

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072925\
 Data File : BF143259.D
 Acq On : 29 Jul 2025 16:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 29 17:14:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	118133	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	451409	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	225198	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	363862	20.000	ng	0.00
76) Chrysene-d12	14.127	240	218191	20.000	ng	0.00
86) Perylene-d12	15.633	264	250067	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	516245	69.154	ng	0.00
7) Phenol-d6	6.587	99	652113	69.401	ng	0.00
23) Nitrobenzene-d5	7.522	82	667829	73.745	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	172057	73.958	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1197844	72.745	ng	0.00
79) Terphenyl-d14	13.068	244	1003746	68.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	118426	33.526	ng	99
3) Pyridine	3.575	79	307484	33.538	ng	98
4) n-Nitrosodimethylamine	3.516	42	164524	34.757	ng	98
6) Aniline	6.622	93	443657	33.879	ng	98
8) 2-Chlorophenol	6.751	128	280224	35.811	ng	96
9) Benzaldehyde	6.510	77	249229	35.373	ng	98
10) Phenol	6.604	94	370216	36.167	ng	94
11) bis(2-Chloroethyl)ether	6.692	93	269467	34.381	ng	99
12) 1,3-Dichlorobenzene	6.904	146	305630	35.955	ng	98
13) 1,4-Dichlorobenzene	6.981	146	309031	36.100	ng	100
14) 1,2-Dichlorobenzene	7.134	146	296778	36.450	ng	99
15) Benzyl Alcohol	7.098	79	259332	36.146	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	486048	33.431	ng	98
17) 2-Methylphenol	7.210	107	233145	35.436	ng	98
18) Hexachloroethane	7.481	117	107878	36.402	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	202068	33.520	ng	98
20) 3+4-Methylphenols	7.363	107	283110	35.466	ng	# 79
22) Acetophenone	7.369	105	372336	34.839	ng	# 98
24) Nitrobenzene	7.539	77	306161	36.263	ng	99
25) Isophorone	7.781	82	550953	34.463	ng	99
26) 2-Nitrophenol	7.857	139	148979	40.658	ng	99
27) 2,4-Dimethylphenol	7.892	122	257407	34.463	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	329062	34.331	ng	99
29) 2,4-Dichlorophenol	8.098	162	228651	36.300	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	248621	36.535	ng	99
31) Naphthalene	8.269	128	788568	35.471	ng	99
32) Benzoic acid	7.992	122	100936	26.580	ng	98
33) 4-Chloroaniline	8.310	127	320373	35.293	ng	99
34) Hexachlorobutadiene	8.386	225	156384	37.619	ng	100
35) Caprolactam	8.675	113	69658	36.596	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	244614	35.729	ng	98
37) 2-Methylnaphthalene	8.957	142	481670	35.605	ng	99
38) 1-Methylnaphthalene	9.057	142	494687	35.511	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	240901	37.052	ng	100
41) Hexachlorocyclopentadiene	9.116	237	150229	35.511	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	159448	35.435	ng	99

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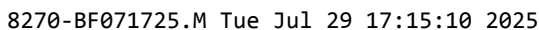
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	171042	38.000	ng	99
46) 1,1'-Biphenyl	9.422	154	641452	36.509	ng	100
47) 2-Chloronaphthalene	9.445	162	477103	36.699	ng	99
48) 2-Nitroaniline	9.533	65	157646	38.668	ng	100
49) Acenaphthylene	9.863	152	789401	36.233	ng	100
50) Dimethylphthalate	9.716	163	528406	35.997	ng	100
51) 2,6-Dinitrotoluene	9.775	165	115320	38.618	ng	99
52) Acenaphthene	10.033	154	469614	36.469	ng	98
53) 3-Nitroaniline	9.945	138	129644	37.118	ng	99
54) 2,4-Dinitrophenol	10.051	184	48124	39.260	ng	# 1
55) Dibenzofuran	10.204	168	678122	35.470	ng	99
56) 4-Nitrophenol	10.098	139	87236	33.447	ng	99
57) 2,4-Dinitrotoluene	10.180	165	148905	39.746	ng	93
58) Fluorene	10.551	166	514218	35.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	137776	36.952	ng	100
60) Diethylphthalate	10.416	149	514852	35.485	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	259448	36.313	ng	100
62) 4-Nitroaniline	10.557	138	116033	38.762	ng	98
63) Azobenzene	10.698	77	515937	34.120	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	71610	38.721	ng	97
66) n-Nitrosodiphenylamine	10.657	169	453319	35.380	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	155079	35.763	ng	98
68) Hexachlorobenzene	11.104	284	160784	35.475	ng	97
69) Atrazine	11.180	200	131674	37.277	ng	100
70) Pentachlorophenol	11.292	266	136291	51.134	ng	100
71) Phenanthrene	11.510	178	685260	35.469	ng	100
72) Anthracene	11.563	178	695770	35.311	ng	100
73) Carbazole	11.710	167	613241	35.642	ng	99
74) Di-n-butylphthalate	12.039	149	709016	36.419	ng	100
75) Fluoranthene	12.698	202	646052	36.432	ng	100
77) Benzidine	12.816	184	316659	37.669	ng	99
78) Pyrene	12.927	202	639944	34.366	ng	99
80) Butylbenzylphthalate	13.539	149	237188	41.596	ng	98
81) Benzo(a)anthracene	14.115	228	512038	35.052	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	184346	37.864	ng	100
83) Chrysene	14.151	228	480079	36.553	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	322809	37.402	ng	99
85) Di-n-octyl phthalate	14.715	149	577711	36.928	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.180	276	637141	36.133	ng	97
88) Benzo(b)fluoranthene	15.186	252	552823	36.187	ng	100
89) Benzo(k)fluoranthene	15.215	252	472509	34.661	ng	99
90) Benzo(a)pyrene	15.568	252	510469	36.267	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	514607	35.856	ng	97
92) Benzo(g,h,i)perylene	17.645	276	508302	36.612	ng	98

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

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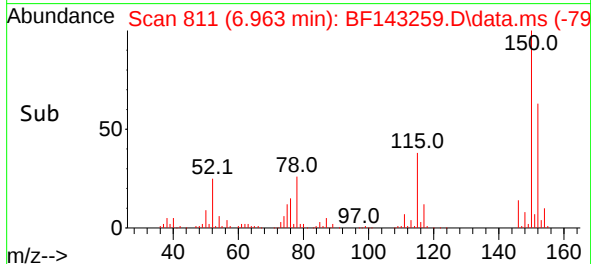
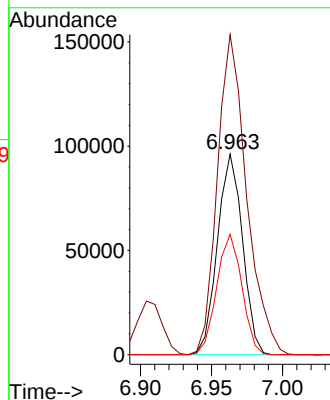
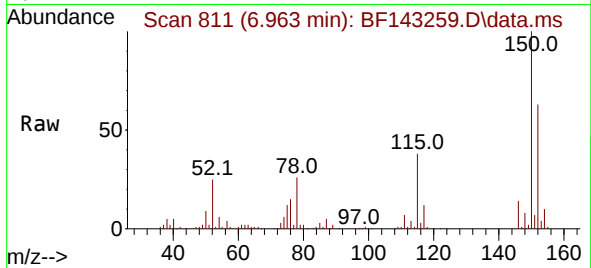




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143259.D
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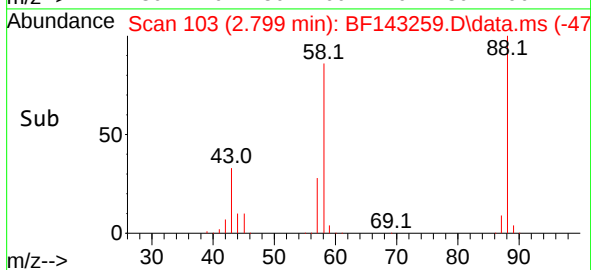
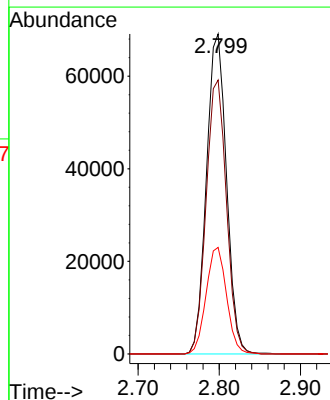
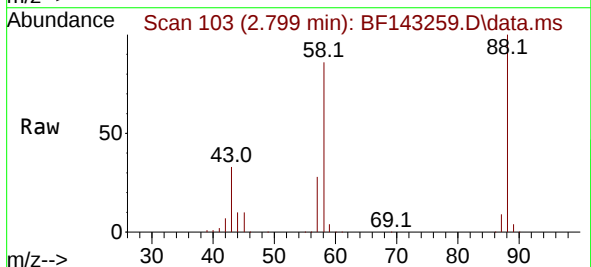
Instrument :
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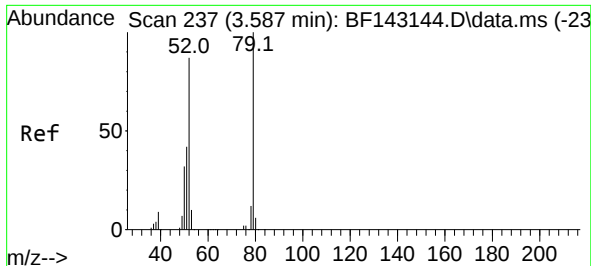
Tgt Ion:152 Resp: 118133
 Ion Ratio Lower Upper
 152 100
 150 159.6 128.2 192.4
 115 60.0 47.9 71.9



#2
 1,4-Dioxane
 Concen: 33.526 ng
 RT: 2.799 min Scan# 103
 Delta R.T. -0.024 min
 Lab File: BF143259.D
 Acq: 29 Jul 2025 16:34

Tgt Ion: 88 Resp: 118426
 Ion Ratio Lower Upper
 88 100
 58 86.8 70.2 105.2
 43 34.1 27.1 40.7

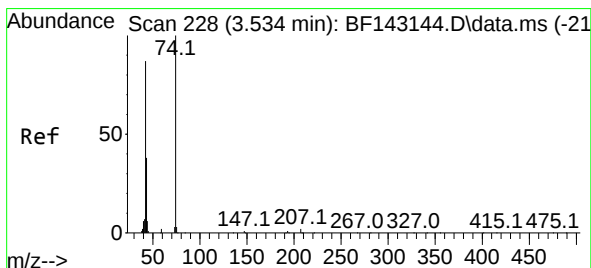
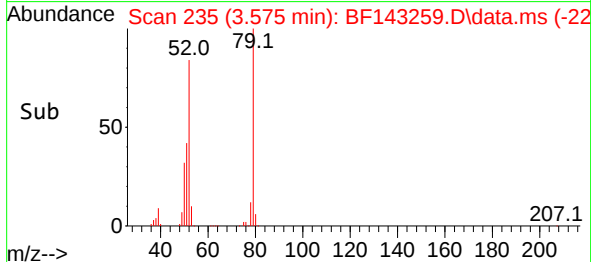
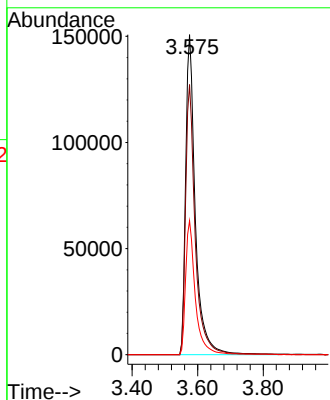
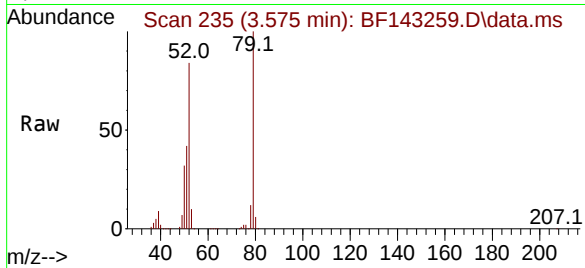




#3
Pyridine
Concen: 33.538 ng
RT: 3.575 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

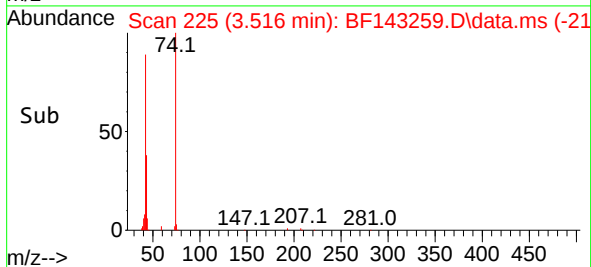
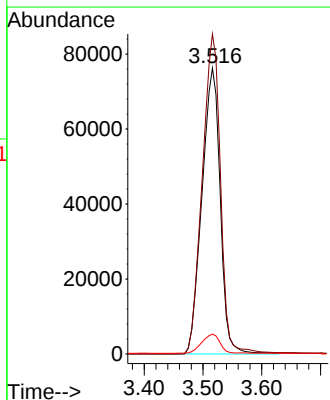
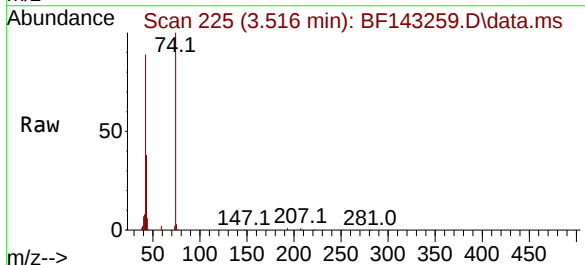
Instrument :
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ClientSampleId :
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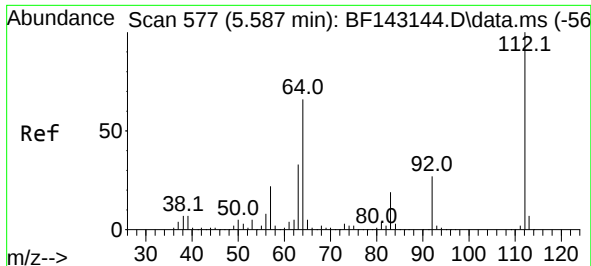
Tgt Ion: 79 Resp: 307484
Ion Ratio Lower Upper
79 100
52 84.4 69.4 104.2
51 41.8 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 34.757 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion: 42 Resp: 164524
Ion Ratio Lower Upper
42 100
74 111.9 91.7 137.5
44 6.9 5.6 8.4

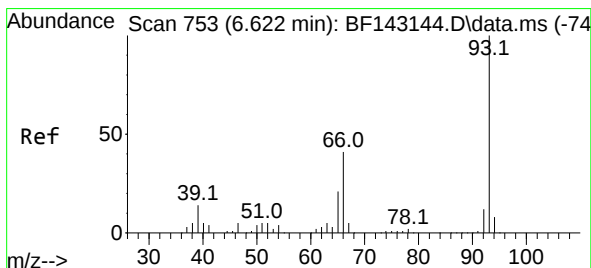
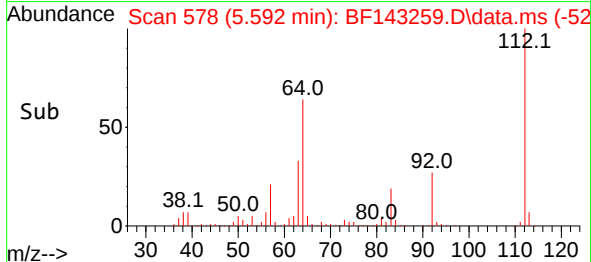
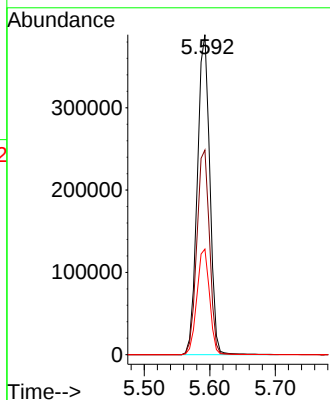
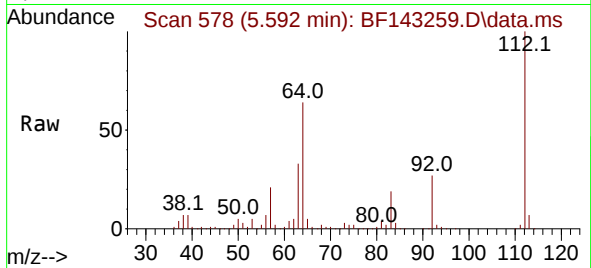




#5
2-Fluorophenol
Concen: 69.154 ng
RT: 5.592 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

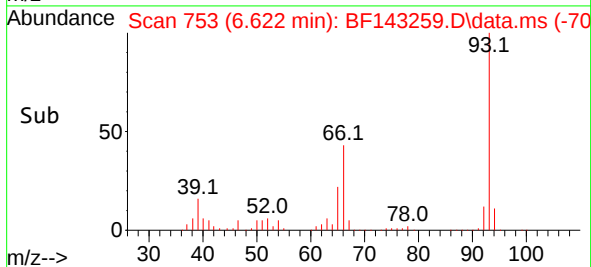
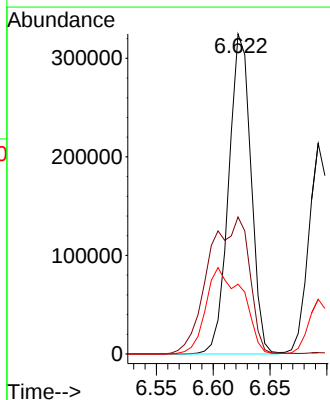
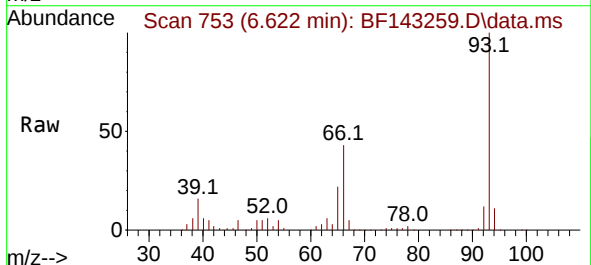
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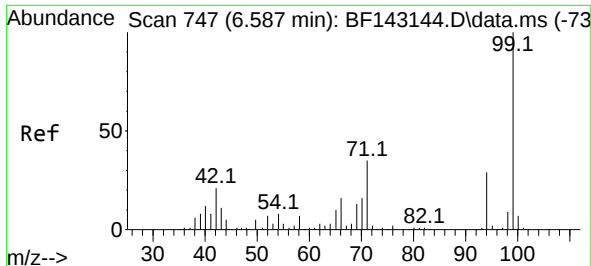
Tgt Ion:112 Resp: 516245
Ion Ratio Lower Upper
112 100
64 64.0 53.1 79.7
63 33.0 26.6 40.0



#6
Aniline
Concen: 33.879 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion: 93 Resp: 443657
Ion Ratio Lower Upper
93 100
66 42.8 33.2 49.8
65 21.8 16.9 25.3

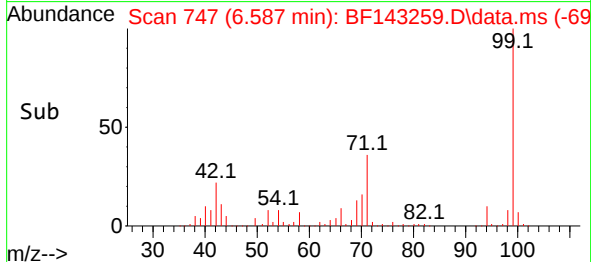
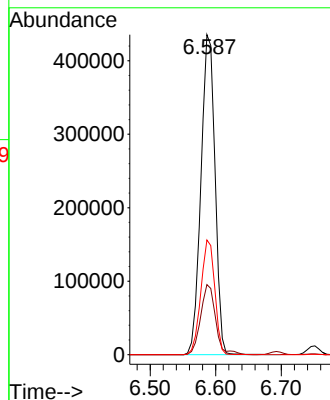
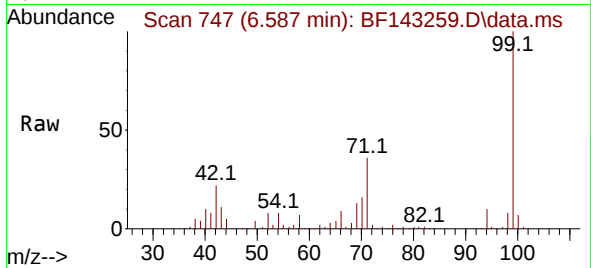




#7
Phenol-d6
Concen: 69.401 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

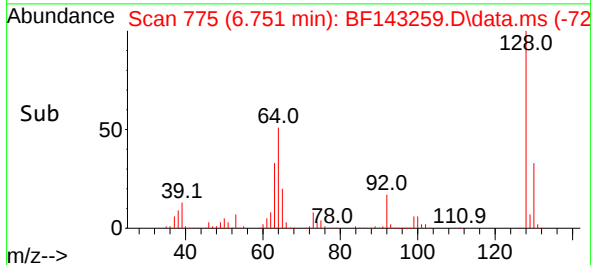
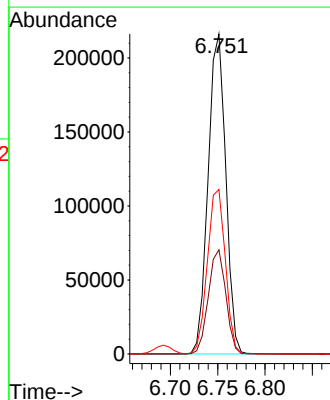
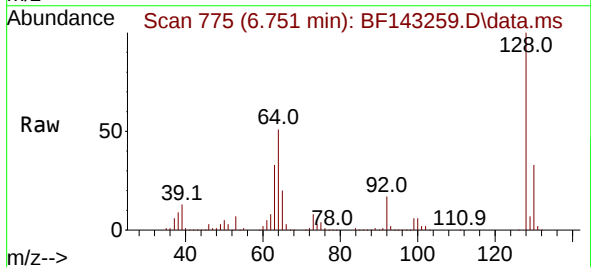
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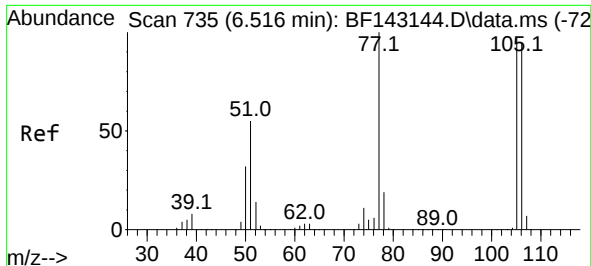
Tgt Ion: 99 Resp: 652113
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 35.8 27.7 41.5



#8
2-Chlorophenol
Concen: 35.811 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:128 Resp: 280224
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 51.4 35.9 75.9

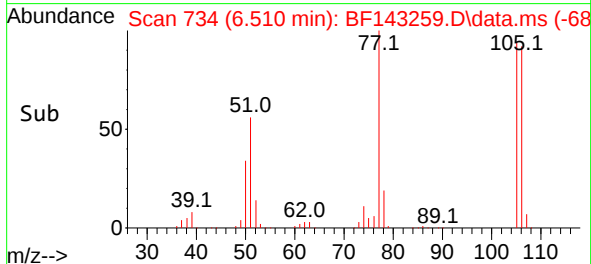
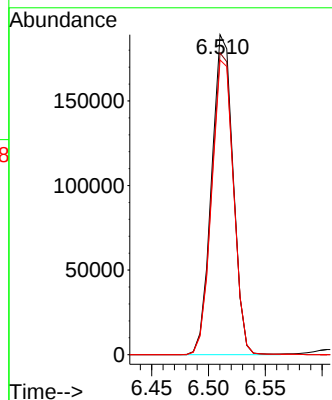
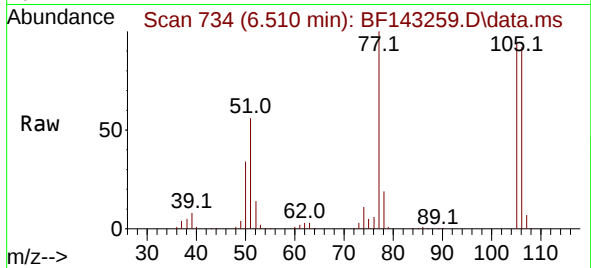




