

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143984.D
 Acq On : 17 Oct 2025 14:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 17 15:41:04 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	6.887	152	156623	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	566623	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	278942	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	461614	20.000	ng	0.00
76) Chrysene-d12	14.069	240	286617	20.000	ng	0.00
86) Perylene-d12	15.551	264	311878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	801872	81.301	ng	0.00
7) Phenol-d6	6.510	99	914059	77.751	ng	0.00
23) Nitrobenzene-d5	7.451	82	767518	82.295	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	226809	81.635	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1286763	73.197	ng	0.00
79) Terphenyl-d14	13.004	244	1308721	78.038	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	182945	40.084	ng	97
3) Pyridine	3.405	79	548961	41.316	ng	97
4) n-Nitrosodimethylamine	3.363	42	278029	39.778	ng	95
6) Aniline	6.546	93	671999	38.146	ng	96
8) 2-Chlorophenol	6.669	128	391285	40.585	ng	99
9) Benzaldehyde	6.434	77	372156	41.037	ng	99
10) Phenol	6.528	94	573406	40.798	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	432796	39.863	ng	99
12) 1,3-Dichlorobenzene	6.828	146	447023	38.735	ng	100
13) 1,4-Dichlorobenzene	6.904	146	444550	39.051	ng	99
14) 1,2-Dichlorobenzene	7.051	146	428361	39.285	ng	99
15) Benzyl Alcohol	7.028	79	333987	37.917	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	942813	38.150	ng	100
17) 2-Methylphenol	7.134	107	300923	37.768	ng	99
18) Hexachloroethane	7.398	117	155589	40.983	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	258435	32.115	ng	99
20) 3+4-Methylphenols	7.287	107	327990	35.518	ng	92
22) Acetophenone	7.298	105	431324	36.001	ng	98
24) Nitrobenzene	7.469	77	429240	41.444	ng	98
25) Isophorone	7.704	82	704001	35.799	ng	100
26) 2-Nitrophenol	7.781	139	204473	46.048	ng	99
27) 2,4-Dimethylphenol	7.816	122	305369	38.230	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	443313	35.687	ng	99
29) 2,4-Dichlorophenol	8.022	162	314783	37.833	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	339080	41.438	ng	99
31) Naphthalene	8.193	128	967526	37.537	ng	99
32) Benzoic acid	7.934	122	203083	36.736	ng	96
33) 4-Chloroaniline	8.234	127	342115	35.390	ng	98
34) Hexachlorobutadiene	8.304	225	231323	40.682	ng	99
35) Caprolactam	8.610	113	92289	34.885	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	282692	35.371	ng	98
37) 2-Methylnaphthalene	8.881	142	615393	35.842	ng	99
38) 1-Methylnaphthalene	8.981	142	579247	34.781	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	318829	41.355	ng	97
41) Hexachlorocyclopentadiene	9.034	237	111331	34.808	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	222532	39.505	ng	97

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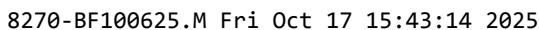
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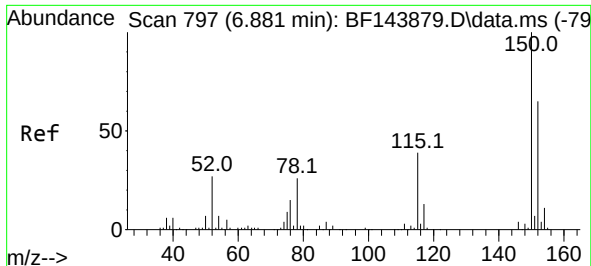
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	244412	41.058	ng	99
46) 1,1'-Biphenyl	9.345	154	706340	38.246	ng	98
47) 2-Chloronaphthalene	9.369	162	613272	39.827	ng	97
48) 2-Nitroaniline	9.463	65	206912	42.502	ng	99
49) Acenaphthylene	9.787	152	824641	38.094	ng	99
50) Dimethylphthalate	9.639	163	686911	38.778	ng	99
51) 2,6-Dinitrotoluene	9.704	165	150191	45.724	ng	96
52) Acenaphthene	9.957	154	546398	38.520	ng	100
53) 3-Nitroaniline	9.875	138	168048	41.782	ng	97
54) 2,4-Dinitrophenol	9.986	184	69751	38.380	ng	93
55) Dibenzofuran	10.134	168	768388	38.374	ng	97
56) 4-Nitrophenol	10.034	139	115766	38.015	ng	97
57) 2,4-Dinitrotoluene	10.110	165	196974	44.073	ng	97
58) Fluorene	10.475	166	572032	37.860	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	165942	39.380	ng	# 96
60) Diethylphthalate	10.345	149	625668	38.019	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	310943	38.926	ng	100
62) 4-Nitroaniline	10.492	138	156780	40.536	ng	94
63) Azobenzene	10.628	77	667677	38.820	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	110141	47.480	ng	97
66) n-Nitrosodiphenylamine	10.586	169	568648	39.233	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	205930	40.366	ng	98
68) Hexachlorobenzene	11.022	284	239195	40.500	ng	99
69) Atrazine	11.110	200	169754	38.641	ng	97
70) Pentachlorophenol	11.222	266	127614	37.622	ng	97
71) Phenanthrene	11.439	178	864978	38.651	ng	100
72) Anthracene	11.492	178	872658	38.599	ng	99
73) Carbazole	11.645	167	762337	38.072	ng	99
74) Di-n-butylphthalate	11.975	149	930145	40.081	ng	99
75) Fluoranthene	12.633	202	891783	38.579	ng	99
77) Benzidine	12.757	184	328763	33.035	ng	98
78) Pyrene	12.863	202	908439	38.018	ng	99
80) Butylbenzylphthalate	13.480	149	333959	43.034	ng	98
81) Benzo(a)anthracene	14.057	228	756604	40.339	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	240929	42.150	ng	98
83) Chrysene	14.092	228	701361	40.402	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	433781	46.371	ng	99
85) Di-n-octyl phthalate	14.657	149	754279	49.093	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	849811	44.469	ng	99
88) Benzo(b)fluoranthene	15.116	252	702798	39.229	ng	99
89) Benzo(k)fluoranthene	15.145	252	657259	39.648	ng	99
90) Benzo(a)pyrene	15.486	252	628775	40.477	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	673892	43.846	ng	98
92) Benzo(g,h,i)perylene	17.515	276	674970	43.916	ng	99

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

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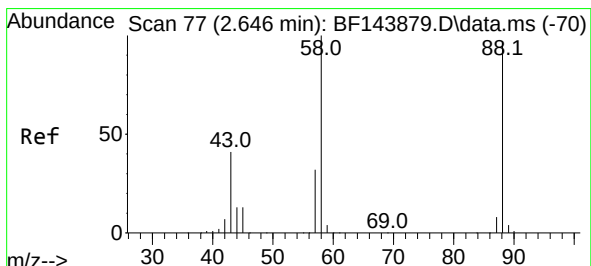
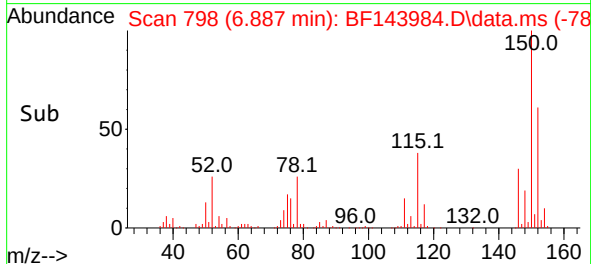
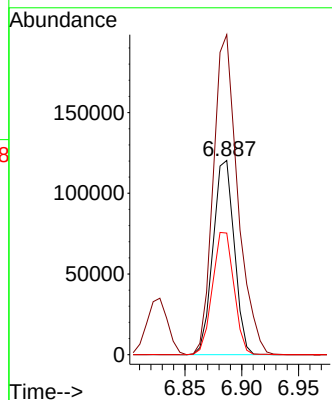
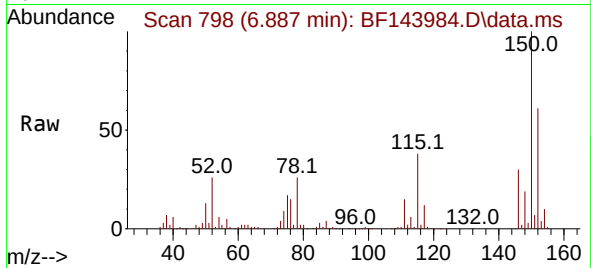




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

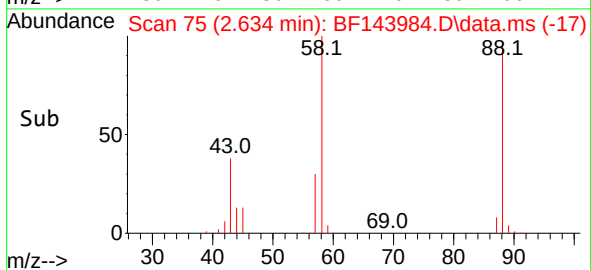
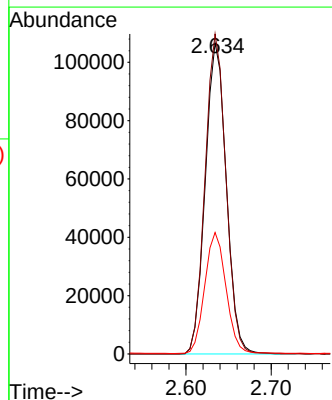
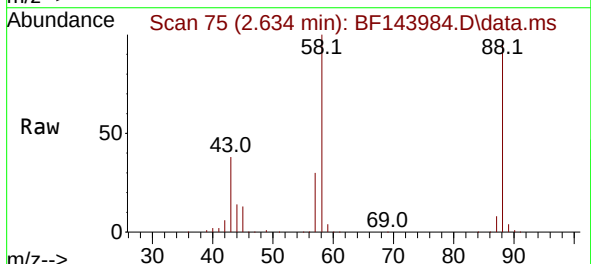
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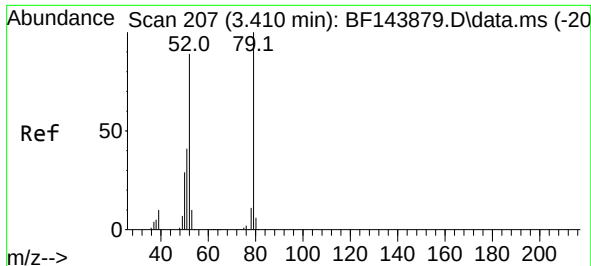
Tgt Ion:152 Resp: 156623
 Ion Ratio Lower Upper
 152 100
 150 164.8 124.4 186.6
 115 62.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 40.084 ng
 RT: 2.634 min Scan# 75
 Delta R.T. -0.012 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

Tgt Ion: 88 Resp: 182945
 Ion Ratio Lower Upper
 88 100
 58 102.0 83.0 124.6
 43 39.3 33.9 50.9

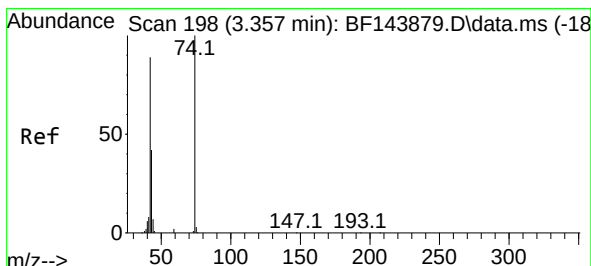
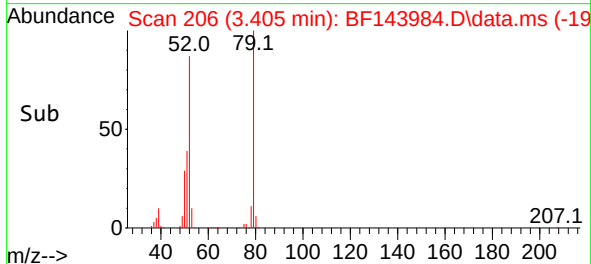
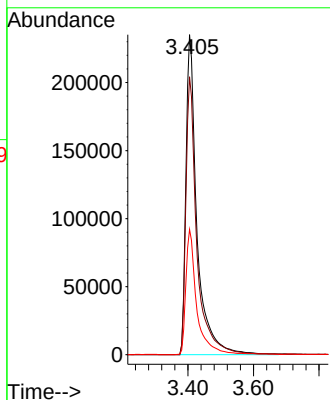
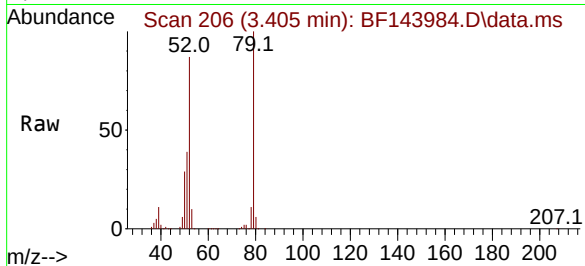




