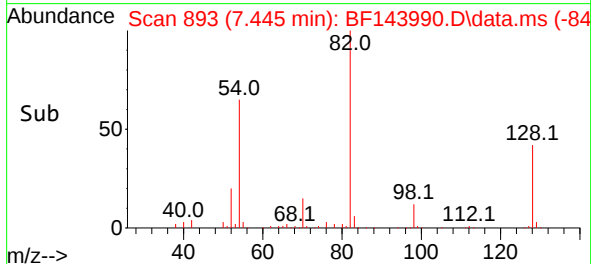
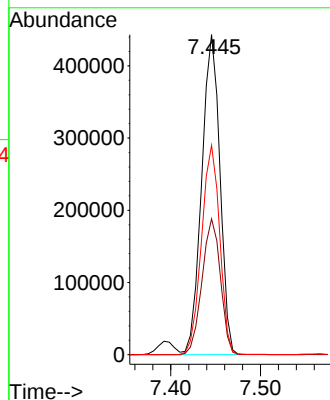
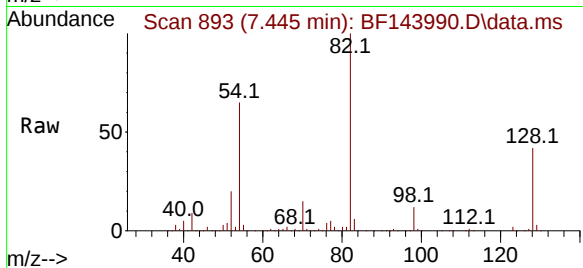
Tgt Ion: 82 Resp: 623529

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

54 65.4 53.2 79.8



#24

Nitrobenzene

Concen: 59.058 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

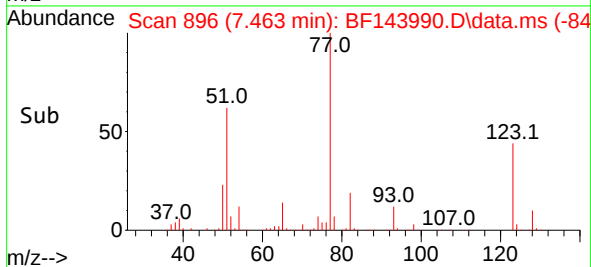
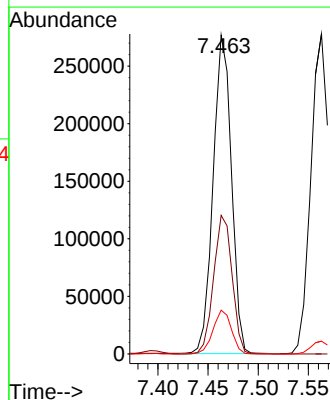
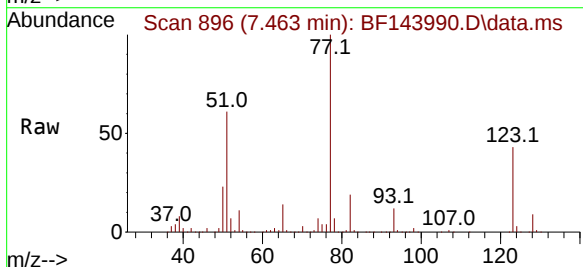
Tgt Ion: 77 Resp: 351180

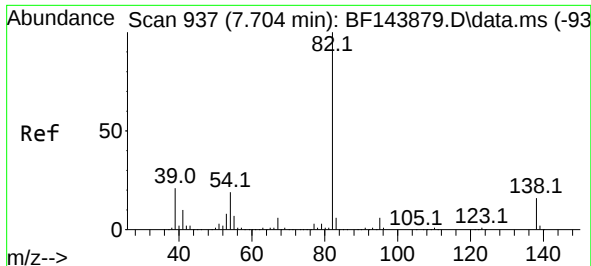
Ion Ratio Lower Upper

77 100

123 43.5 34.2 51.4

65 13.7 11.0 16.6

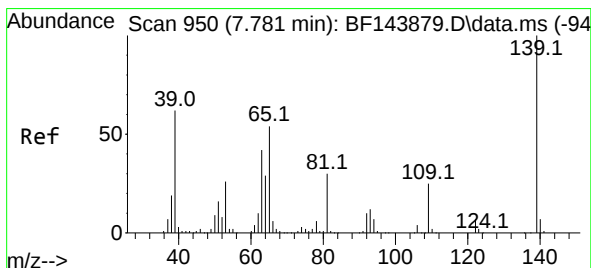
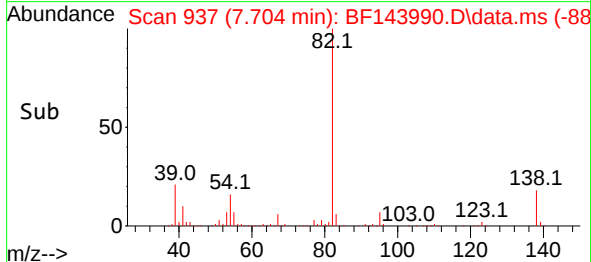
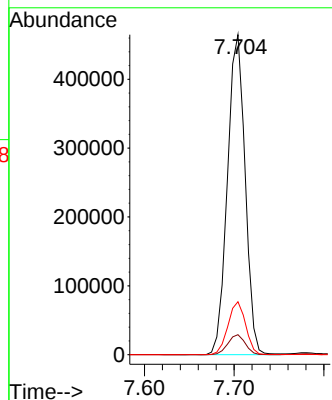
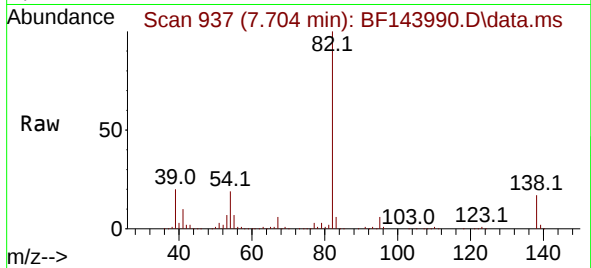




#25
Isophorone
Concen: 56.420 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

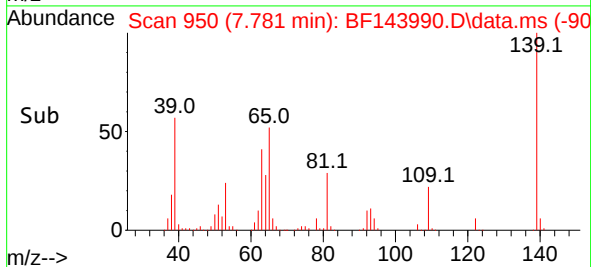
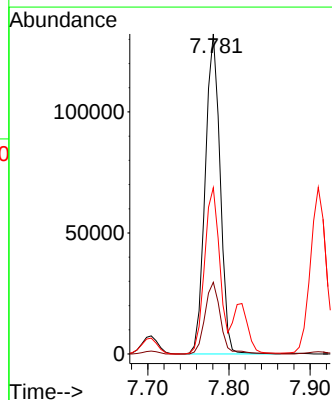
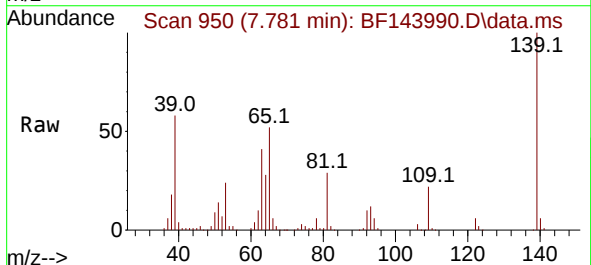
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

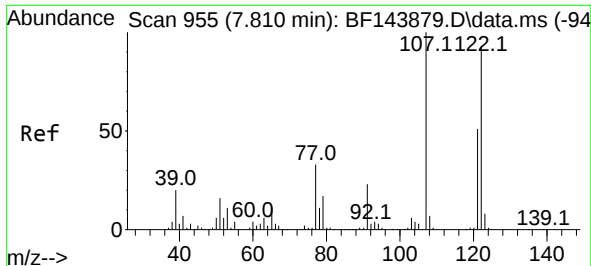
Tgt Ion: 82 Resp: 636999
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.6 12.9 19.3



#26
2-Nitrophenol
Concen: 66.131 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:139 Resp: 168592
Ion Ratio Lower Upper
139 100
109 22.4 19.8 29.6
65 52.0 42.9 64.3

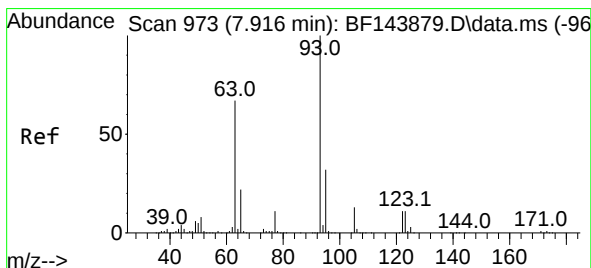
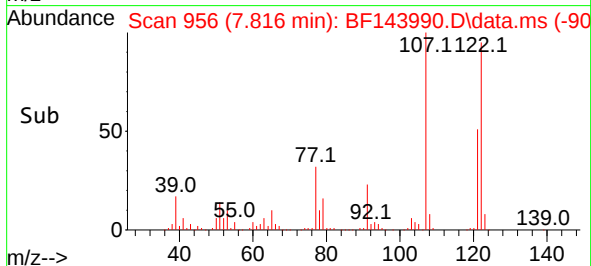
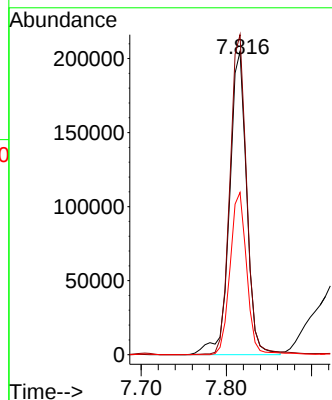
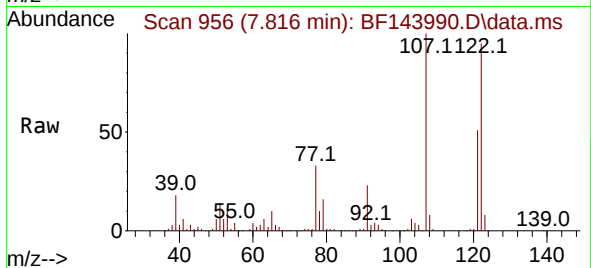




#27
2,4-Dimethylphenol
Concen: 62.688 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

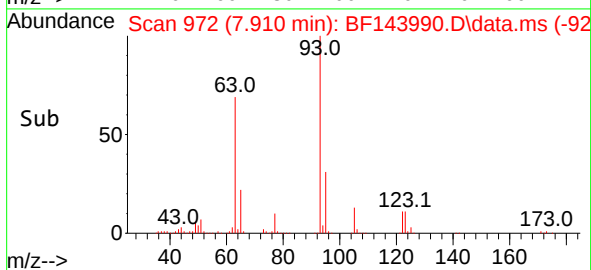
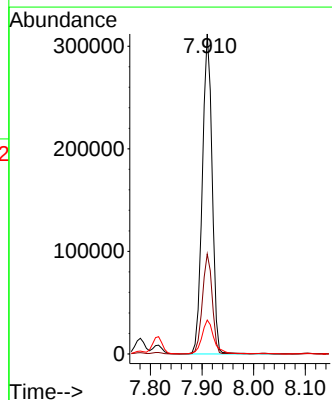
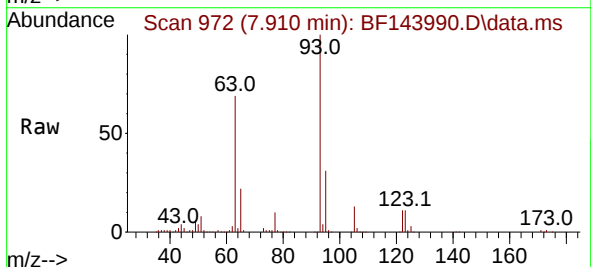
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

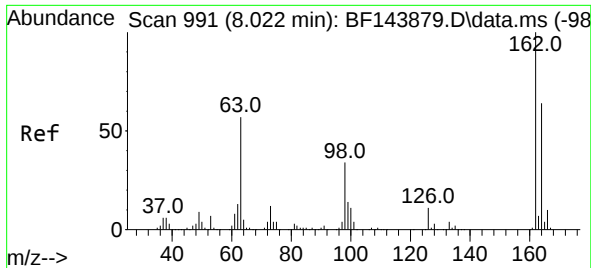
Tgt Ion:122 Resp: 287486
Ion Ratio Lower Upper
122 100
107 105.6 86.1 129.1
121 53.5 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 57.781 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion: 93 Resp: 412096
Ion Ratio Lower Upper
93 100
95 31.2 25.9 38.9
123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.782 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143990.D

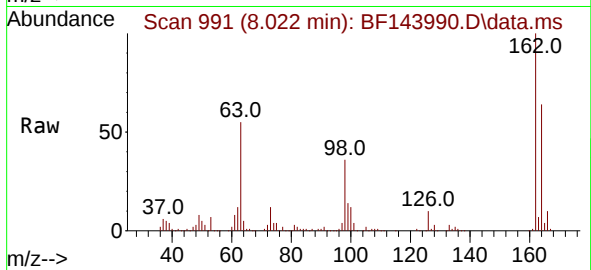
Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



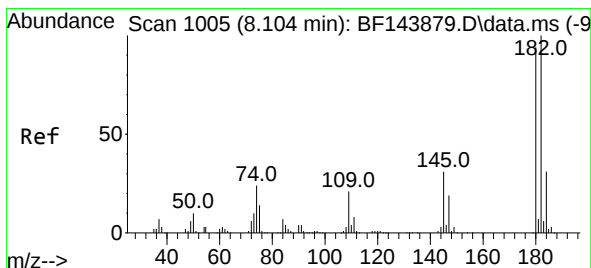
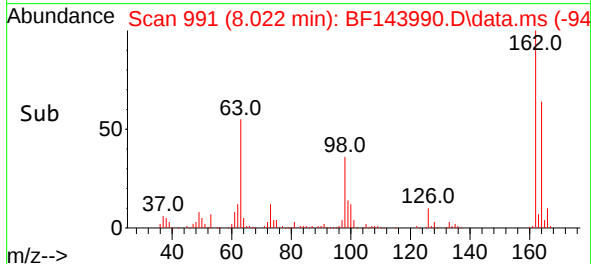
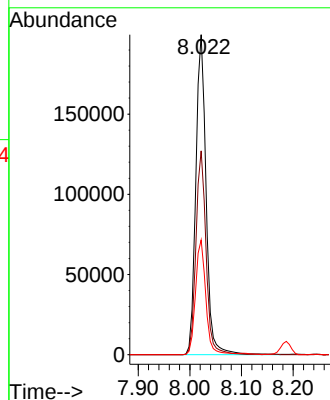
Tgt Ion:162 Resp: 276020

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 58.456 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

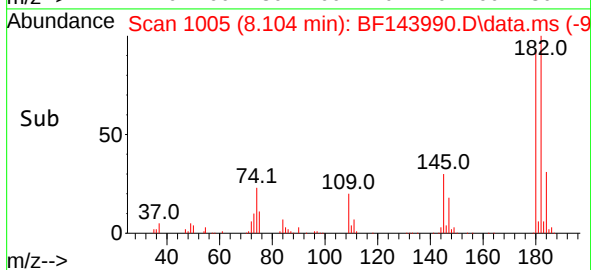
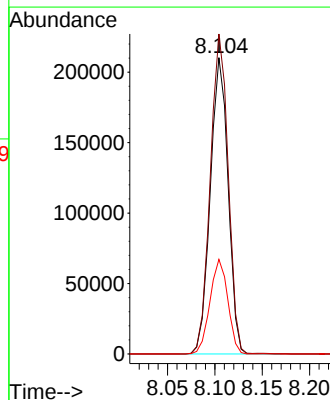
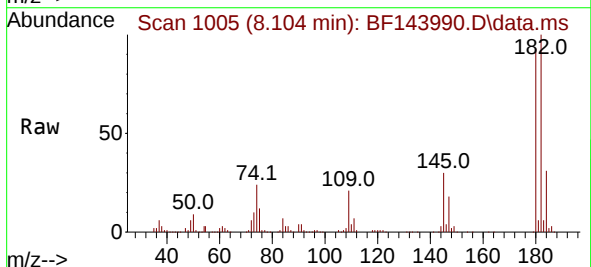
Tgt Ion:180 Resp: 274625

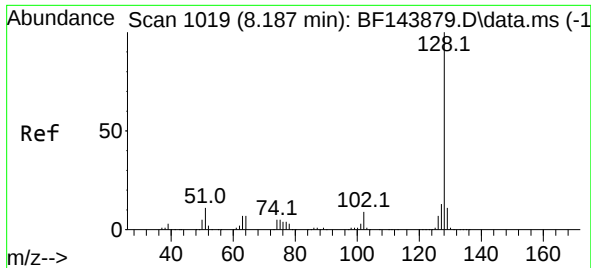
Ion Ratio Lower Upper

180 100

182 108.0 85.4 128.0

145 31.9 26.3 39.5

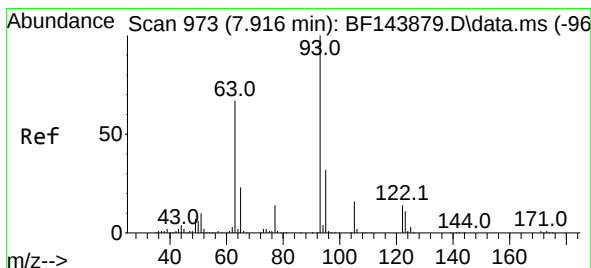
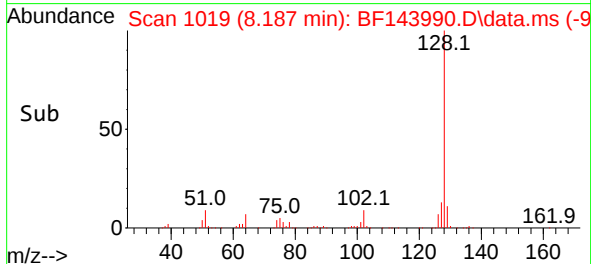
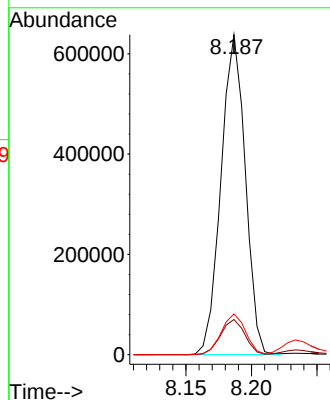
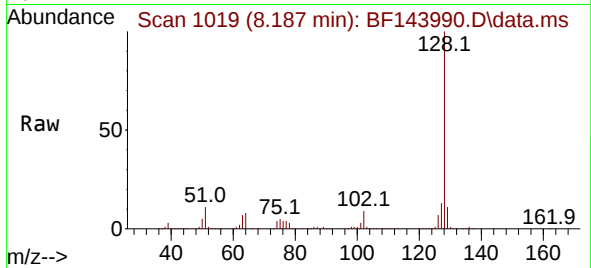