#9
Benzaldehyde
Concen: 35.373 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

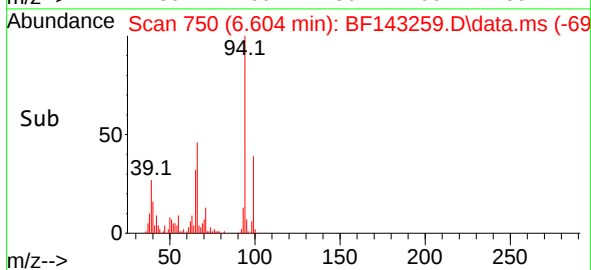
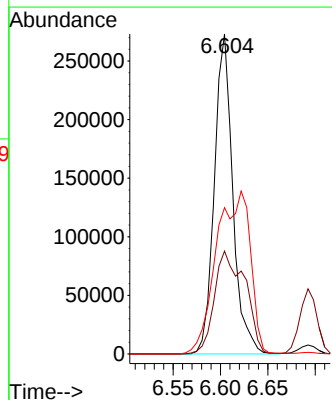
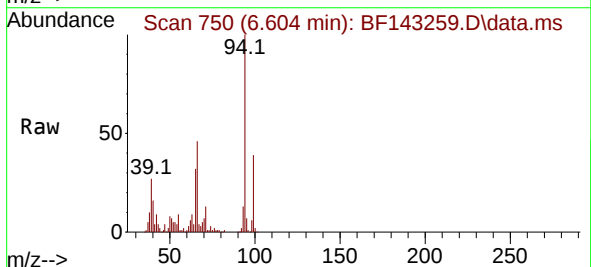
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 249229
Ion Ratio Lower Upper
77 100
105 94.3 76.8 116.8
106 92.1 74.4 114.4



#10
Phenol
Concen: 36.167 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion: 94 Resp: 370216
Ion Ratio Lower Upper
94 100
65 32.1 10.0 50.0
66 45.7 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 34.381 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

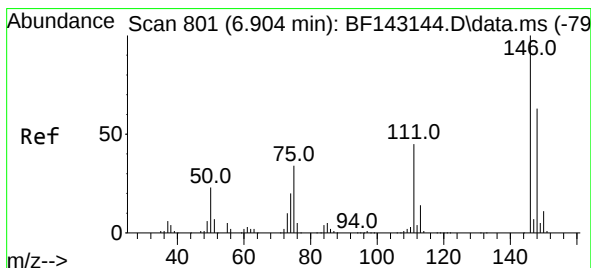
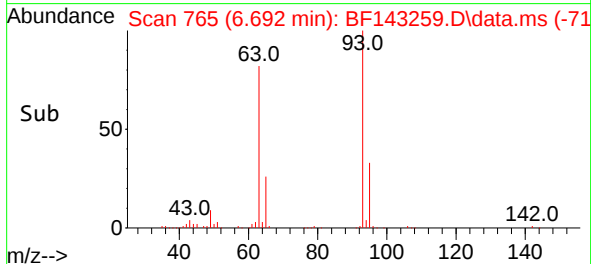
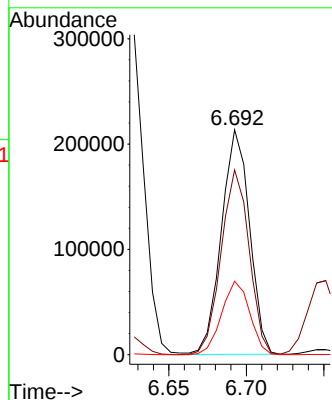
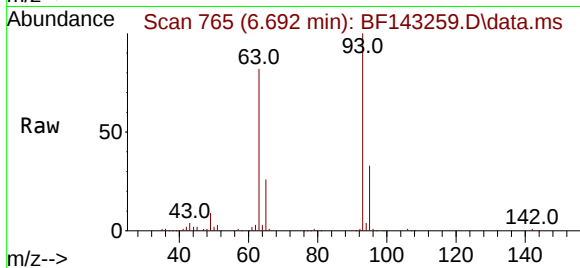
Tgt Ion: 93 Resp: 269467

Ion Ratio Lower Upper

93 100

63 82.1 63.4 103.4

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.955 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

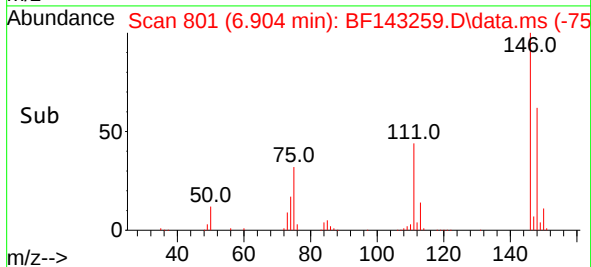
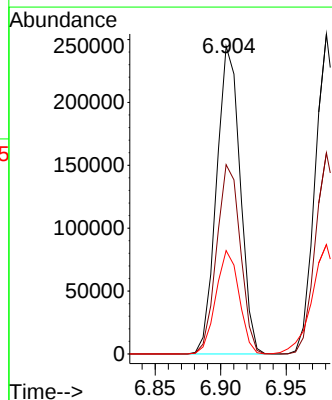
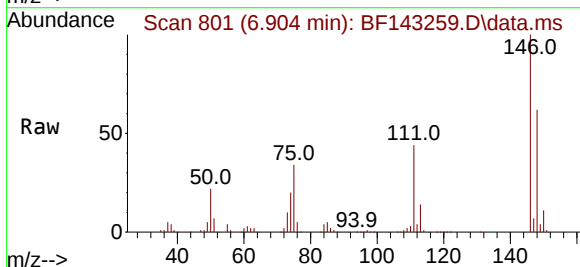
Tgt Ion: 146 Resp: 305630

Ion Ratio Lower Upper

146 100

148 61.5 50.6 76.0

75 33.6 27.4 41.2

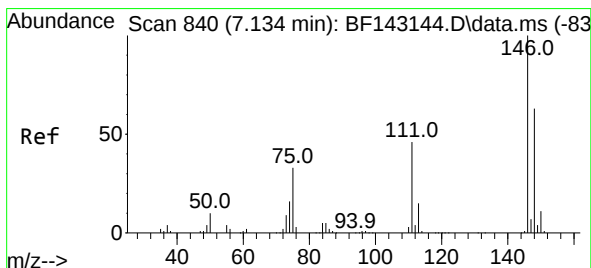
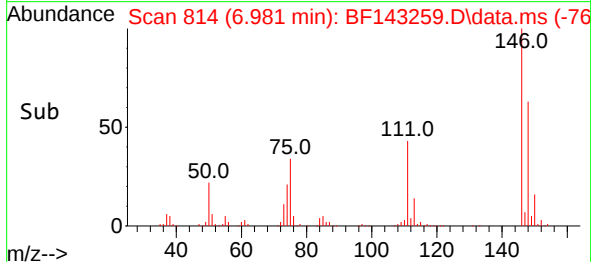
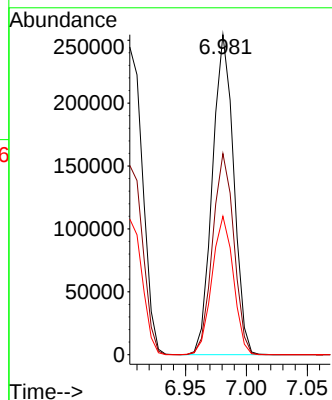
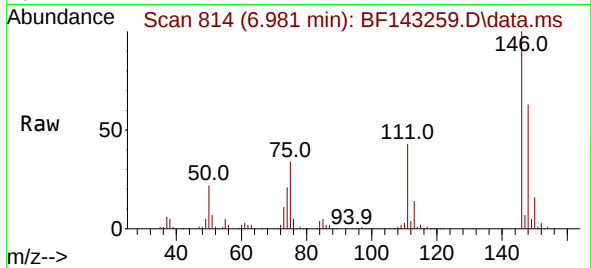




#13
1,4-Dichlorobenzene
Concen: 36.100 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

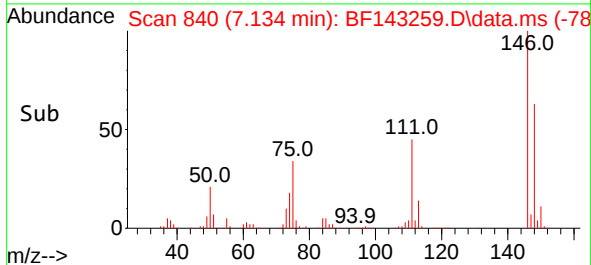
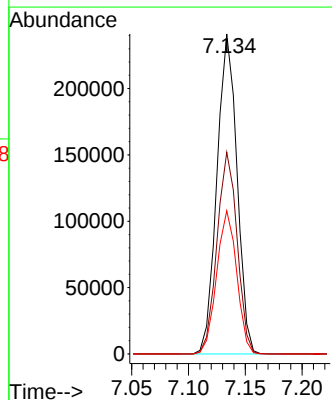
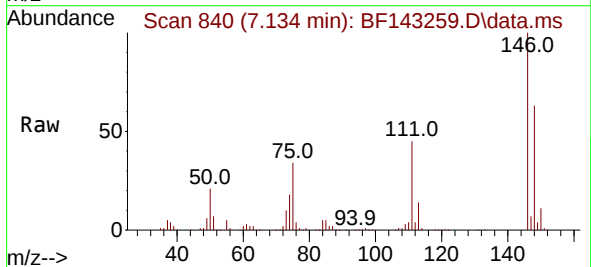
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 309031
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 43.2 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 36.450 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:146 Resp: 296778
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 44.7 36.6 54.8



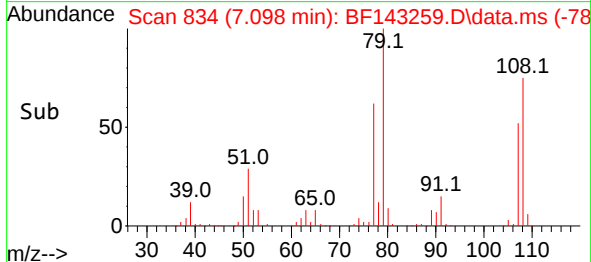
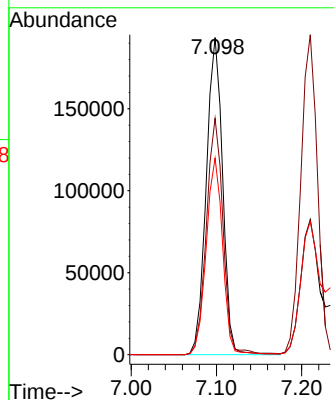
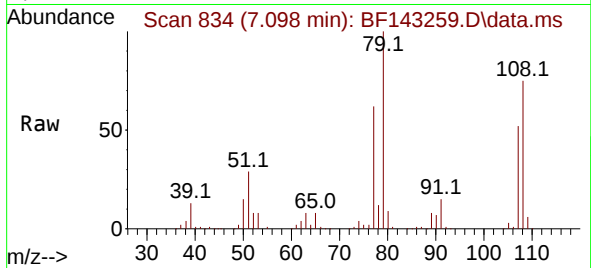


#15
Benzyl Alcohol
Concen: 36.146 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 259332

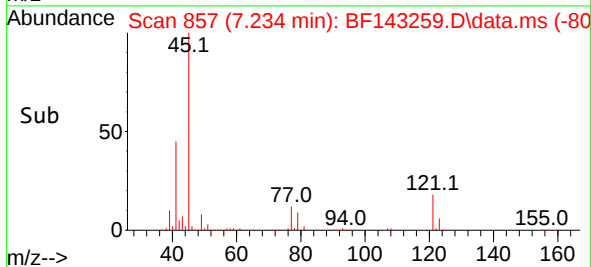
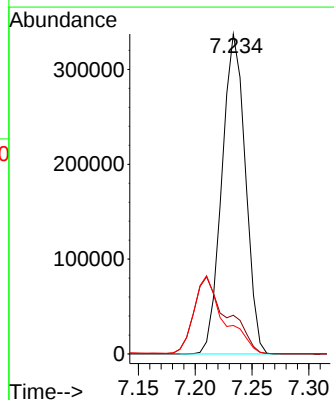
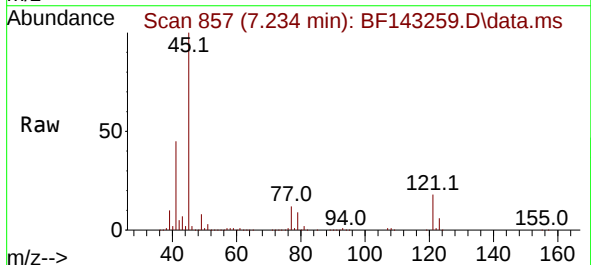
Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	62.0	48.9	73.3

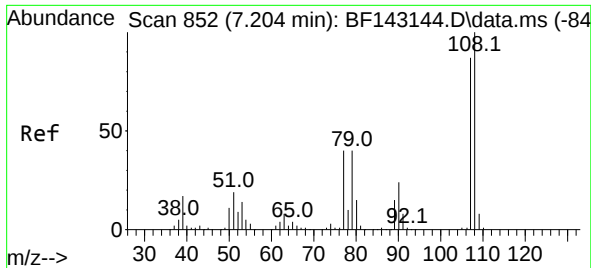


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.431 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion: 45 Resp: 486048

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	31.2
79	8.9	0.0	28.5

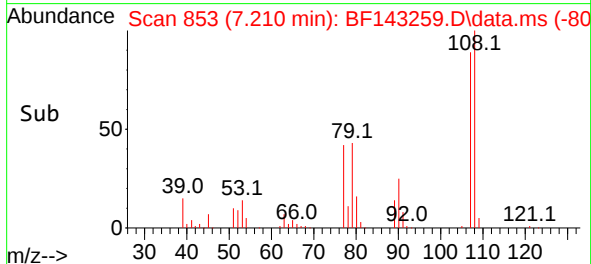
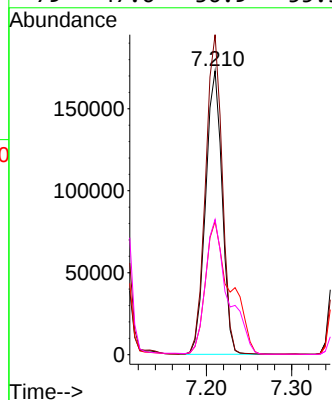
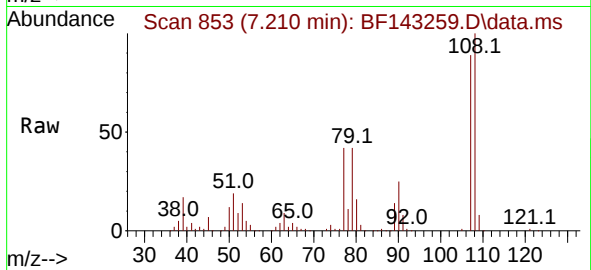




#17
2-Methylphenol
Concen: 35.436 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

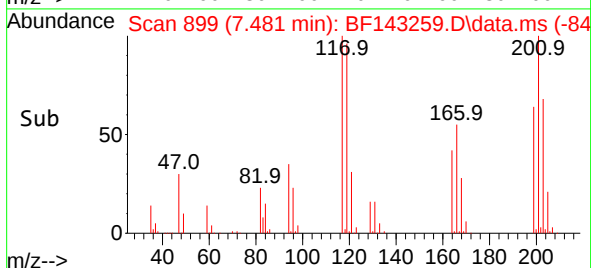
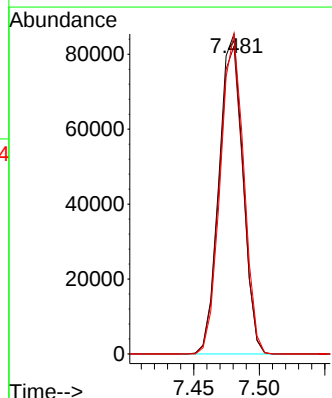
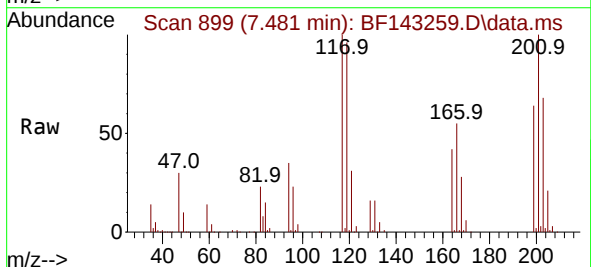
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	233145
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.8	137.6
77	47.0	37.0	55.6
79	47.6	36.9	55.3



#18
Hexachloroethane
Concen: 36.402 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:	117	Resp:	107878
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	100.0	77.0	115.4

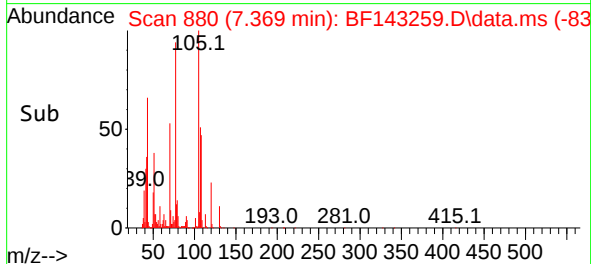
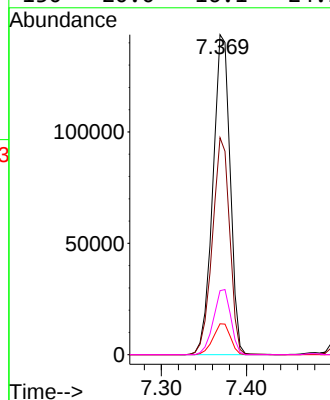
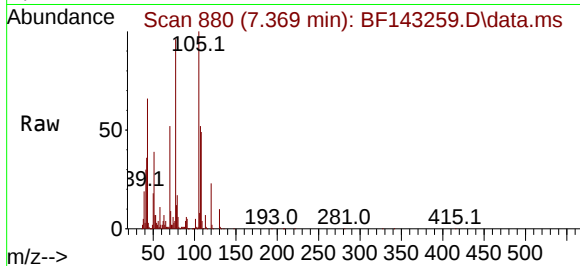




#19
n-Nitroso-di-n-propylamine
Concen: 33.520 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

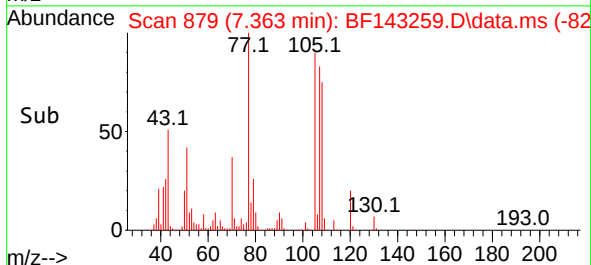
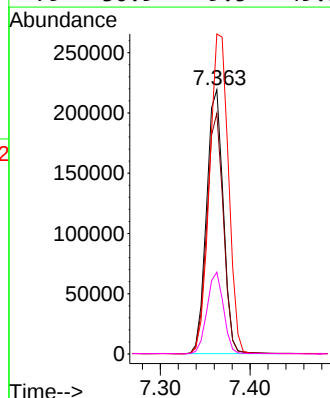
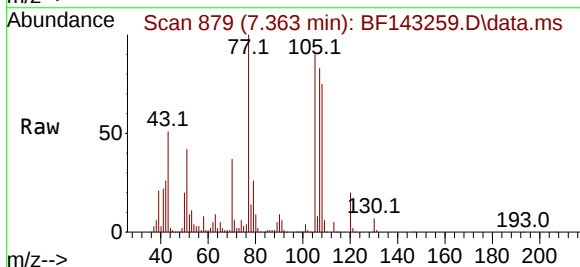
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

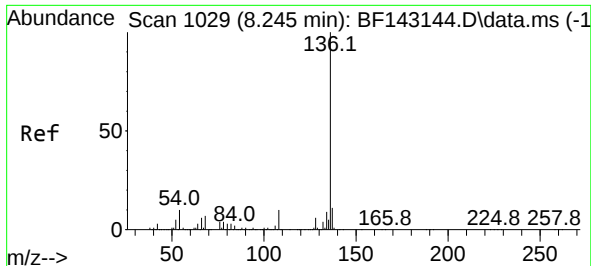
Tgt Ion:	70	Resp:	202068
Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.6	7.6	11.4
130	20.0	16.1	24.1



#20
3+4-Methylphenols
Concen: 35.466 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:	107	Resp:	283110
Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.0	110.0
77	121.1	57.8	97.8#
79	30.9	9.5	49.5

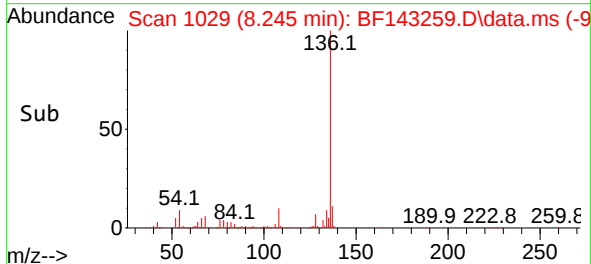
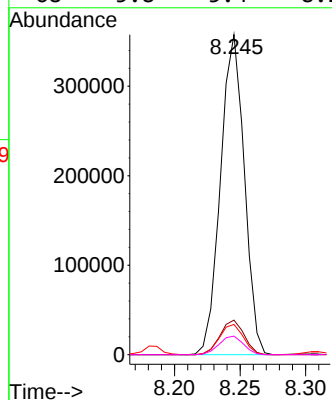
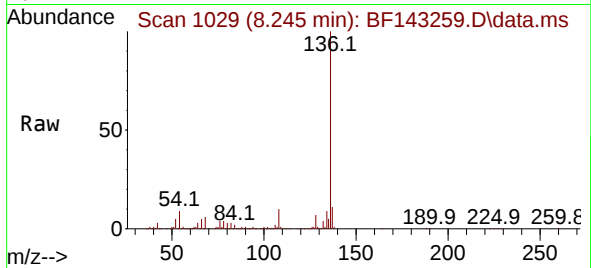




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

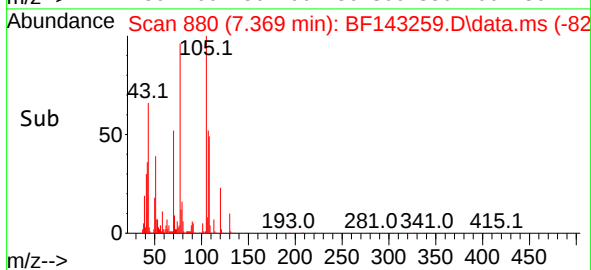
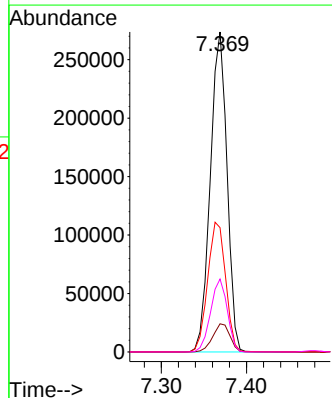
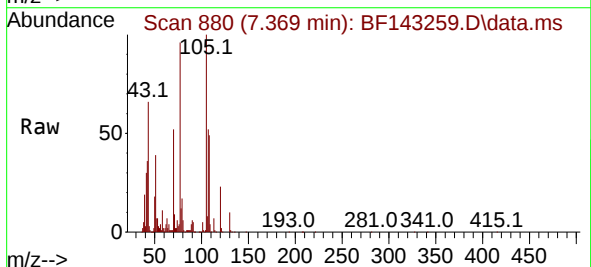
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	451409
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.5	8.2	12.2
68	5.8	5.4	8.2