#3
 Pyridine
 Concen: 41.316 ng
 RT: 3.405 min Scan# 207
 Delta R.T. -0.012 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

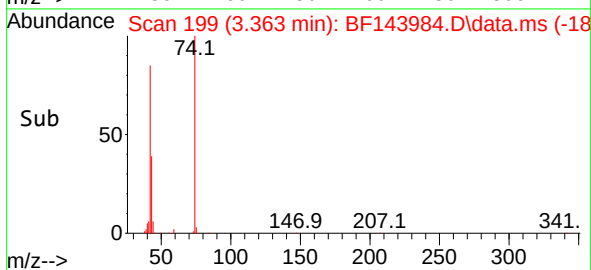
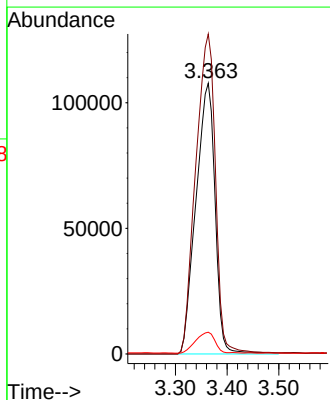
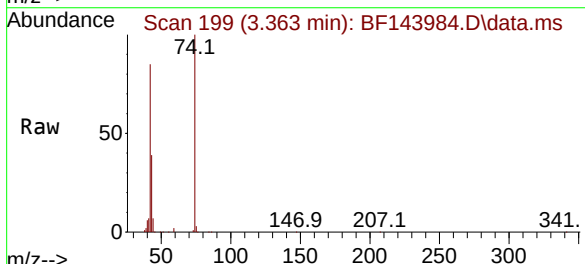
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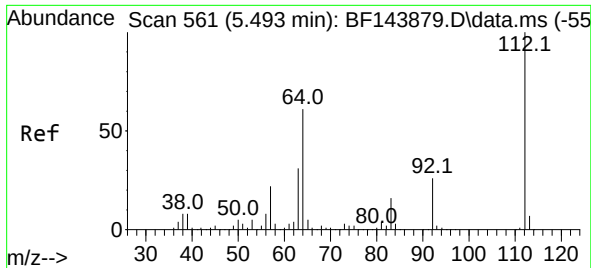
Tgt Ion: 79 Resp: 548961
 Ion Ratio Lower Upper
 79 100
 52 86.9 71.5 107.3
 51 39.1 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 39.778 ng
 RT: 3.363 min Scan# 199
 Delta R.T. -0.023 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

Tgt Ion: 42 Resp: 278029
 Ion Ratio Lower Upper
 42 100
 74 118.2 90.0 135.0
 44 8.0 6.2 9.2

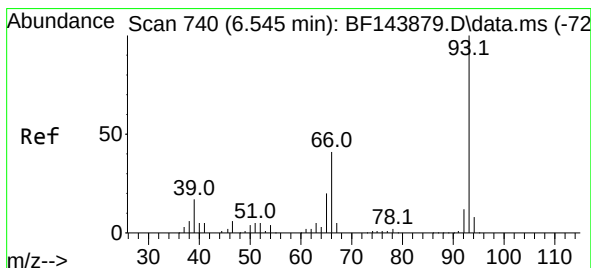
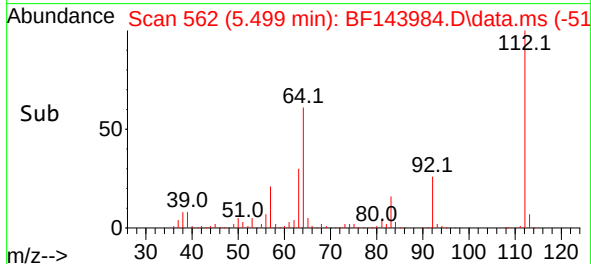
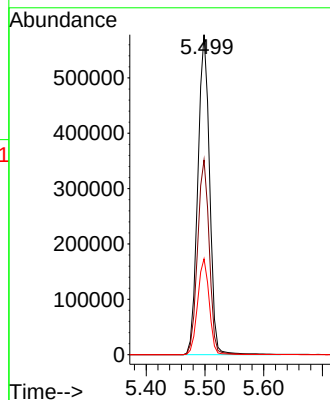
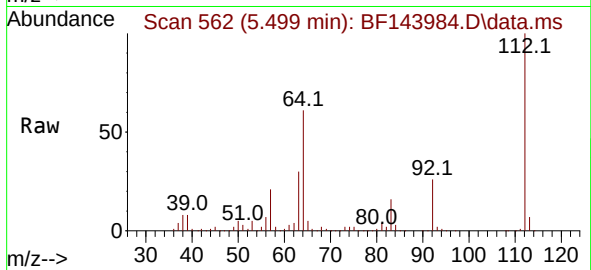




#5
2-Fluorophenol
Concen: 81.301 ng
RT: 5.499 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

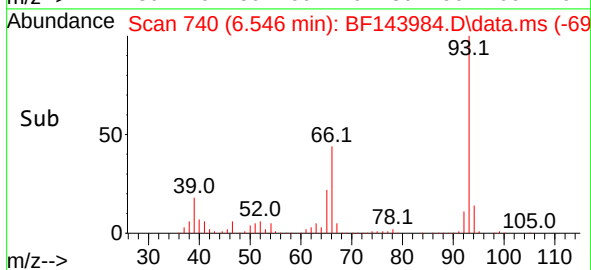
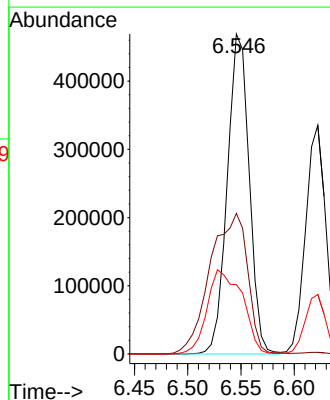
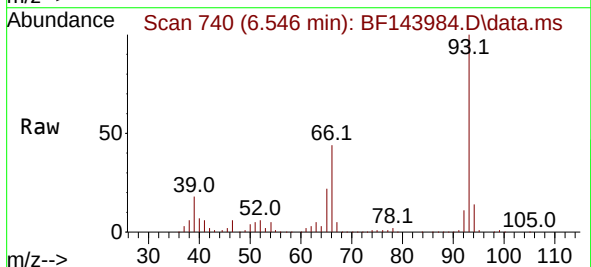
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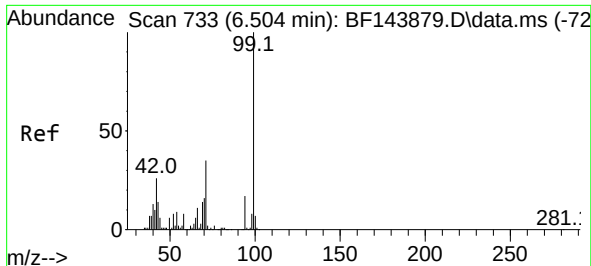
Tgt Ion:112 Resp: 801872
Ion Ratio Lower Upper
112 100
64 60.8 49.1 73.7
63 30.0 24.5 36.7



#6
Aniline
Concen: 38.146 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 93 Resp: 671999
Ion Ratio Lower Upper
93 100
66 43.9 33.0 49.6
65 21.7 15.8 23.8

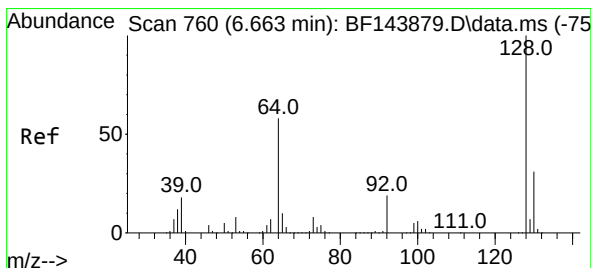
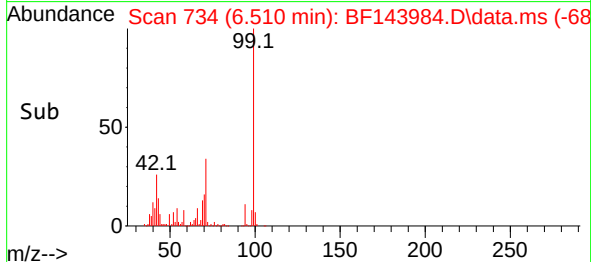
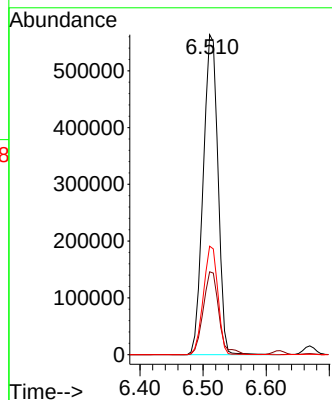
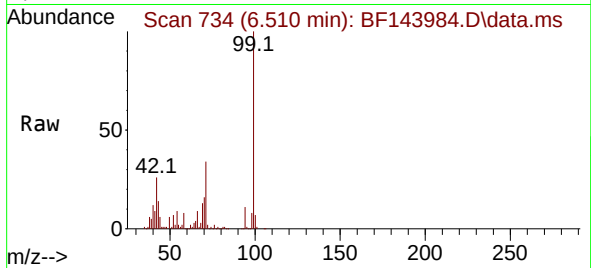




#7
Phenol-d6
Concen: 77.751 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

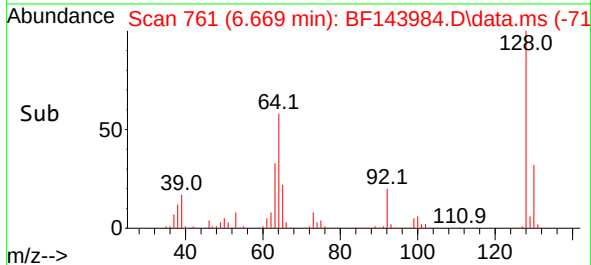
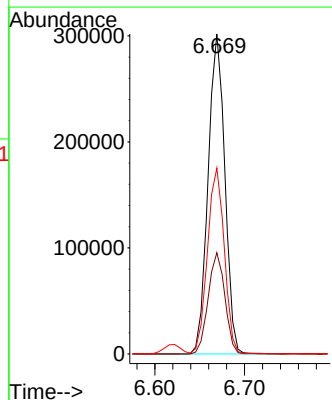
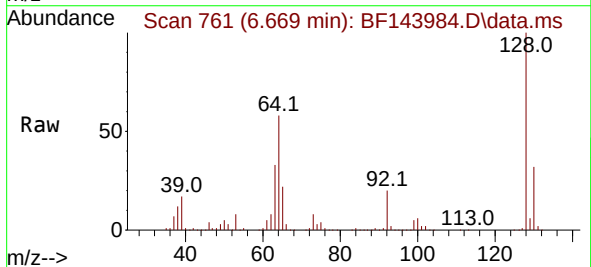
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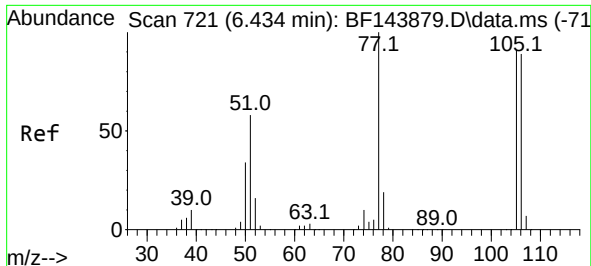
Tgt Ion: 99 Resp: 914059
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 33.9 27.8 41.8



#8
2-Chlorophenol
Concen: 40.585 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143984.D
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Tgt Ion:128 Resp: 391285
Ion Ratio Lower Upper
128 100
130 31.6 10.7 50.7
64 58.1 39.0 79.0