#31
Naphthalene
Concen: 55.482 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

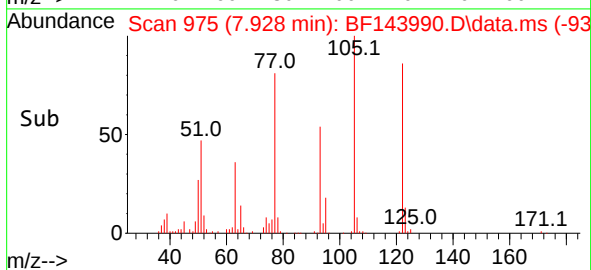
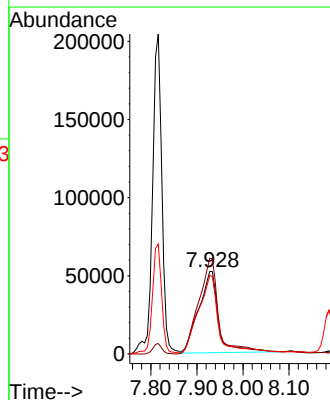
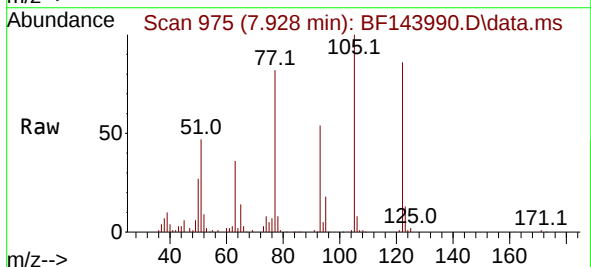
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

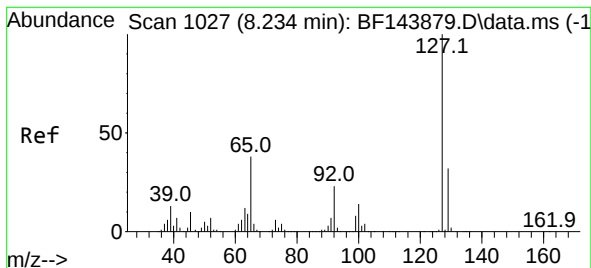
Tgt Ion:128 Resp: 821050
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.0 15.0



#32
Benzoic acid
Concen: 49.136 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:122 Resp: 155951
Ion Ratio Lower Upper
122 100
105 115.8 93.5 133.5
77 95.2 76.3 116.3





#33

4-Chloroaniline

Concen: 9.843 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:127 Resp: 54629

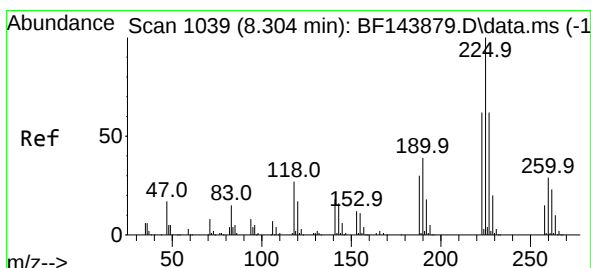
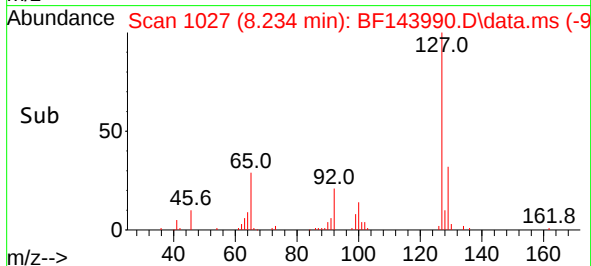
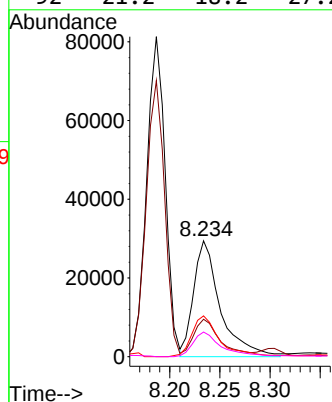
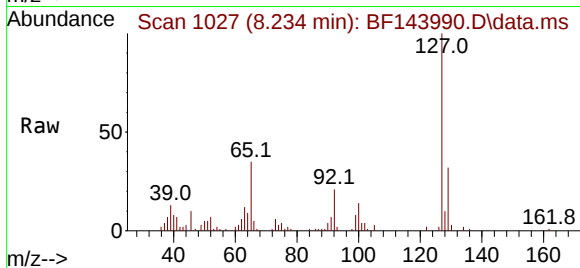
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 35.2 30.0 45.0

92 21.2 18.2 27.2



#34

Hexachlorobutadiene

Concen: 54.223 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

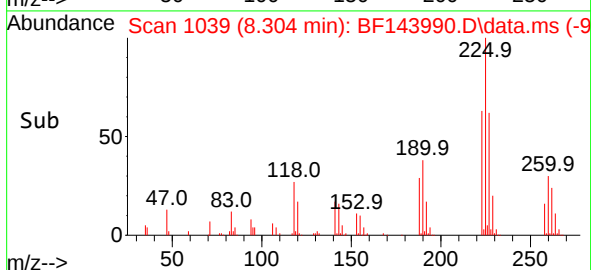
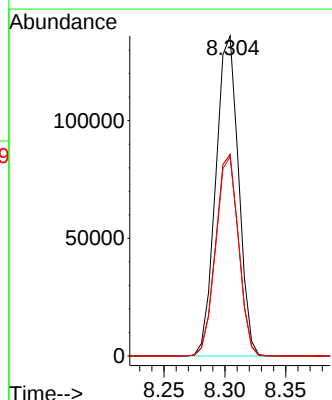
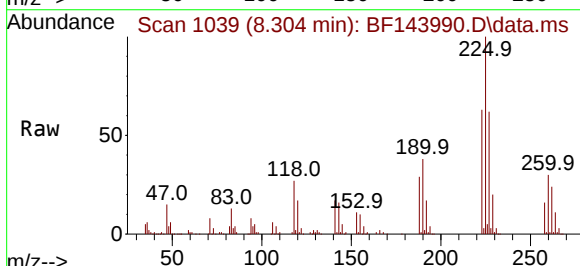
Tgt Ion:225 Resp: 177016

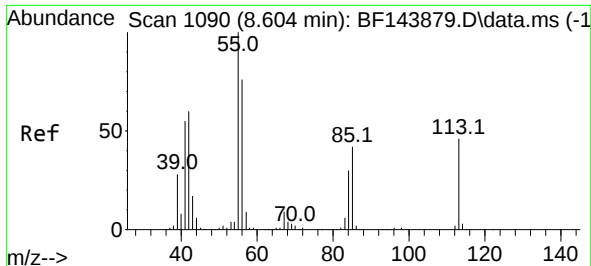
Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.2

227 62.3 49.7 74.5

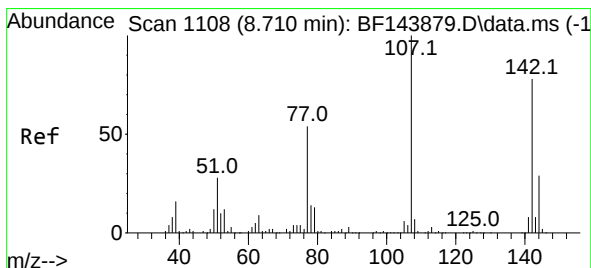
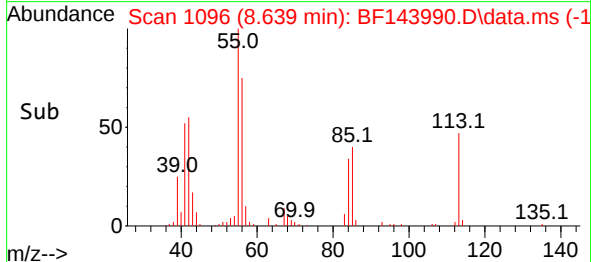
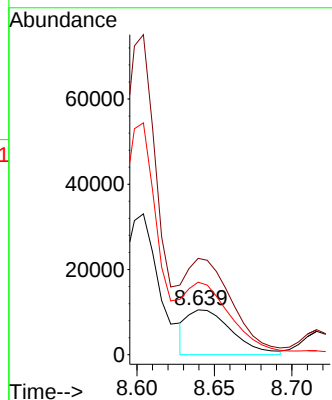
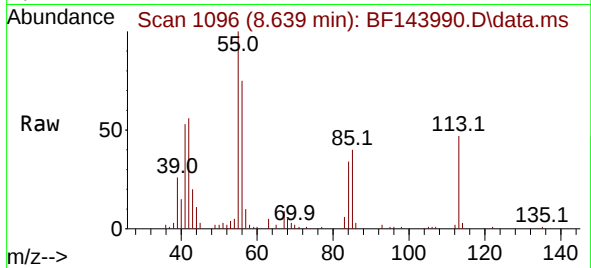




#35
 Caprolactam
 Concen: 13.833 ng
 RT: 8.639 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

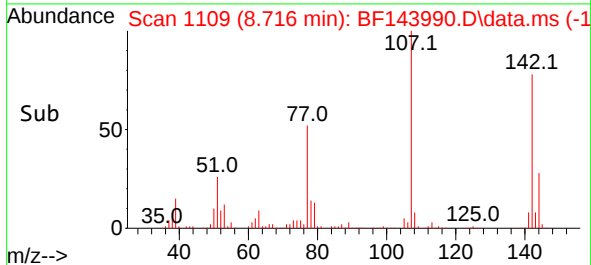
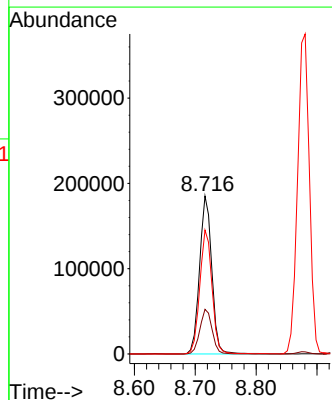
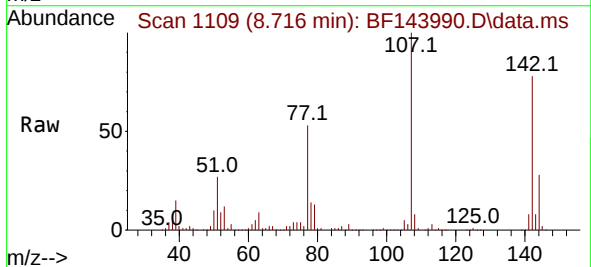
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

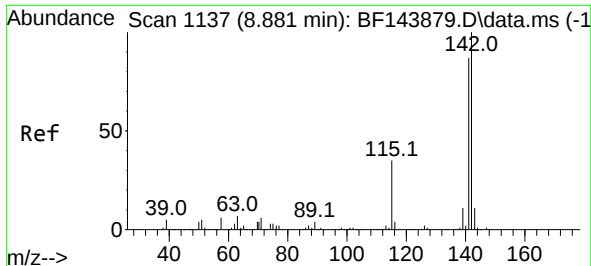
Tgt Ion:113 Resp: 21011
 Ion Ratio Lower Upper
 113 100
 55 215.0 199.6 239.6
 56 161.7 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 56.495 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

Tgt Ion:107 Resp: 259230
 Ion Ratio Lower Upper
 107 100
 144 28.2 23.1 34.7
 142 78.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 51.349 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

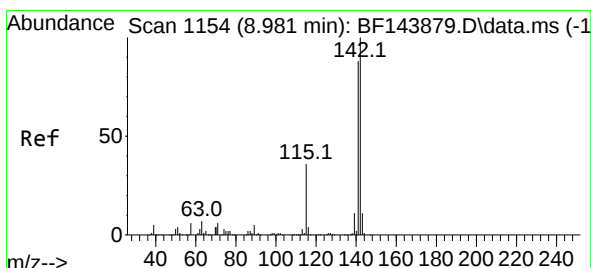
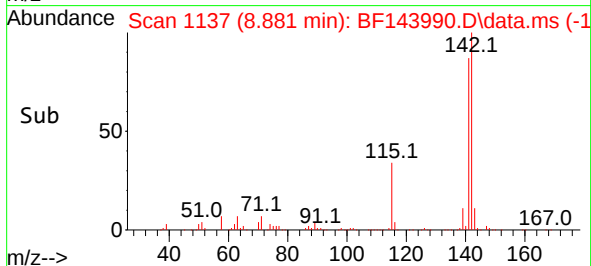
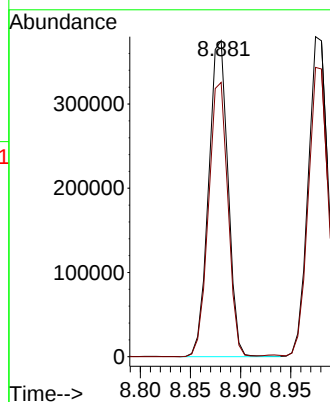
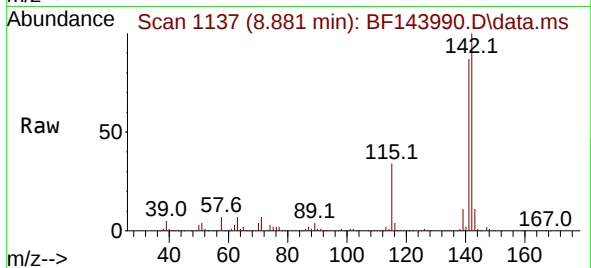
TP-3MSD

Tgt Ion:142 Resp: 506176

Ion Ratio Lower Upper

142 100

141 86.8 69.2 103.8



#38

1-Methylnaphthalene

Concen: 53.792 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143990.D

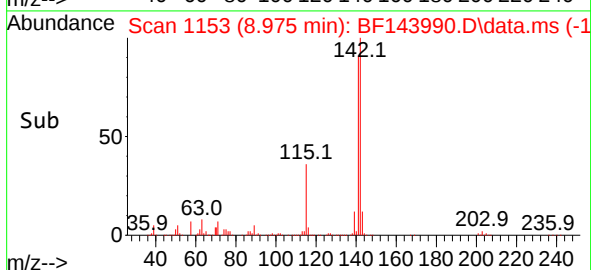
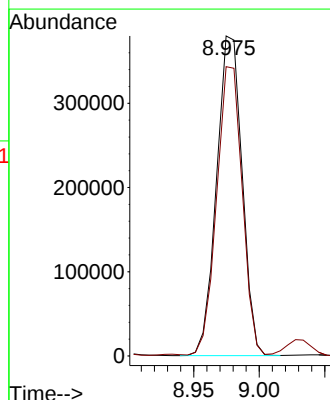
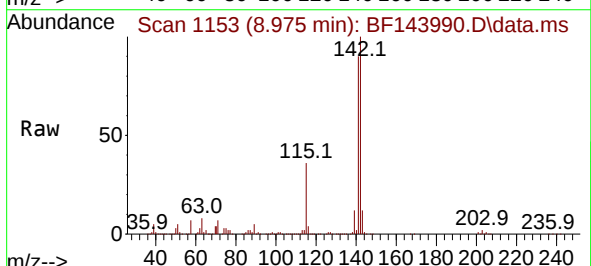
Acq: 17 Oct 2025 17:45

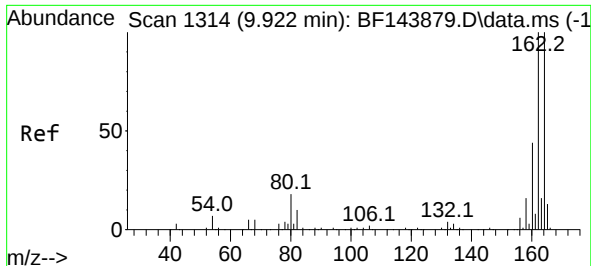
Tgt Ion:142 Resp: 514331

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2

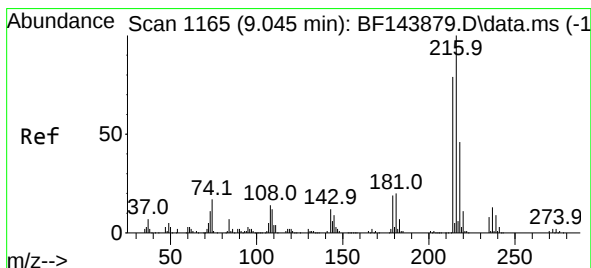
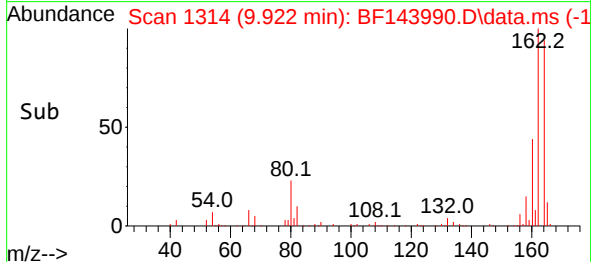
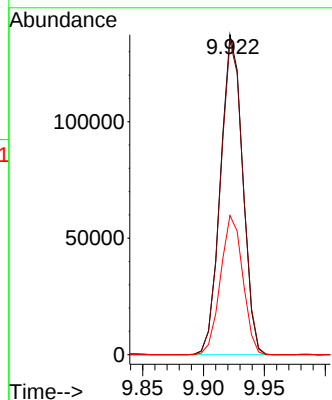
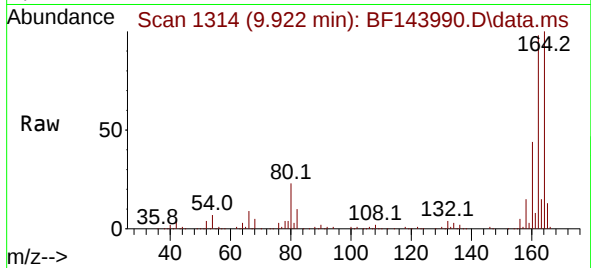




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

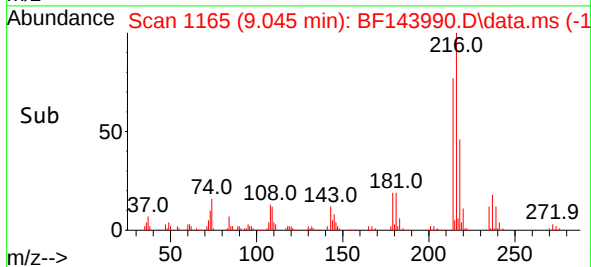
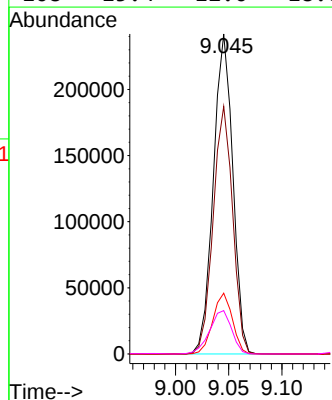
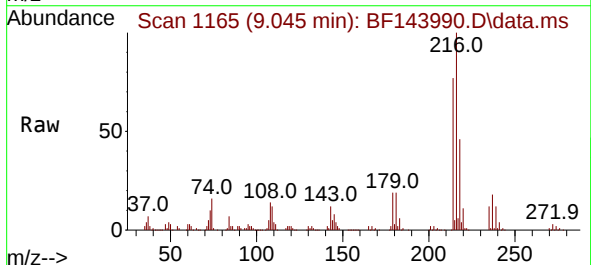
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