#22
Acetophenone
Concen: 34.839 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:	105	Resp:	372336
Ion Ratio	Lower	Upper	
105	100		
71	8.8	5.8	8.6#
51	38.8	30.2	45.2
120	22.8	18.2	27.4





#23

Nitrobenzene-d5

Concen: 73.745 ng

RT: 7.522 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

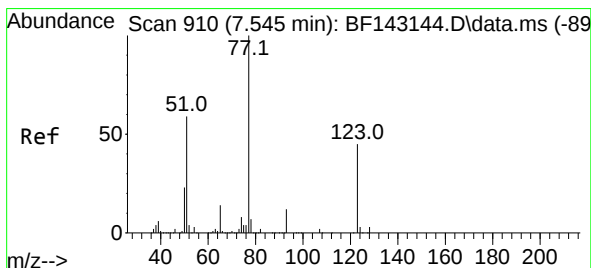
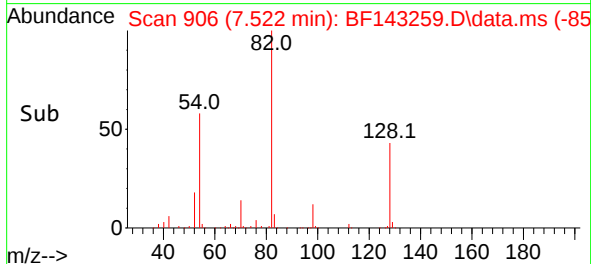
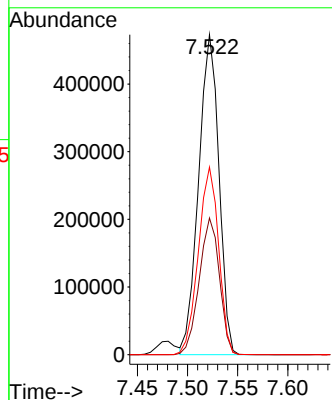
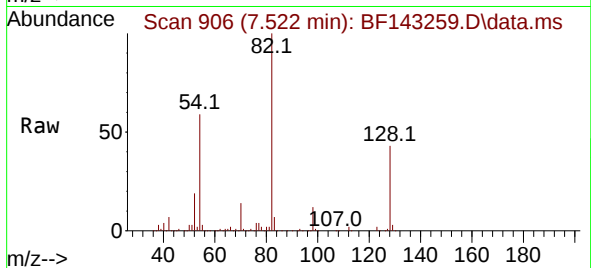
Tgt Ion: 82 Resp: 667829

Ion Ratio Lower Upper

82 100

128 42.7 33.6 50.4

54 58.6 47.1 70.7



#24

Nitrobenzene

Concen: 36.263 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

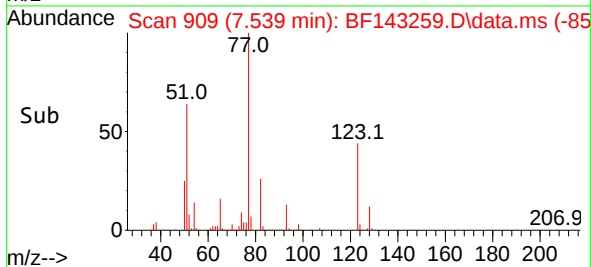
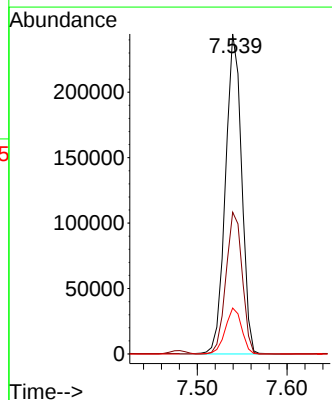
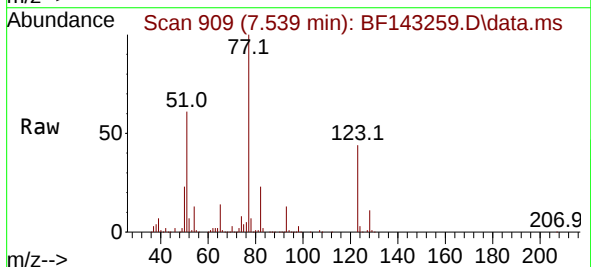
Tgt Ion: 77 Resp: 306161

Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.3 11.4 17.2

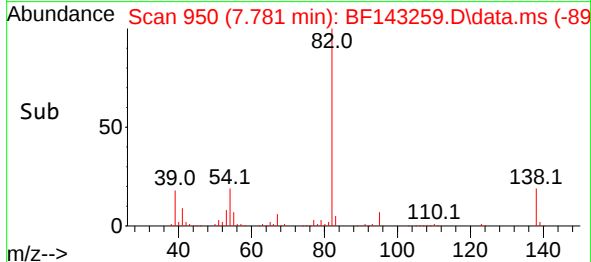
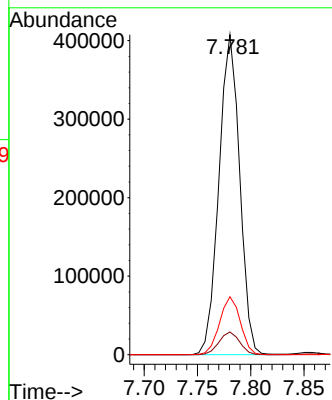
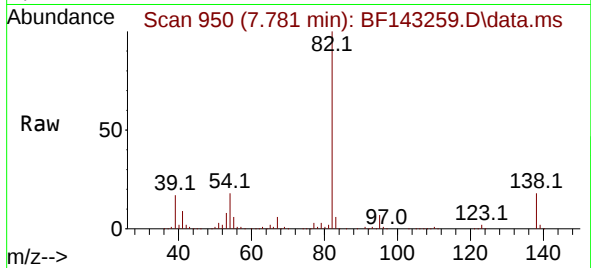




#25
Isophorone
Concen: 34.463 ng
RT: 7.781 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

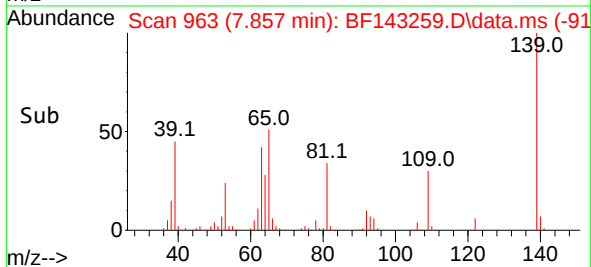
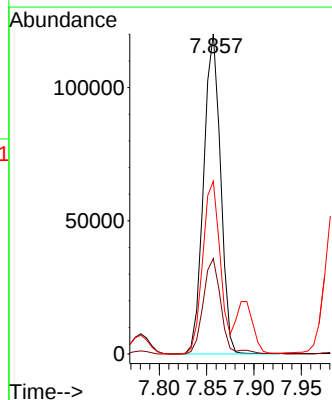
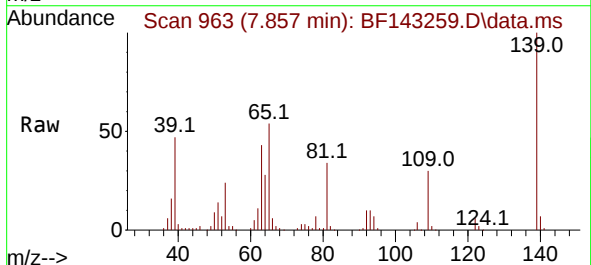
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

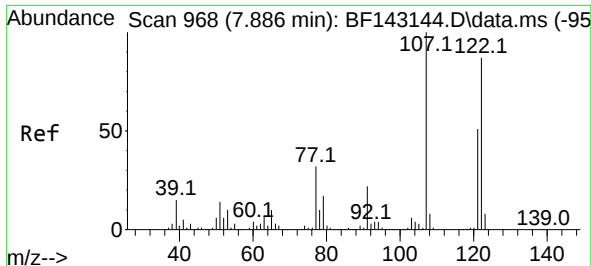
Tgt Ion: 82 Resp: 550953
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 40.658 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:139 Resp: 148979
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 54.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 34.463 ng

RT: 7.892 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

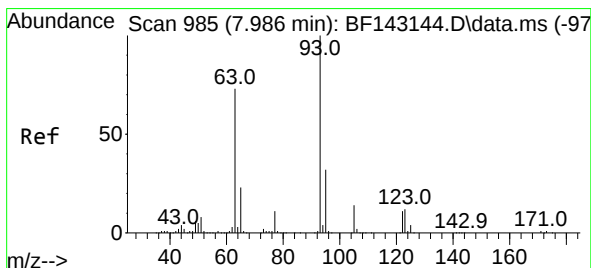
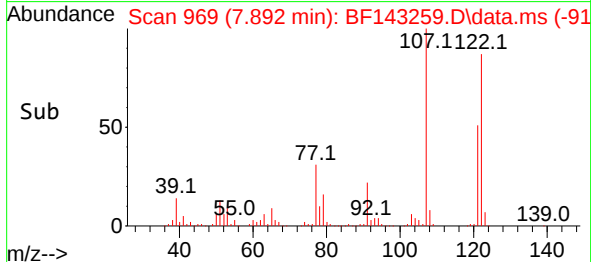
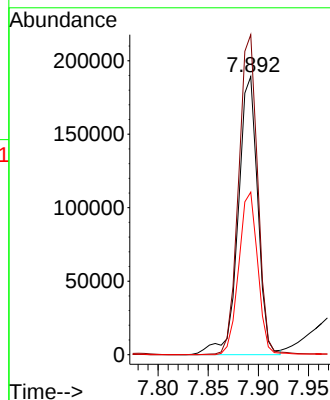
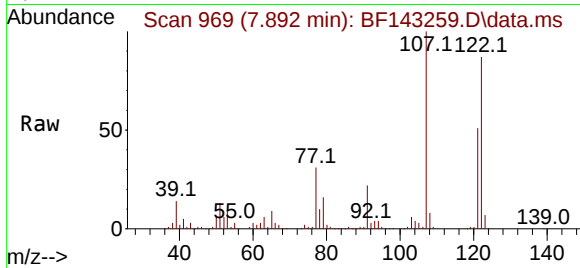
Tgt Ion:122 Resp: 257407

Ion Ratio Lower Upper

122 100

107 115.0 91.8 137.6

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 34.331 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

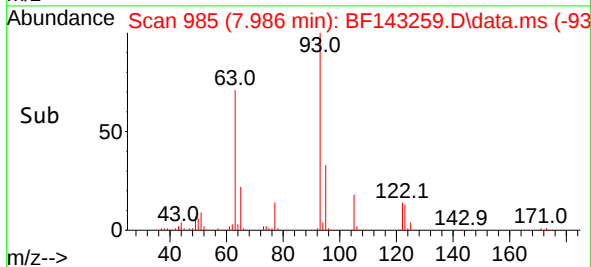
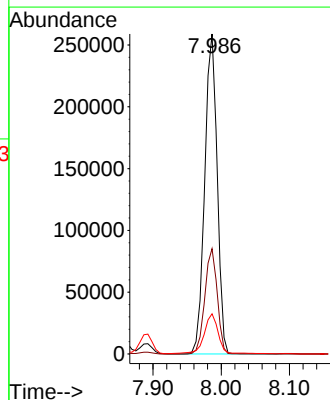
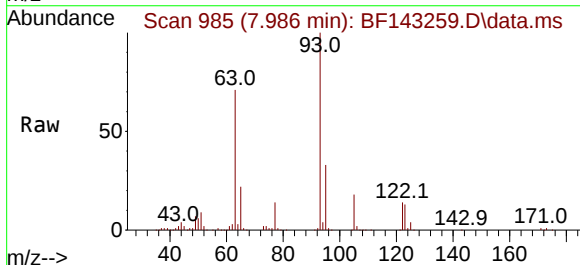
Tgt Ion: 93 Resp: 329062

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 36.300 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

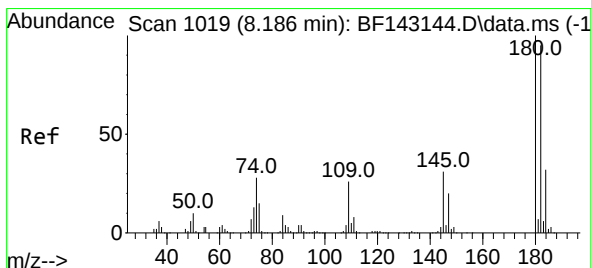
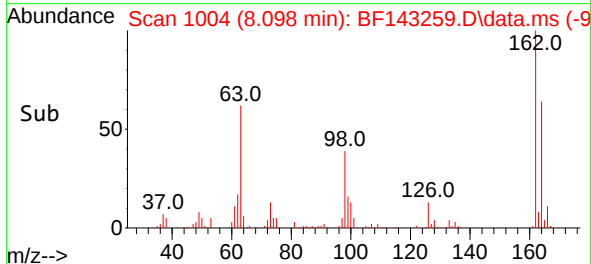
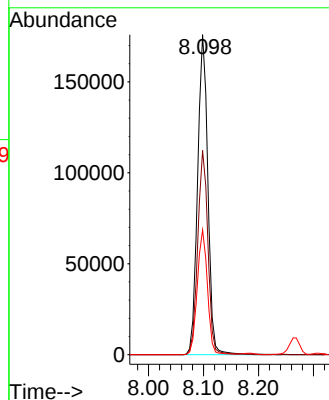
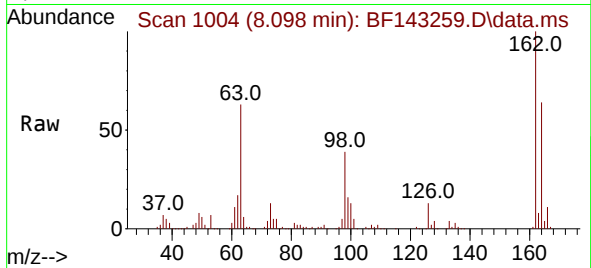
Tgt Ion:162 Resp: 228651

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 39.0 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 36.535 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

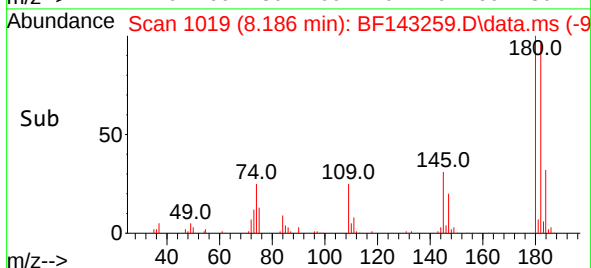
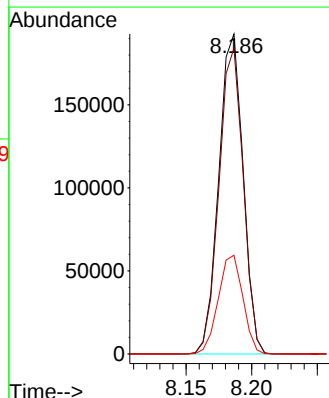
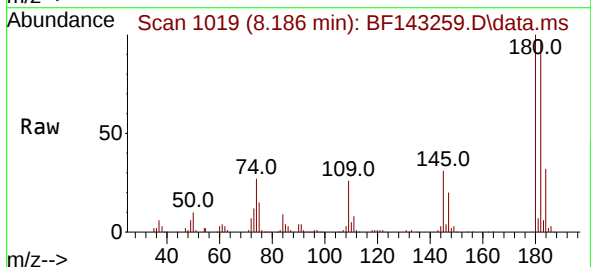
Tgt Ion:180 Resp: 248621

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 30.9 25.0 37.6

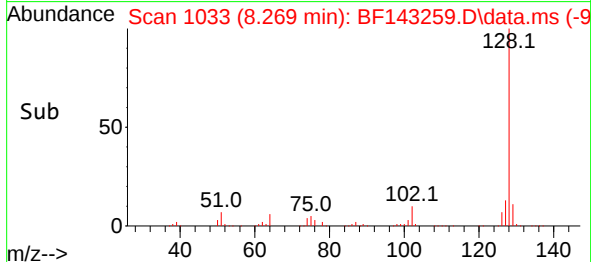
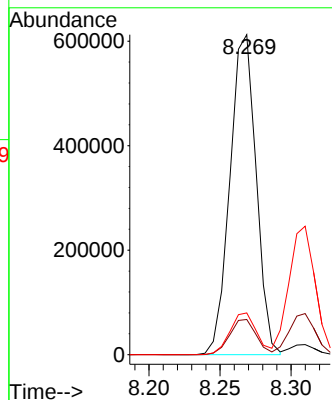
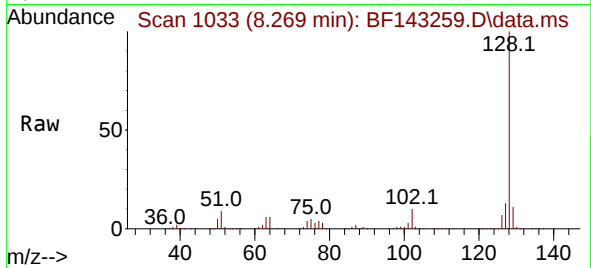




#31
Naphthalene
Concen: 35.471 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

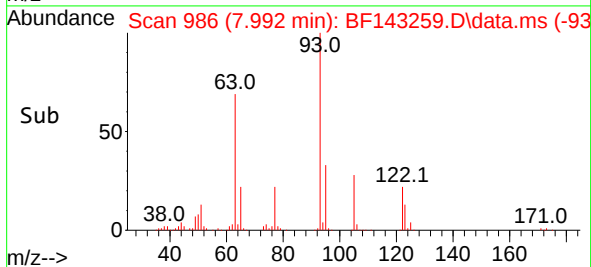
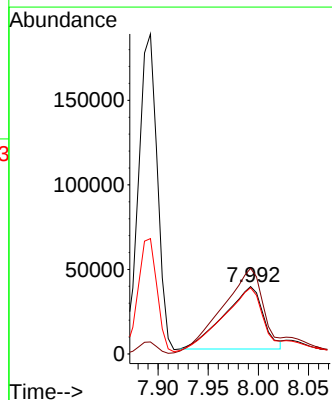
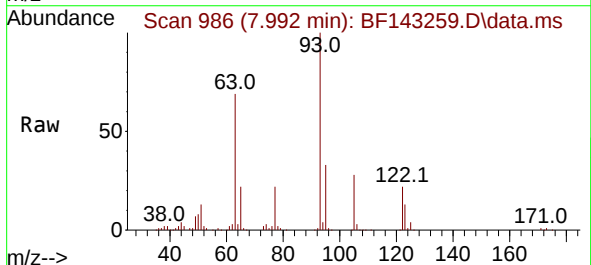
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 788568
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 26.580 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:122 Resp: 100936
Ion Ratio Lower Upper
122 100
105 127.2 104.8 144.8
77 98.5 77.6 117.6

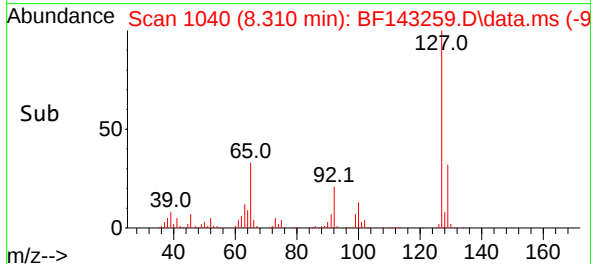
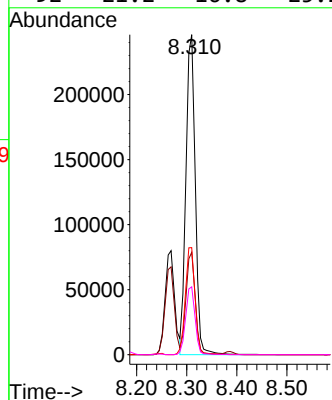
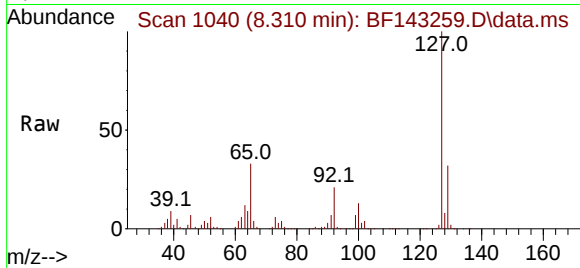




#33
4-Chloroaniline
Concen: 35.293 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

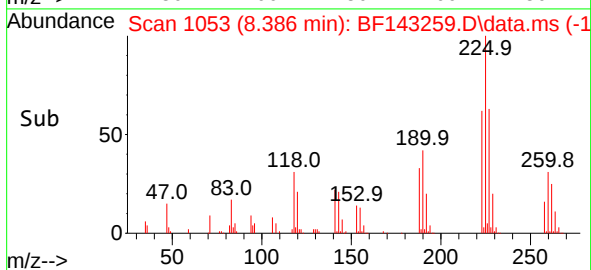
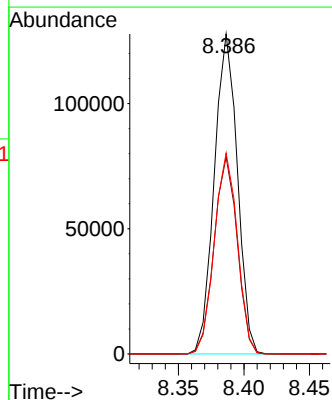
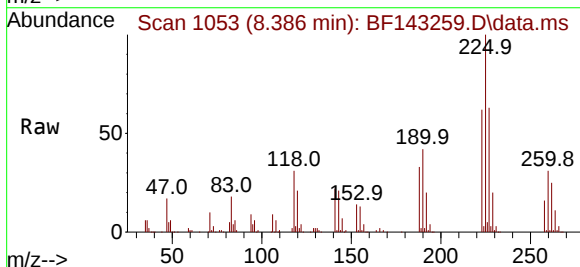
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

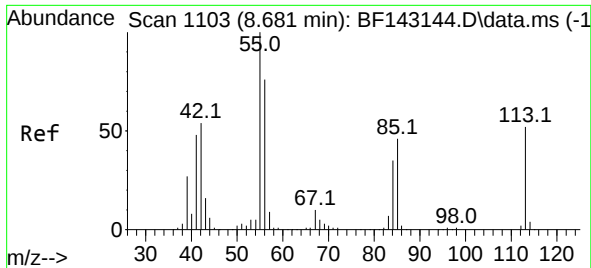
Tgt Ion:	127	Resp:	320373
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	33.4	27.4	41.2
92	21.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.619 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:	225	Resp:	156384
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.6
227	62.8	50.2	75.4

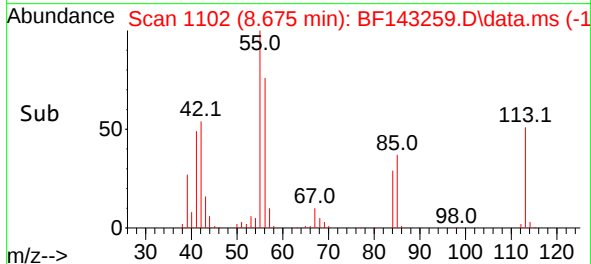
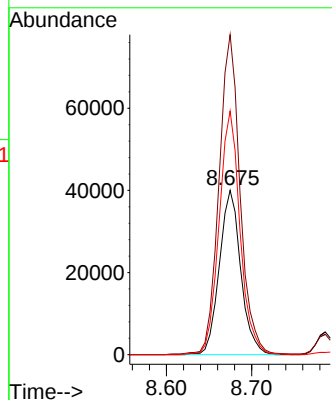
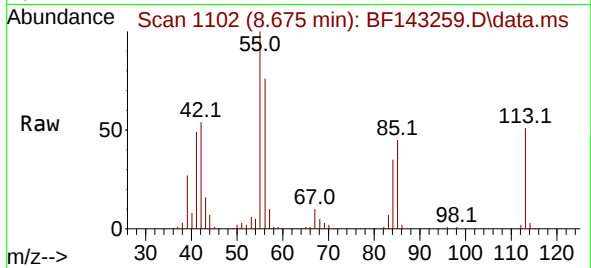