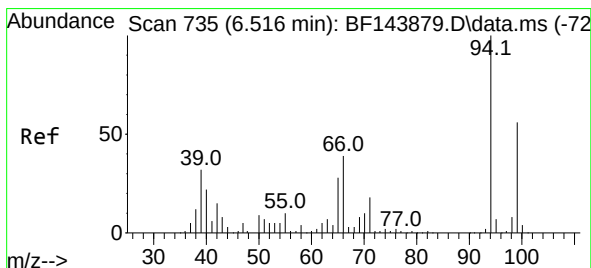
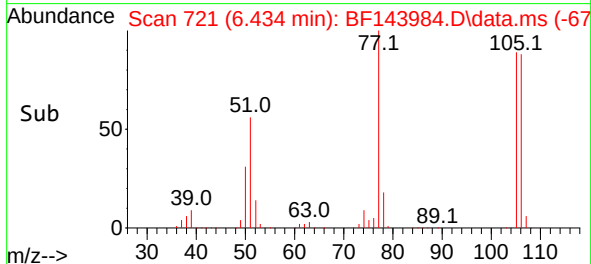
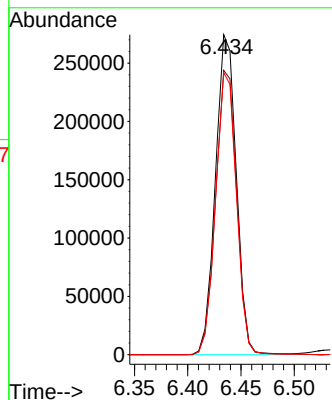
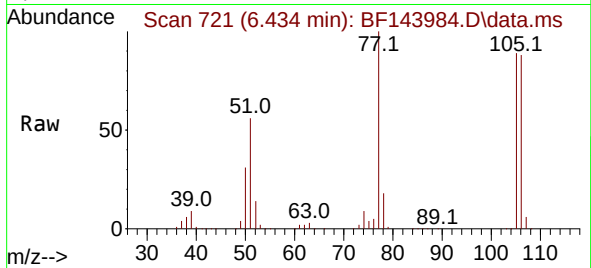




#9
Benzaldehyde
Concen: 41.037 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

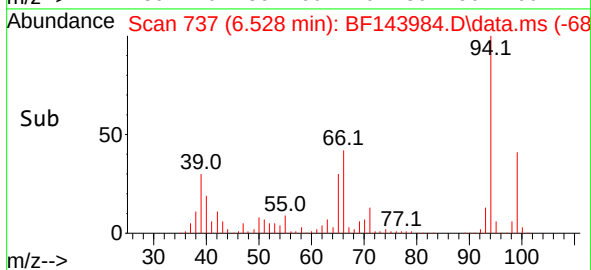
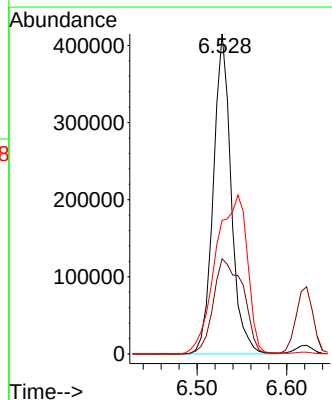
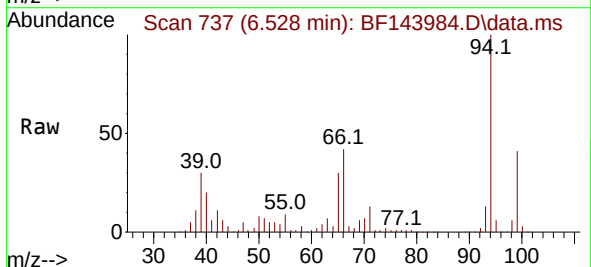
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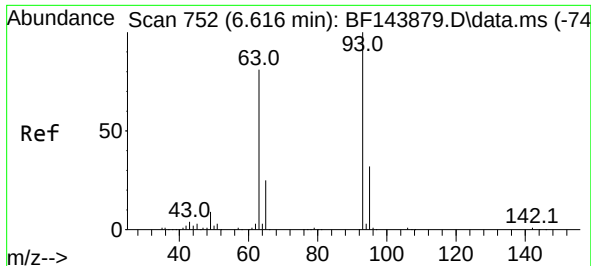
Tgt Ion: 77 Resp: 372156
Ion Ratio Lower Upper
77 100
105 88.9 70.9 110.9
106 88.2 68.9 108.9



#10
Phenol
Concen: 40.798 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 573406
Ion Ratio Lower Upper
94 100
65 29.8 8.5 48.5
66 41.8 19.9 59.9

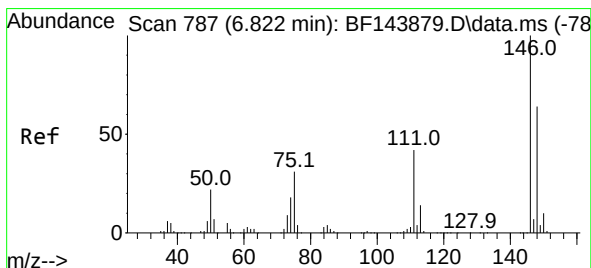
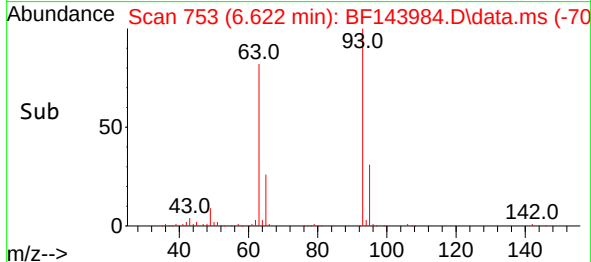
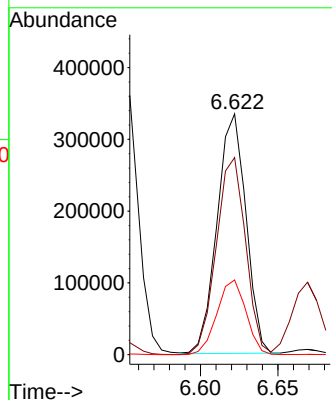
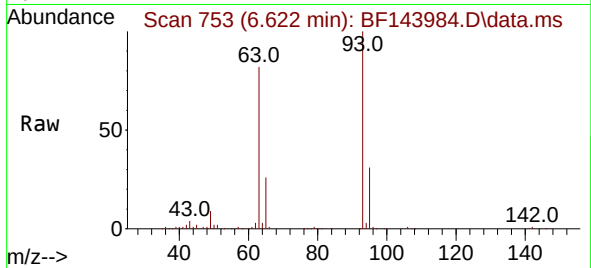




#11
bis(2-Chloroethyl)ether
Concen: 39.863 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

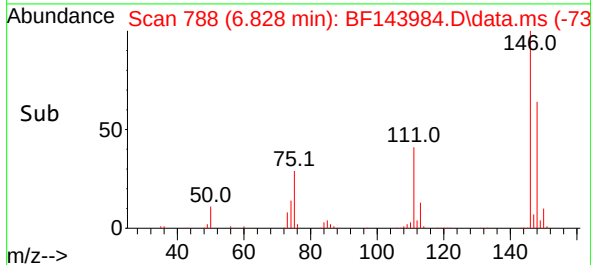
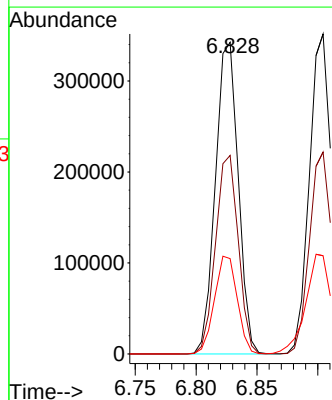
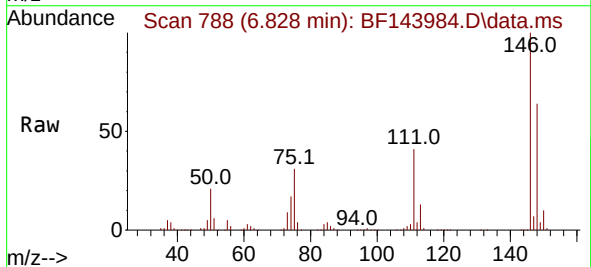
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

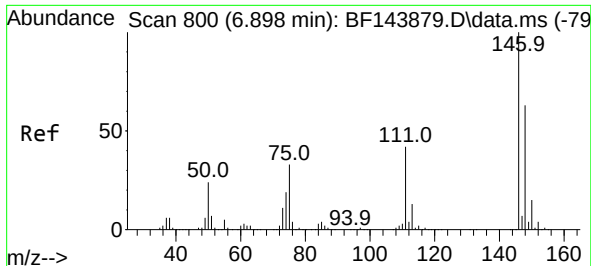
Tgt Ion: 93 Resp: 432796
Ion Ratio Lower Upper
93 100
63 81.9 60.9 100.9
95 31.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.735 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:146 Resp: 447023
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 39.051 ng

RT: 6.904 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

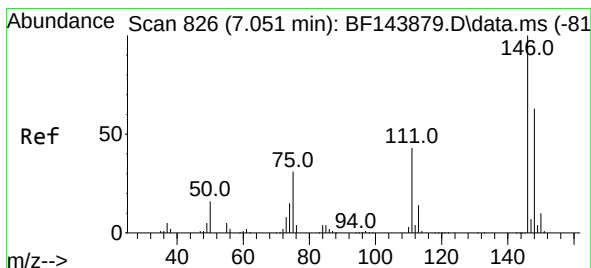
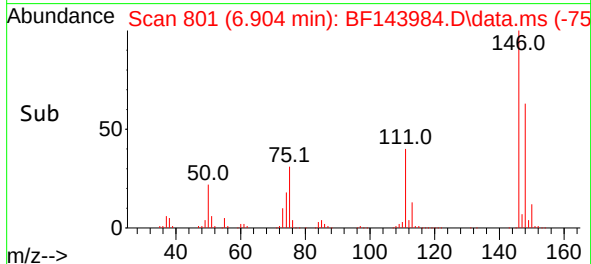
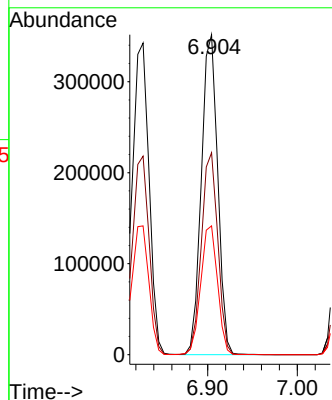
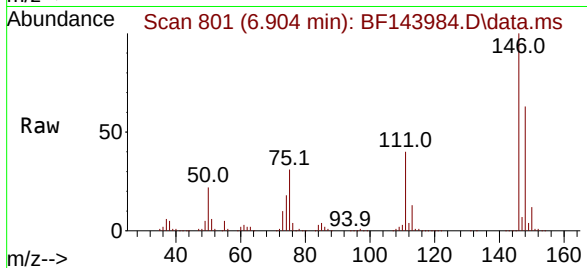
Tgt Ion:146 Resp: 444550

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 40.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 39.285 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

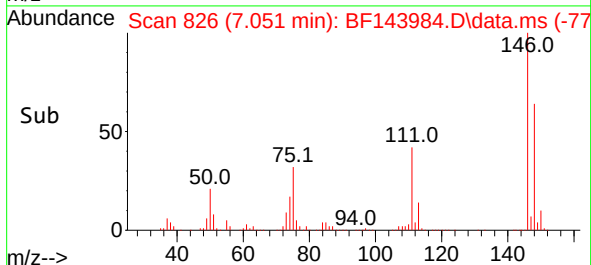
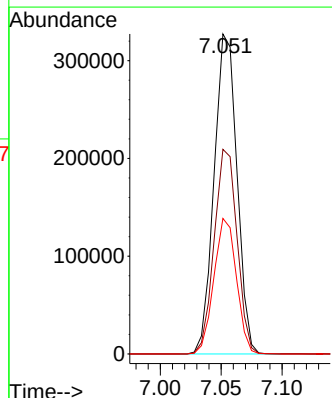
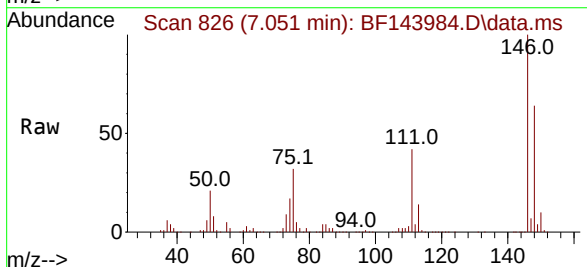
Tgt Ion:146 Resp: 428361

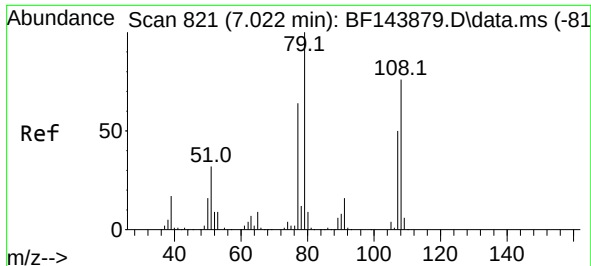
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