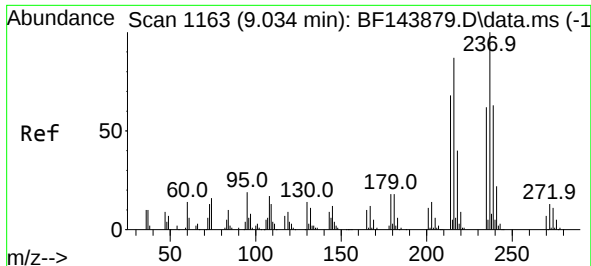
Tgt Ion:164 Resp: 173895
Ion Ratio Lower Upper
164 100
162 98.1 80.2 120.2
160 43.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.877 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:216 Resp: 307006
Ion Ratio Lower Upper
216 100
214 77.4 62.6 94.0
179 19.1 15.4 23.0
108 15.4 12.0 18.0

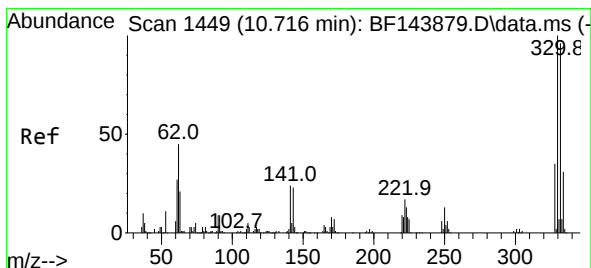
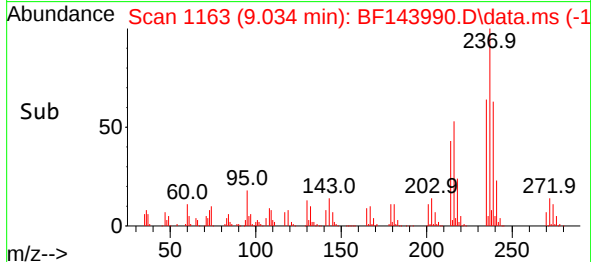
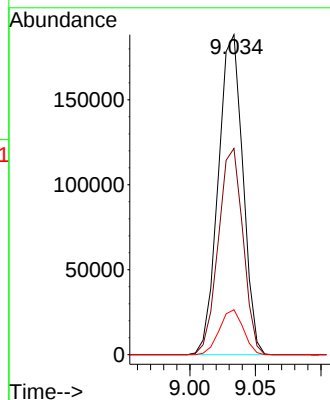
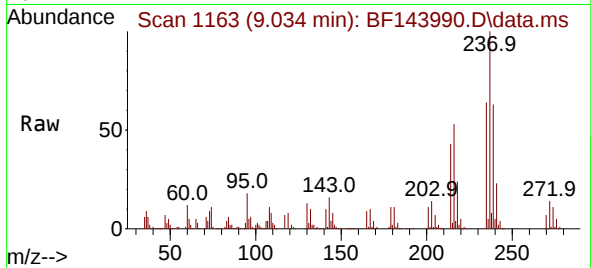




#41
Hexachlorocyclopentadiene
Concen: 123.106 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

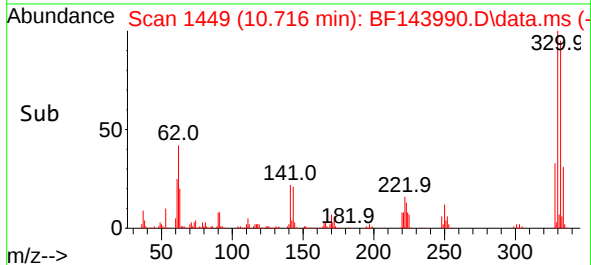
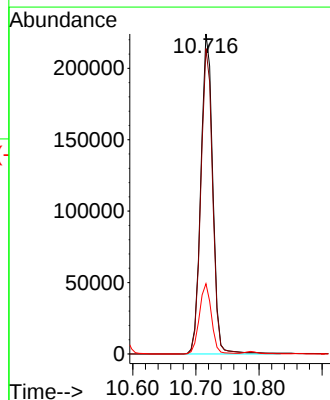
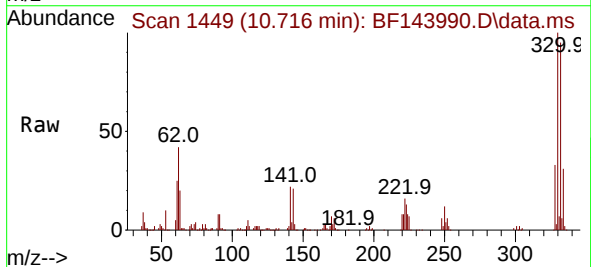
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

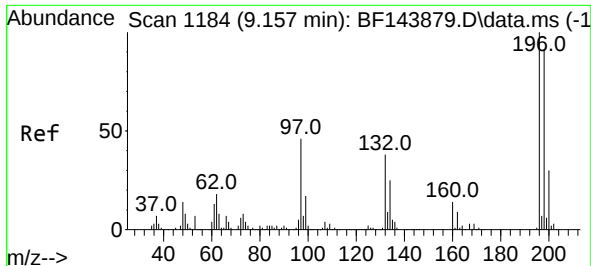
Tgt Ion:237 Resp: 245462
Ion Ratio Lower Upper
237 100
235 64.4 42.3 82.3
272 14.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 169.475 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:330 Resp: 293535
Ion Ratio Lower Upper
330 100
332 94.8 76.9 115.3
141 22.2 20.2 30.4

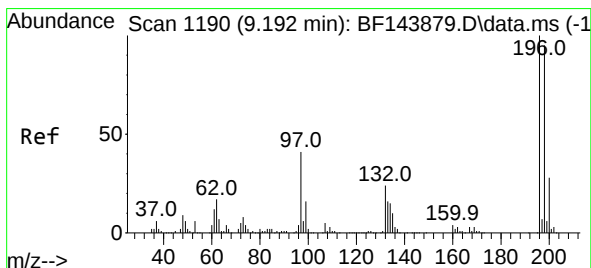
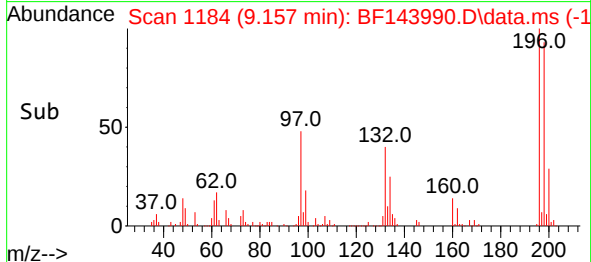
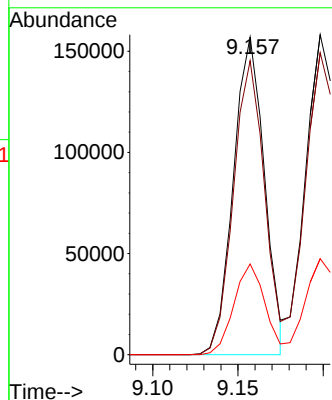
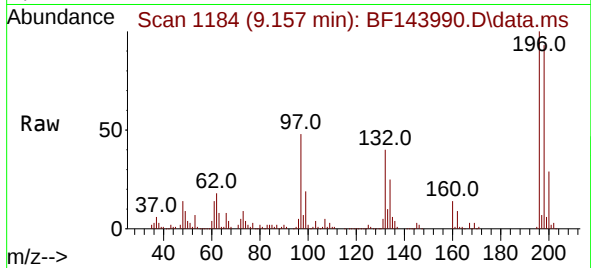




#43
2,4,6-Trichlorophenol
Concen: 56.895 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

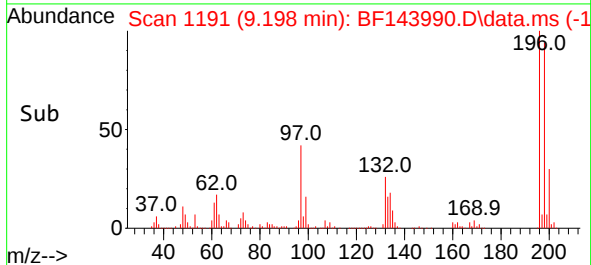
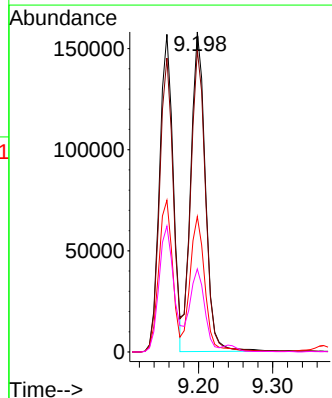
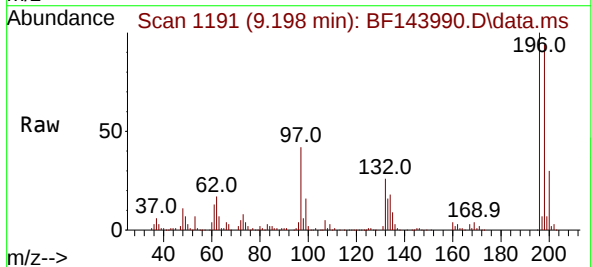
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

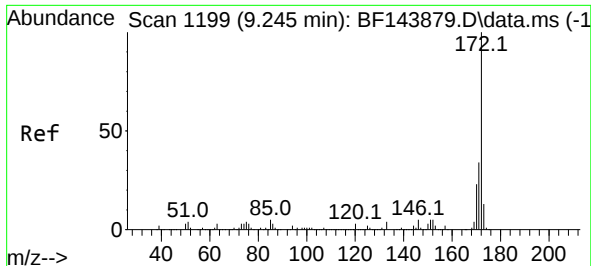
Tgt Ion:196 Resp: 199798
Ion Ratio Lower Upper
196 100
198 92.6 72.8 109.2
200 28.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 58.407 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:196 Resp: 216751
Ion Ratio Lower Upper
196 100
198 94.3 75.5 113.3
97 42.3 33.9 50.9
132 25.9 20.0 30.0

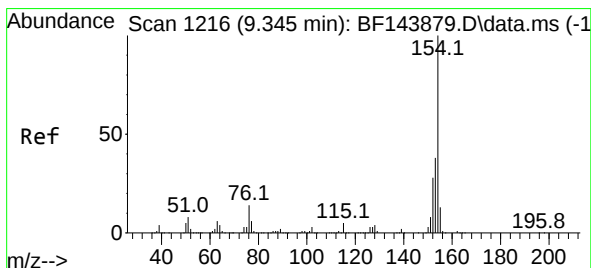
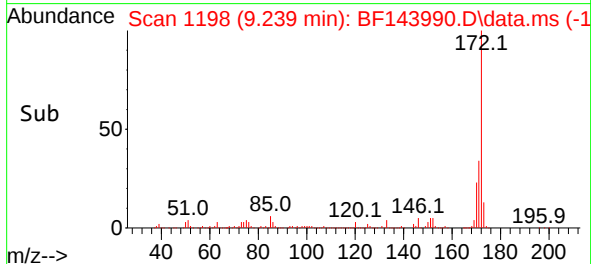
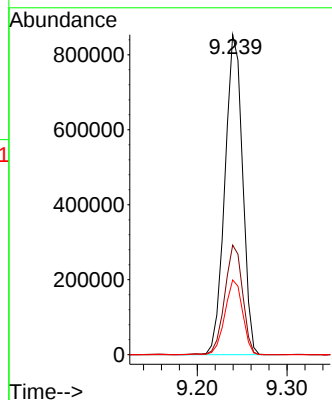
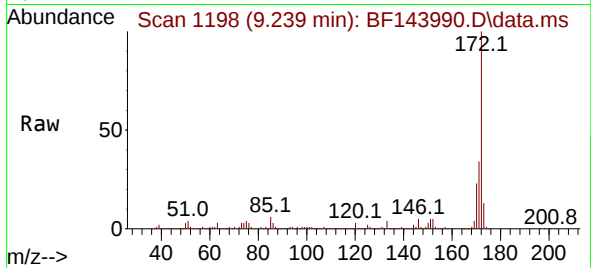




#45
2-Fluorobiphenyl
Concen: 106.408 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

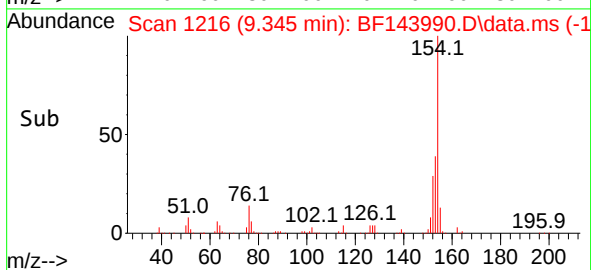
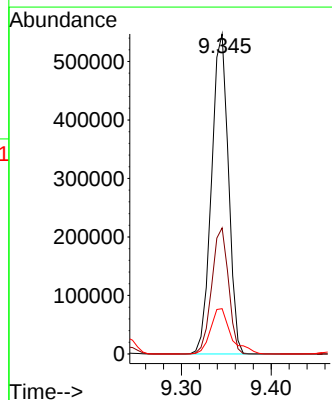
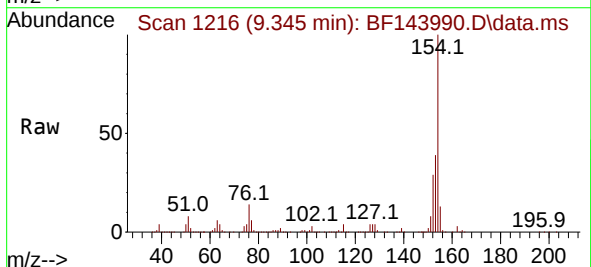
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

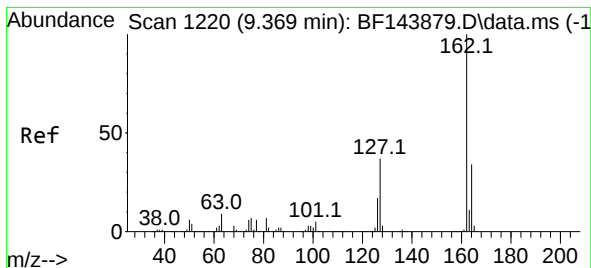
Tgt Ion:172 Resp: 1166155
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 61.989 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:154 Resp: 713703
Ion Ratio Lower Upper
154 100
153 39.4 18.4 58.4
76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 56.914 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

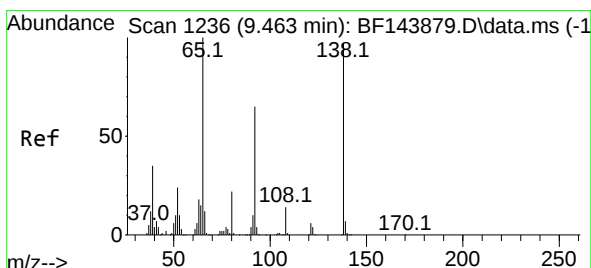
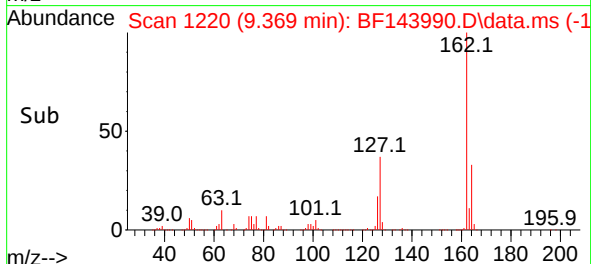
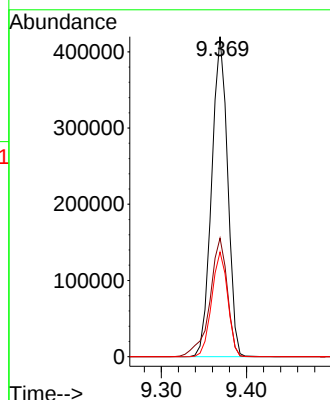
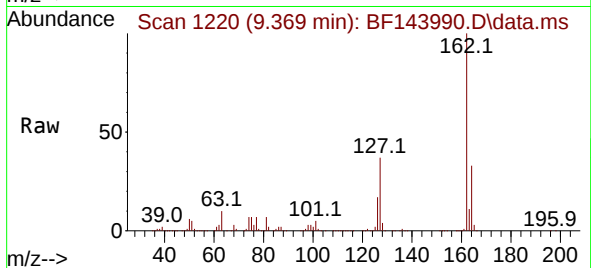
Tgt Ion:162 Resp: 546339

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

164 32.7 26.9 40.3



#48

2-Nitroaniline

Concen: 63.569 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

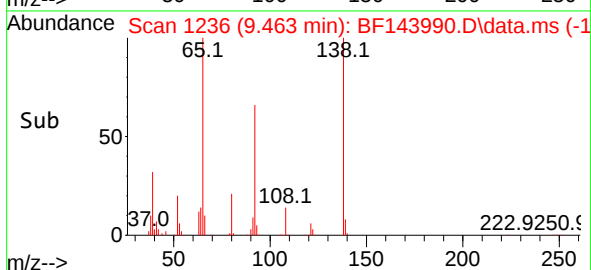
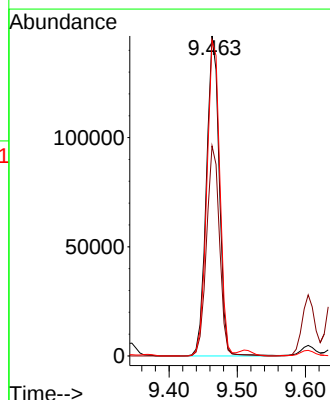
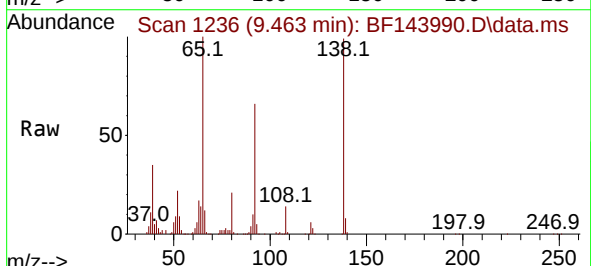
Tgt Ion: 65 Resp: 192927

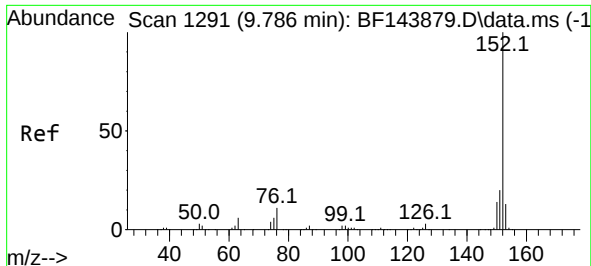
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