#35
Caprolactam
Concen: 36.596 ng
RT: 8.675 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

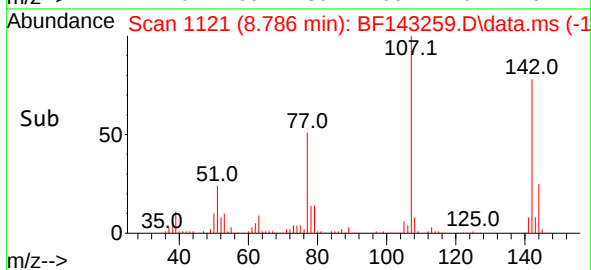
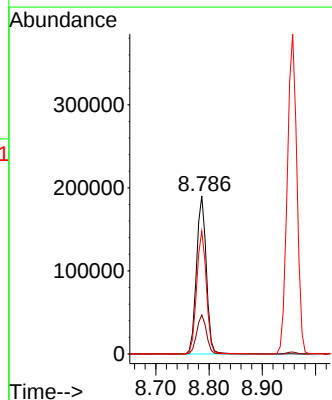
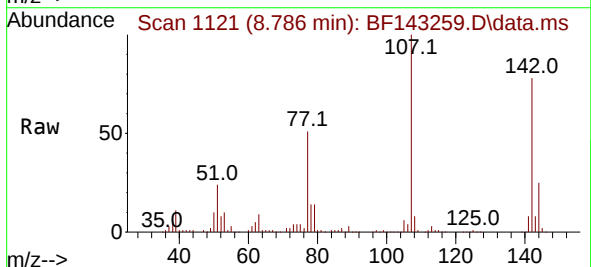
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

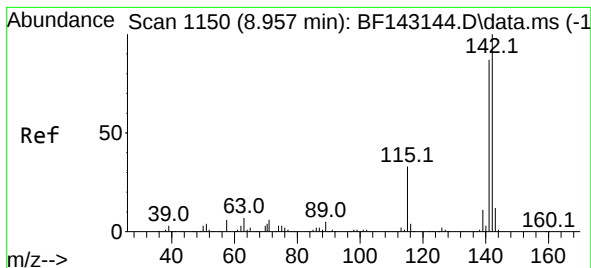
Tgt Ion:113 Resp: 69658
Ion Ratio Lower Upper
113 100
55 194.7 174.0 214.0
56 148.2 126.6 166.6



#36
4-Chloro-3-methylphenol
Concen: 35.729 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:107 Resp: 244614
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 77.7 60.6 90.8

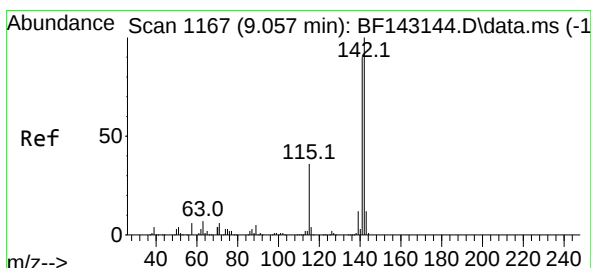
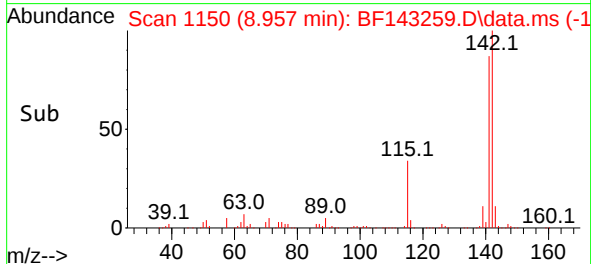
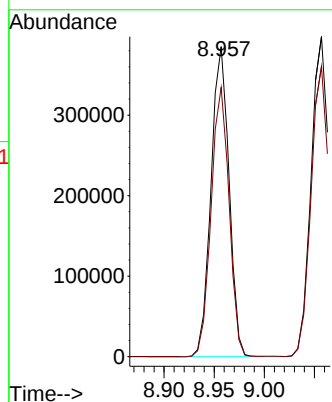
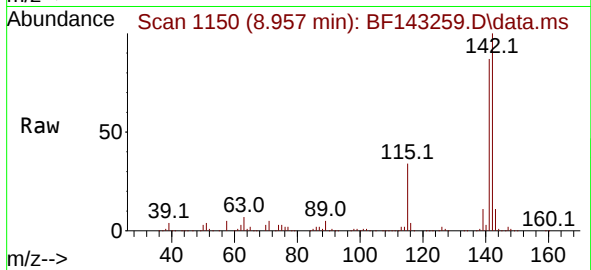




#37
2-Methylnaphthalene
Concen: 35.605 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

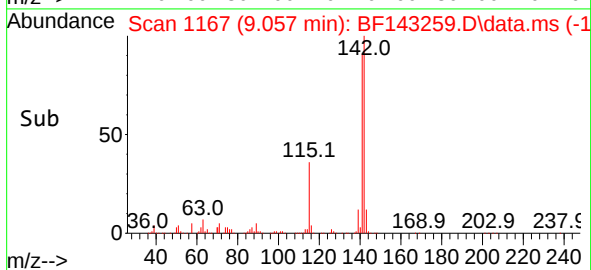
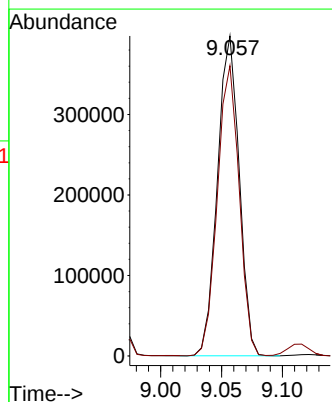
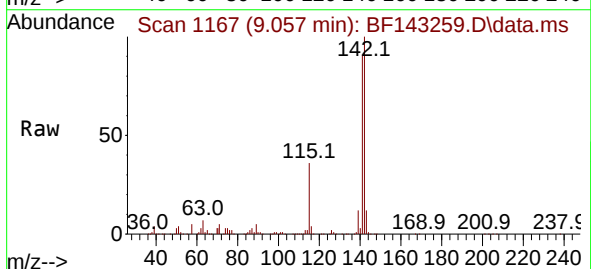
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

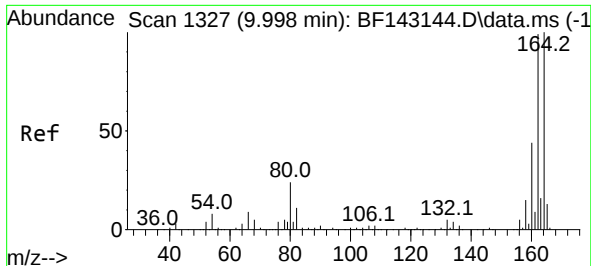
Tgt Ion:142 Resp: 481670
Ion Ratio Lower Upper
142 100
141 86.8 69.9 104.9



#38
1-Methylnaphthalene
Concen: 35.511 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:142 Resp: 494687
Ion Ratio Lower Upper
142 100
141 90.7 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

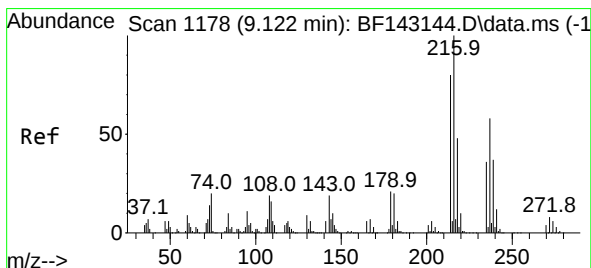
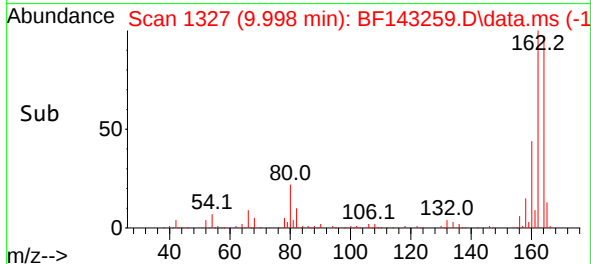
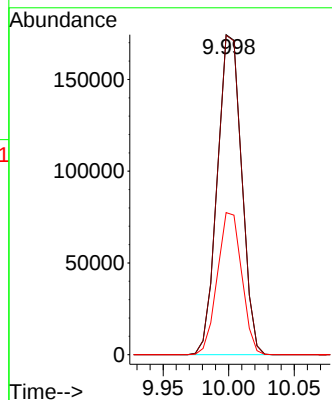
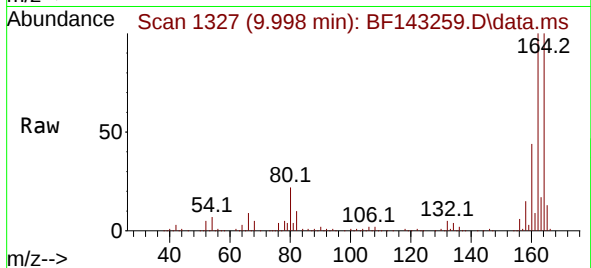
Tgt Ion:164 Resp: 225198

Ion Ratio Lower Upper

164 100

162 99.8 79.0 118.6

160 44.4 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.052 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Tgt Ion:216 Resp: 240901

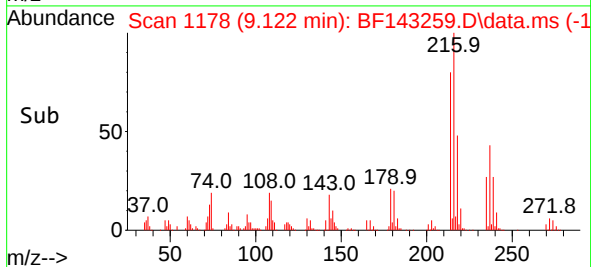
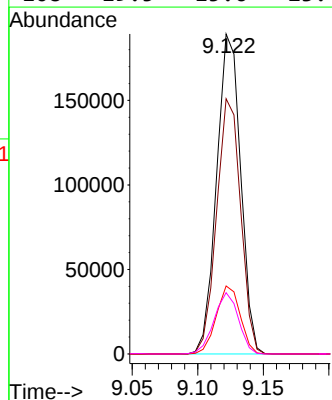
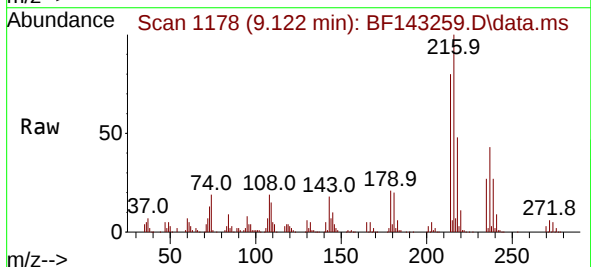
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 21.1 16.4 24.6

108 19.5 15.6 23.4

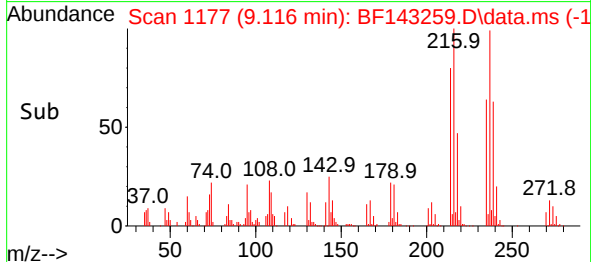
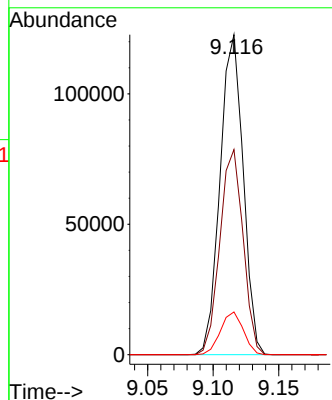
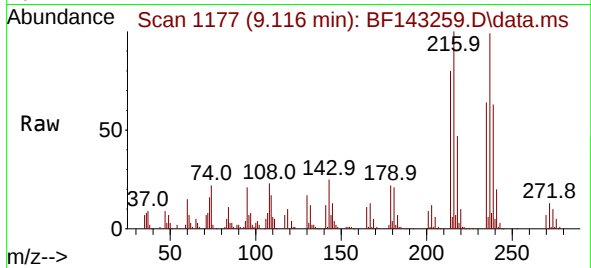




#41
Hexachlorocyclopentadiene
Concen: 35.511 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

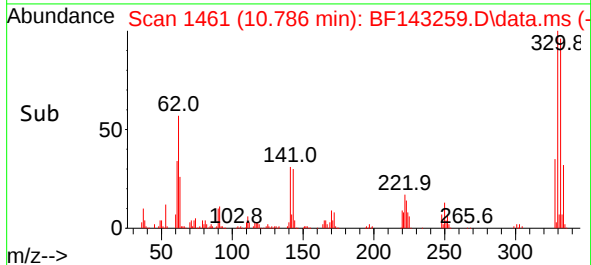
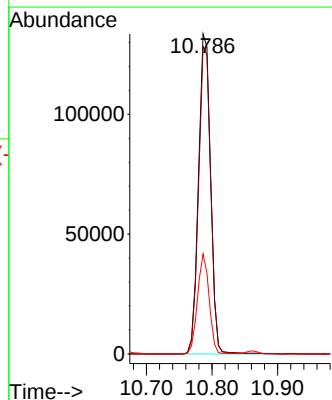
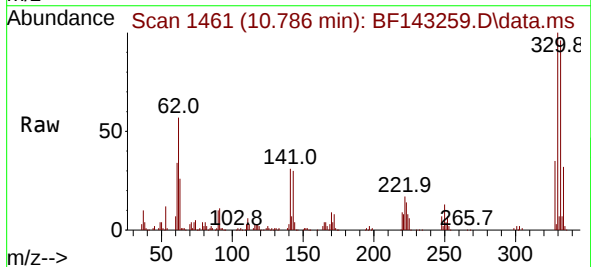
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 150229
Ion Ratio Lower Upper
237 100
235 64.1 43.0 83.0
272 13.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 73.958 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:330 Resp: 172057
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 30.0 23.3 34.9

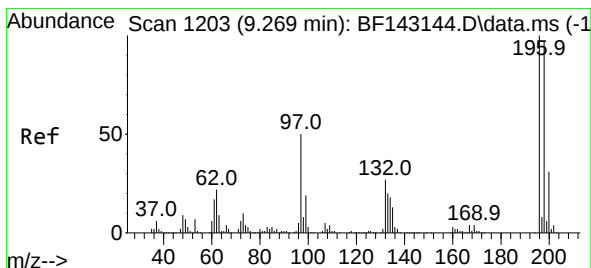
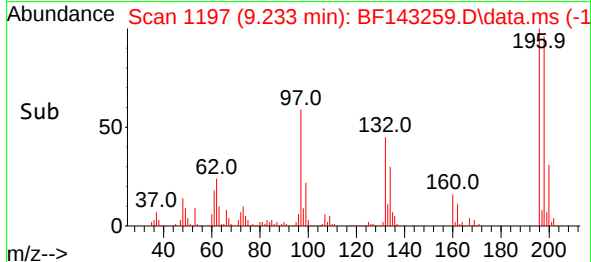
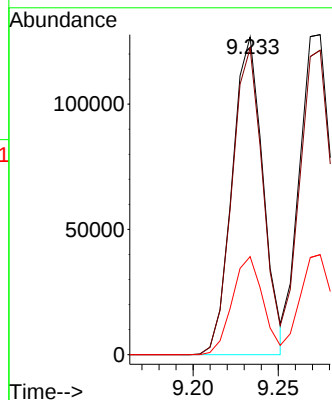
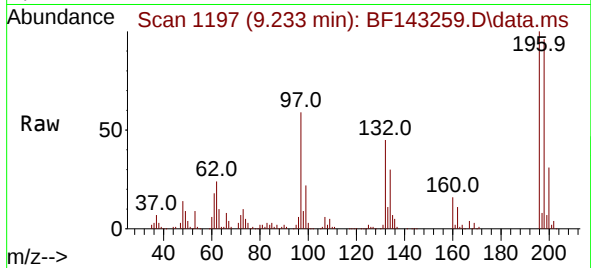




#43
2,4,6-Trichlorophenol
Concen: 35.435 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

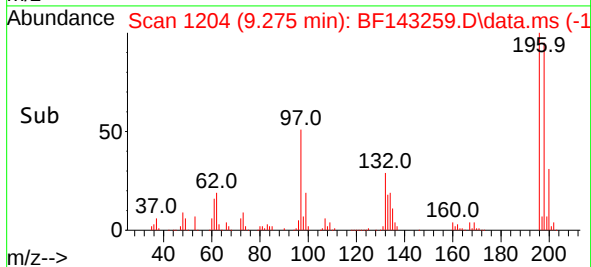
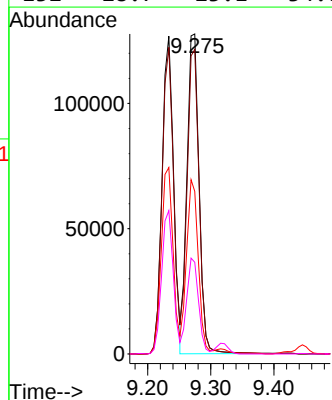
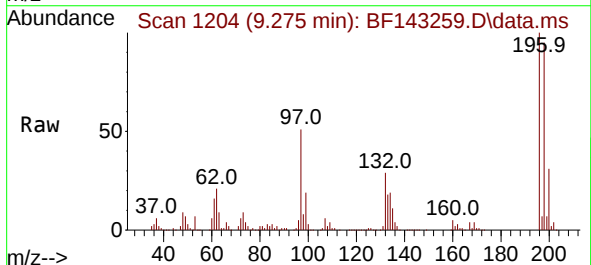
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

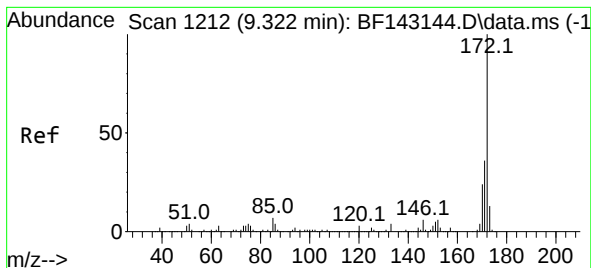
Tgt Ion:196 Resp: 159448
Ion Ratio Lower Upper
196 100
198 96.5 76.2 114.2
200 30.9 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 38.000 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:196 Resp: 171042
Ion Ratio Lower Upper
196 100
198 95.2 77.3 115.9
97 50.8 40.3 60.5
132 28.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 72.745 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

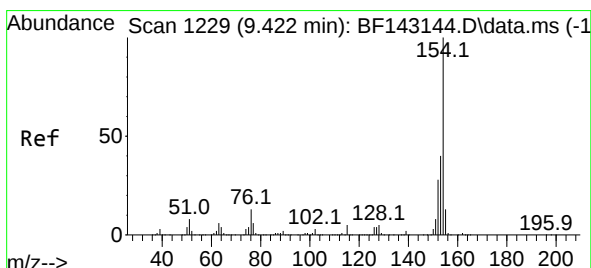
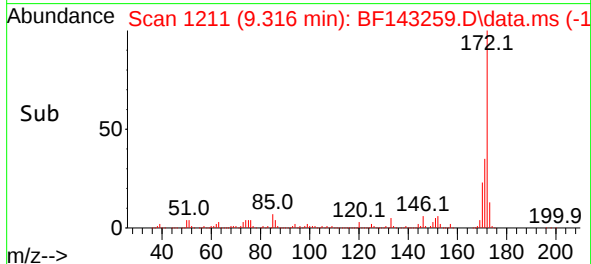
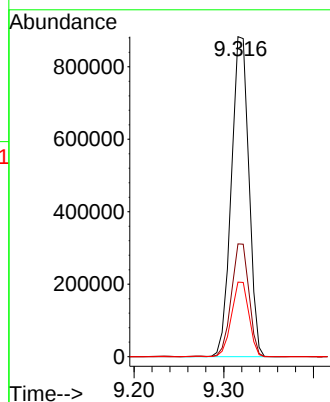
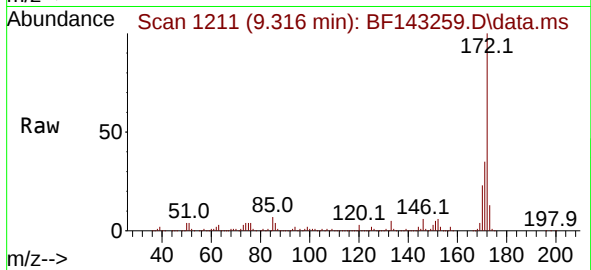
Tgt Ion:172 Resp: 1197844

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 36.509 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

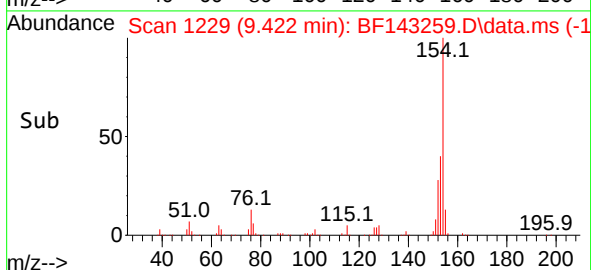
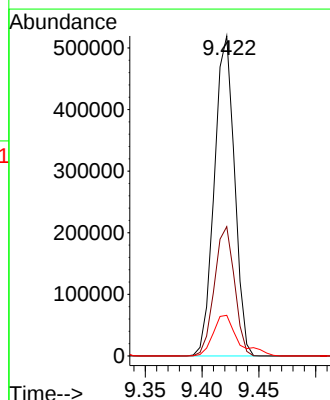
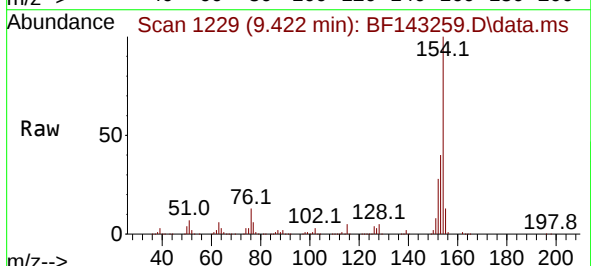
Tgt Ion:154 Resp: 641452

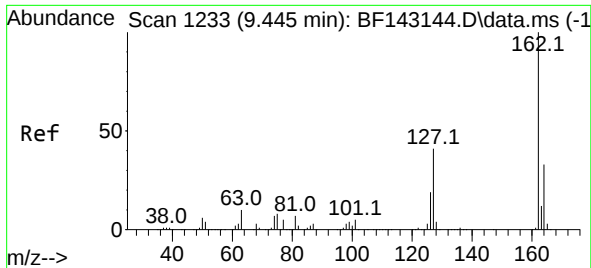
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 36.699 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