111 42.3 34.6 51.8

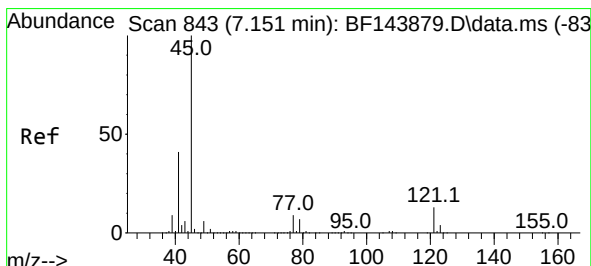
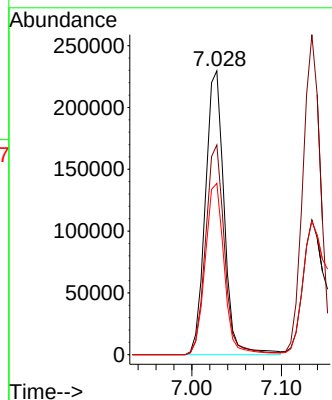
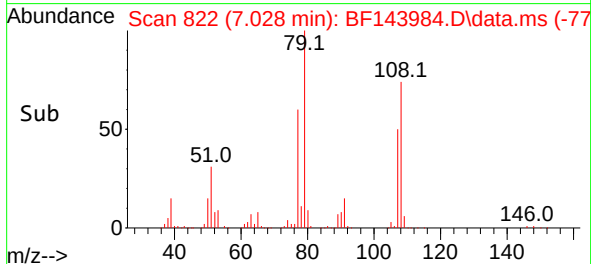
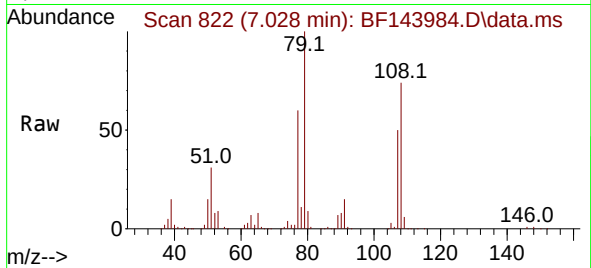




#15
Benzyl Alcohol
Concen: 37.917 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

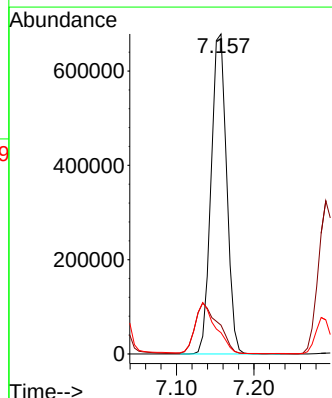
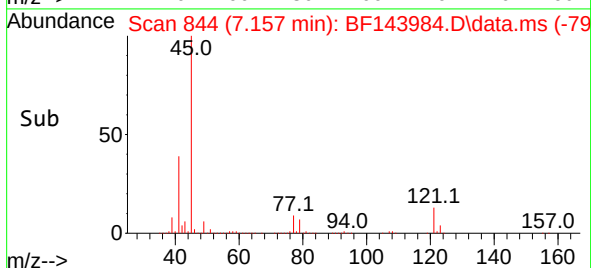
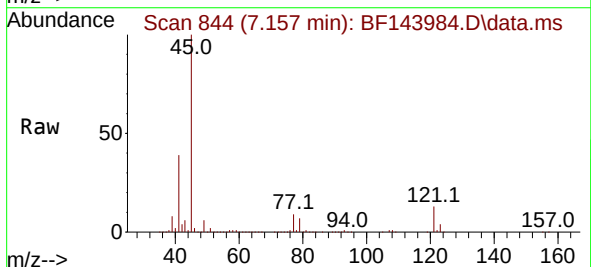
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

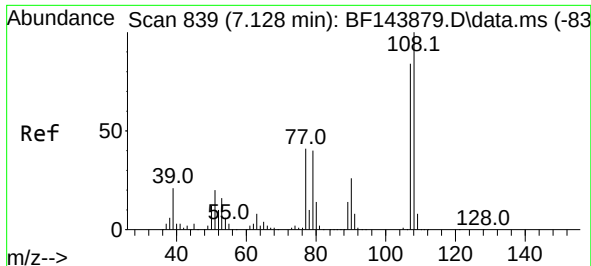
Tgt Ion: 79 Resp: 333987
Ion Ratio Lower Upper
79 100
108 73.9 60.8 91.2
77 60.4 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.150 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 45 Resp: 942813
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.7 0.0 26.8

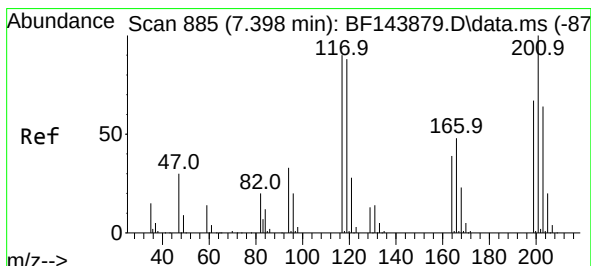
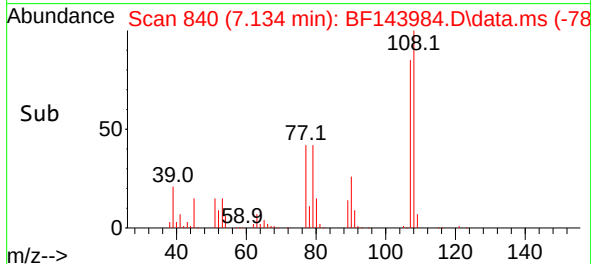
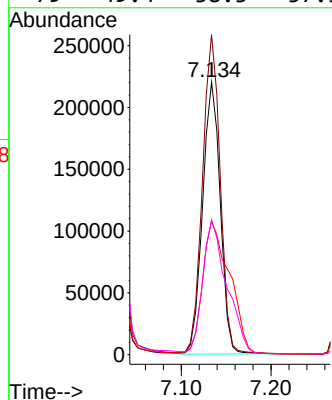
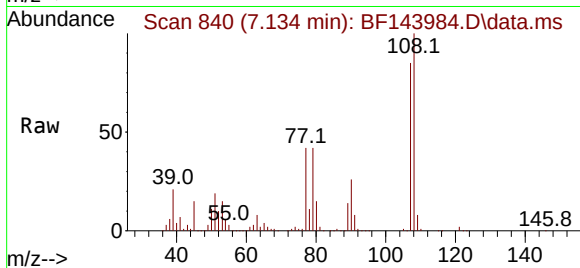




#17
2-Methylphenol
Concen: 37.768 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

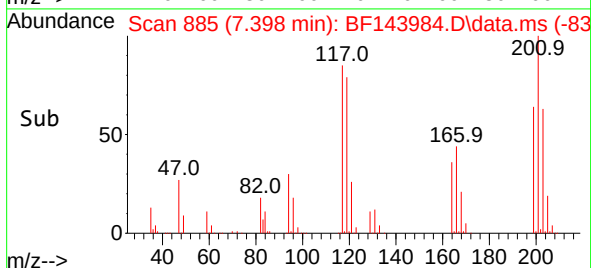
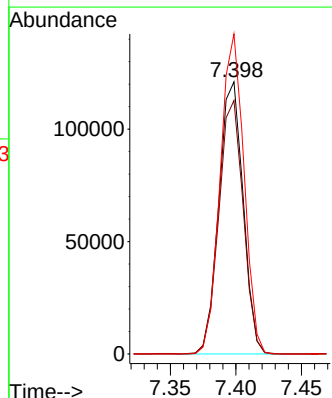
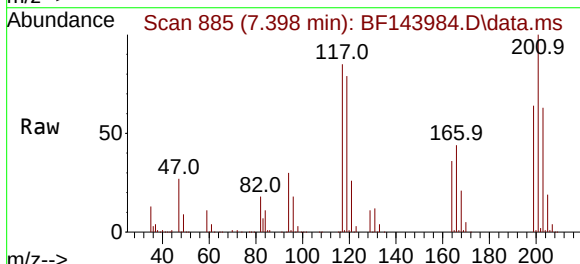
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

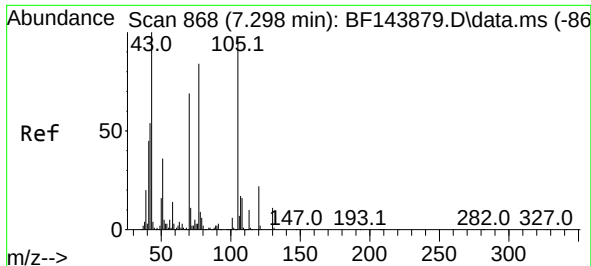
Tgt Ion:	107	Resp:	300923
Ion	Ratio	Lower	Upper
107	100		
108	117.3	94.7	142.1
77	49.0	38.8	58.2
79	49.4	38.3	57.5



#18
Hexachloroethane
Concen: 40.983 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:	117	Resp:	155589
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	117.6	88.5	132.7



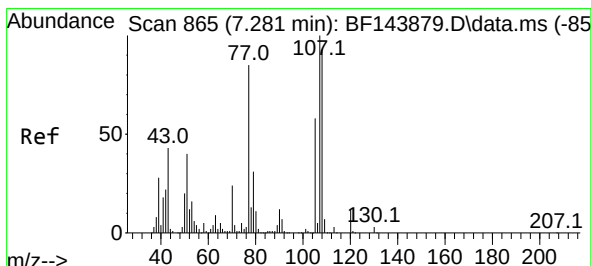
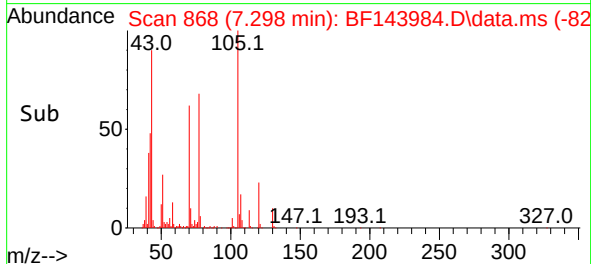
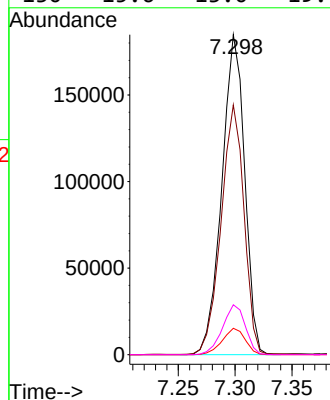
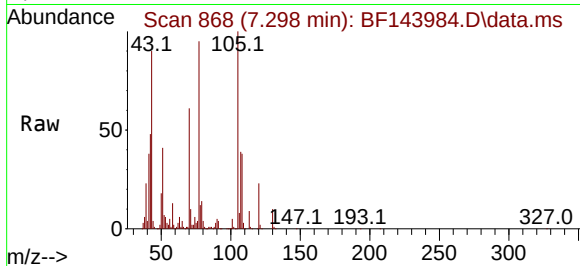


#19
n-Nitroso-di-n-propylamine
Concen: 32.115 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 258435

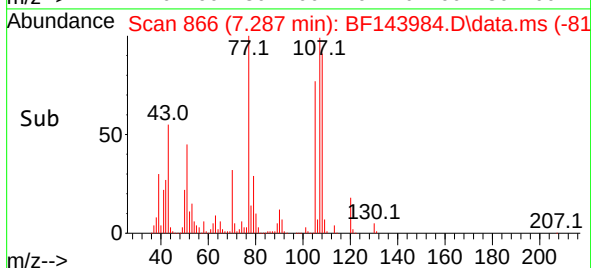
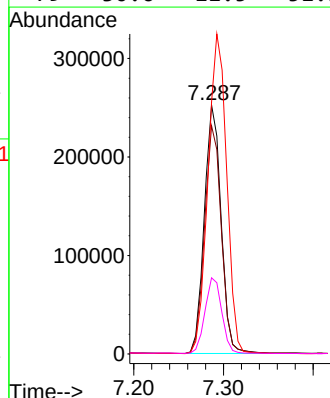
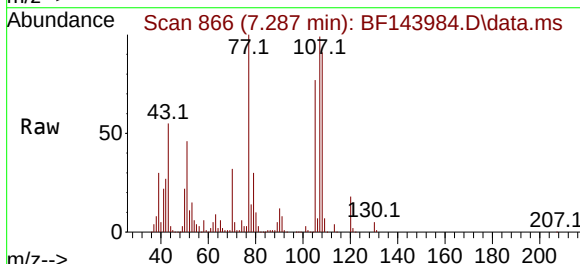
Ion	Ratio	Lower	Upper
70	100		
42	78.0	62.8	94.2
101	8.2	6.7	10.1
130	15.6	13.0	19.4