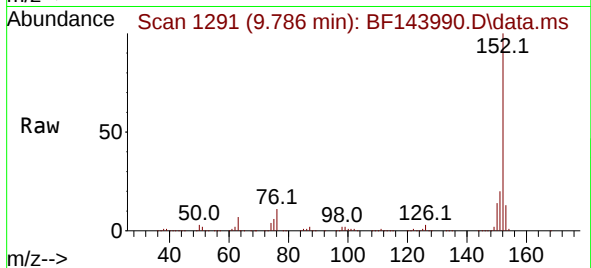
138 98.6 77.4 116.2



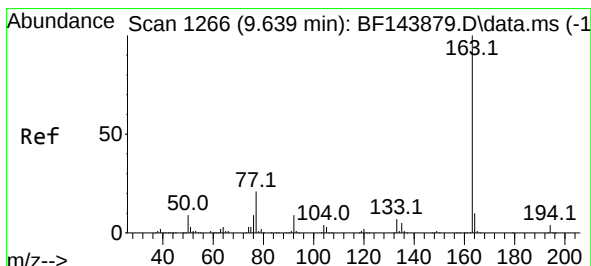
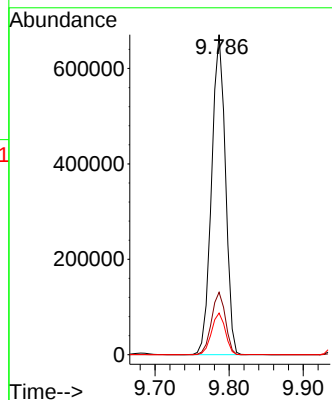
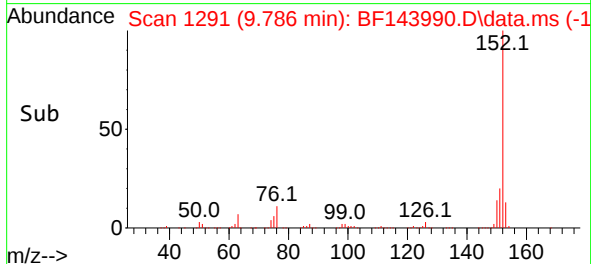


#49
Acenaphthylene
Concen: 64.370 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

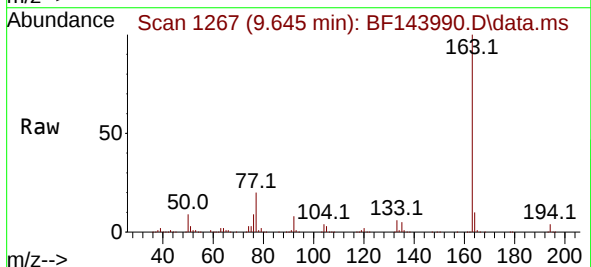
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



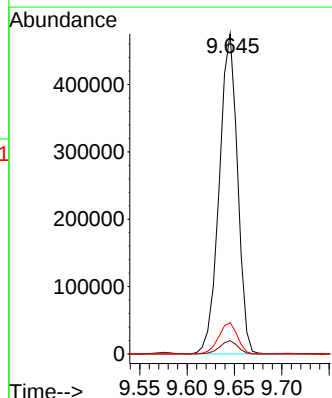
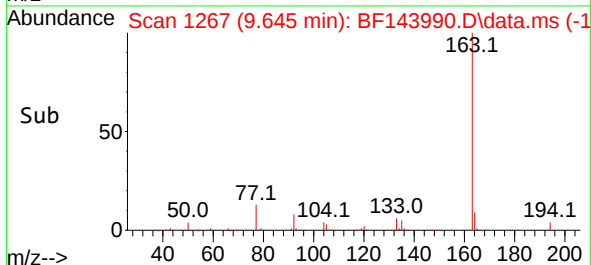
Tgt Ion:152 Resp: 868694
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.5 15.7

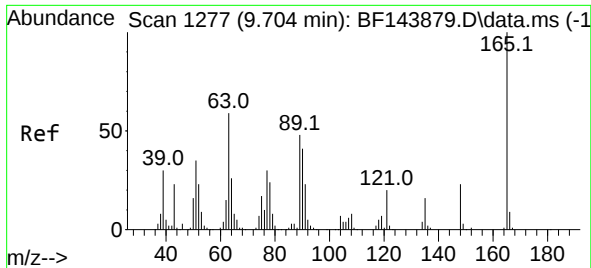


#50
Dimethylphthalate
Concen: 57.814 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45



Tgt Ion:163 Resp: 638446
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.1 12.1

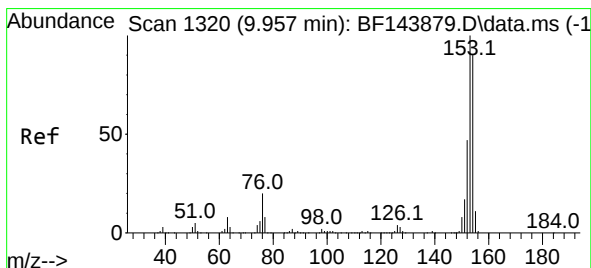
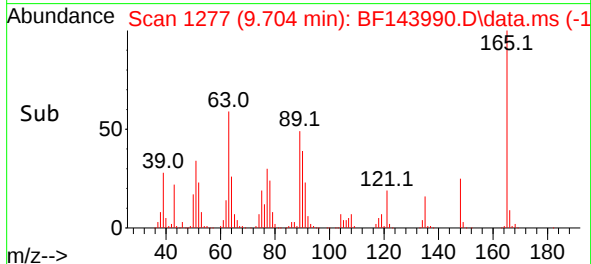
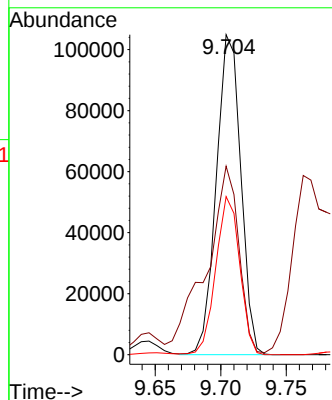
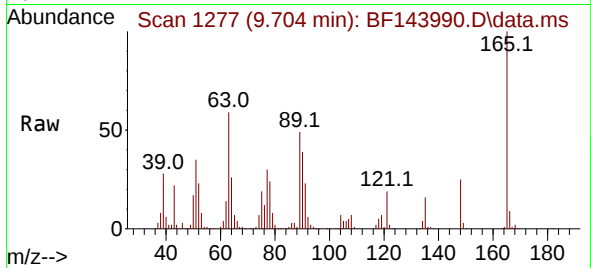




#51
2,6-Dinitrotoluene
Concen: 66.565 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

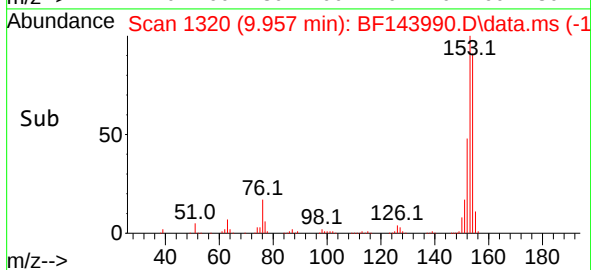
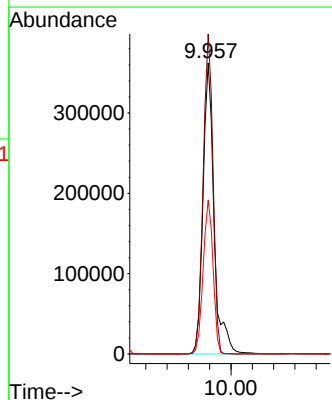
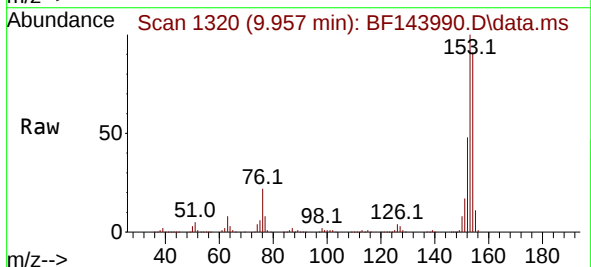
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

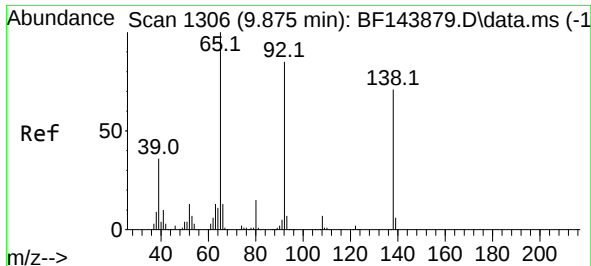
Tgt Ion:165 Resp: 136306
Ion Ratio Lower Upper
165 100
63 58.9 47.3 70.9
89 49.4 38.2 57.4



#52
Acenaphthene
Concen: 58.817 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:154 Resp: 520119
Ion Ratio Lower Upper
154 100
153 109.9 89.3 133.9
152 52.9 42.2 63.2

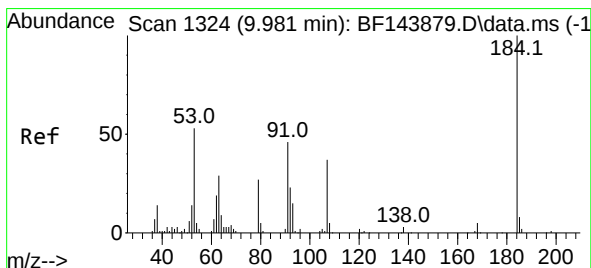
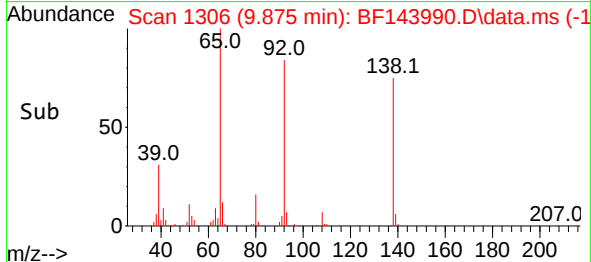
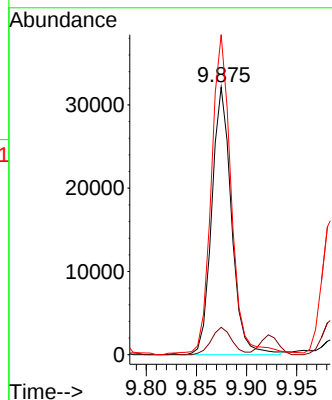
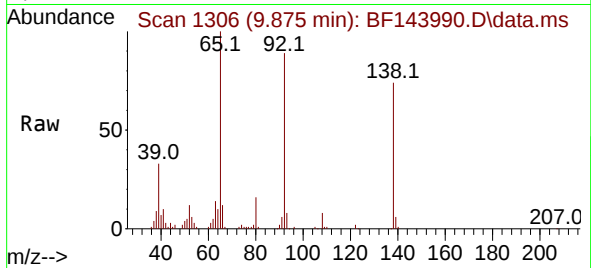




#53
3-Nitroaniline
Concen: 17.509 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

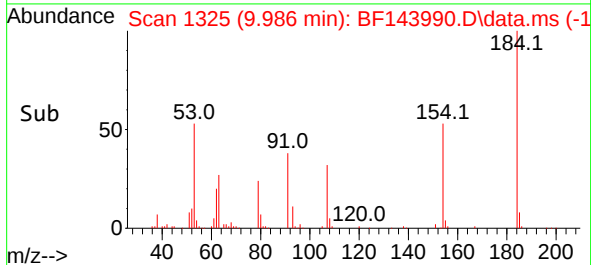
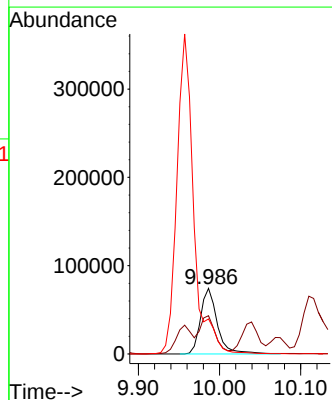
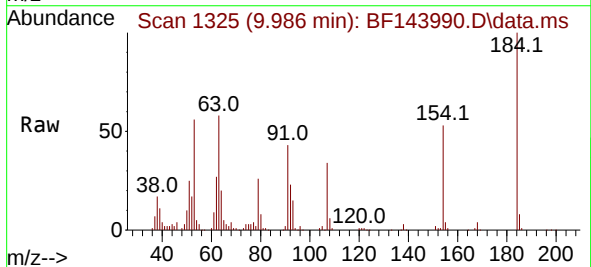
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

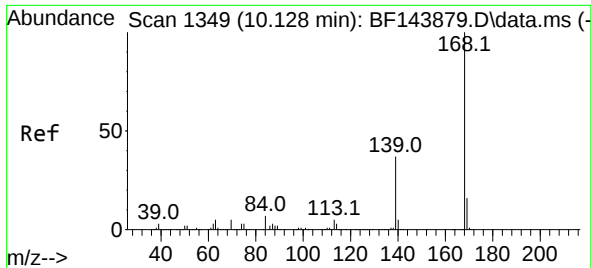
Tgt Ion:138 Resp: 43901
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 119.6 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 84.377 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:184 Resp: 107102
Ion Ratio Lower Upper
184 100
63 58.4 48.2 72.4
154 53.3 49.2 73.8

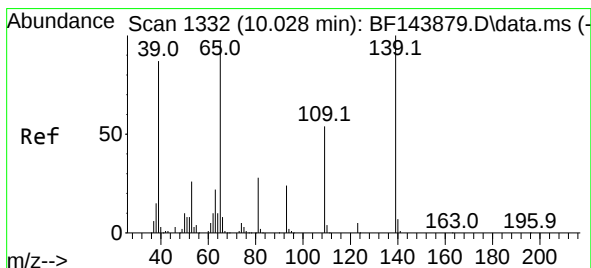
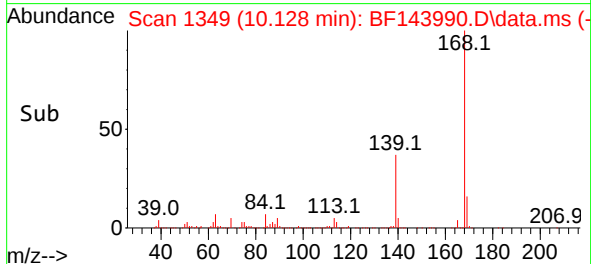
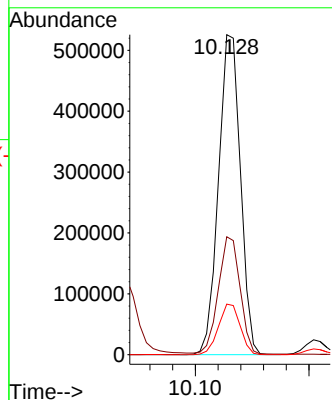
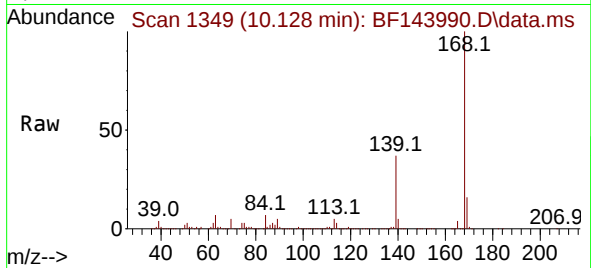




#55
Dibenzenofuran
Concen: 56.566 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

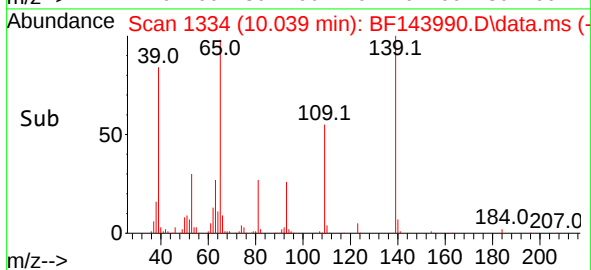
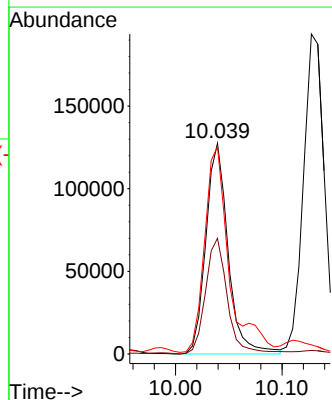
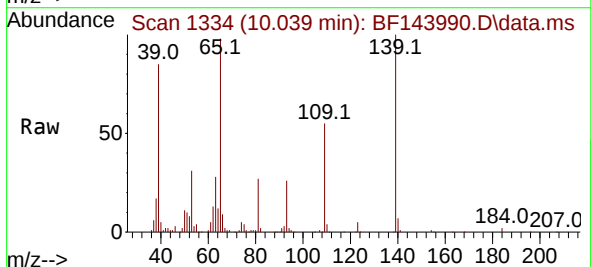
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

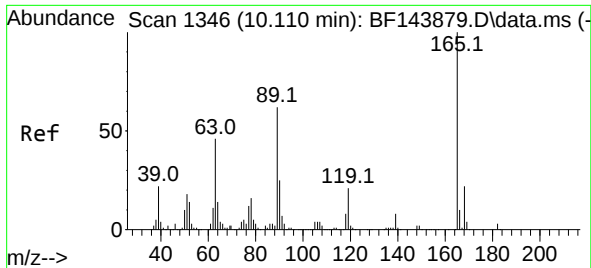
Tgt Ion:168 Resp: 706104
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 15.8 12.8 19.2



#56
4-Nitrophenol
Concen: 97.630 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:139 Resp: 185347
Ion Ratio Lower Upper
139 100
109 54.9 34.5 74.5
65 98.4 77.6 117.6

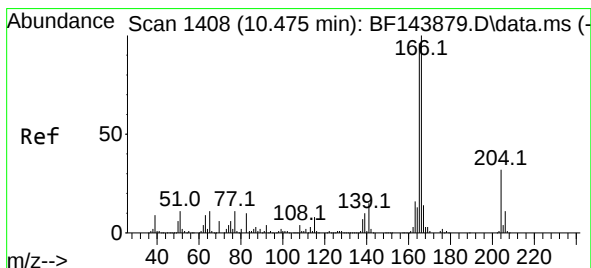
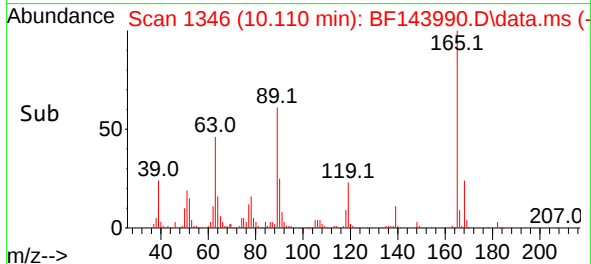
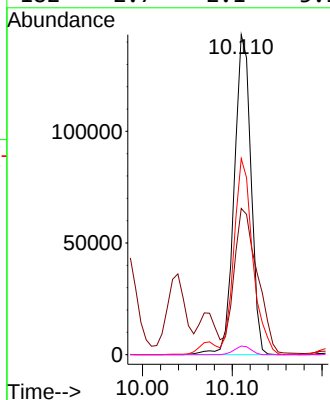
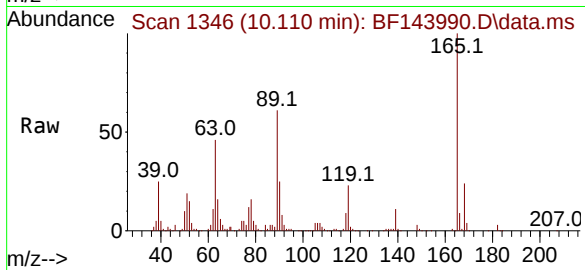