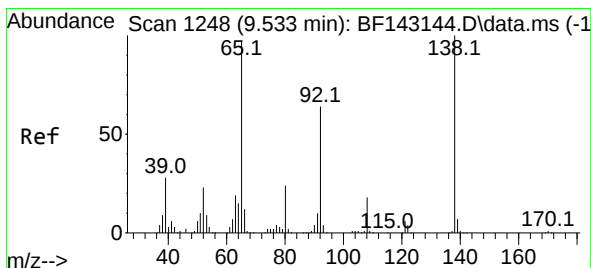
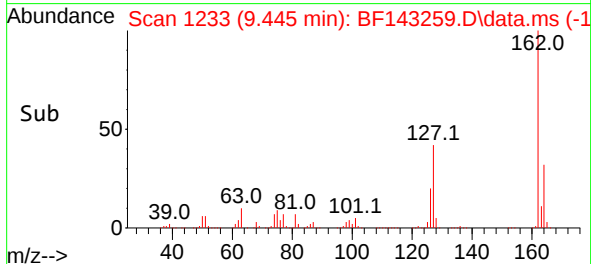
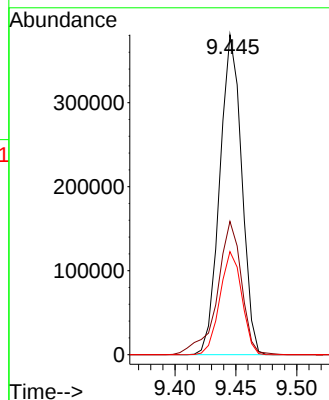
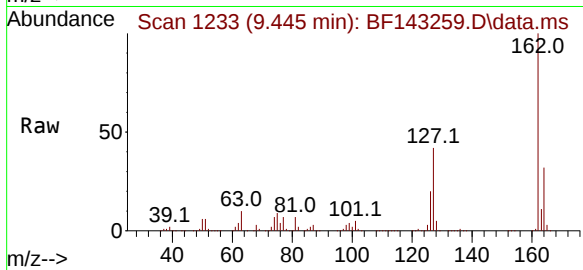
Tgt Ion:162 Resp: 477103

Ion Ratio Lower Upper

162 100

127 41.6 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 38.668 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

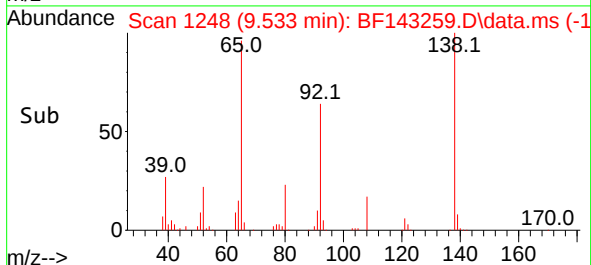
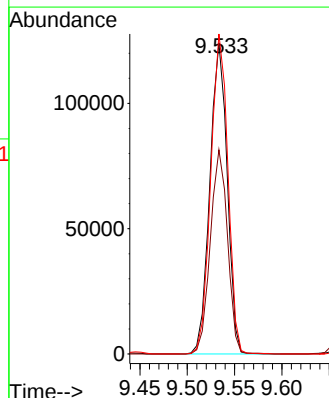
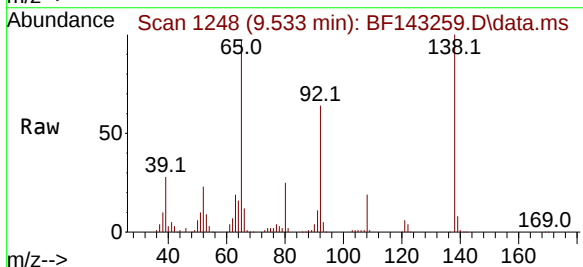
Tgt Ion: 65 Resp: 157646

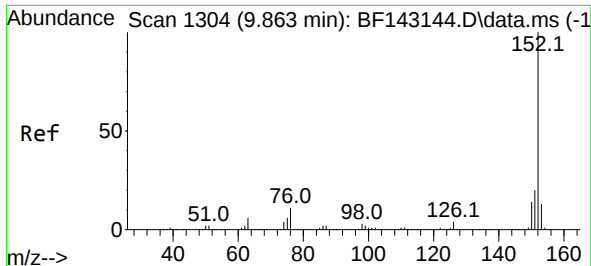
Ion Ratio Lower Upper

65 100

92 65.6 52.4 78.6

138 102.8 82.3 123.5





#49

Acenaphthylene

Concen: 36.233 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

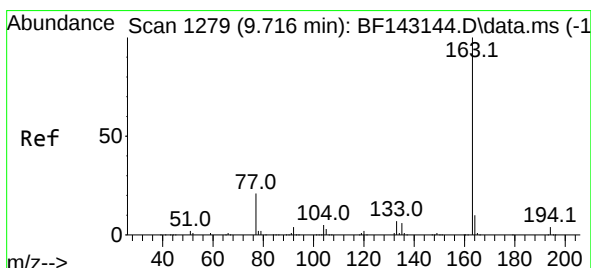
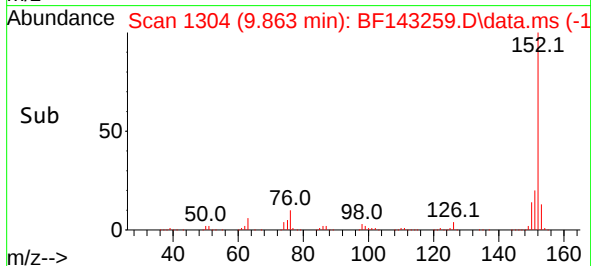
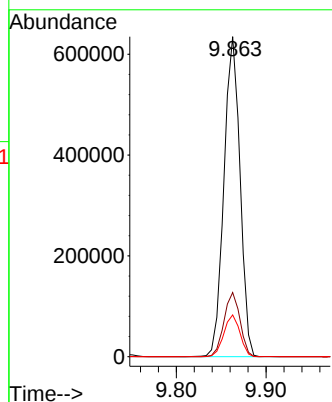
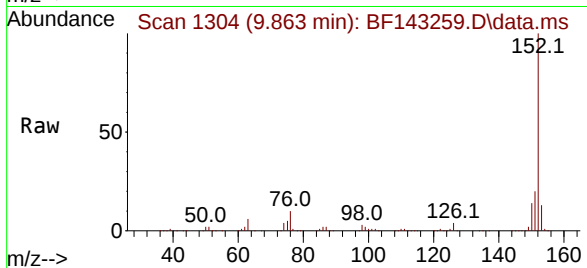
Tgt Ion:152 Resp: 789401

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 35.997 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

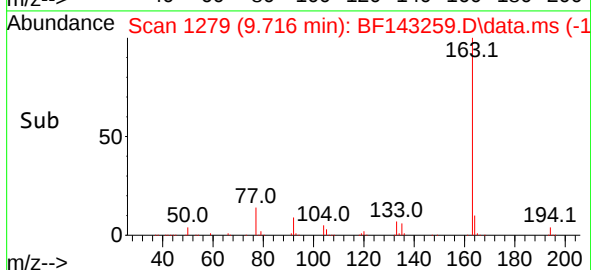
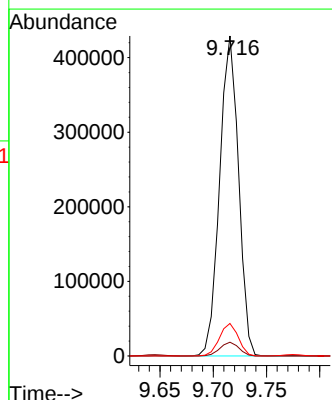
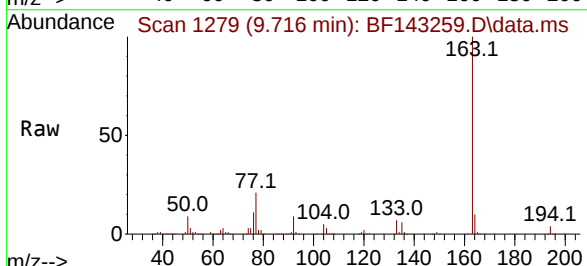
Tgt Ion:163 Resp: 528406

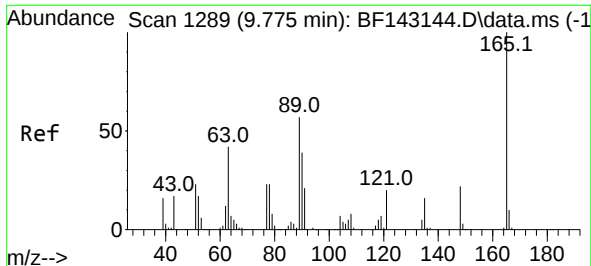
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.3 12.5

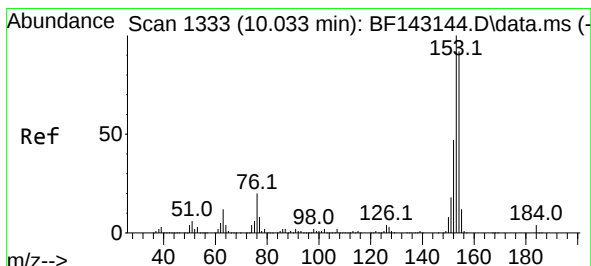
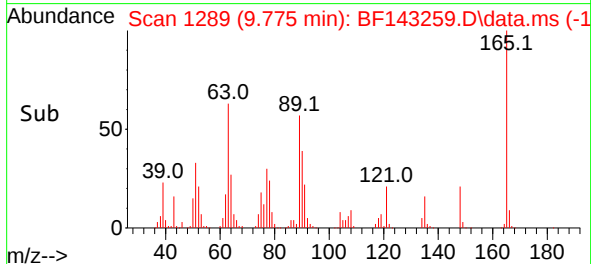
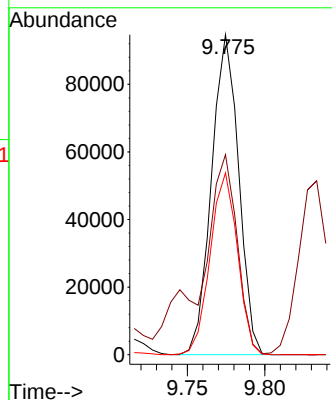
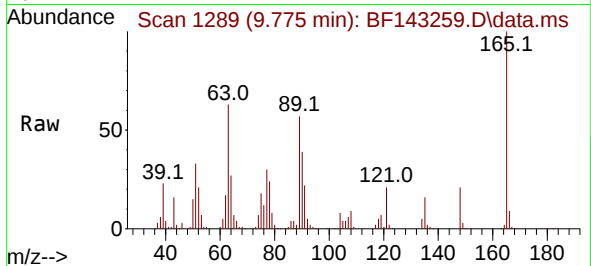




#51
2,6-Dinitrotoluene
Concen: 38.618 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

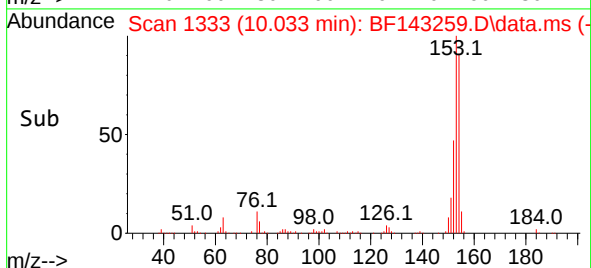
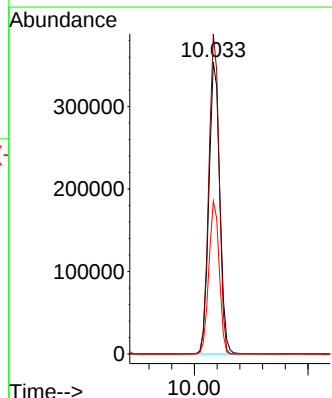
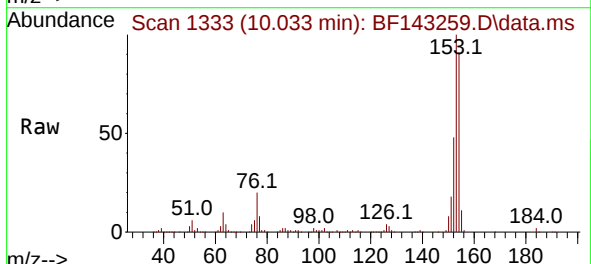
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

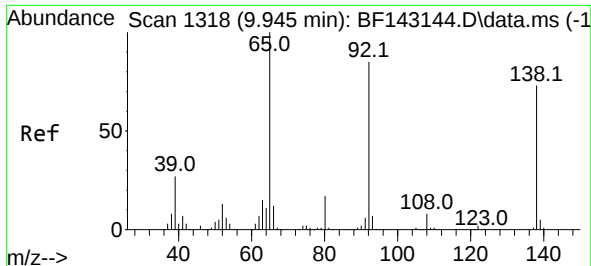
Tgt Ion:165 Resp: 115320
Ion Ratio Lower Upper
165 100
63 62.5 49.4 74.2
89 56.8 46.2 69.2



#52
Acenaphthene
Concen: 36.469 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:154 Resp: 469614
Ion Ratio Lower Upper
154 100
153 109.6 86.6 129.8
152 52.4 40.4 60.6

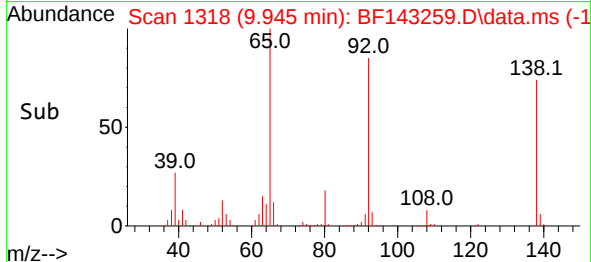
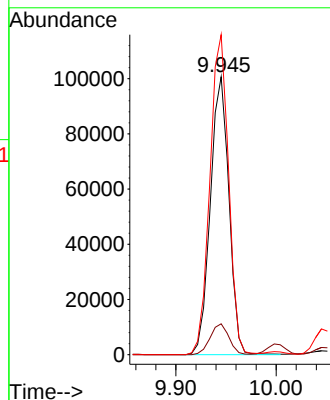
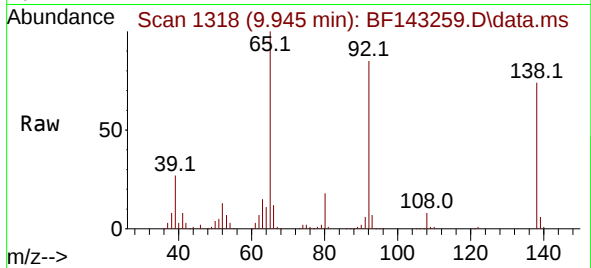




#53
3-Nitroaniline
Concen: 37.118 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

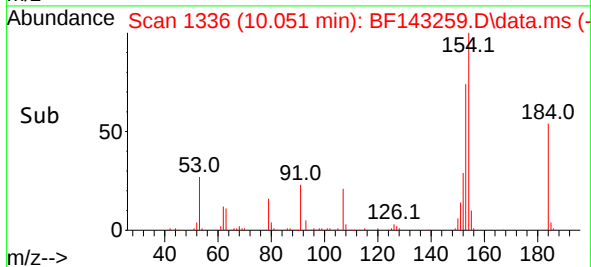
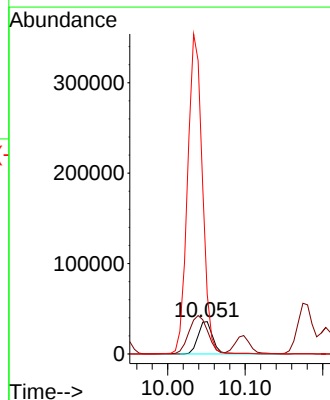
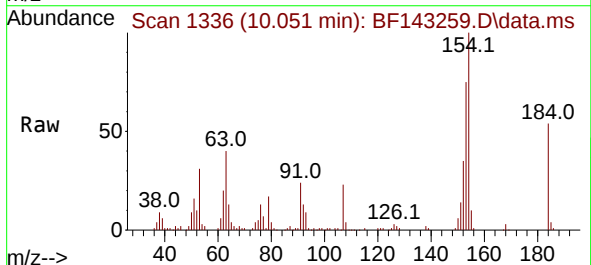
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

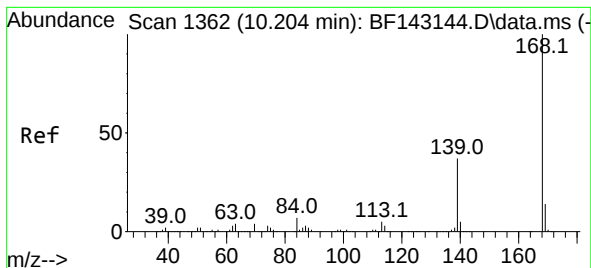
Tgt Ion:138 Resp: 129644
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.6
92 115.2 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 39.260 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:184 Resp: 48124
Ion Ratio Lower Upper
184 100
63 73.6 81.8 122.6#
154 183.8 412.2 618.4#





#55

Dibenzofuran

Concen: 35.470 ng

RT: 10.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

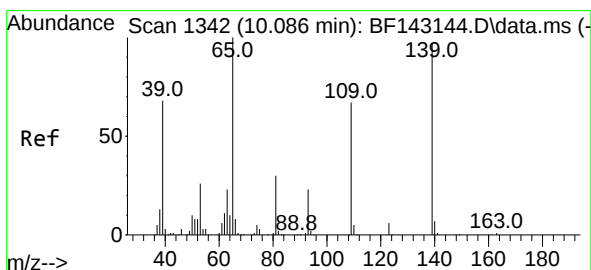
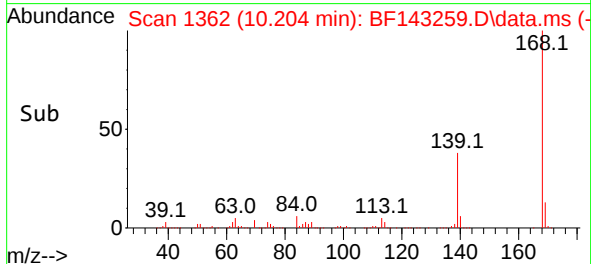
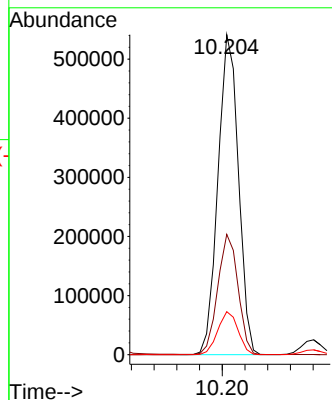
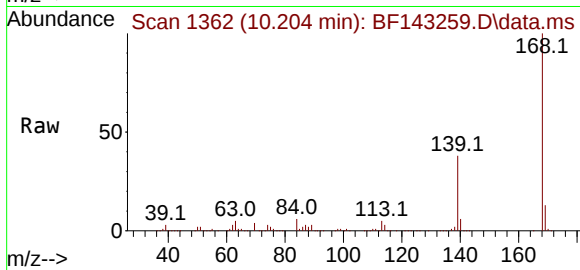
Tgt Ion:168 Resp: 678122

Ion Ratio Lower Upper

168 100

139 37.6 29.5 44.3

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 33.447 ng

RT: 10.098 min Scan# 1344

Delta R.T. 0.012 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

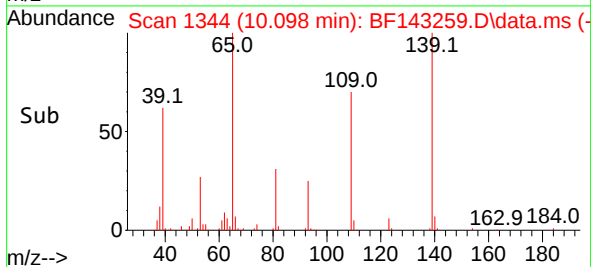
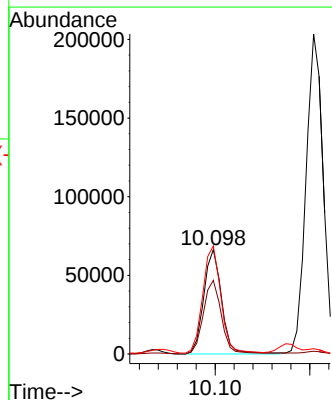
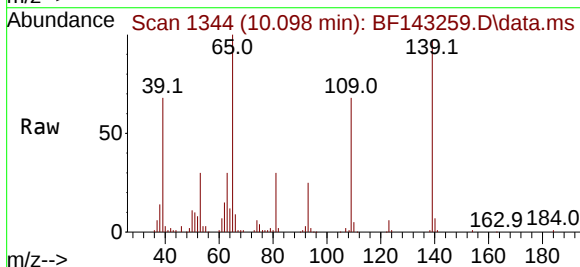
Tgt Ion:139 Resp: 87236

Ion Ratio Lower Upper

139 100

109 70.6 48.5 88.5

65 103.5 83.4 123.4

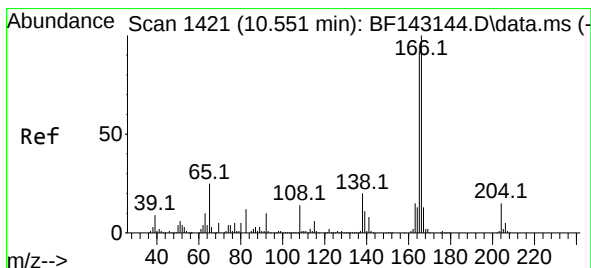
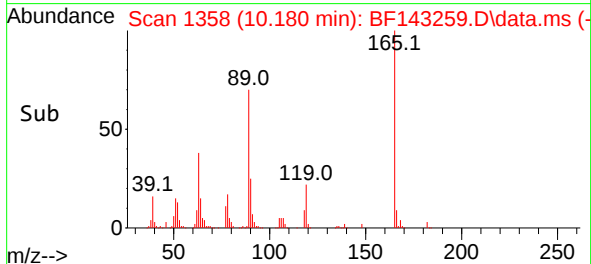
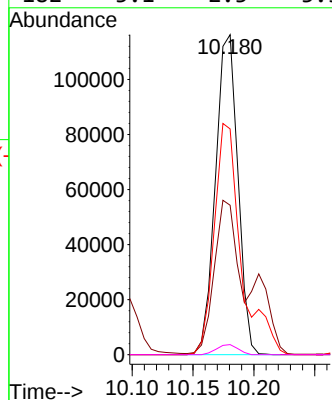
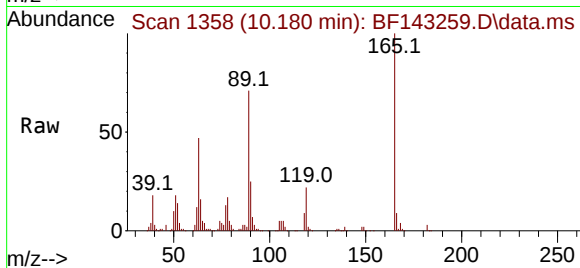




#57
2,4-Dinitrotoluene
Concen: 39.746 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

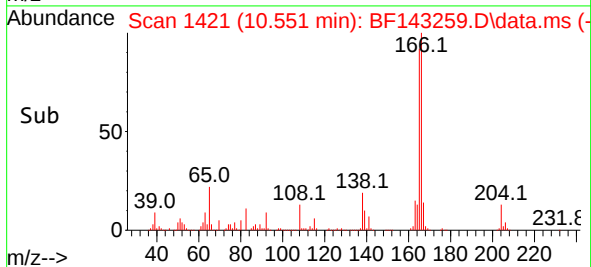
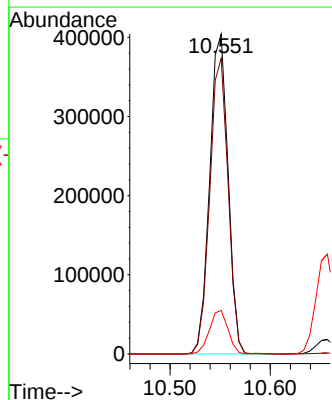
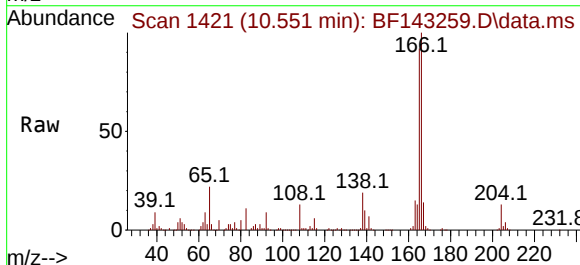
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 148905
Ion Ratio Lower Upper
165 100
63 46.7 41.0 61.4
89 70.6 61.1 91.7
182 3.1 2.3 3.5