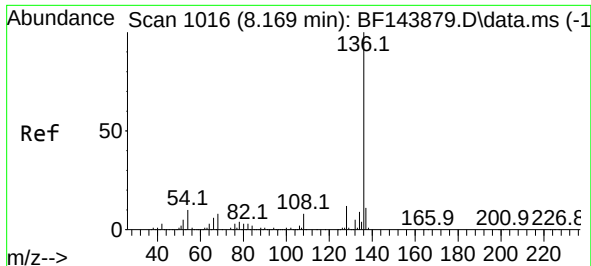


#20
3+4-Methylphenols
Concen: 35.518 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 107 Resp: 327990

Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.0	113.0
77	101.1	64.6	104.6
79	30.6	11.5	51.5



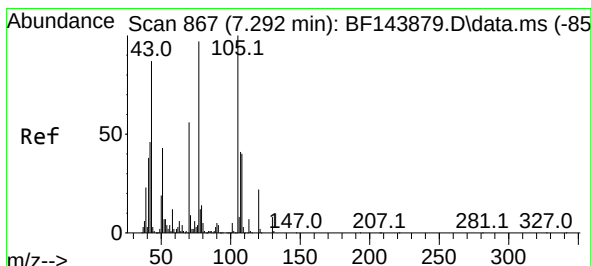
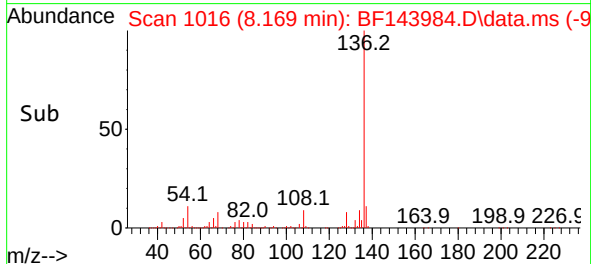
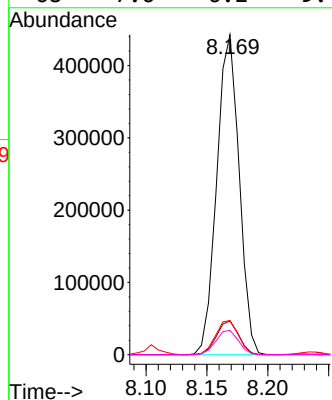
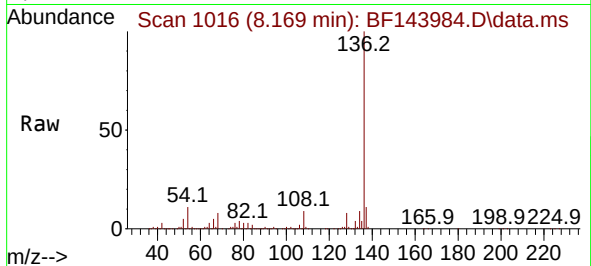


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 566623

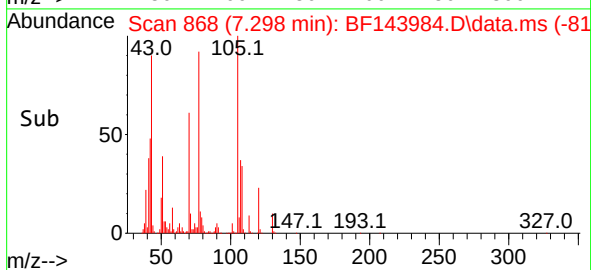
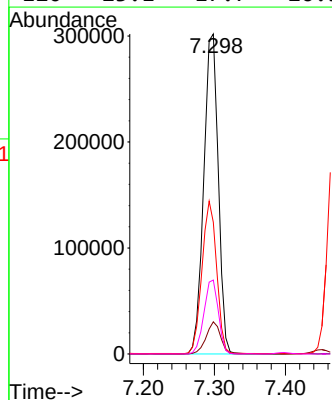
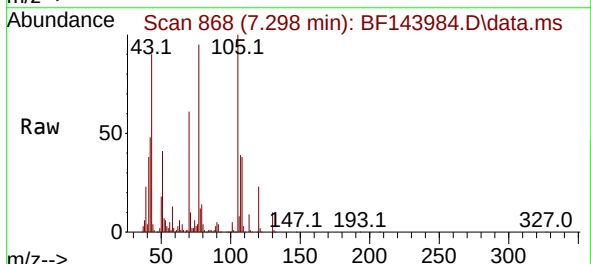
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.7	8.2	12.4
68	7.6	6.2	9.4

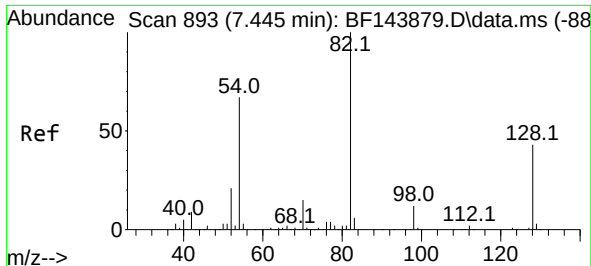


#22
Acetophenone
Concen: 36.001 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:105 Resp: 431324

Ion	Ratio	Lower	Upper
105	100		
71	10.1	7.4	11.0
51	41.1	34.2	51.4
120	23.1	17.7	26.5

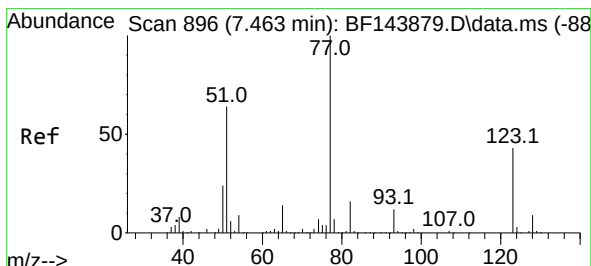
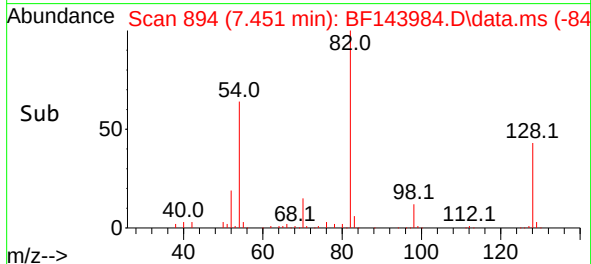
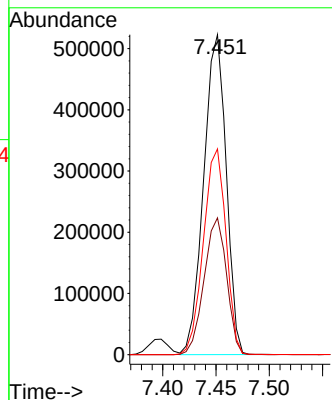
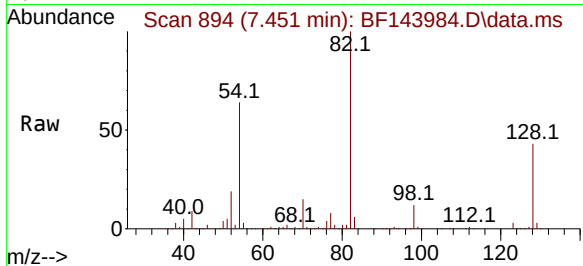




#23
Nitrobenzene-d5
Concen: 82.295 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

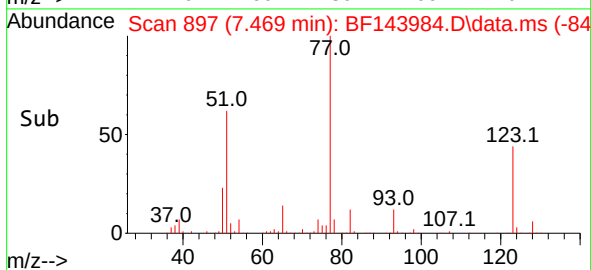
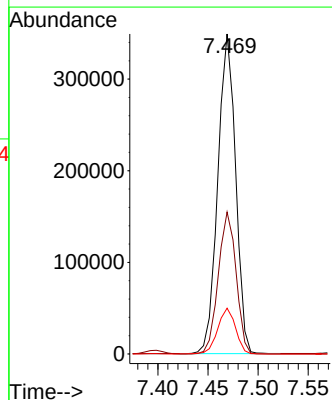
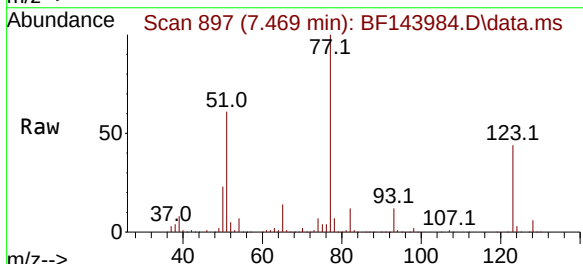
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

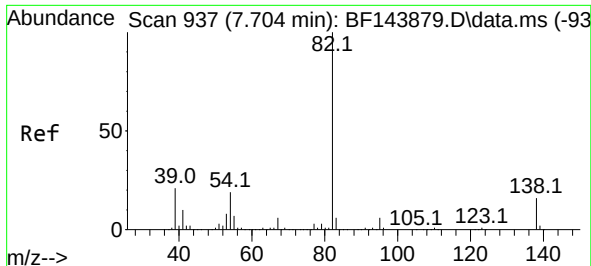
Tgt Ion: 82 Resp: 767518
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 64.3 53.2 79.8



#24
Nitrobenzene
Concen: 41.444 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 77 Resp: 429240
Ion Ratio Lower Upper
77 100
123 44.4 34.2 51.4
65 14.3 11.0 16.6

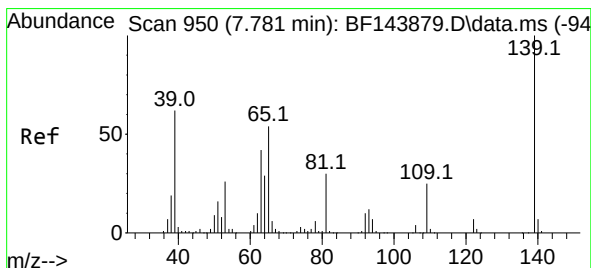
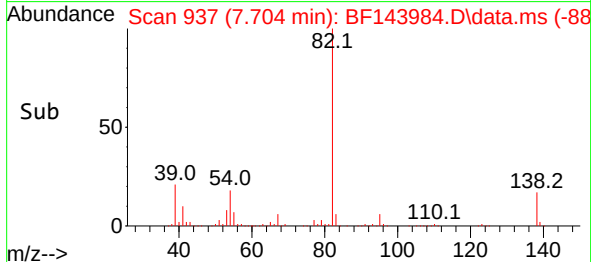
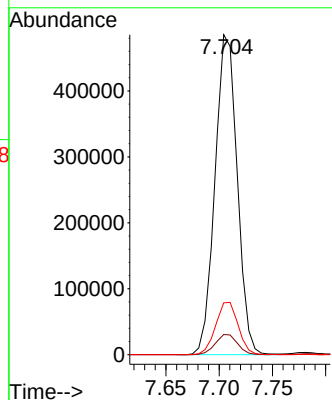
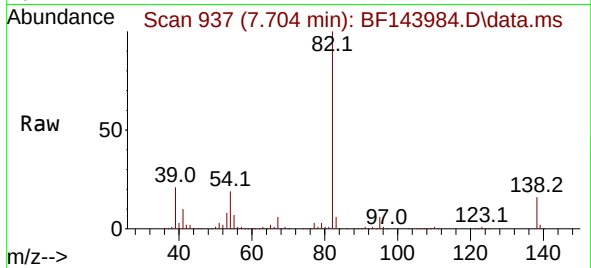




#25
Isophorone
Concen: 35.799 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