#57
2,4-Dinitrotoluene
Concen: 66.735 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

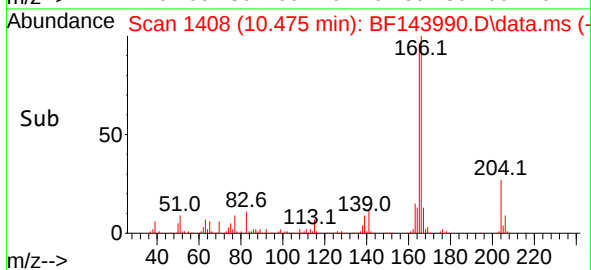
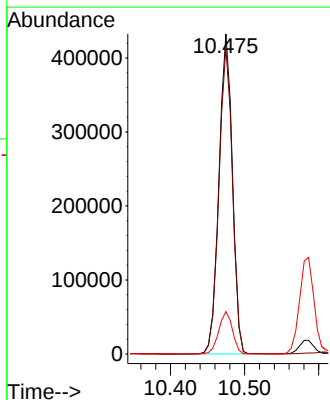
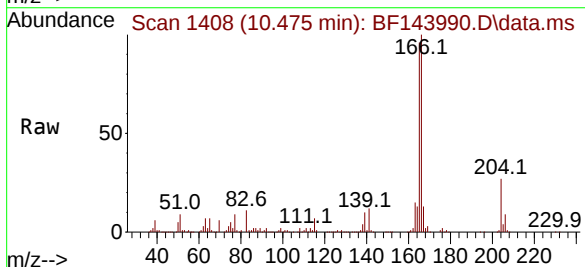
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

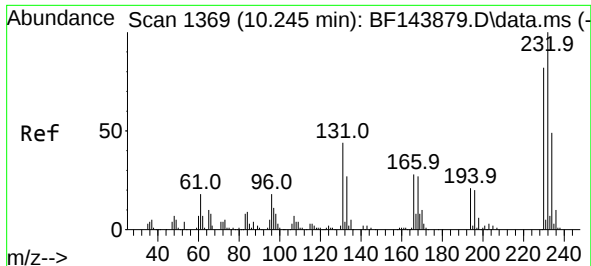
Tgt Ion:165 Resp: 185935
Ion Ratio Lower Upper
165 100
63 45.7 37.2 55.8
89 61.3 49.4 74.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 58.028 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:166 Resp: 546575
Ion Ratio Lower Upper
166 100
165 95.8 77.0 115.6
167 13.3 11.1 16.7

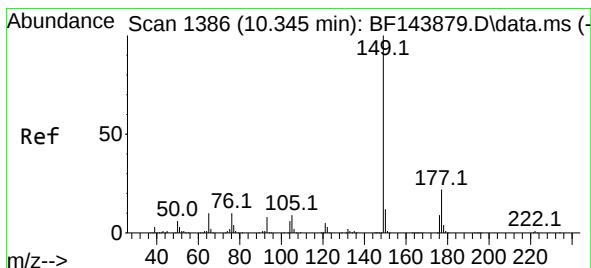
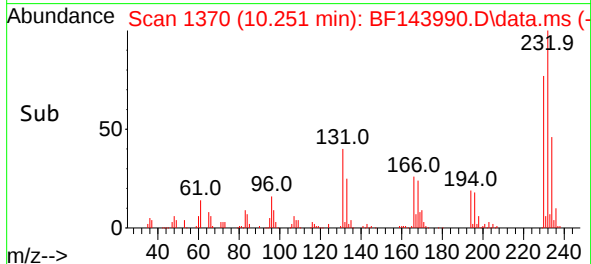
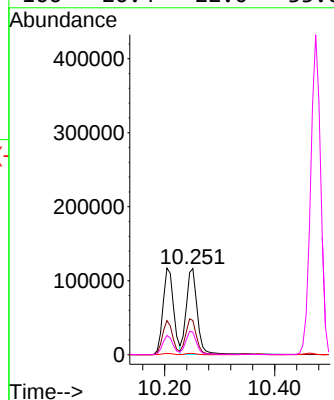
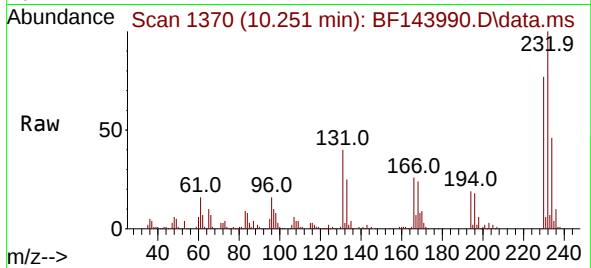




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.494 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

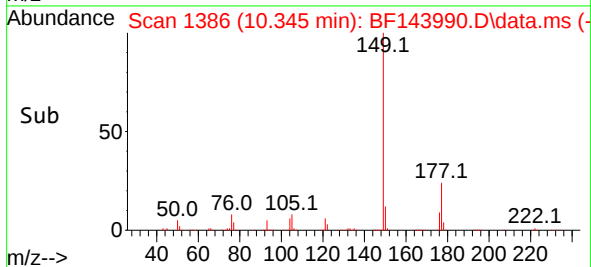
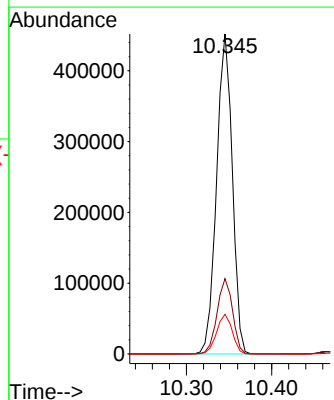
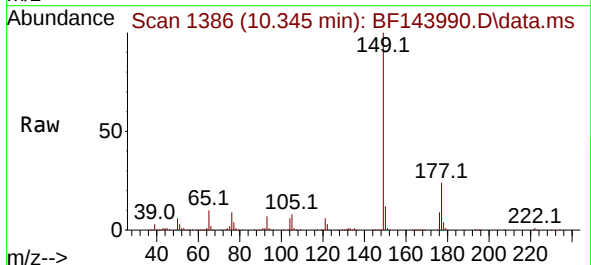
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

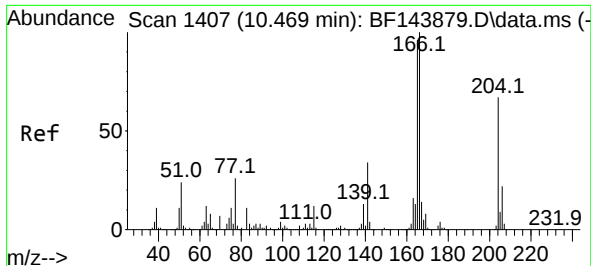
Tgt Ion:232 Resp: 161544
Ion Ratio Lower Upper
232 100
131 41.0 34.9 52.3
130 1.5 1.6 2.4#
166 26.4 22.0 33.0



#60
Diethylphthalate
Concen: 56.441 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:149 Resp: 579033
Ion Ratio Lower Upper
149 100
177 23.5 17.9 26.9
150 12.4 9.8 14.8

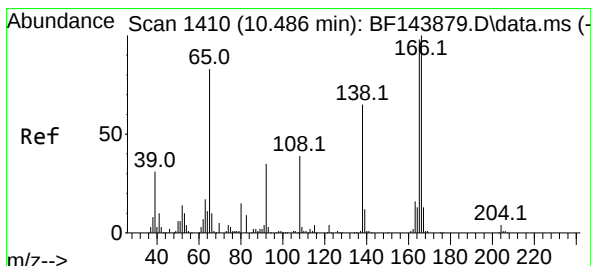
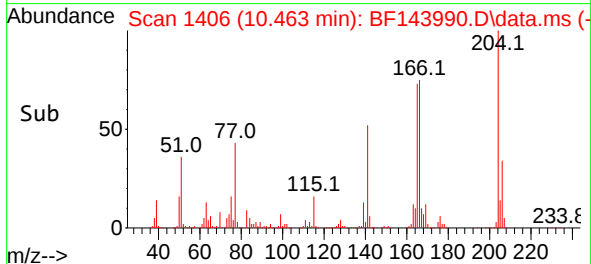
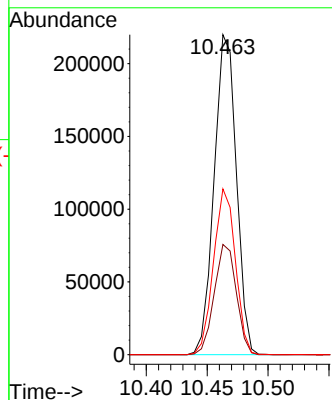
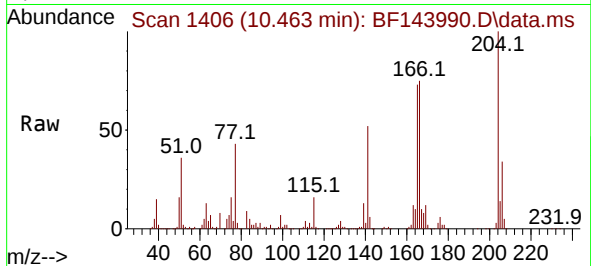




#61
4-Chlorophenyl-phenylether
Concen: 56.073 ng
RT: 10.463 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

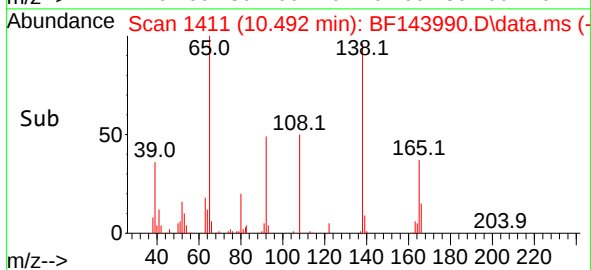
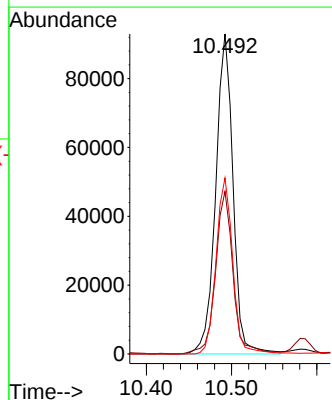
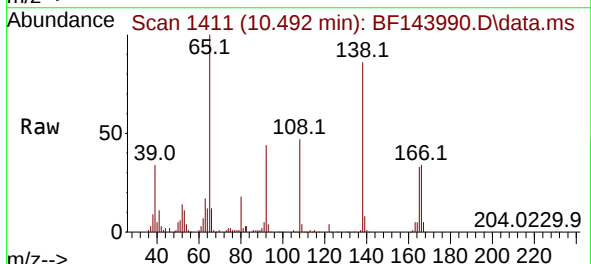
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

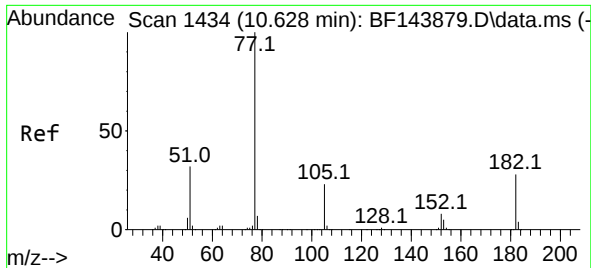
Tgt Ion:204 Resp: 279237
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 51.8 40.4 60.6



#62
4-Nitroaniline
Concen: 54.516 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:138 Resp: 131445
Ion Ratio Lower Upper
138 100
92 50.8 33.9 73.9
108 55.0 40.2 80.2



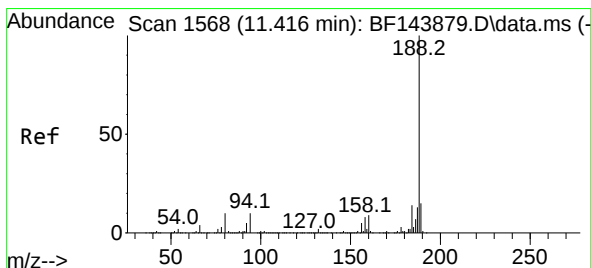
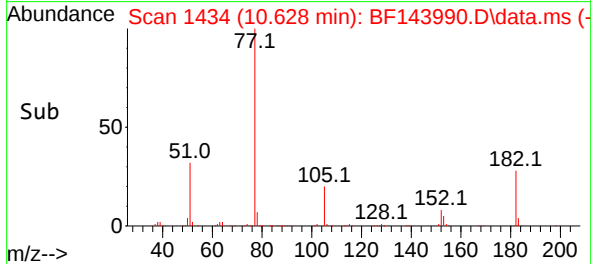
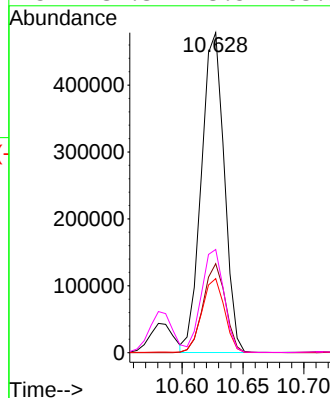
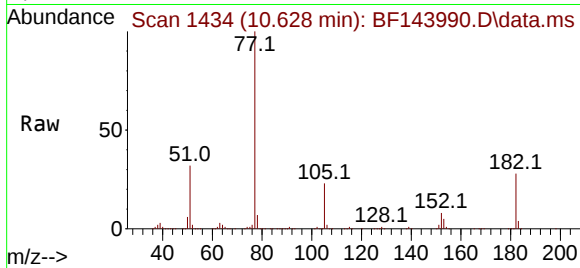


#63
Azobenzene
Concen: 58.147 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 77 Resp: 623467

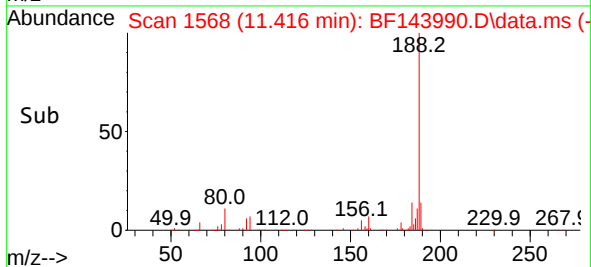
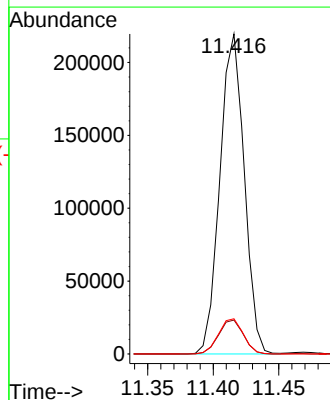
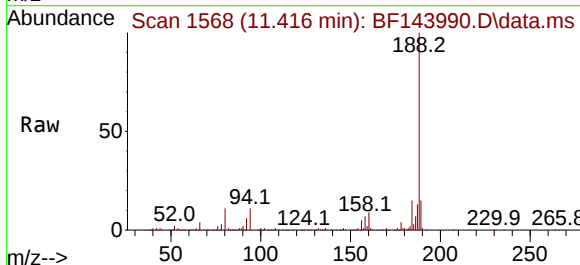
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.3	47.3
105	23.1	3.0	43.0
51	32.3	13.5	53.5

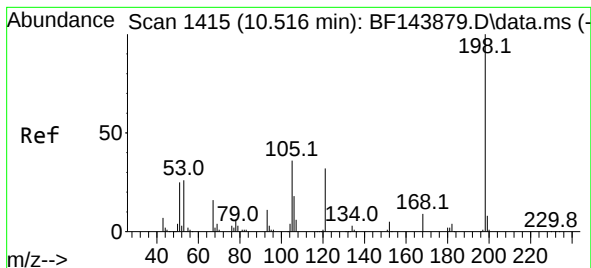


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion: 188 Resp: 283241

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.0	7.9	11.9

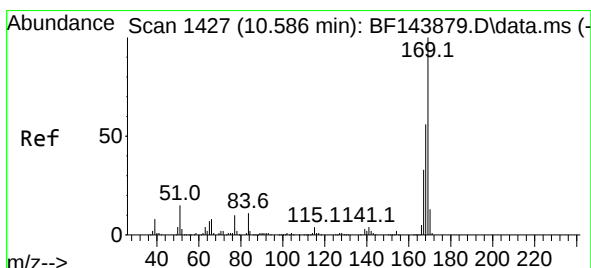
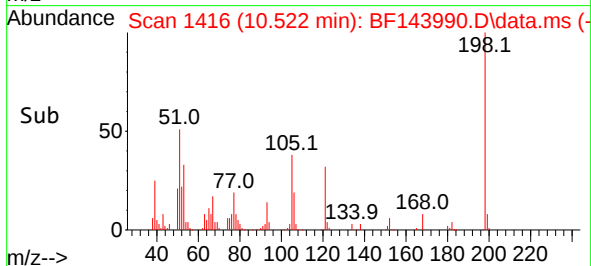
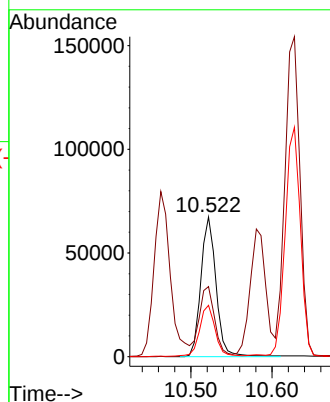
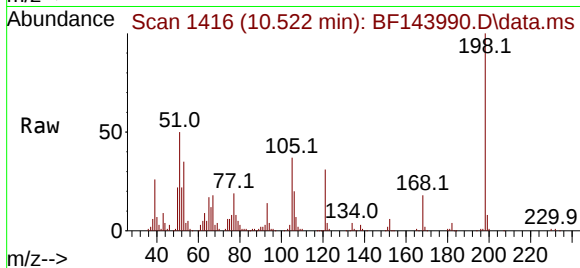




#65
4,6-Dinitro-2-methylphenol
Concen: 61.604 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