#58
Fluorene
Concen: 35.837 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:166 Resp: 514218
Ion Ratio Lower Upper
166 100
165 92.4 73.7 110.5
167 13.6 10.6 16.0

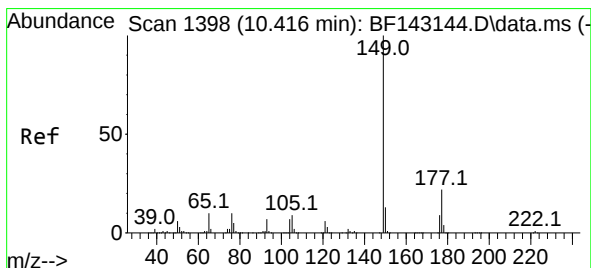
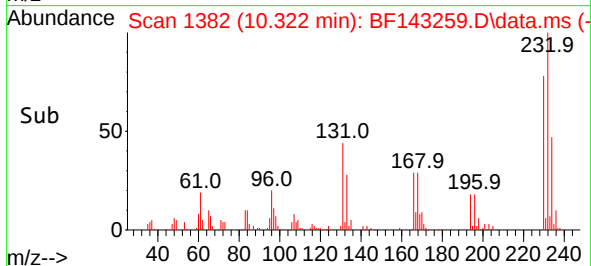
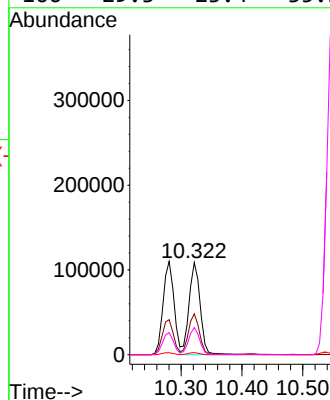
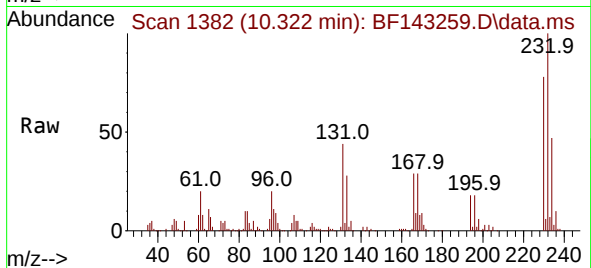




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.952 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

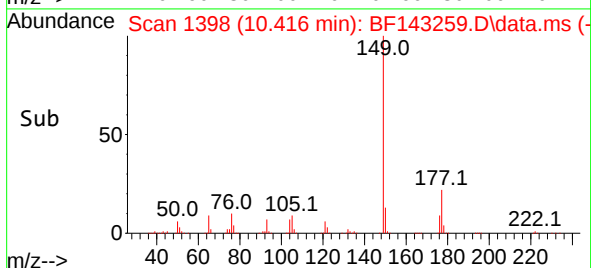
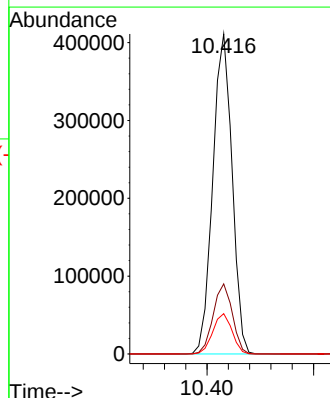
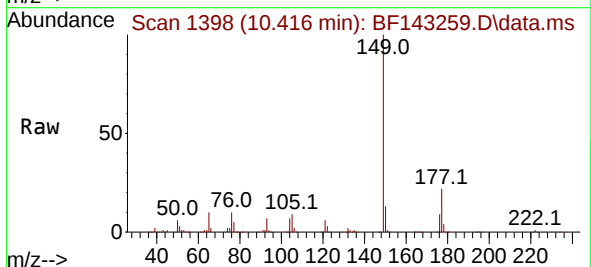
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

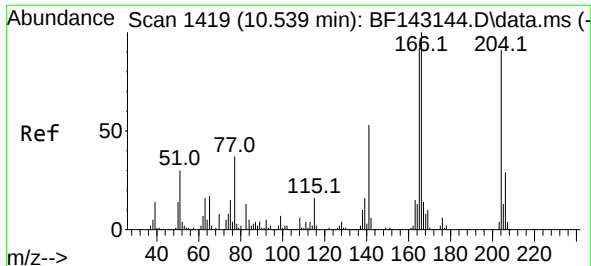
Tgt Ion:232 Resp: 137776
Ion Ratio Lower Upper
232 100
131 44.2 35.3 52.9
130 2.2 1.7 2.5
166 29.3 23.4 35.2



#60
Diethylphthalate
Concen: 35.485 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:149 Resp: 514852
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.6 10.2 15.2

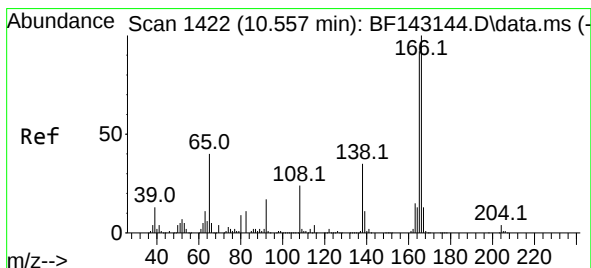
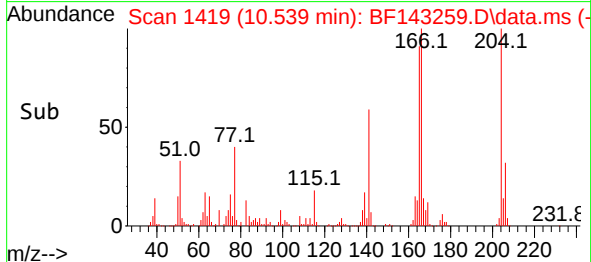
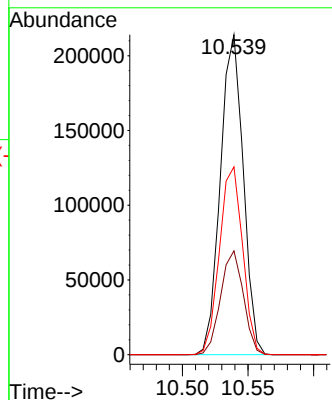
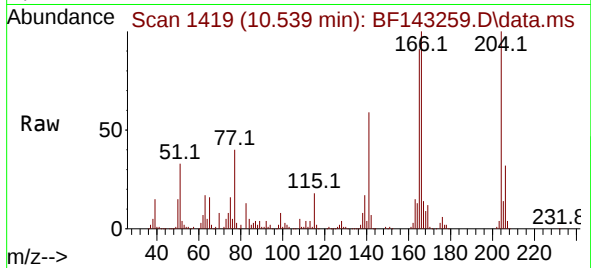




#61
4-Chlorophenyl-phenylether
Concen: 36.313 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

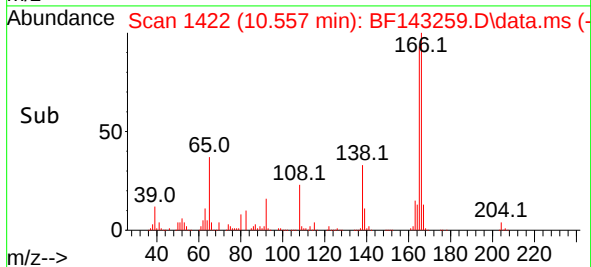
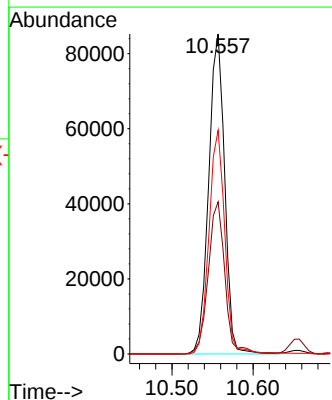
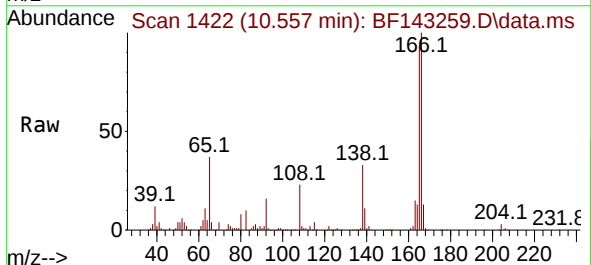
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

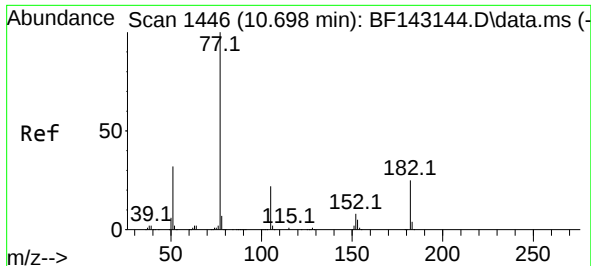
Tgt Ion:204 Resp: 259448
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 38.762 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:138 Resp: 116033
Ion Ratio Lower Upper
138 100
92 47.6 29.3 69.3
108 69.9 48.3 88.3

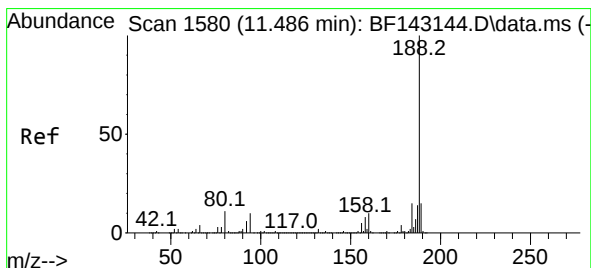
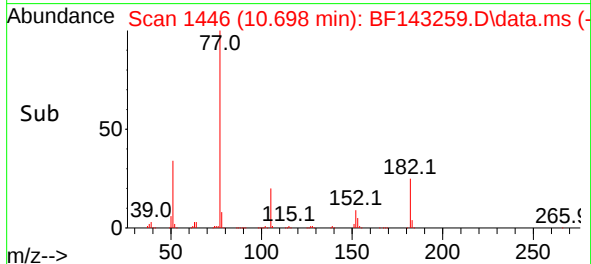
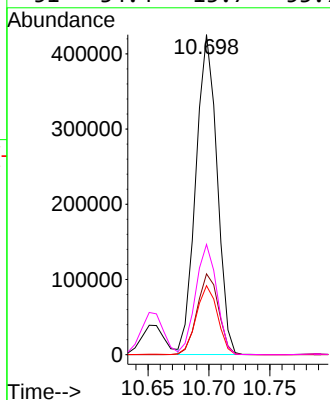
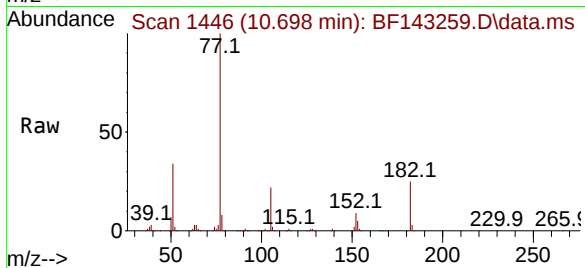




#63
Azobenzene
Concen: 34.120 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

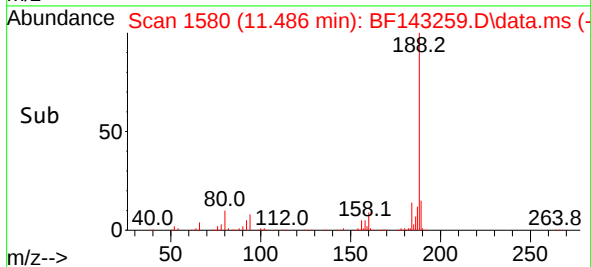
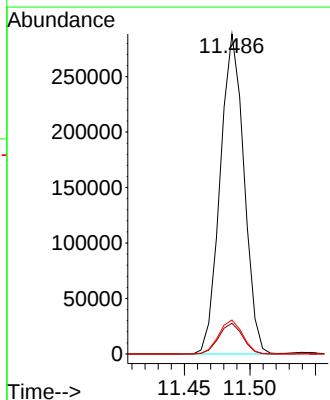
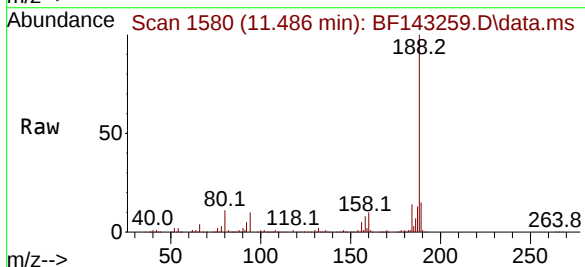
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

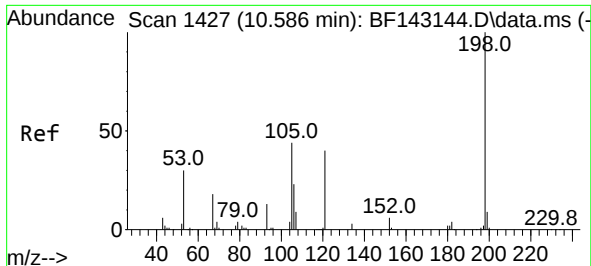
Tgt Ion: 77	Resp: 515937
Ion Ratio	Lower Upper
77 100	
182 25.2	4.6 44.6
105 21.5	1.4 41.4
51 34.4	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:188	Resp: 363862
Ion Ratio	Lower Upper
188 100	
94 9.6	8.3 12.5
80 10.6	9.0 13.6

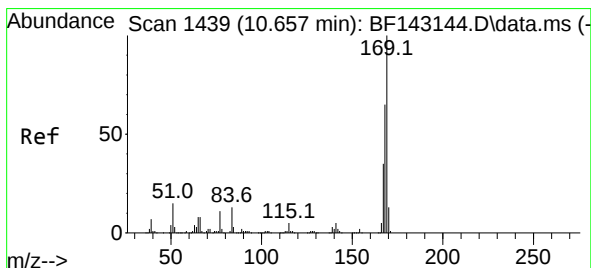
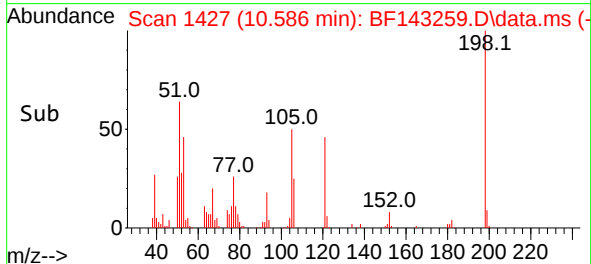
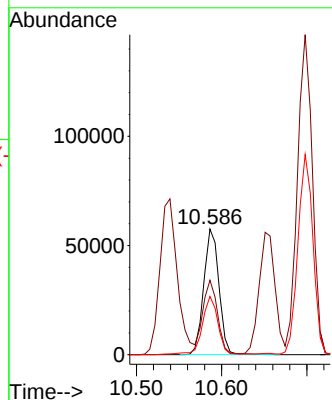
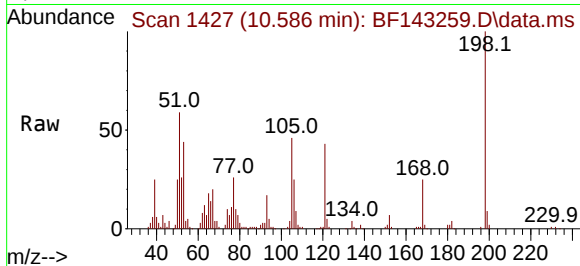




#65
4,6-Dinitro-2-methylphenol
Concen: 38.721 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

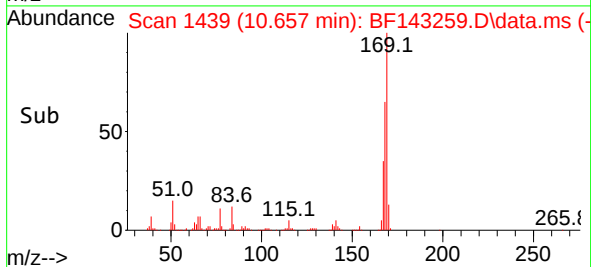
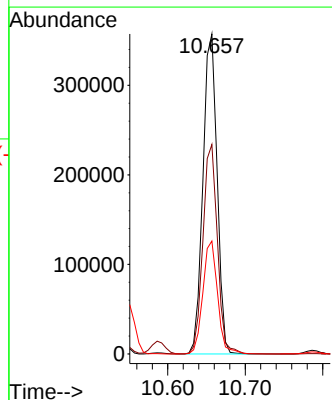
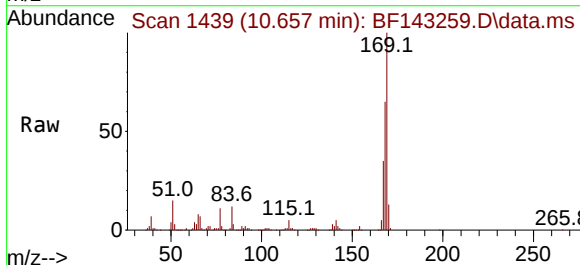
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

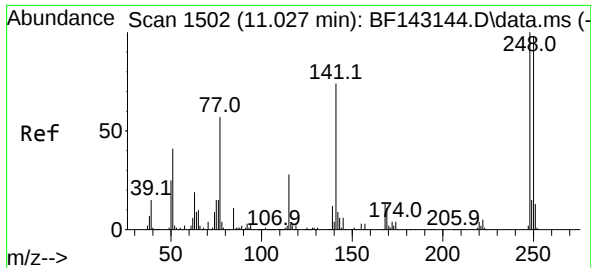
Tgt Ion:198 Resp: 71610
Ion Ratio Lower Upper
198 100
51 59.3 37.2 77.2
105 46.3 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 35.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:169 Resp: 453319
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 35.3 28.2 42.2

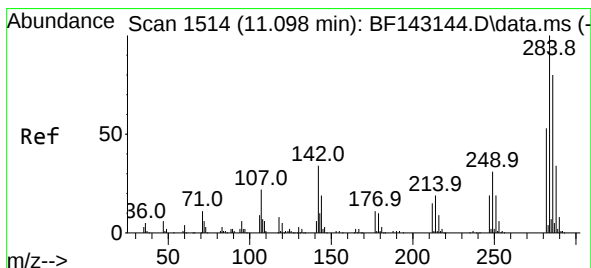
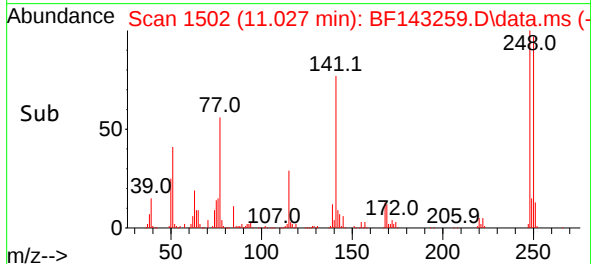
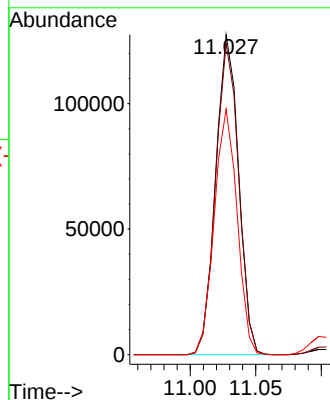
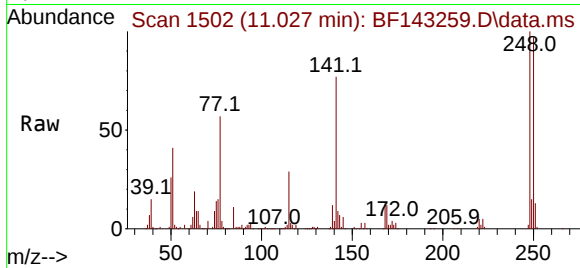




#67
4-Bromophenyl-phenylether
Concen: 35.763 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

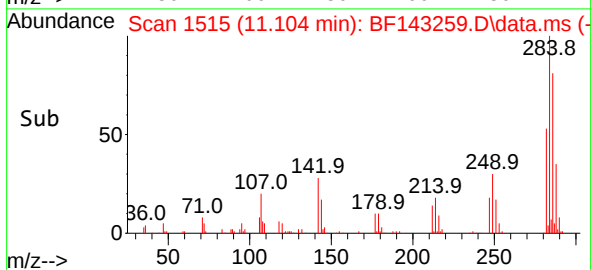
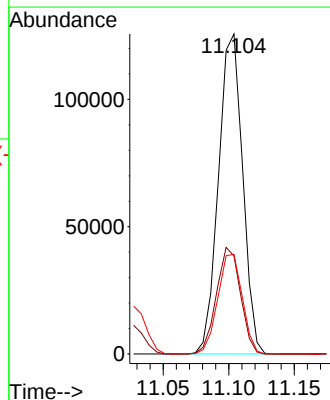
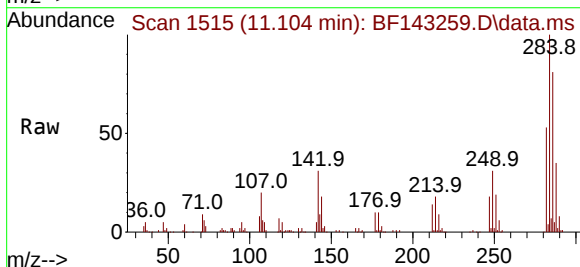
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

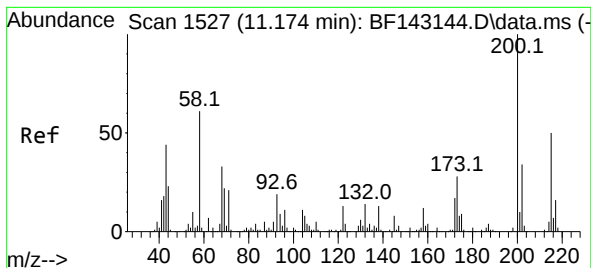
Tgt Ion:	248	Resp:	155079
Ion Ratio	Lower	Upper	
248	100		
250	97.3	78.3	117.5
141	76.7	59.2	88.8



#68
Hexachlorobenzene
Concen: 35.475 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:	284	Resp:	160784
Ion Ratio	Lower	Upper	
284	100		
142	30.6	27.0	40.6
249	31.2	25.0	37.6





#69

Atrazine

Concen: 37.277 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

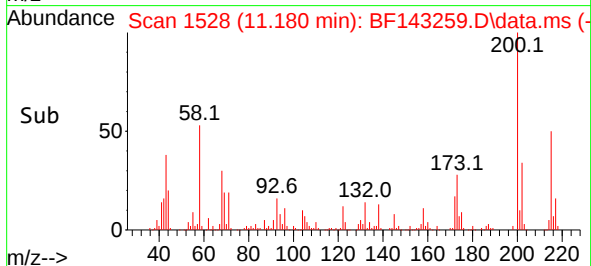
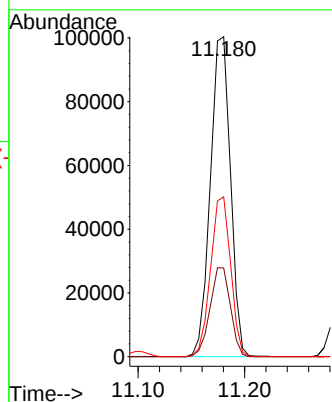
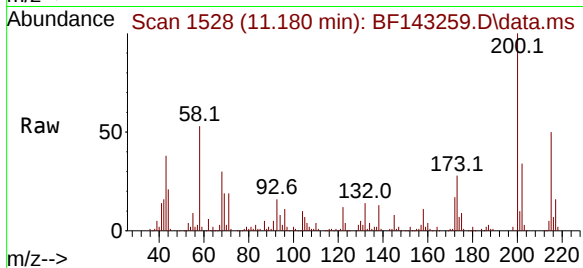
Tgt Ion:200 Resp: 131674