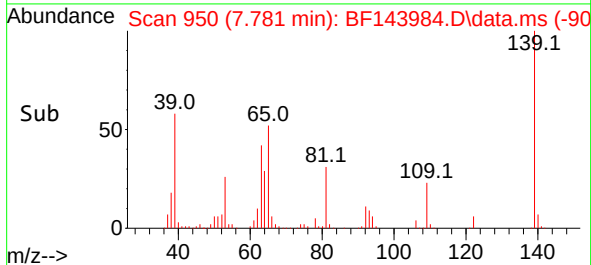
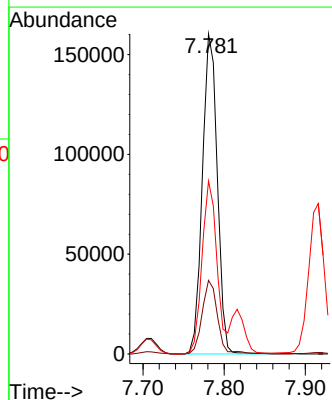
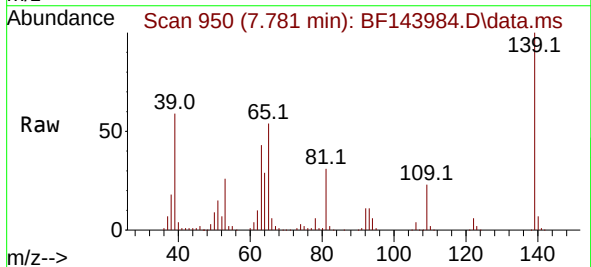
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

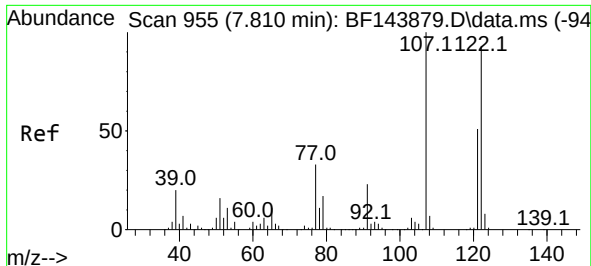
Tgt Ion: 82 Resp: 704001
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.2 12.9 19.3



#26
2-Nitrophenol
Concen: 46.048 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:139 Resp: 204473
Ion Ratio Lower Upper
139 100
109 23.0 19.8 29.6
65 54.0 42.9 64.3

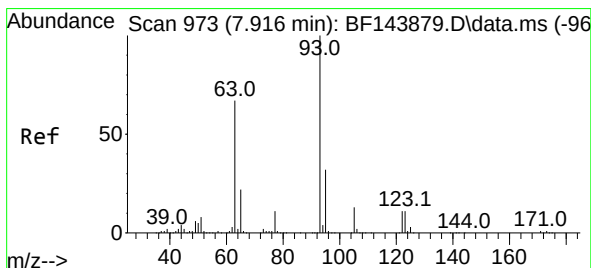
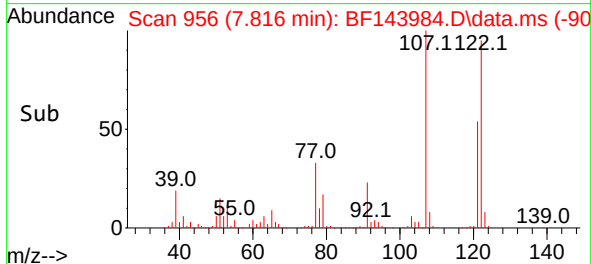
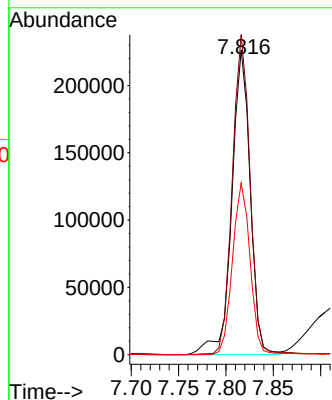
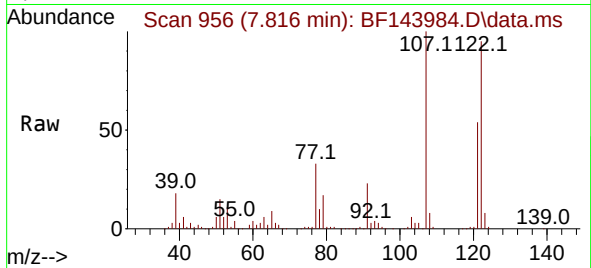




#27
2,4-Dimethylphenol
Concen: 38.230 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

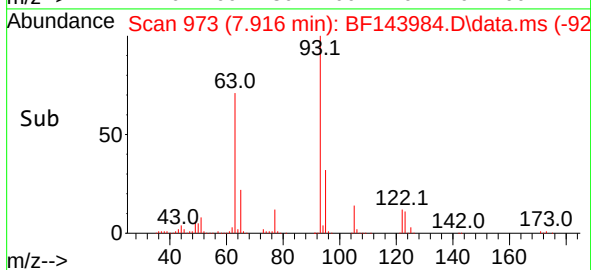
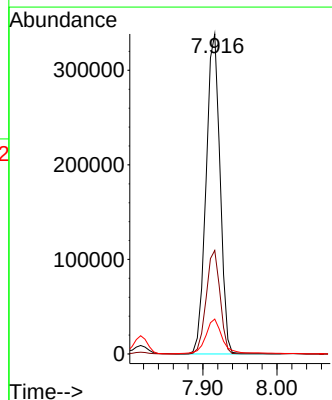
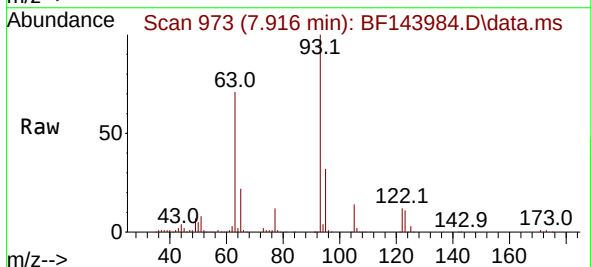
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

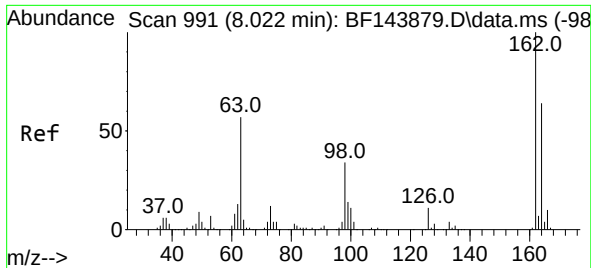
Tgt Ion:122 Resp: 305369
Ion Ratio Lower Upper
122 100
107 105.0 86.1 129.1
121 56.3 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 35.687 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 93 Resp: 443313
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 37.833 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

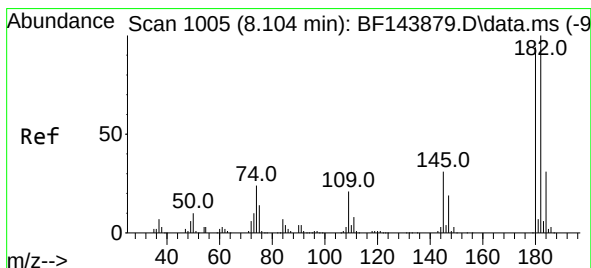
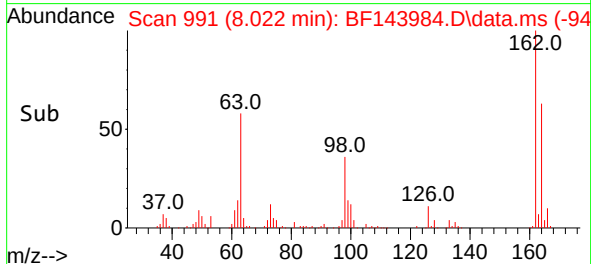
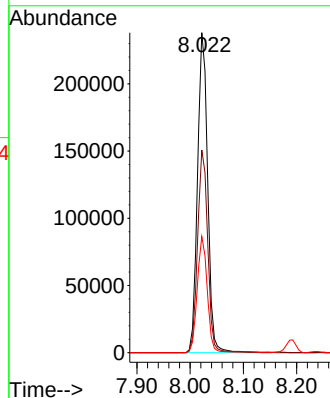
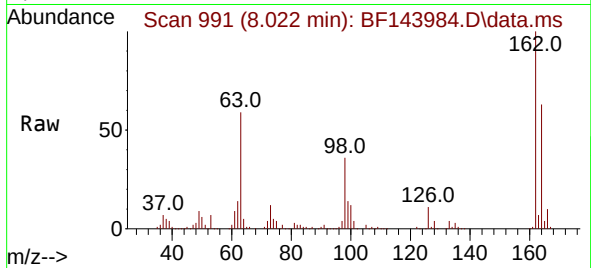
Tgt Ion:162 Resp: 314783

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

98 36.3 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 41.438 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

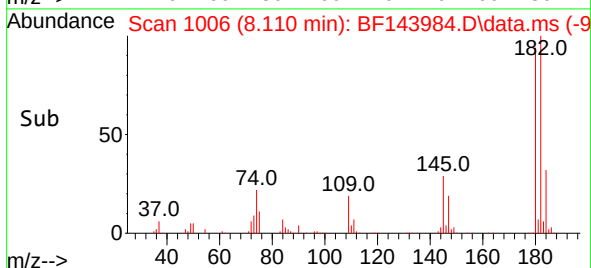
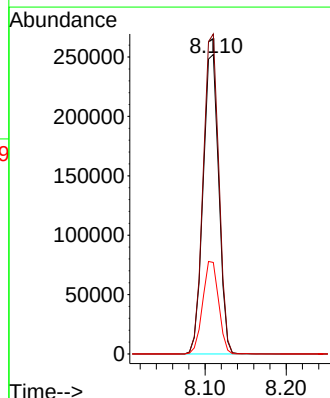
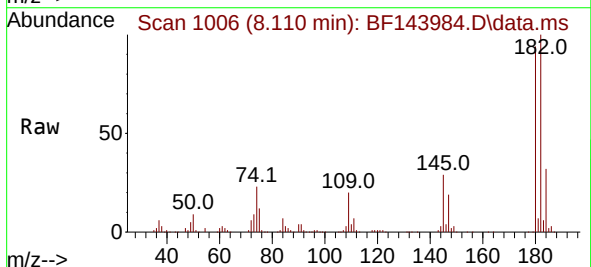
Tgt Ion:180 Resp: 339080

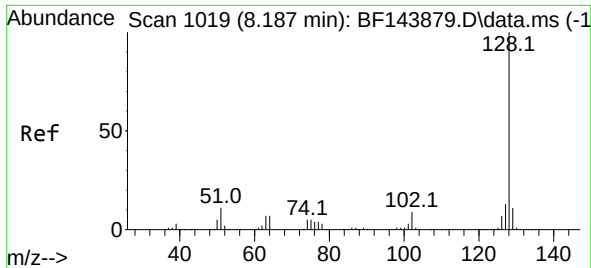
Ion Ratio Lower Upper

180 100

182 106.9 85.4 128.0

145 30.6 26.3 39.5

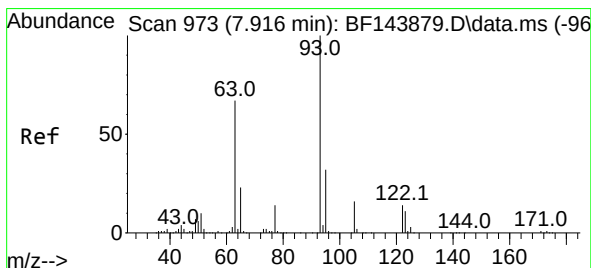
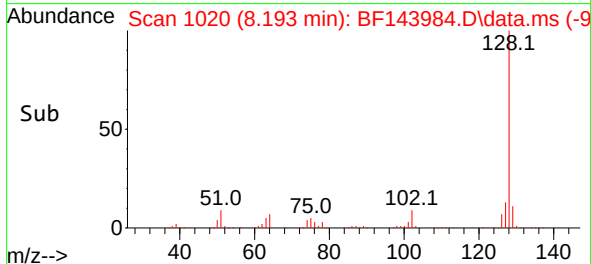
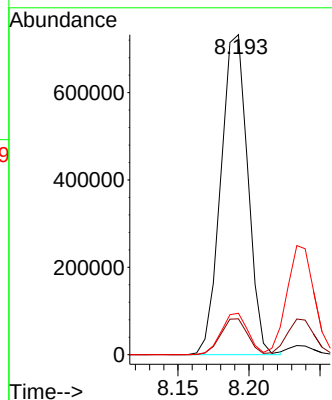
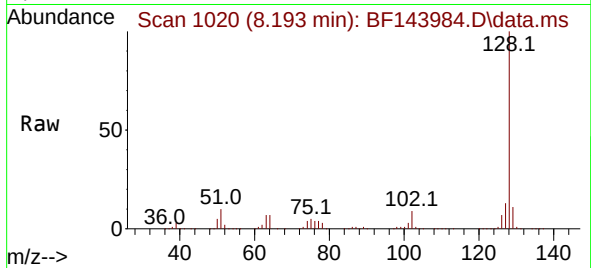