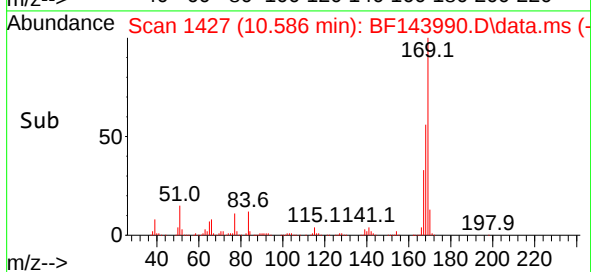
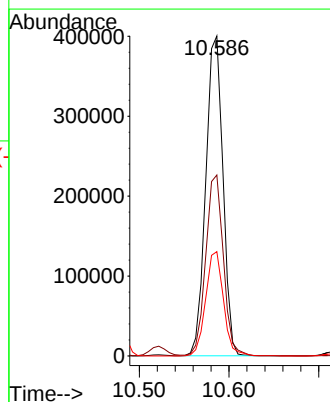
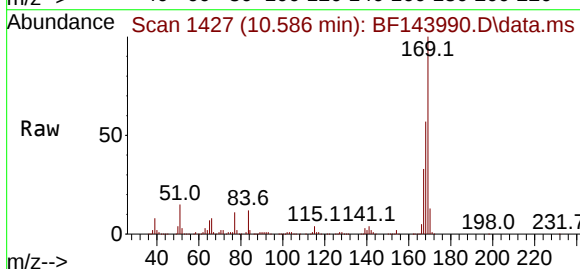
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

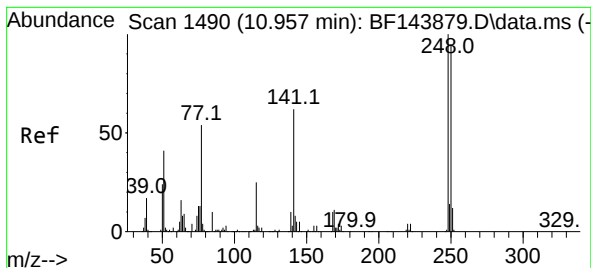
Tgt Ion:198 Resp: 87685
Ion Ratio Lower Upper
198 100
51 50.1 33.8 73.8
105 36.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 59.814 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:169 Resp: 531954
Ion Ratio Lower Upper
169 100
168 56.6 44.9 67.3
167 32.6 26.3 39.5

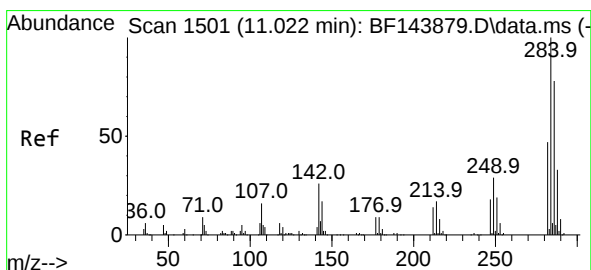
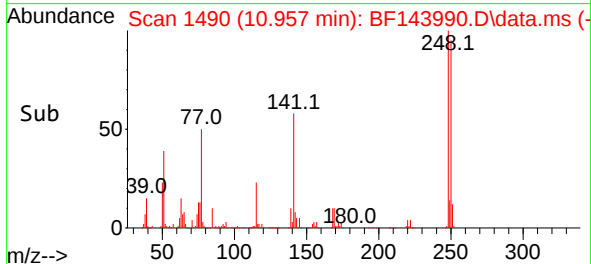
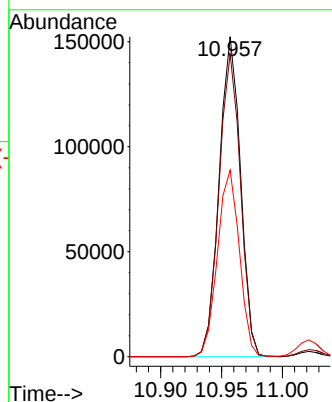
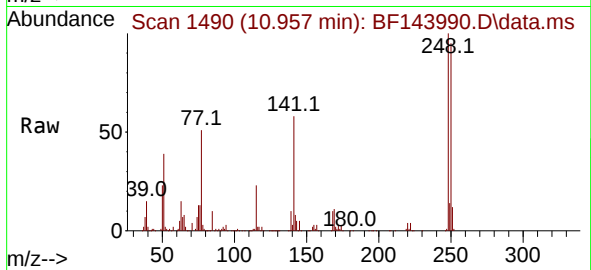




#67
4-Bromophenyl-phenylether
Concen: 59.520 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

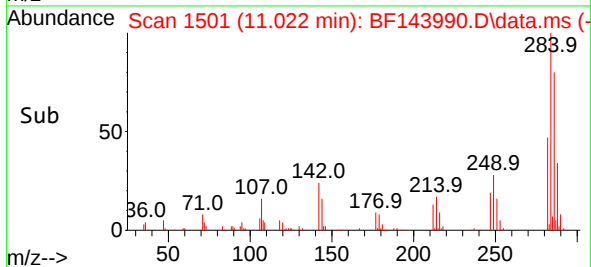
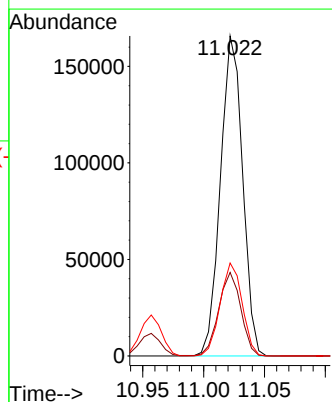
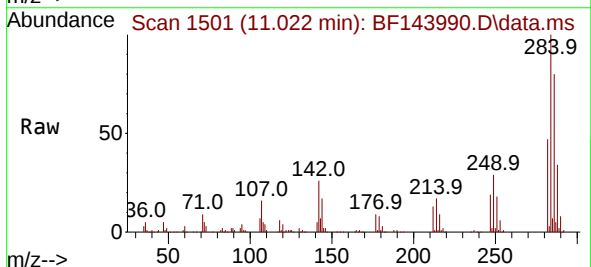
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

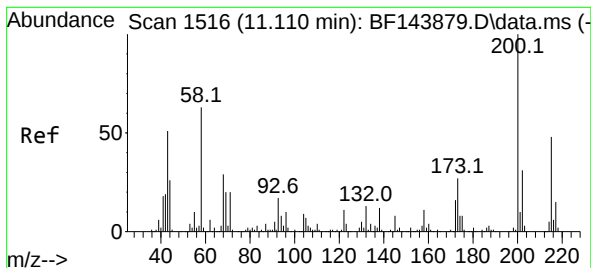
Tgt Ion:248 Resp: 186312
Ion Ratio Lower Upper
248 100
250 94.7 76.3 114.5
141 58.3 49.7 74.5



#68
Hexachlorobenzene
Concen: 57.987 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:284 Resp: 210140
Ion Ratio Lower Upper
284 100
142 26.1 20.6 30.8
249 29.1 23.2 34.8





#69

Atrazine

Concen: 60.946 ng

RT: 11.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

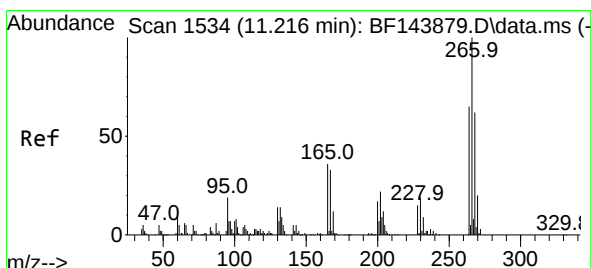
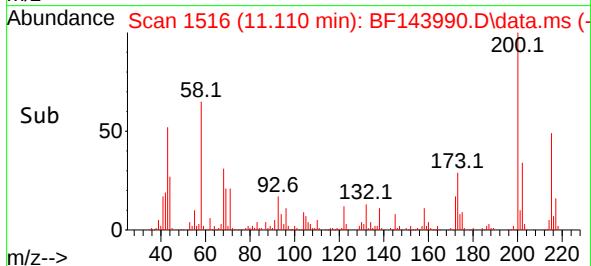
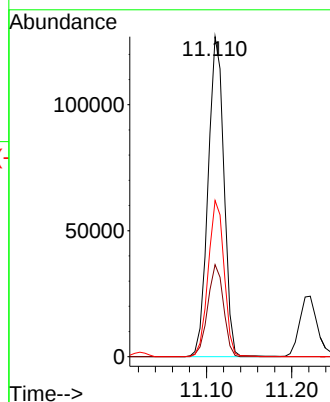
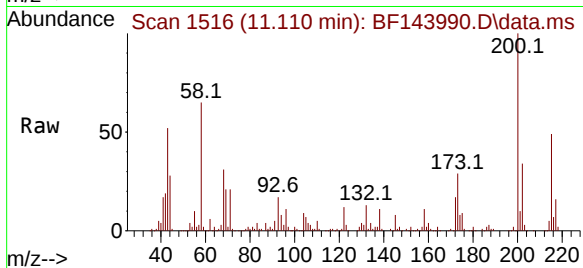
Tgt Ion:200 Resp: 164283

Ion Ratio Lower Upper

200 100

173 28.8 7.0 47.0

215 48.8 27.8 67.8



#70

Pentachlorophenol

Concen: 106.004 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

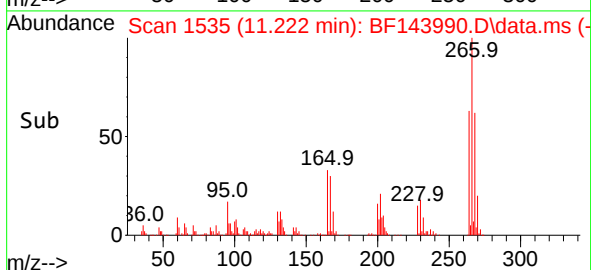
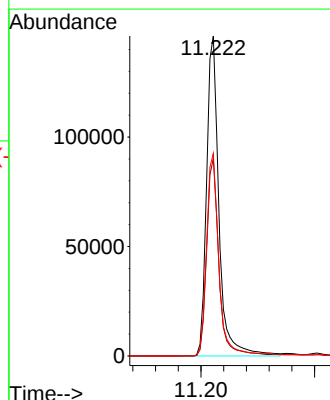
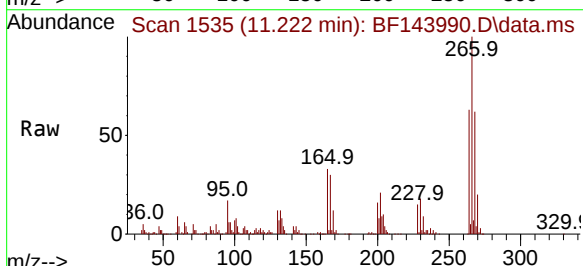
Tgt Ion:266 Resp: 220629

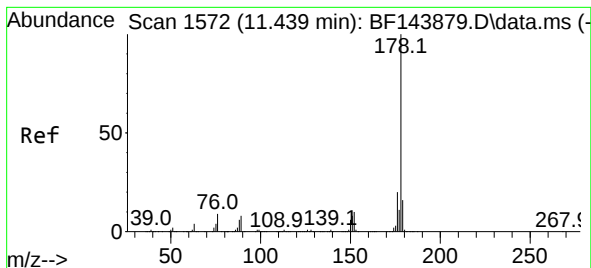
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 63.3 51.8 77.6





#71

Phenanthrene

Concen: 57.222 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

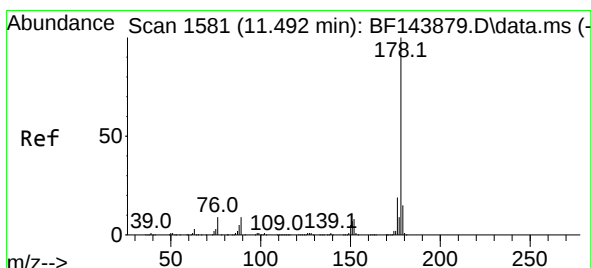
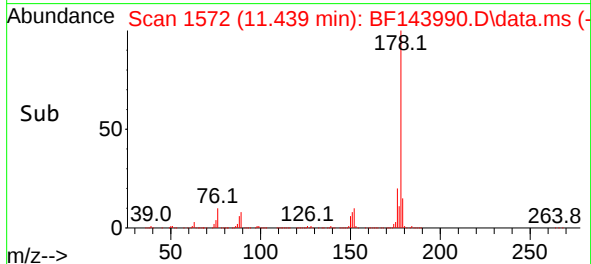
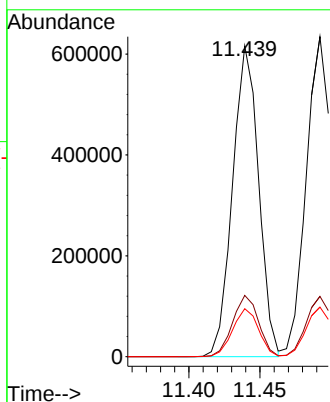
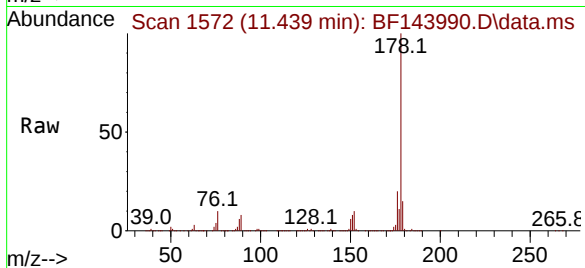
Tgt Ion:178 Resp: 785750

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 58.213 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

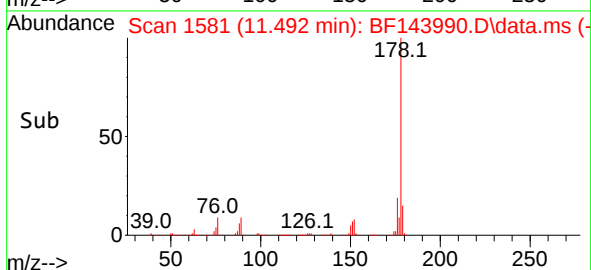
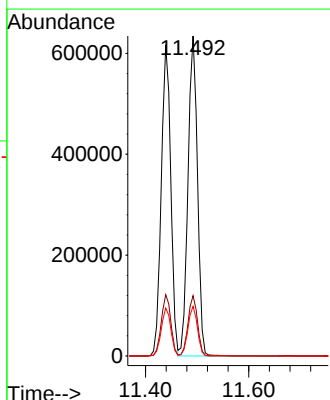
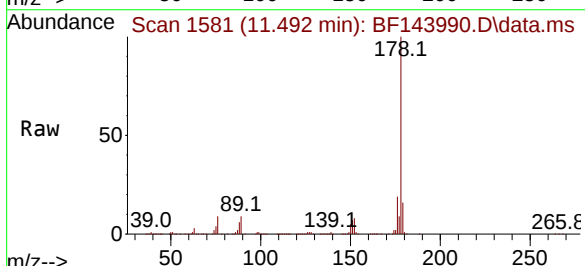
Tgt Ion:178 Resp: 807542

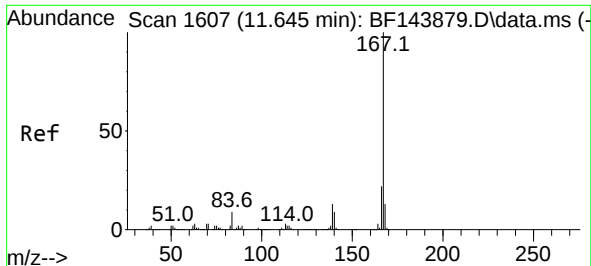
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.5 12.2 18.2

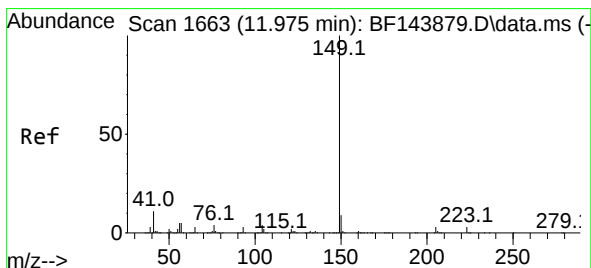
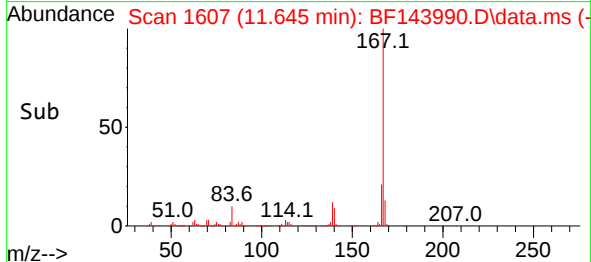
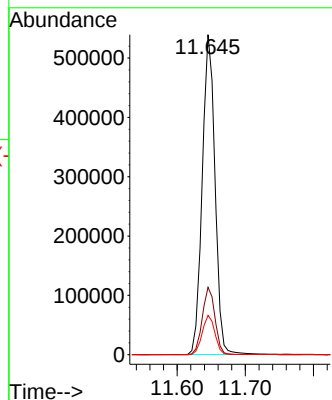
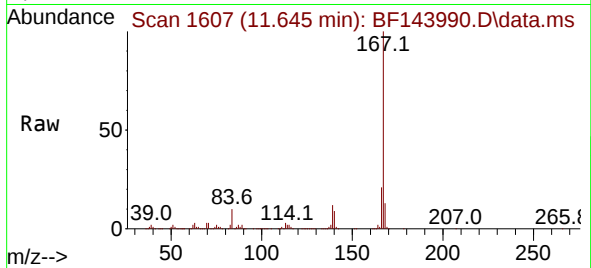




#73
 Carbazole
 Concen: 57.182 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

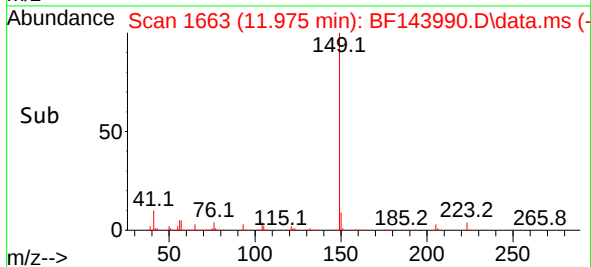
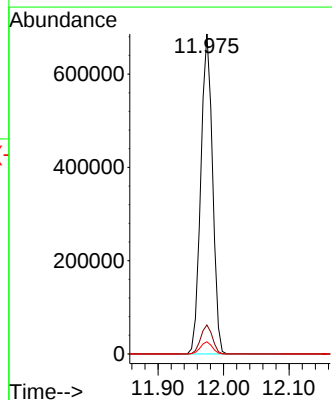
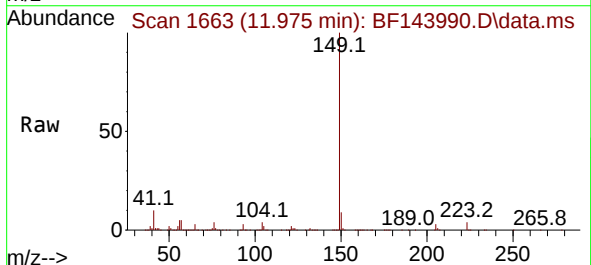
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