Ion Ratio Lower Upper

200 100

173 27.7 7.9 47.9

215 50.0 30.1 70.1



#70

Pentachlorophenol

Concen: 51.134 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

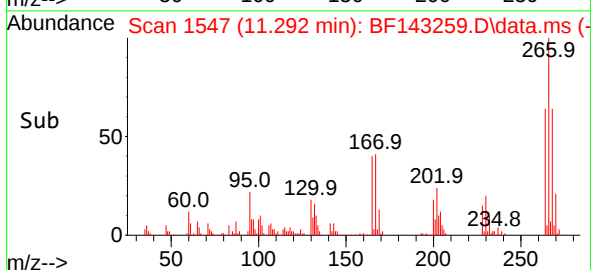
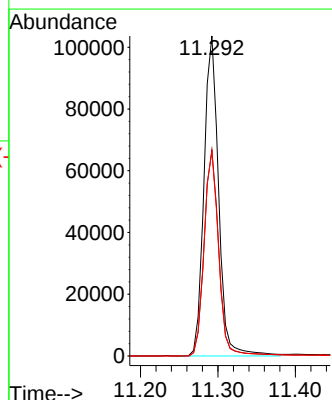
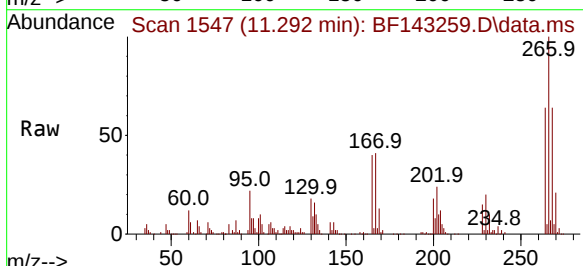
Tgt Ion:266 Resp: 136291

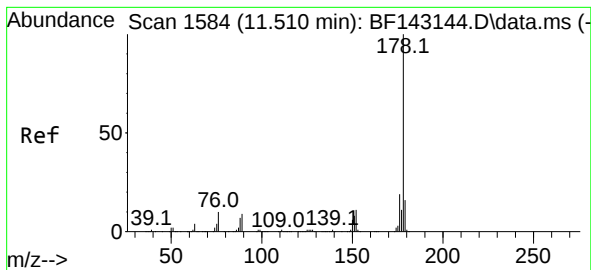
Ion Ratio Lower Upper

266 100

268 64.4 51.9 77.9

264 63.8 51.0 76.6





#71

Phenanthrene

Concen: 35.469 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

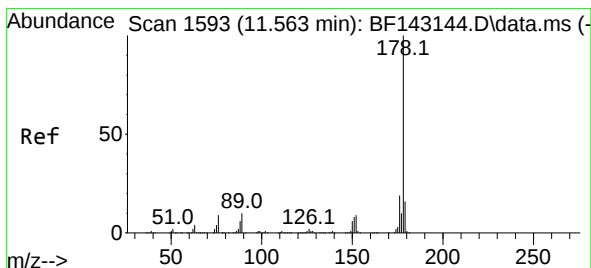
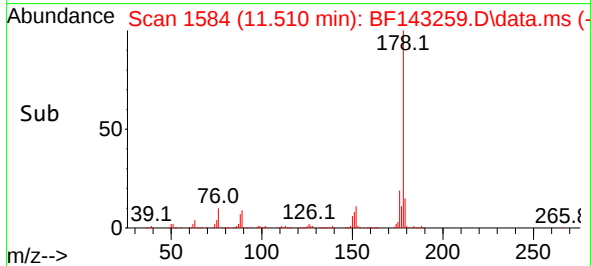
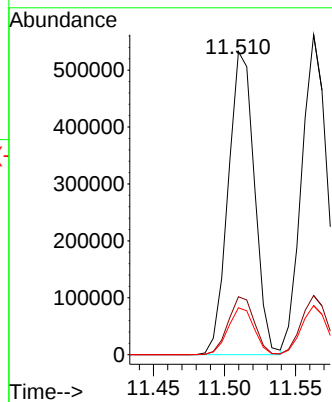
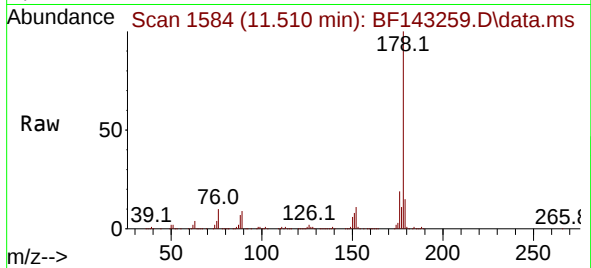
Tgt Ion:178 Resp: 685260

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 35.311 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

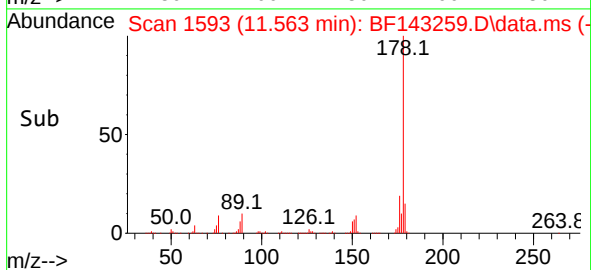
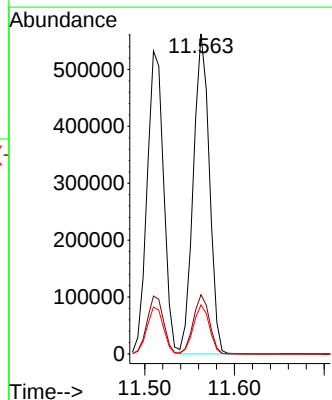
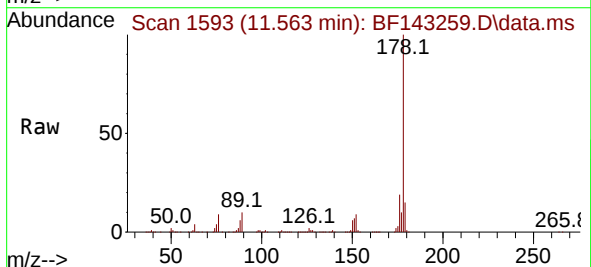
Tgt Ion:178 Resp: 695770

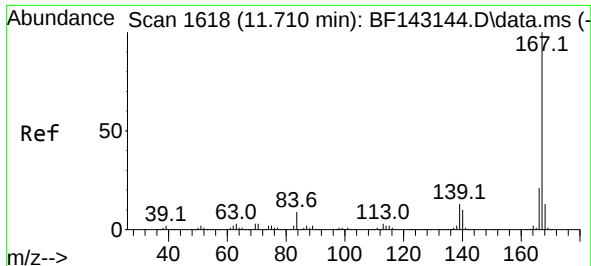
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.4 12.5 18.7

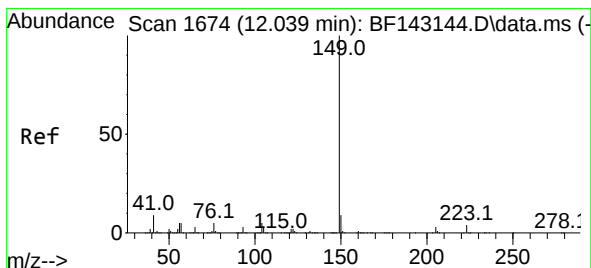
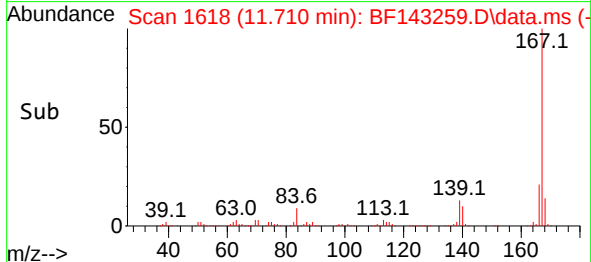
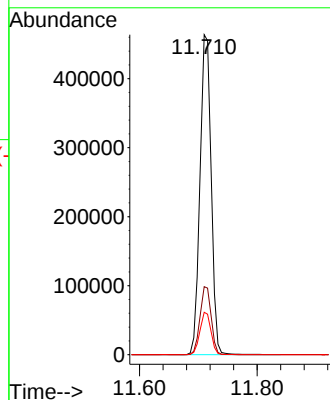
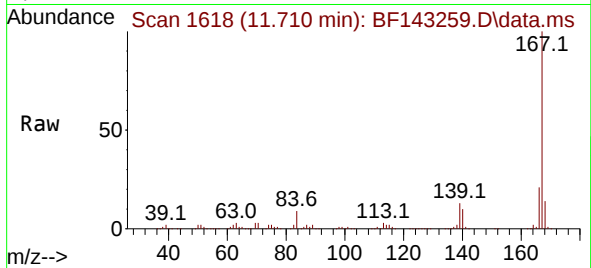




#73
 Carbazole
 Concen: 35.642 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143259.D
 Acq: 29 Jul 2025 16:34

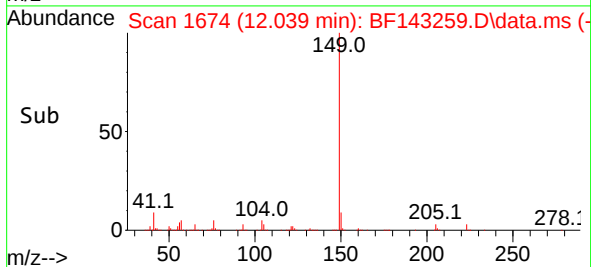
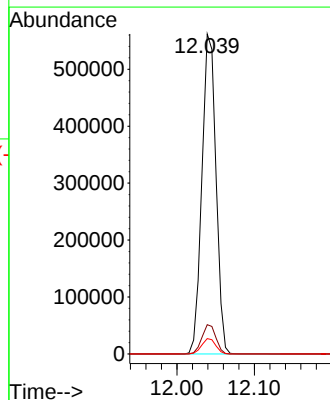
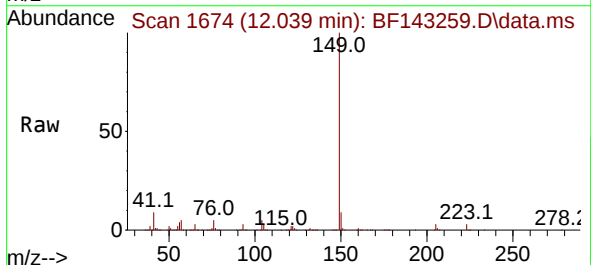
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

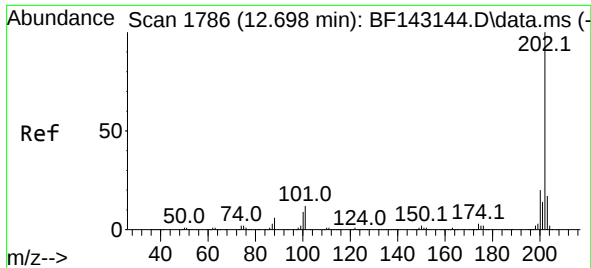
Tgt Ion:167 Resp: 613241
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 36.419 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143259.D
 Acq: 29 Jul 2025 16:34

Tgt Ion:149 Resp: 709016
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.8 3.8 5.8

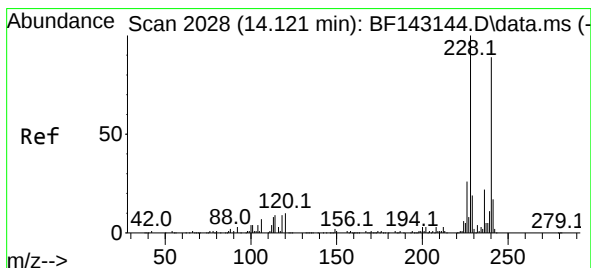
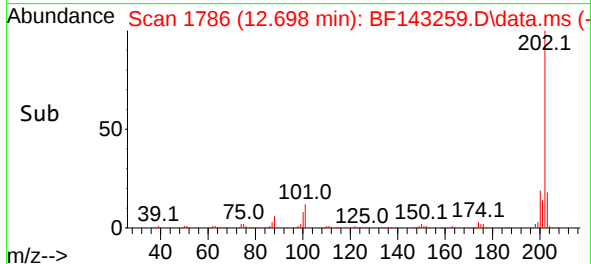
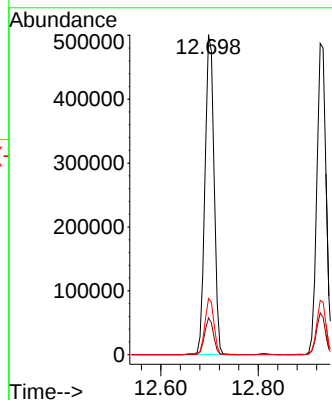
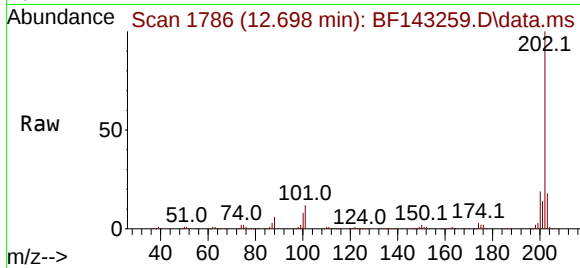




#75
Fluoranthene
Concen: 36.432 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

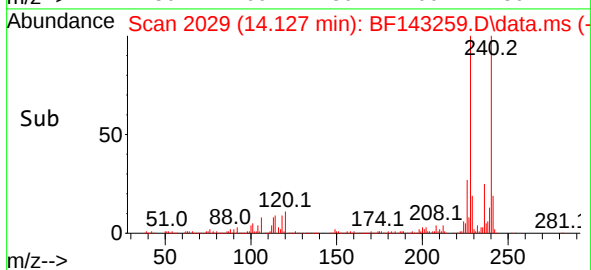
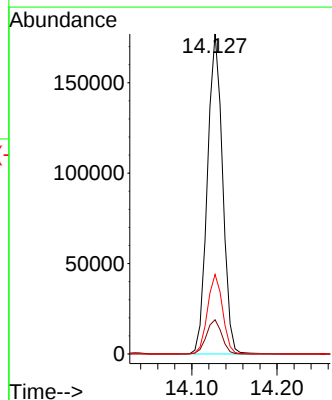
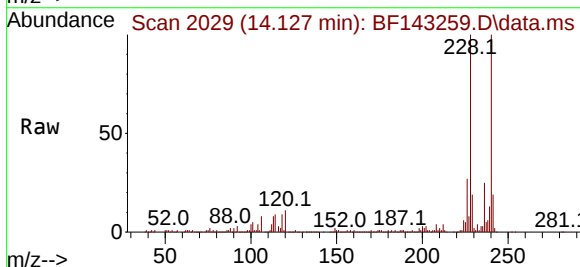
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

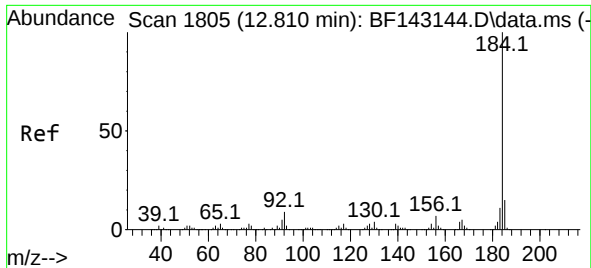
Tgt Ion:202 Resp: 646052
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.7
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:240 Resp: 218191
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 24.8 20.2 30.4

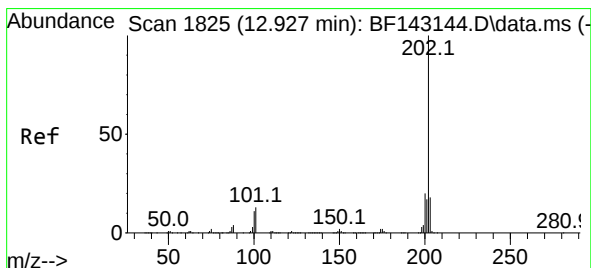
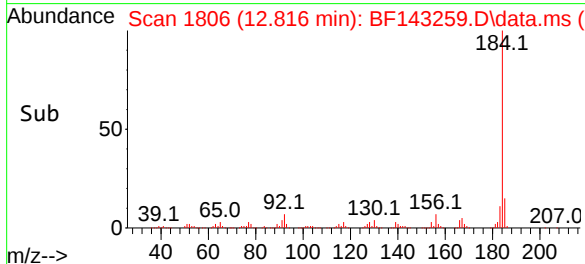
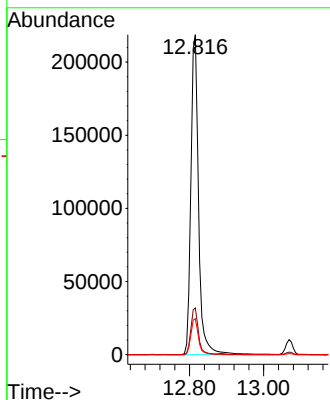
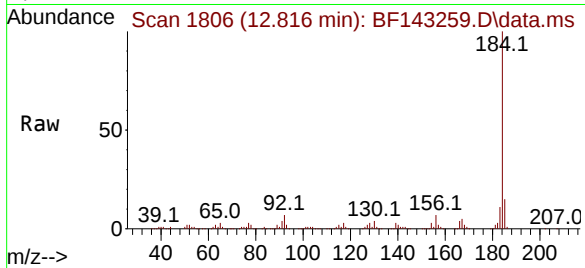




#77
Benzidine
Concen: 37.669 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

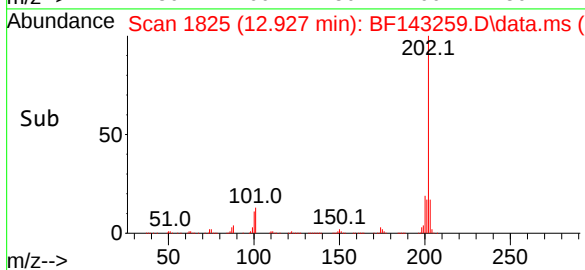
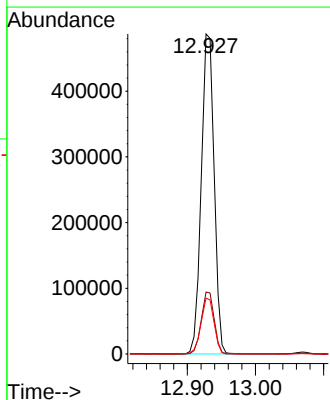
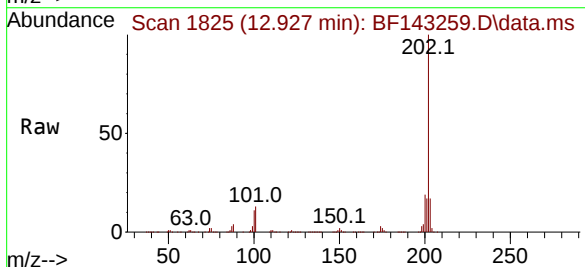
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 316659
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 34.366 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:202 Resp: 639944
Ion Ratio Lower Upper
202 100
200 19.4 15.7 23.5
203 17.5 14.2 21.2

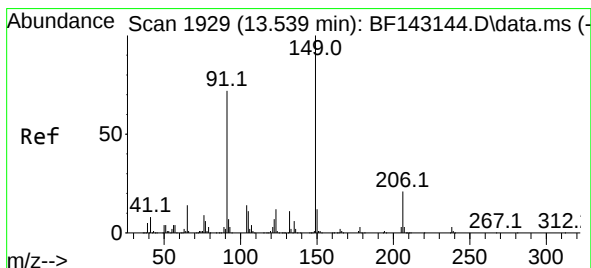
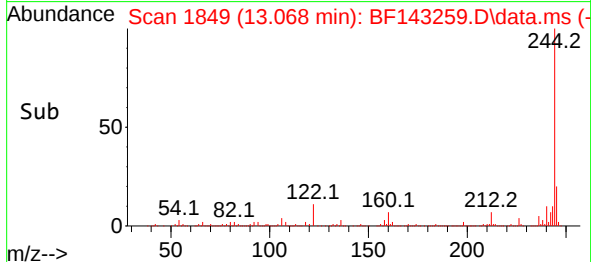
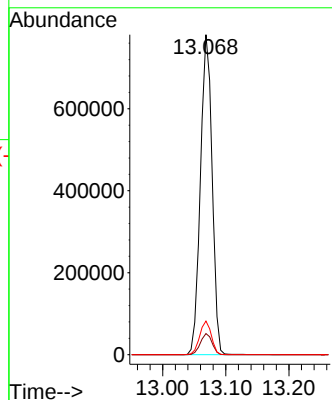
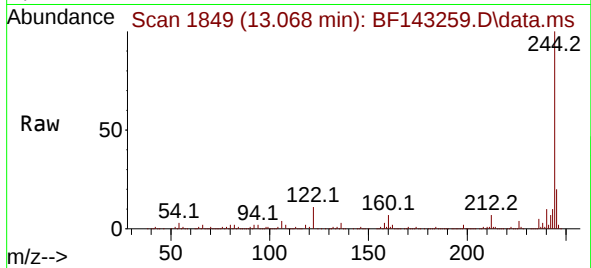




#79
 Terphenyl-d14
 Concen: 68.458 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143259.D
 Acq: 29 Jul 2025 16:34

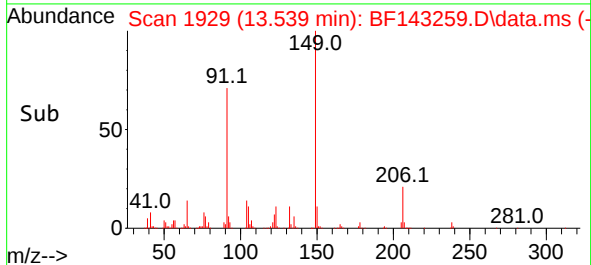
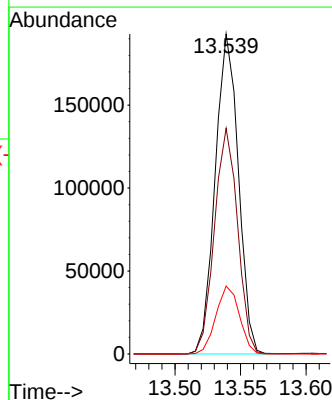
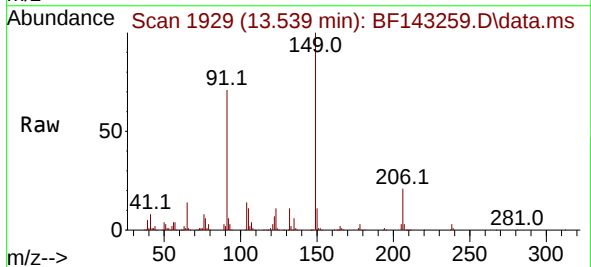
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

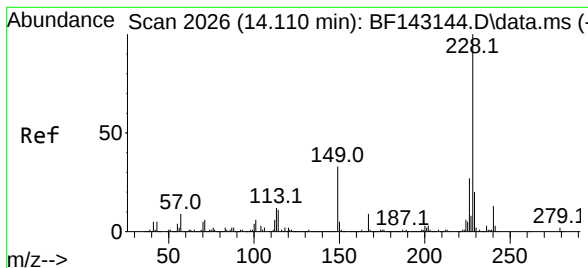
Tgt Ion:244 Resp: 1003746
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 41.596 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143259.D
 Acq: 29 Jul 2025 16:34

Tgt Ion:149 Resp: 237188
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.9 86.9
 206 21.2 17.0 25.4