#31
Naphthalene
Concen: 37.537 ng
RT: 8.193 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

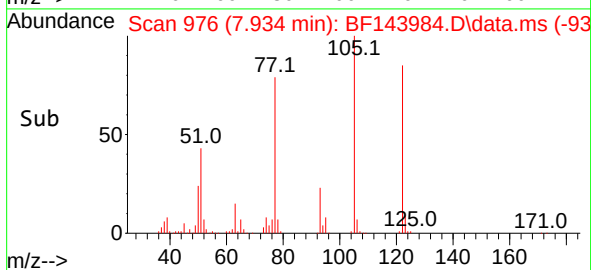
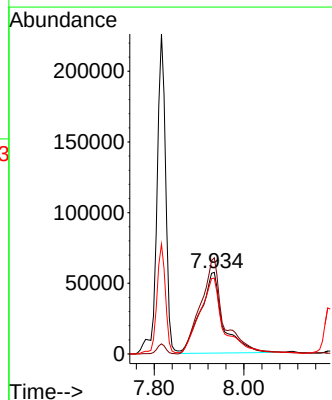
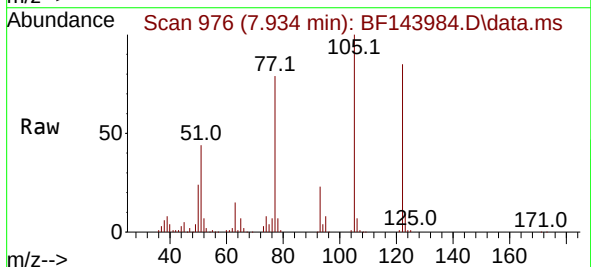
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

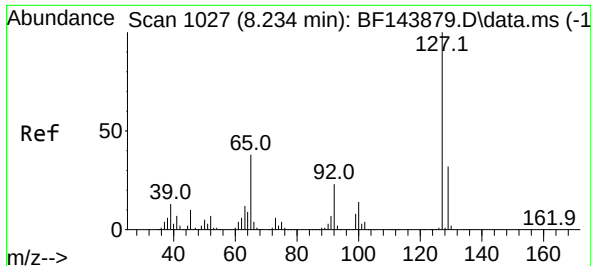
Tgt Ion:128 Resp: 967526
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.0 15.0



#32
Benzoic acid
Concen: 36.736 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:122 Resp: 203083
Ion Ratio Lower Upper
122 100
105 118.0 93.5 133.5
77 92.9 76.3 116.3

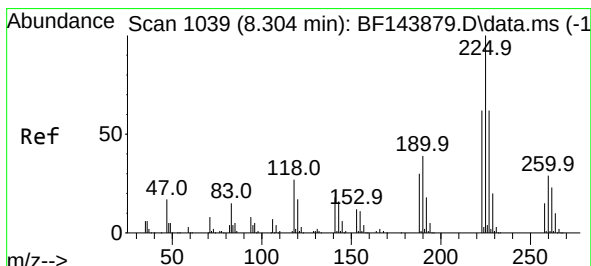
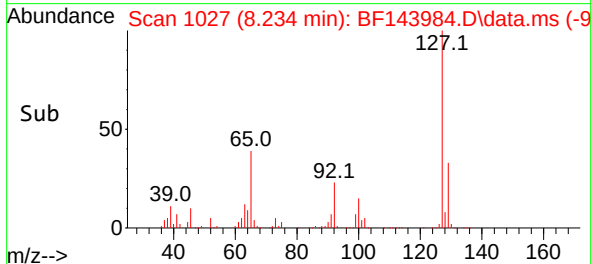
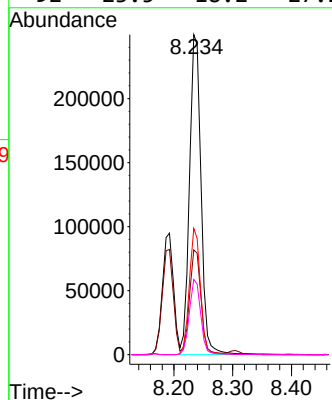
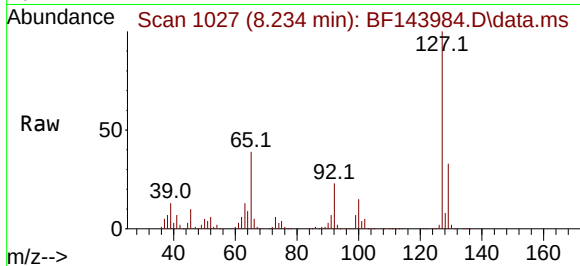




#33
4-Chloroaniline
Concen: 35.390 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

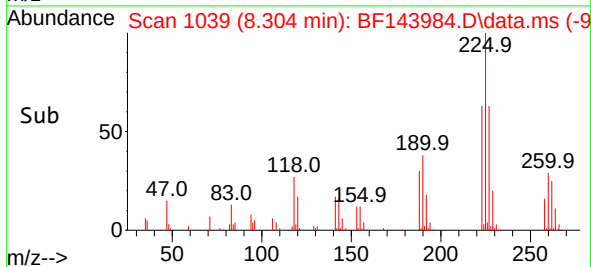
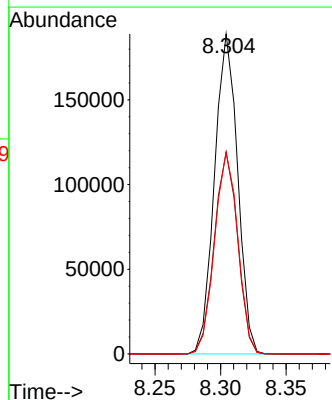
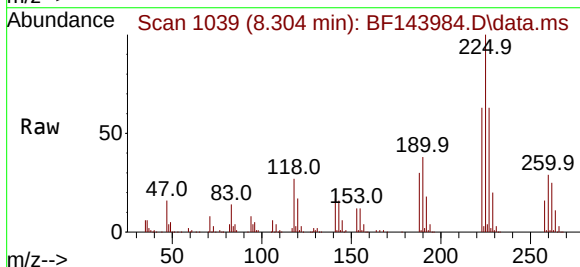
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

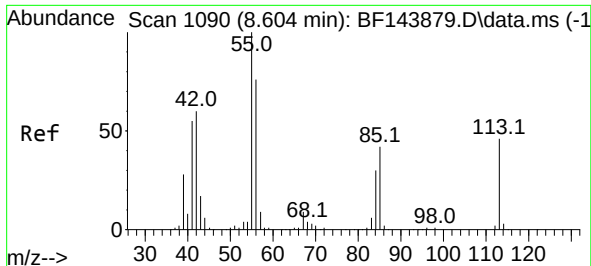
Tgt	Ion:127	Resp:	342115
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	39.5	30.0	45.0
92	23.5	18.2	27.2



#34
Hexachlorobutadiene
Concen: 40.682 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:225	Resp: 231323
Ion Ratio	Lower Upper
225 100	
223 63.1	49.4 74.2
227 63.1	49.7 74.5

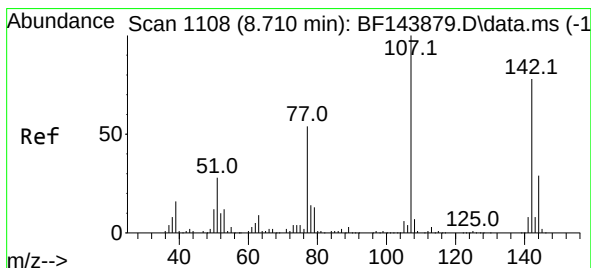
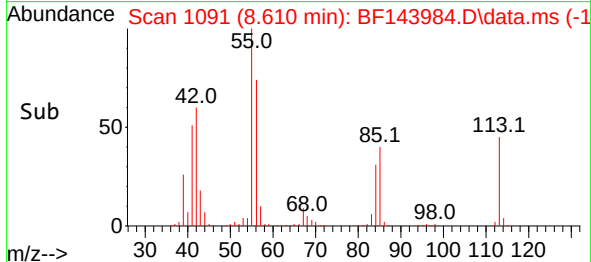
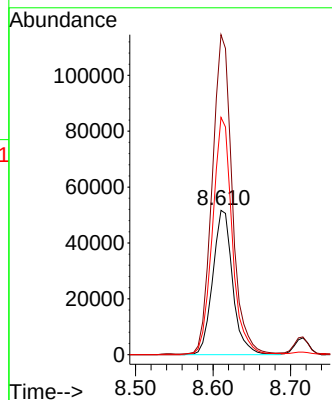
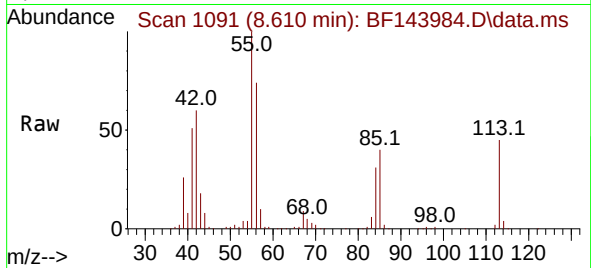




#35
 Caprolactam
 Concen: 34.885 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.035 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

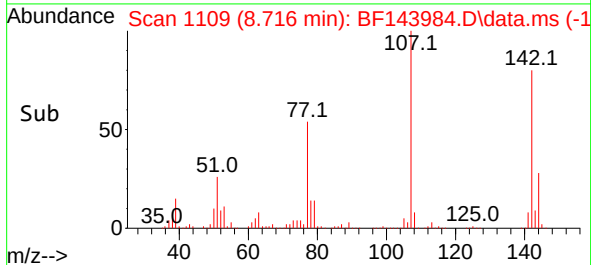
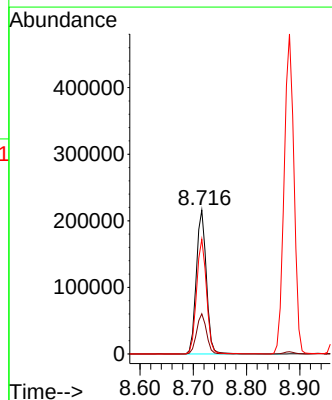
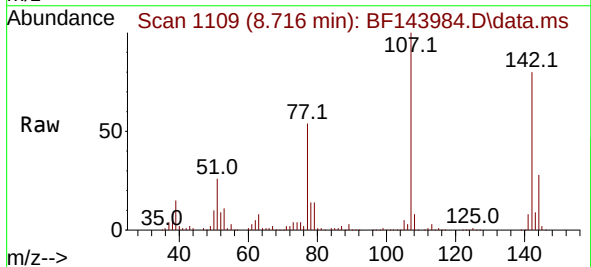
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

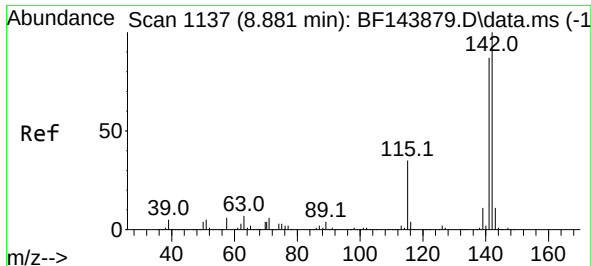
Tgt Ion:113 Resp: 92289
 Ion Ratio Lower Upper
 113 100
 55 221.7 199.6 239.6
 56 164.4 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.371 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

Tgt Ion:107 Resp: 282692
 Ion Ratio Lower Upper
 107 100
 144 27.9 23.1 34.7
 142 79.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 35.842 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