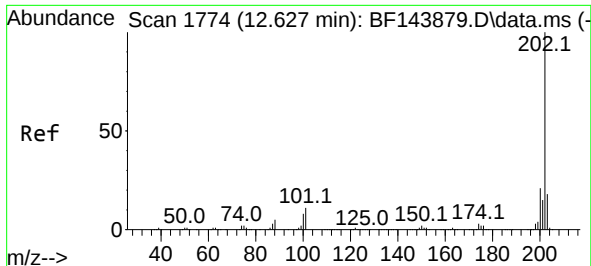
Tgt Ion:167 Resp: 702537
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 60.223 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

Tgt Ion:149 Resp: 857538
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 3.8 3.4 5.2

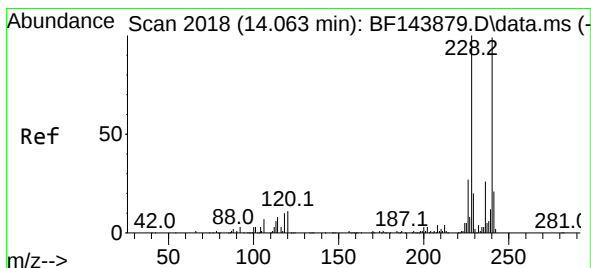
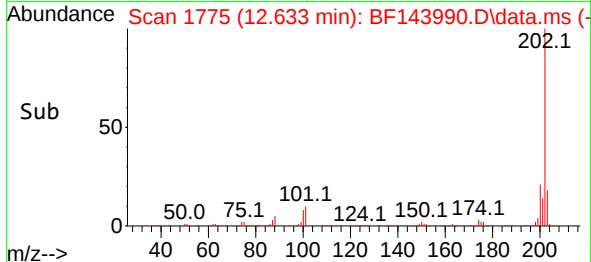
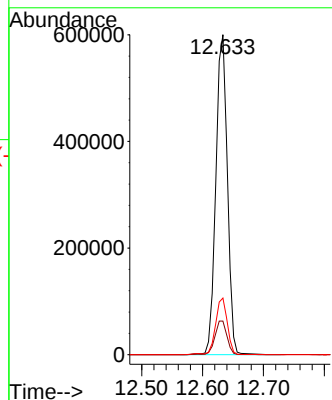
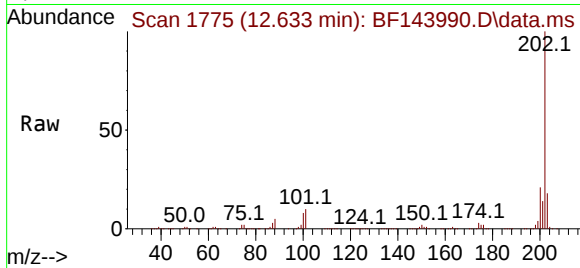




#75
Fluoranthene
Concen: 55.629 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

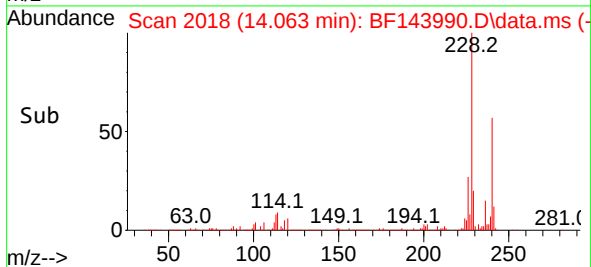
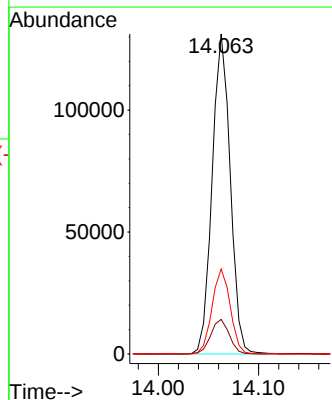
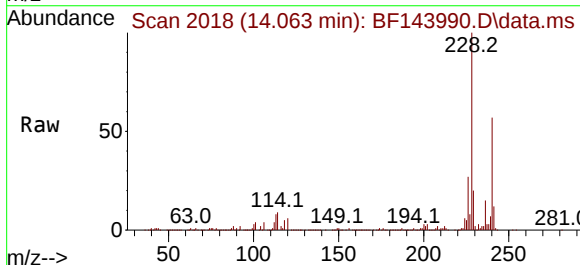
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

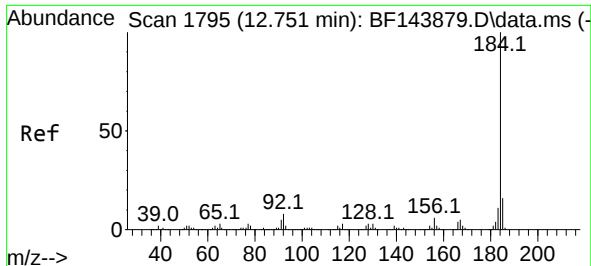
Tgt Ion:202 Resp: 789024
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:240 Resp: 164621
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.6 21.1 31.7

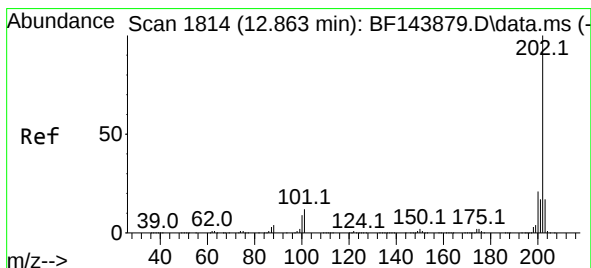
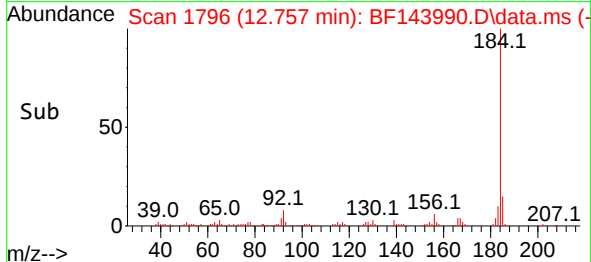
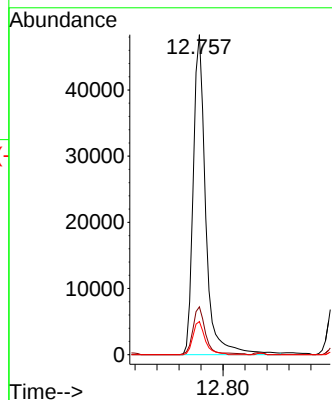
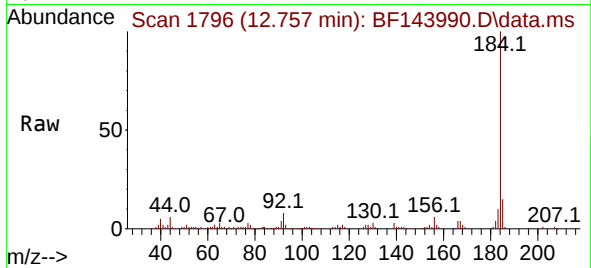




#77
Benzidine
Concen: 13.314 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

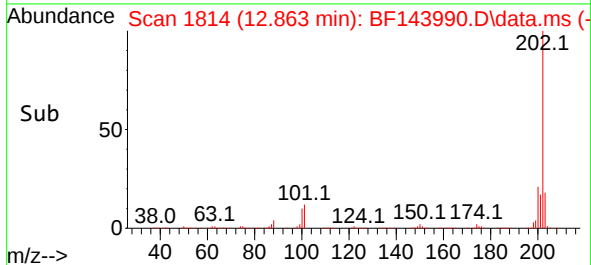
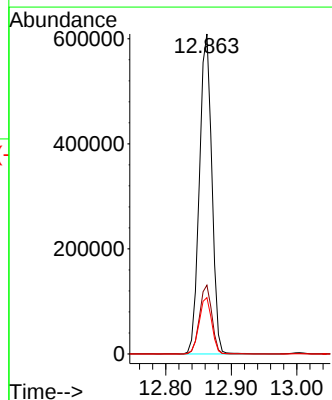
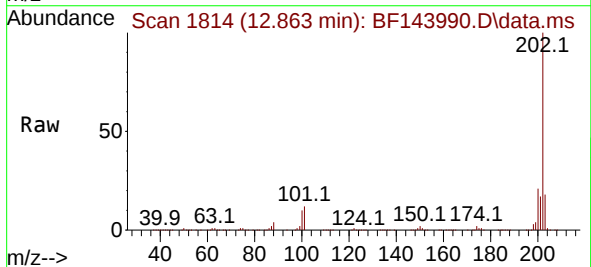
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

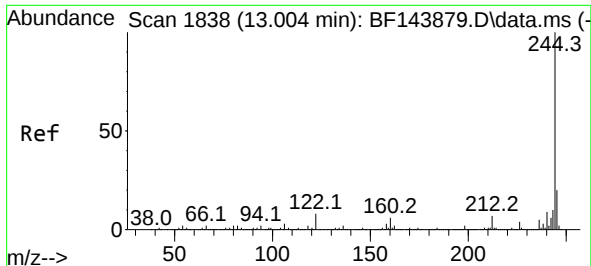
Tgt Ion:184 Resp: 76105
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 10.3 8.8 13.2



#78
Pyrene
Concen: 58.643 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:202 Resp: 804832
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.6 13.8 20.6

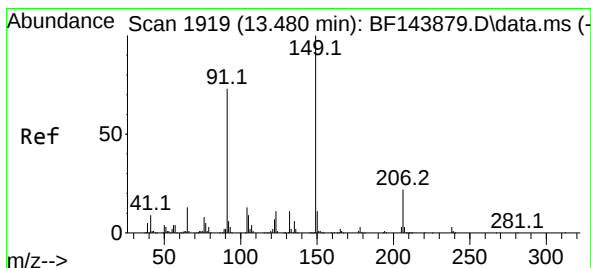
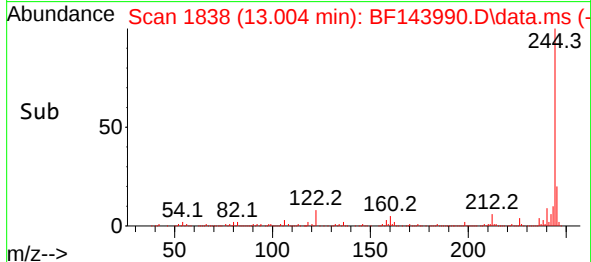
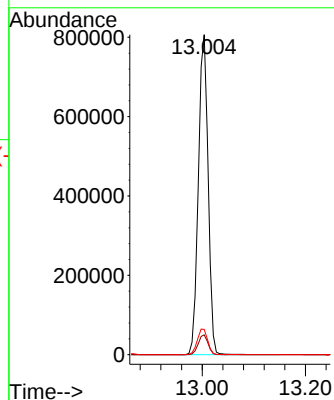
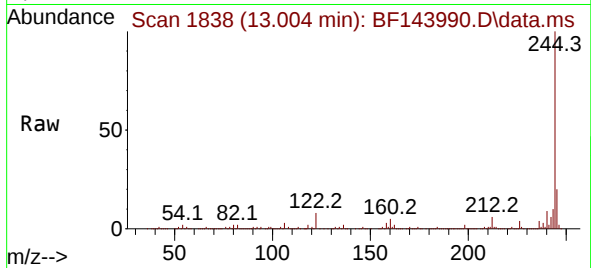




#79
 Terphenyl-d14
 Concen: 109.490 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

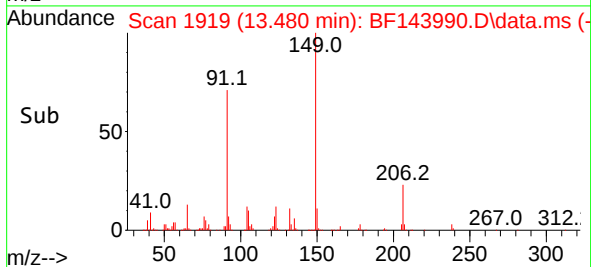
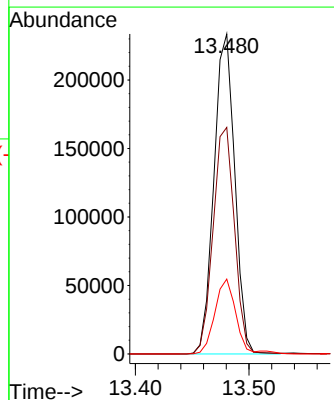
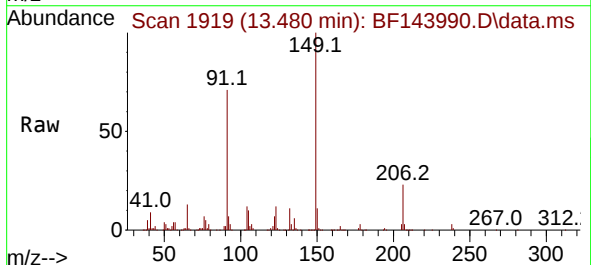
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

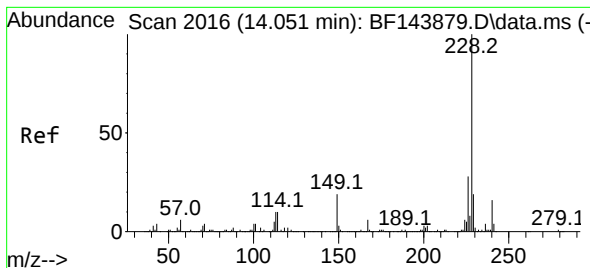
Tgt Ion:244 Resp: 1054626
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.9 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 66.856 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

Tgt Ion:149 Resp: 297992
 Ion Ratio Lower Upper
 149 100
 91 70.8 58.2 87.2
 206 23.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 61.325 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

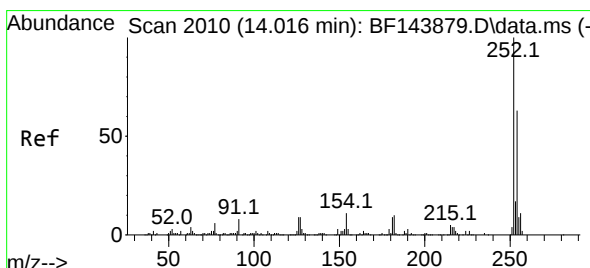
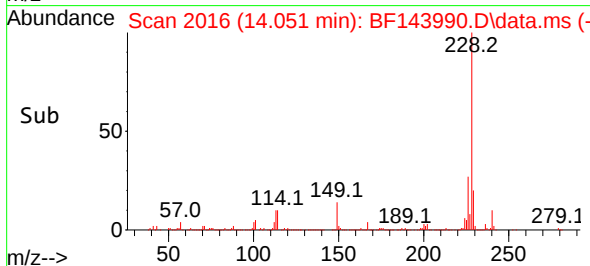
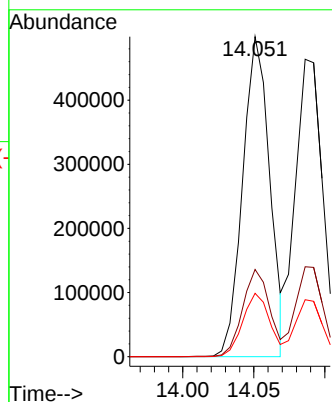
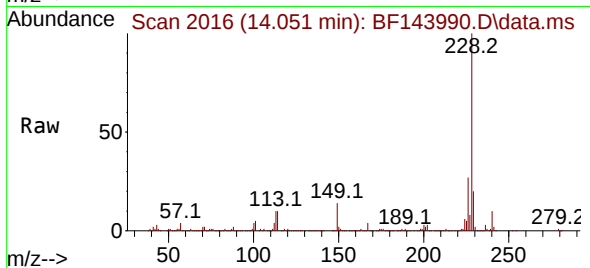
Tgt Ion:228 Resp: 660652

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 19.598 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

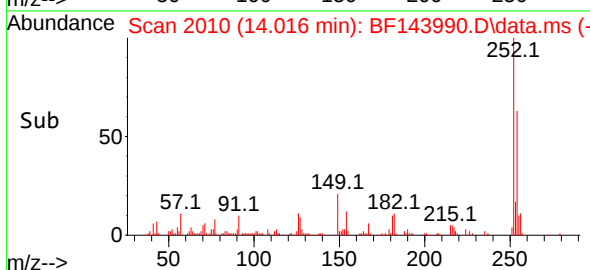
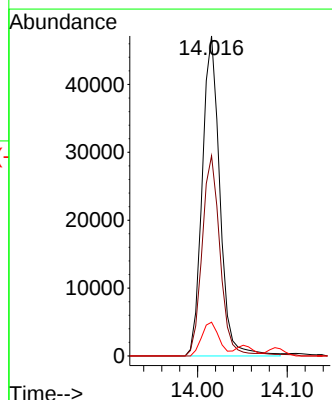
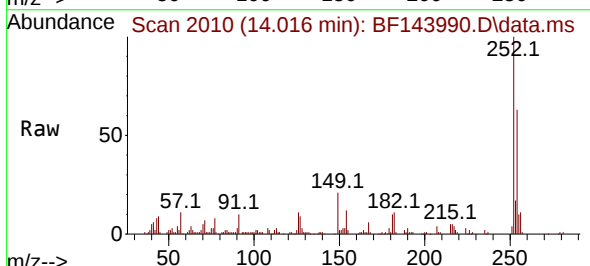
Tgt Ion:252 Resp: 64340

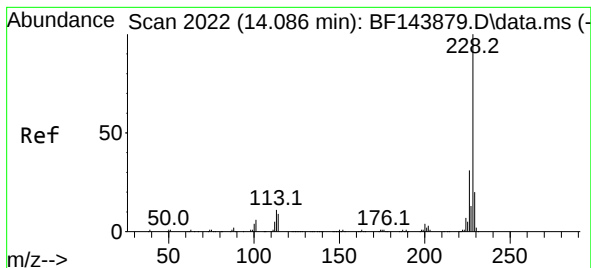
Ion Ratio Lower Upper

252 100

254 62.5 50.6 76.0

126 10.6 7.0 10.6





#83

Chrysene

Concen: 62.266 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

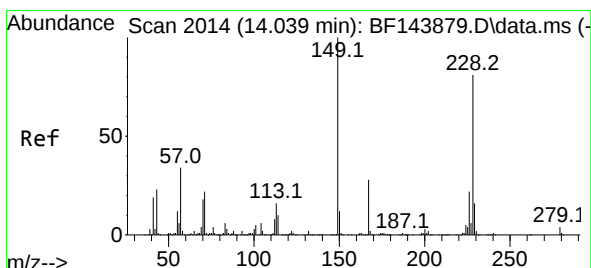
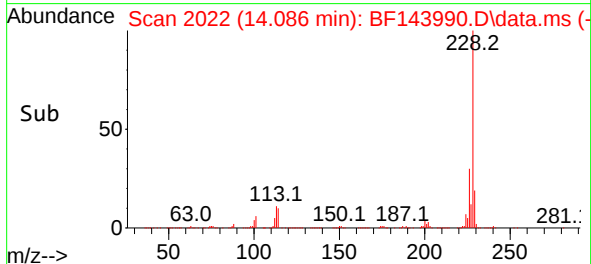
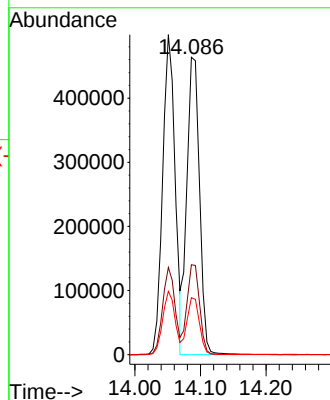
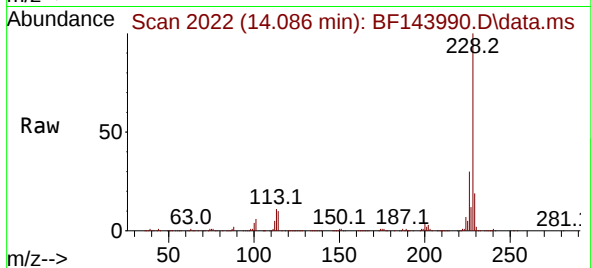
Tgt Ion:228 Resp: 620828