#81

Benzo(a)anthracene

Concen: 35.052 ng

RT: 14.115 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

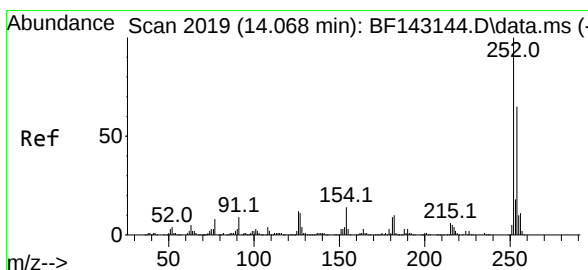
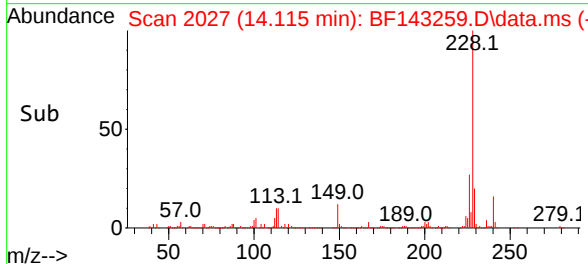
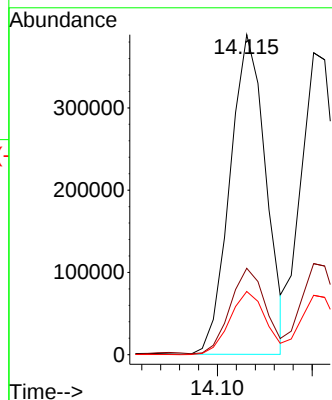
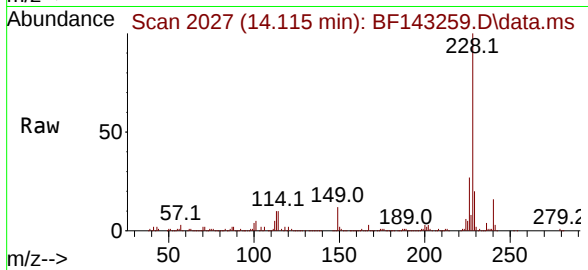
Tgt Ion:228 Resp: 512038

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 37.864 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

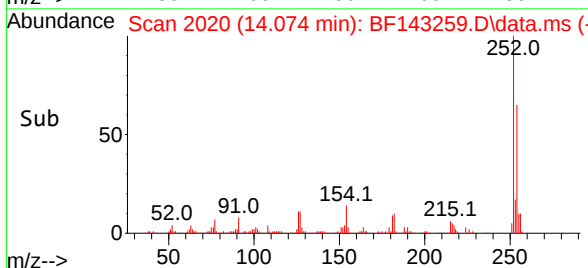
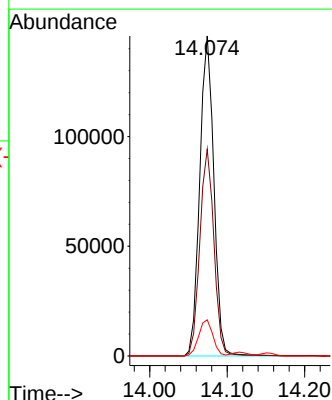
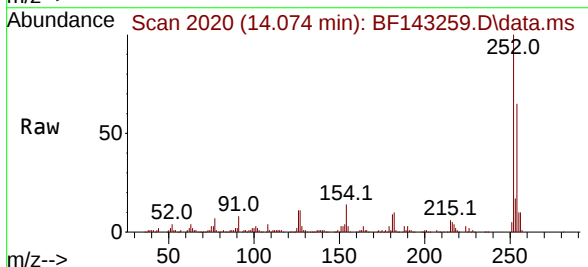
Tgt Ion:252 Resp: 184346

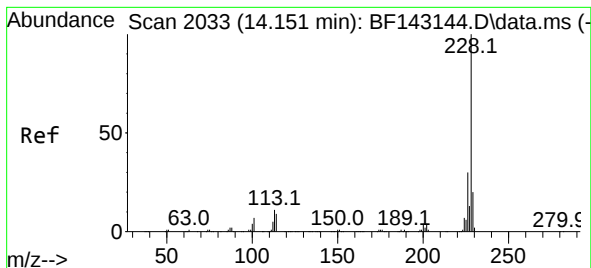
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 11.3 9.4 14.0





#83

Chrysene

Concen: 36.553 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

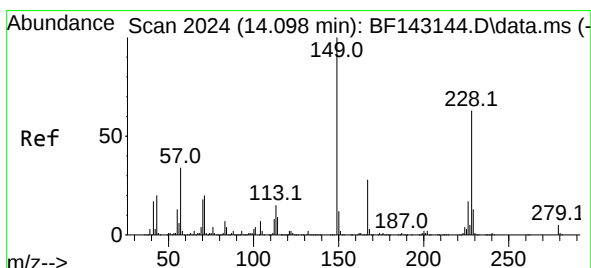
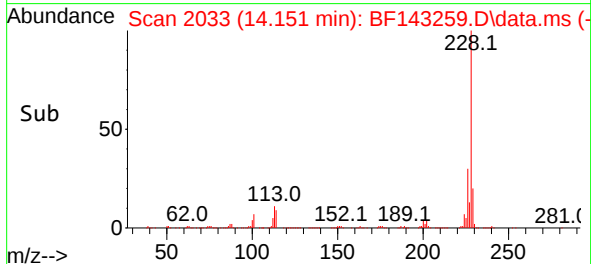
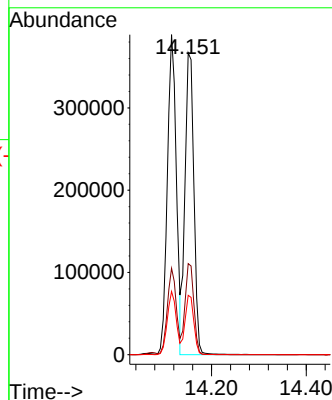
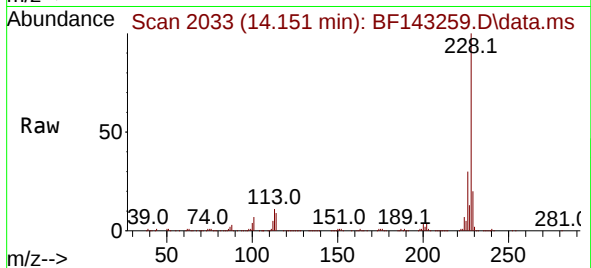
Tgt Ion:228 Resp: 480079

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.402 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143259.D

Acq: 29 Jul 2025 16:34

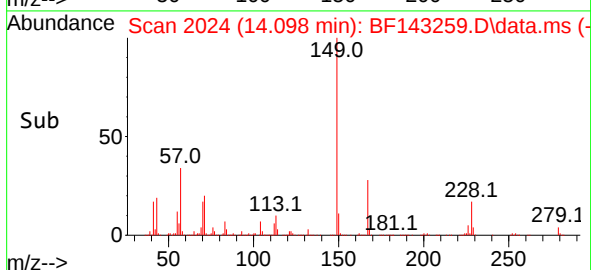
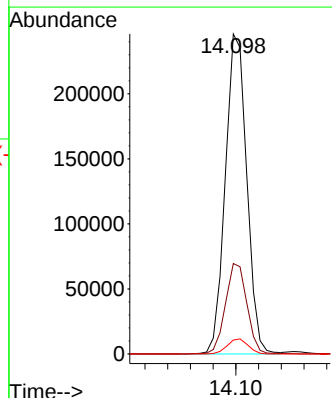
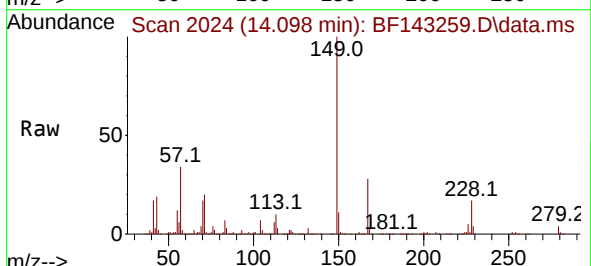
Tgt Ion:149 Resp: 322809

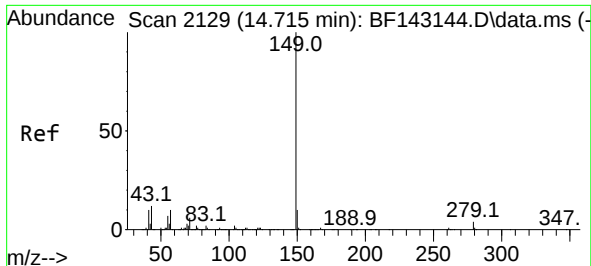
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.4 3.6 5.4

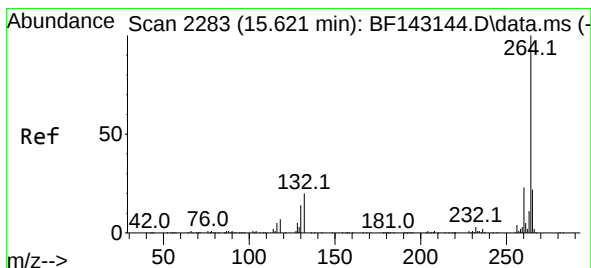
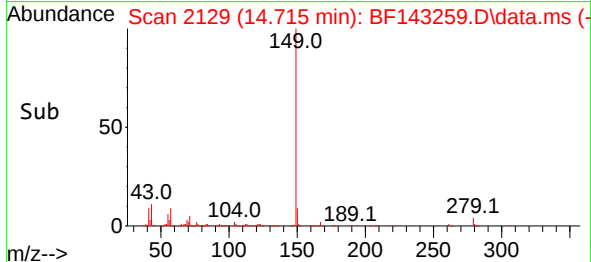
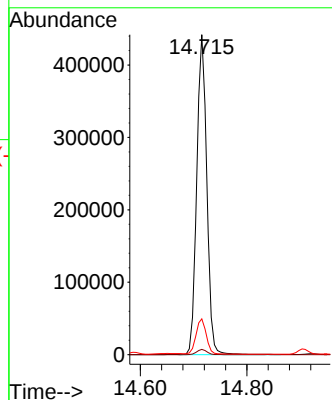
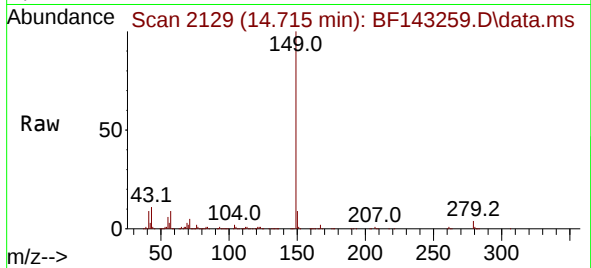




#85
Di-n-octyl phthalate
Concen: 36.928 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

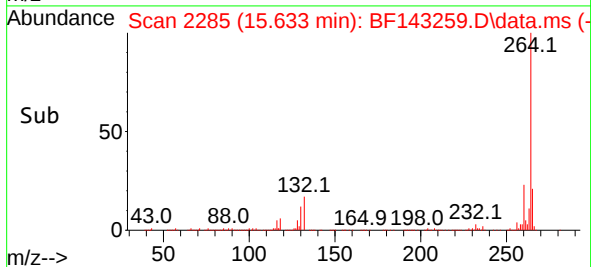
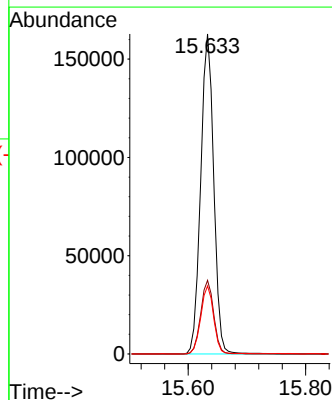
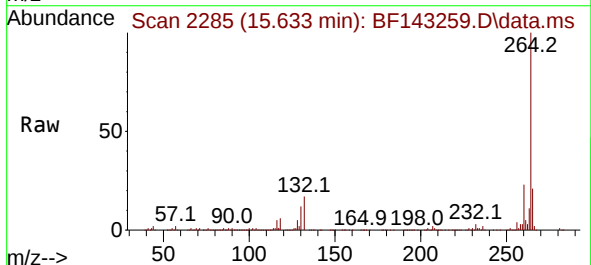
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

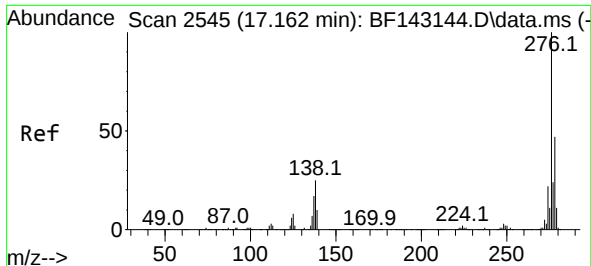
Tgt Ion:149 Resp: 577711
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 11.4 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:264 Resp: 250067
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.2 17.4 26.2

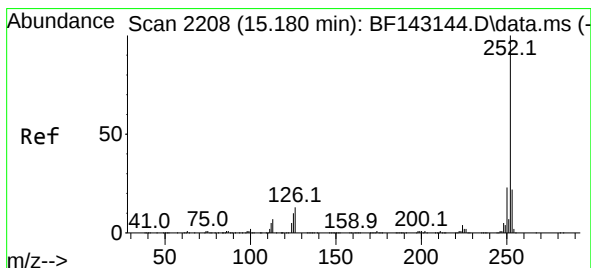
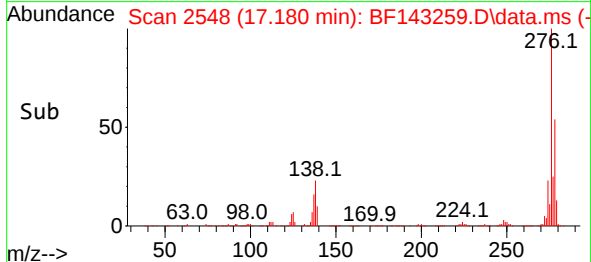
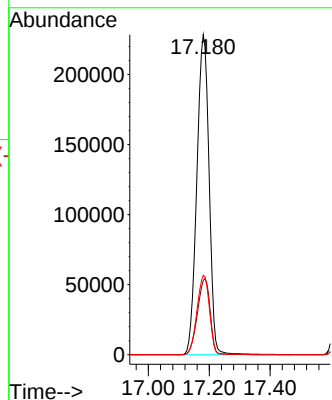
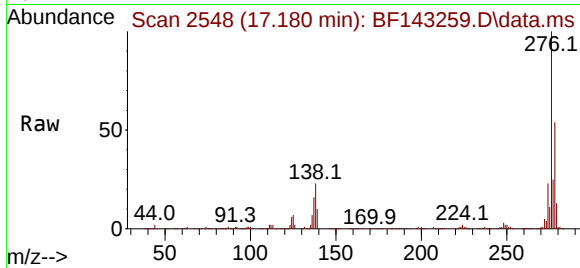




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.133 ng
RT: 17.180 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

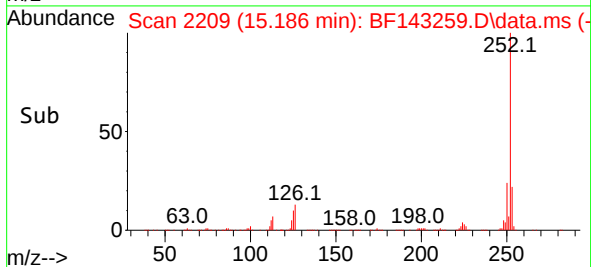
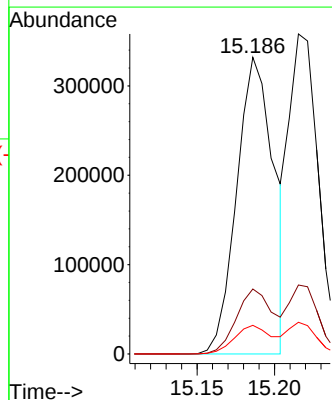
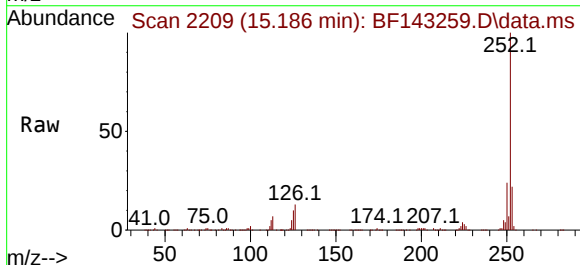
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

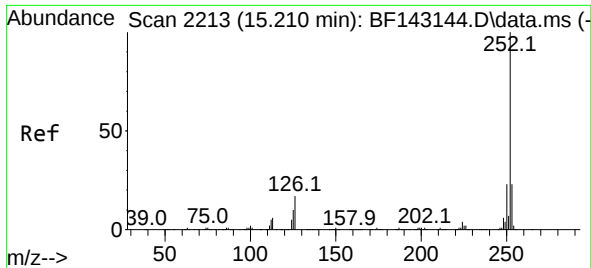
Tgt Ion:276 Resp: 637141
Ion Ratio Lower Upper
276 100
138 24.6 21.8 32.6
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 36.187 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:252 Resp: 552823
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.6 8.0 12.0

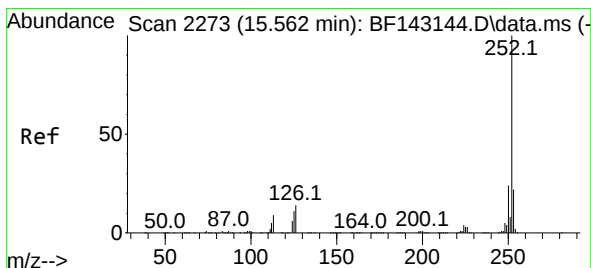
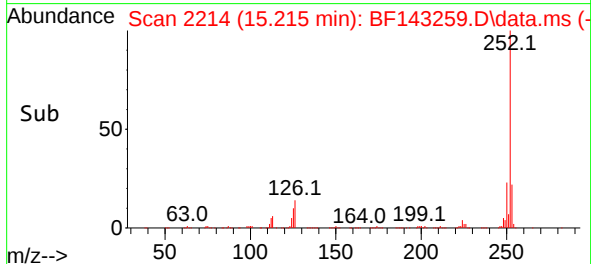
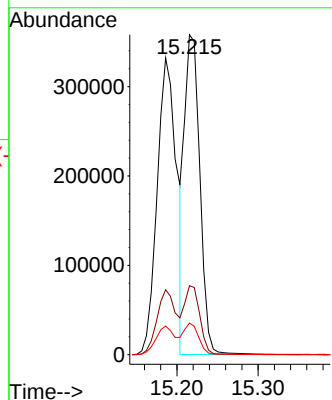
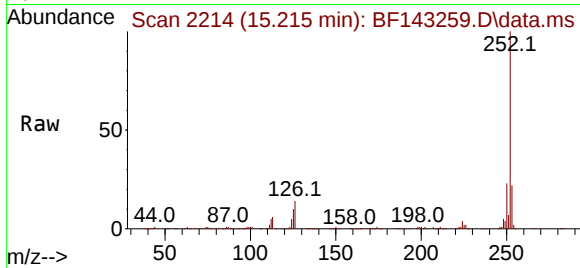




#89
Benzo(k)fluoranthene
Concen: 34.661 ng
RT: 15.215 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

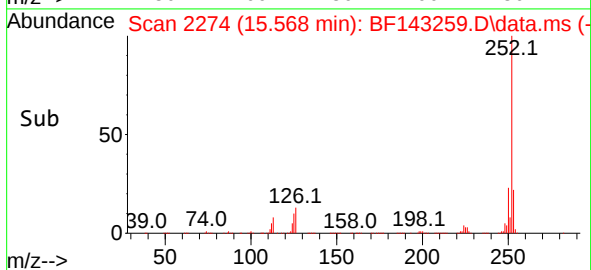
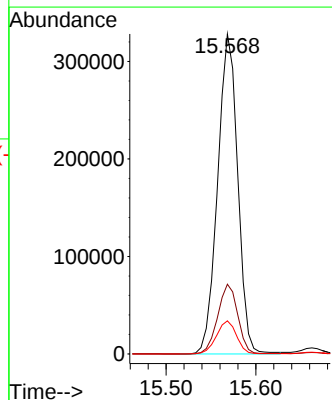
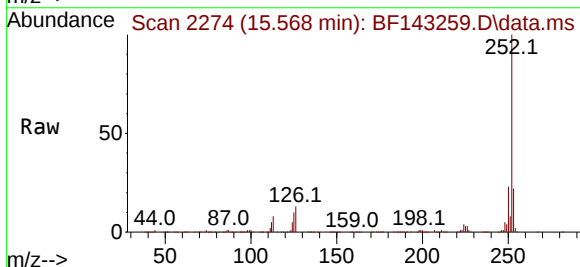
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

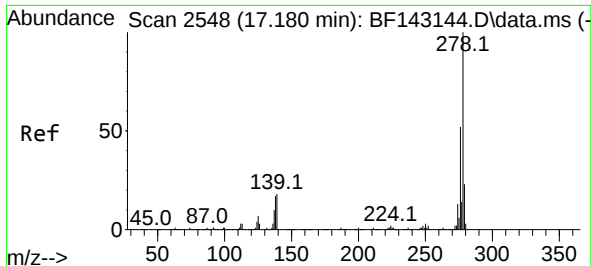
Tgt Ion:252 Resp: 472509
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 36.267 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:252 Resp: 510469
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.4 8.6 13.0

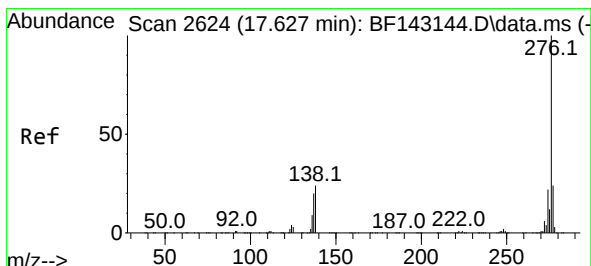
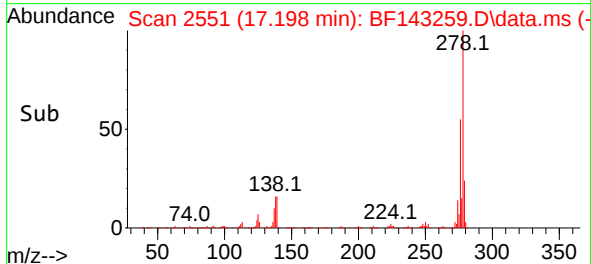
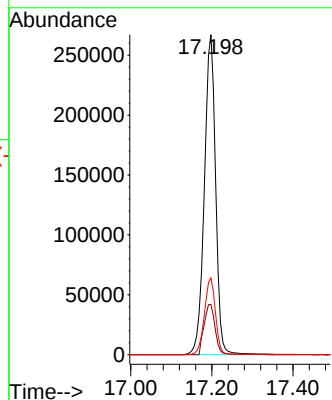
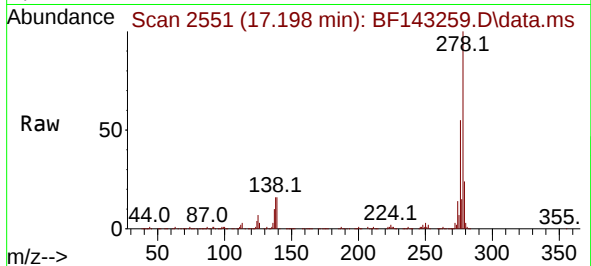




#91
Dibenzo(a,h)anthracene
Concen: 35.856 ng
RT: 17.198 min Scan# 2548
Delta R.T. 0.018 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 514607
Ion Ratio Lower Upper
278 100
139 15.7 14.1 21.1
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.612 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143259.D
Acq: 29 Jul 2025 16:34

Tgt Ion:276 Resp: 508302
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 21.8 18.9 28.3