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.654 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

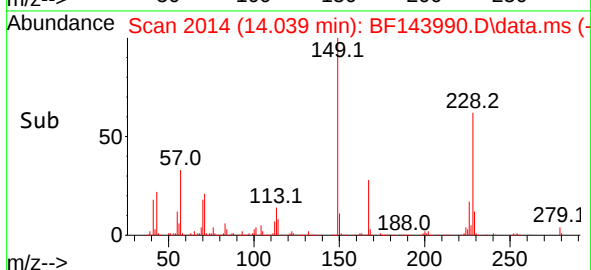
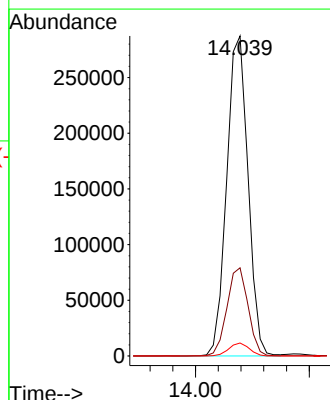
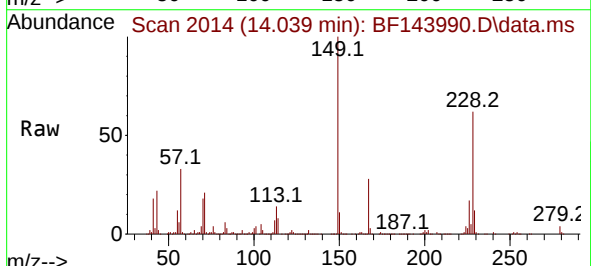
Tgt Ion:149 Resp: 374246

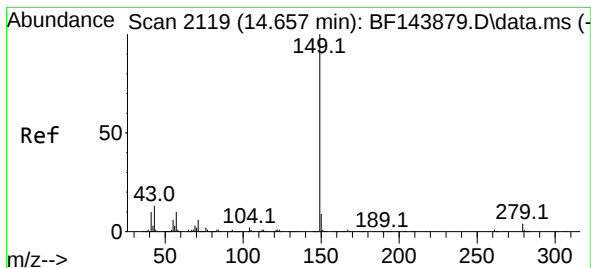
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 72.522 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

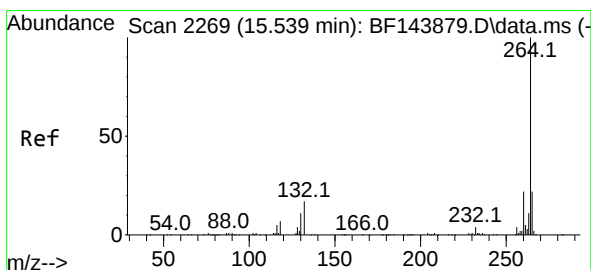
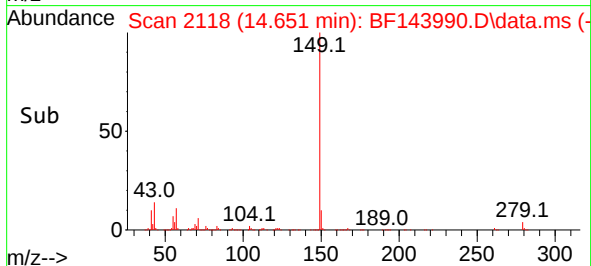
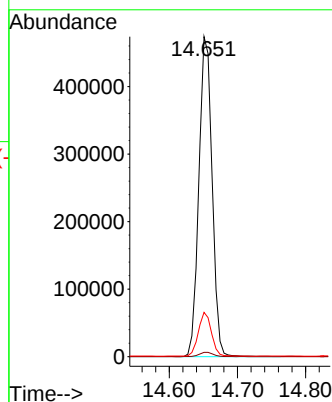
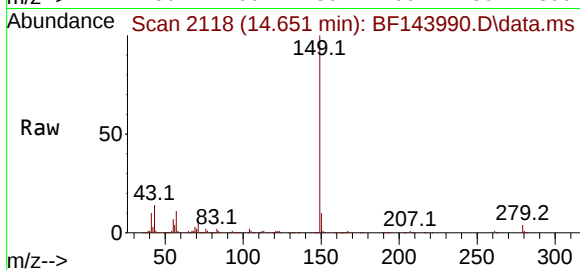
Tgt Ion:149 Resp: 639987

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 13.4 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: BF143990.D

Acq: 17 Oct 2025 17:45

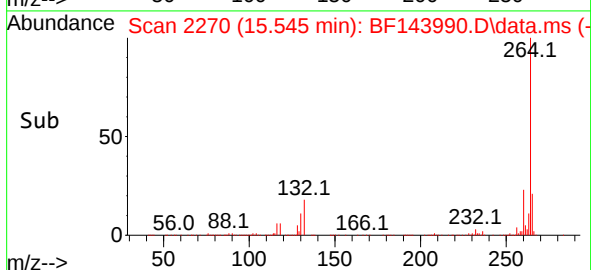
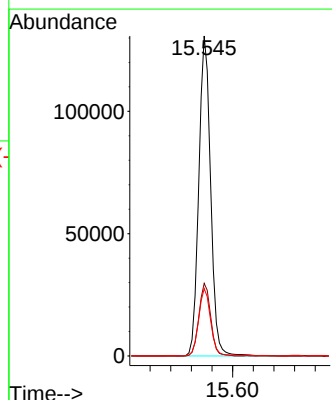
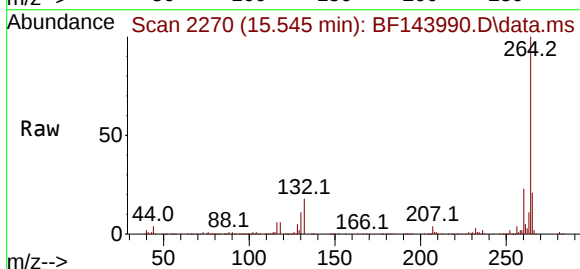
Tgt Ion:264 Resp: 207601

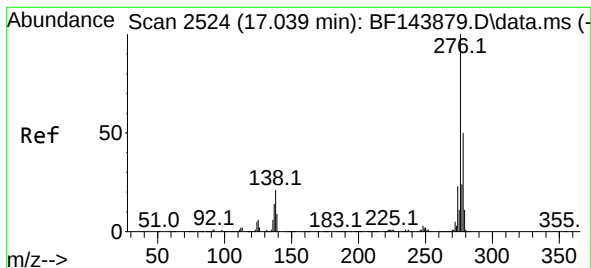
Ion Ratio Lower Upper

264 100

260 22.7 17.8 26.8

265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.879 ng

RT: 17.057 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

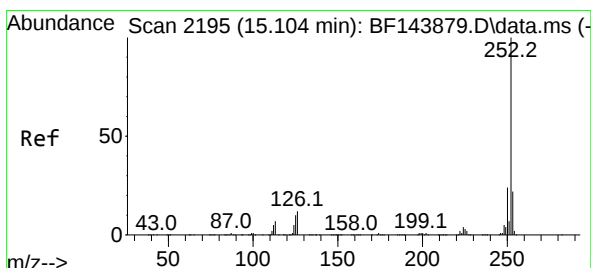
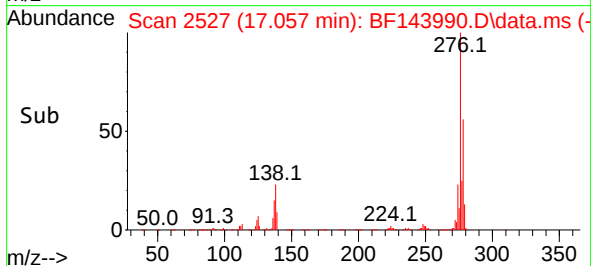
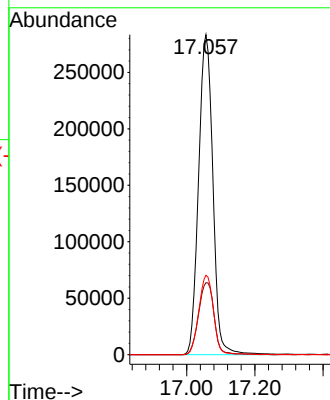
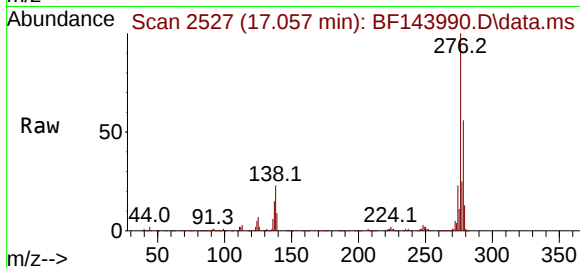
Tgt Ion:276 Resp: 825305

Ion Ratio Lower Upper

276 100

138 24.5 18.2 27.2

277 25.2 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 59.238 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143990.D

Acq: 17 Oct 2025 17:45

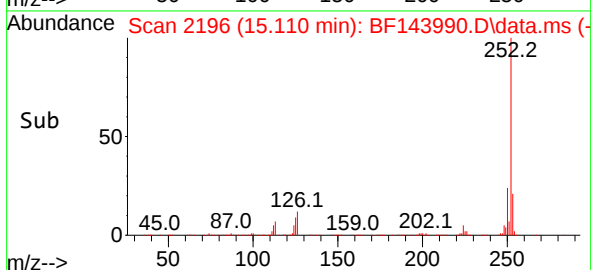
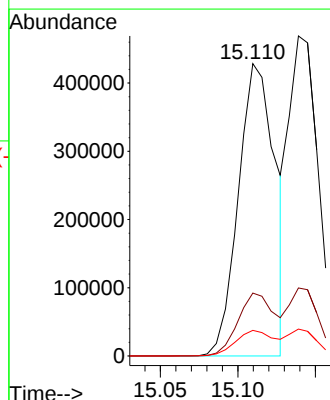
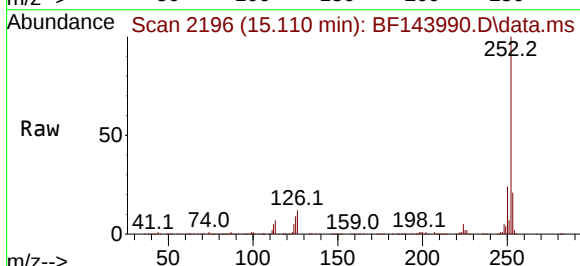
Tgt Ion:252 Resp: 706423

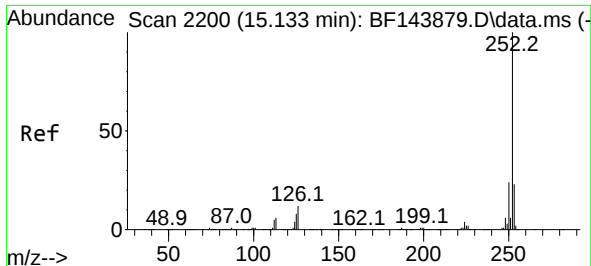
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.7 7.8 11.6

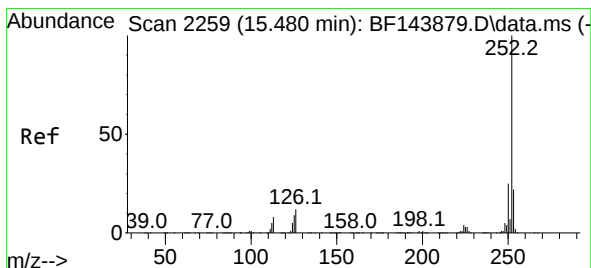
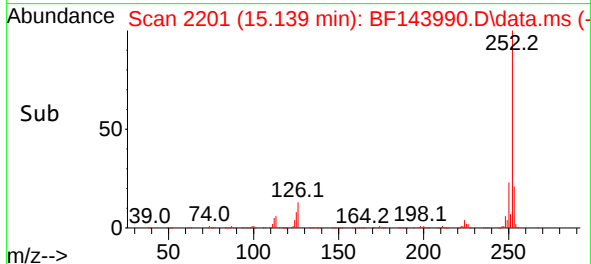
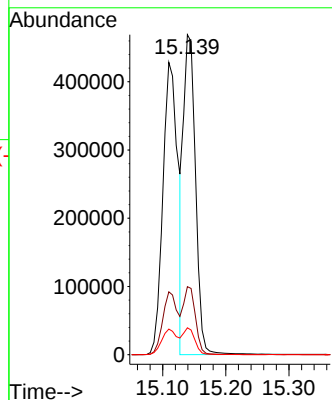
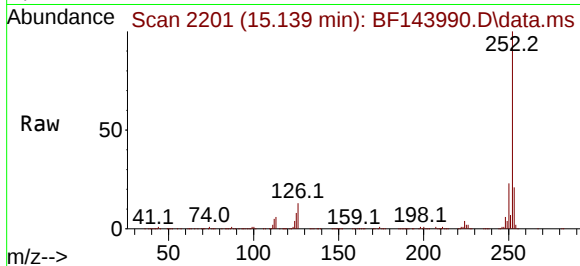




#89
Benzo(k)fluoranthene
Concen: 56.994 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

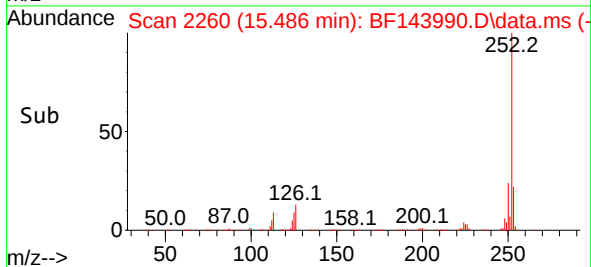
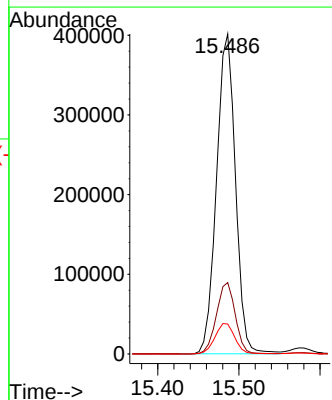
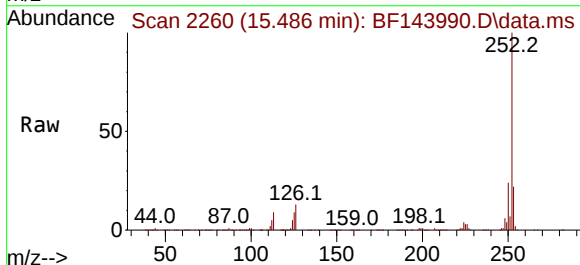
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

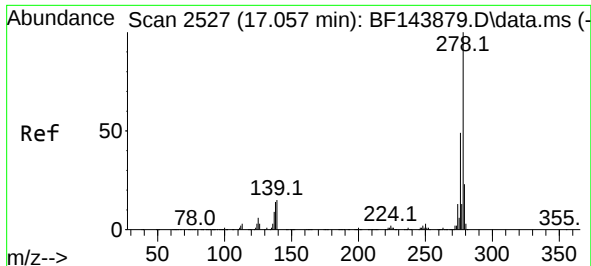
Tgt Ion:252 Resp: 628907
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 8.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 62.951 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143990.D
Acq: 17 Oct 2025 17:45

Tgt Ion:252 Resp: 650939
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.4 7.0 10.4

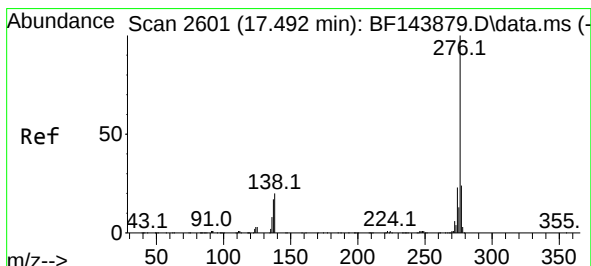
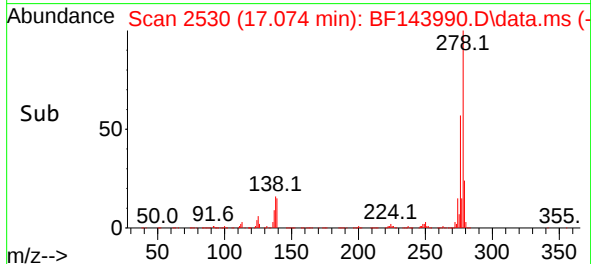
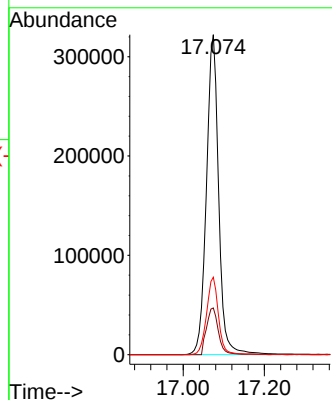
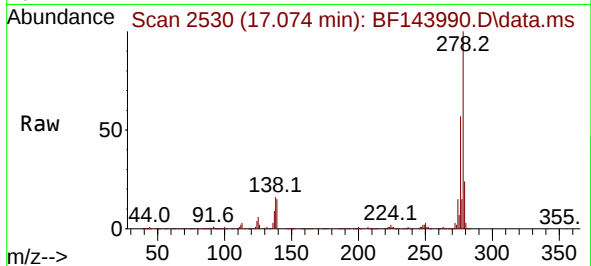




#91
 Dibenzo(a,h)anthracene
 Concen: 65.726 ng
 RT: 17.074 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tgt Ion:278 Resp: 672428
 Ion Ratio Lower Upper
 278 100
 139 14.6 11.7 17.5
 279 24.2 18.4 27.6



#92
 Benzo(g,h,i)perylene
 Concen: 64.883 ng
 RT: 17.509 min Scan# 2604
 Delta R.T. -0.006 min
 Lab File: BF143990.D
 Acq: 17 Oct 2025 17:45

Tgt Ion:276 Resp: 663809
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 21.7 16.1 24.1