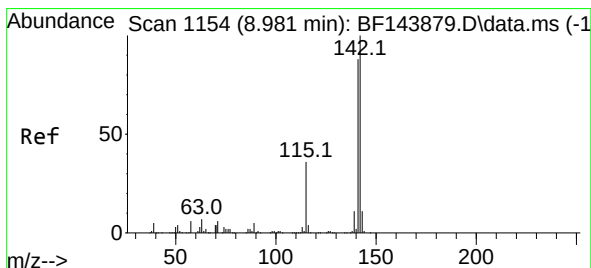
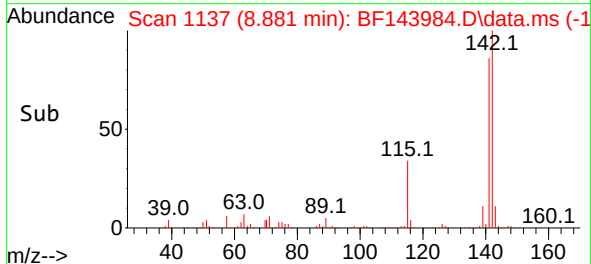
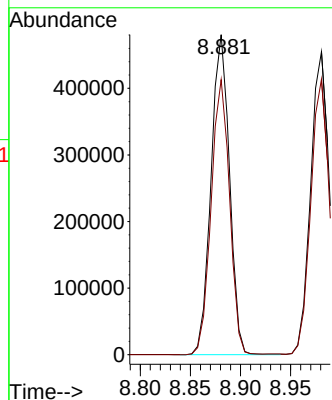
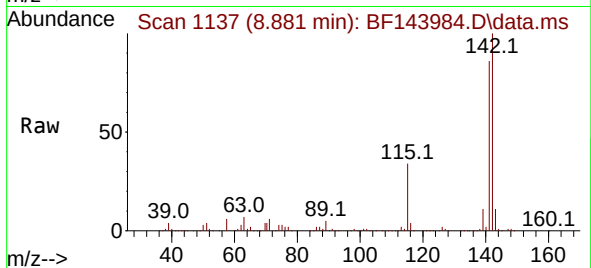
SSTDCCC040

Tgt Ion:142 Resp: 615393

Ion Ratio Lower Upper

142 100

141 86.0 69.2 103.8



#38

1-Methylnaphthalene

Concen: 34.781 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143984.D

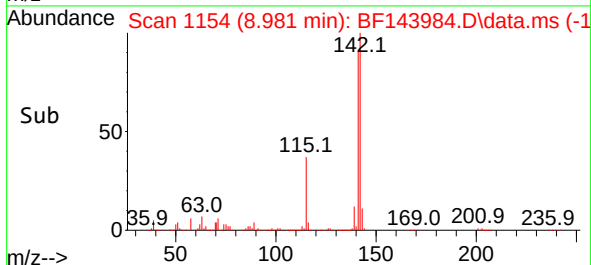
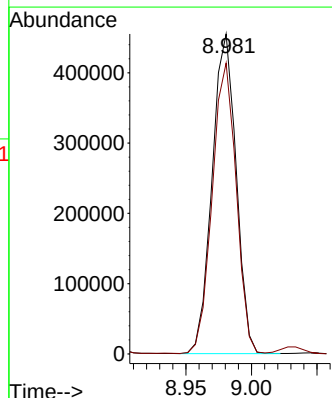
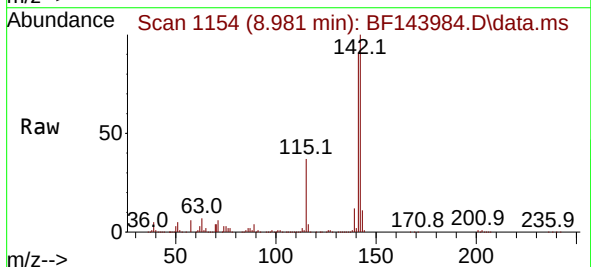
Acq: 17 Oct 2025 14:43

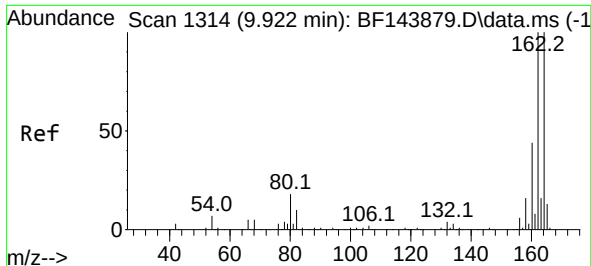
Tgt Ion:142 Resp: 579247

Ion Ratio Lower Upper

142 100

141 90.9 70.8 106.2

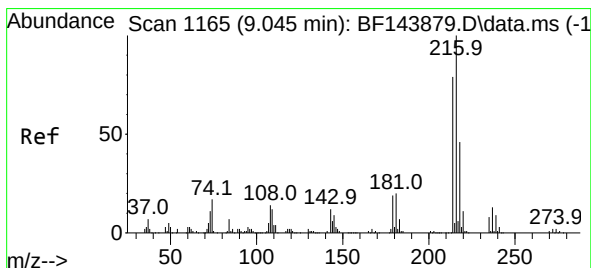
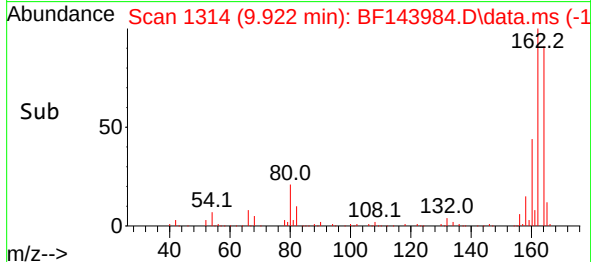
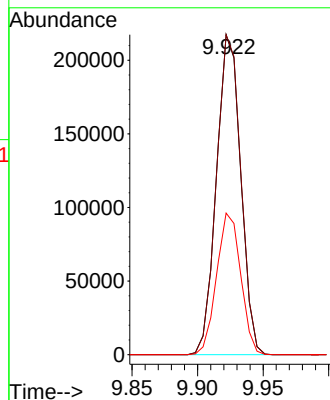
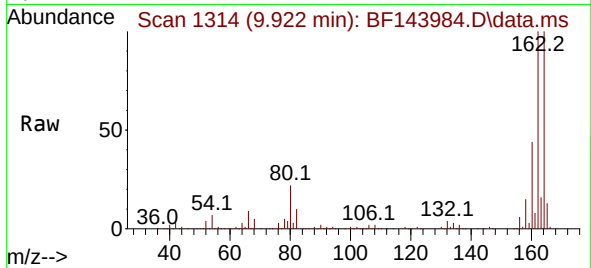




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

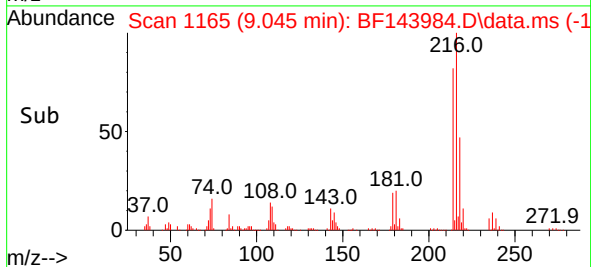
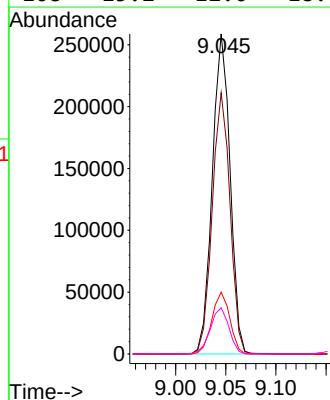
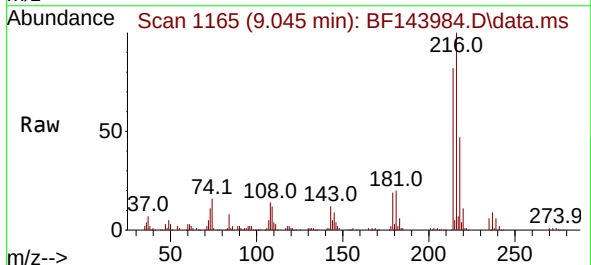
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

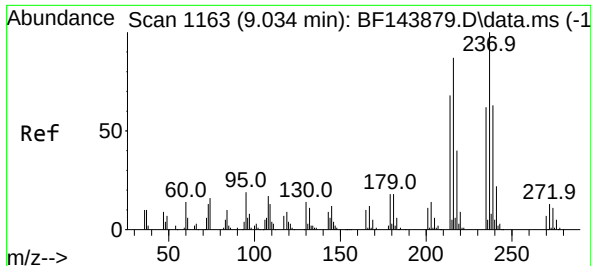
Tgt Ion:164 Resp: 278942
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.355 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:216 Resp: 318829
Ion Ratio Lower Upper
216 100
214 81.8 62.6 94.0
179 19.5 15.4 23.0
108 15.2 12.0 18.0

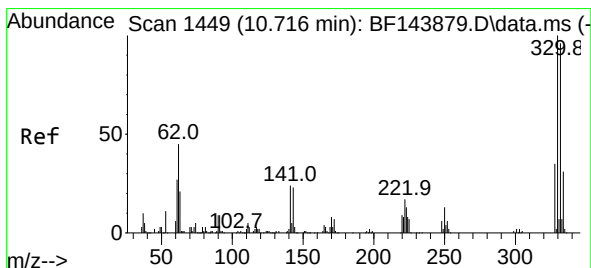
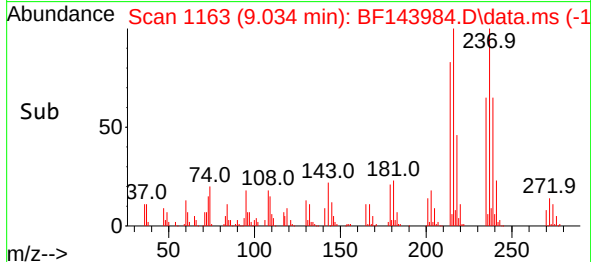
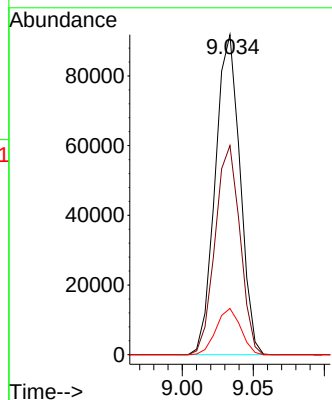
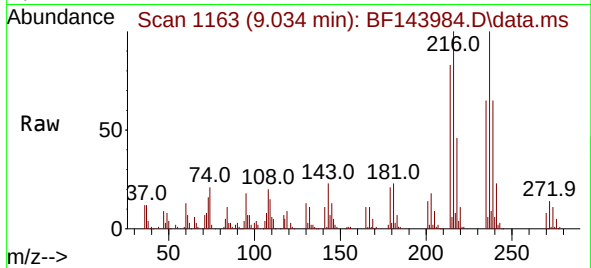




#41
Hexachlorocyclopentadiene
Concen: 34.808 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

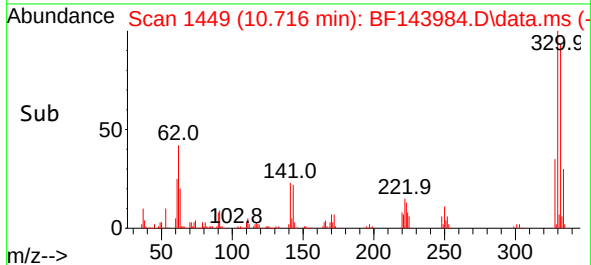
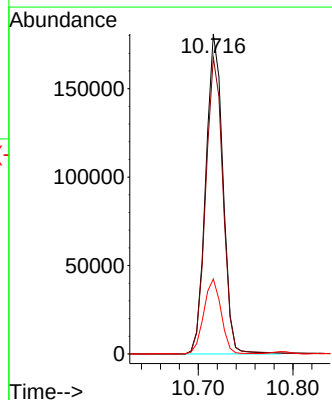
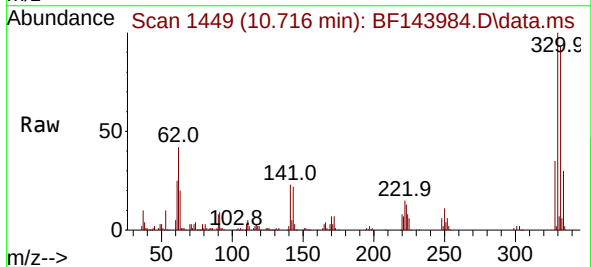
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

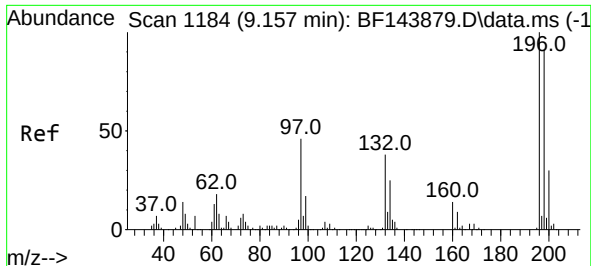
Tgt Ion:237 Resp: 111331
Ion Ratio Lower Upper
237 100
235 65.3 42.3 82.3
272 14.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 81.635 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:330 Resp: 226809
Ion Ratio Lower Upper
330 100
332 94.0 76.9 115.3
141 23.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 39.505 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

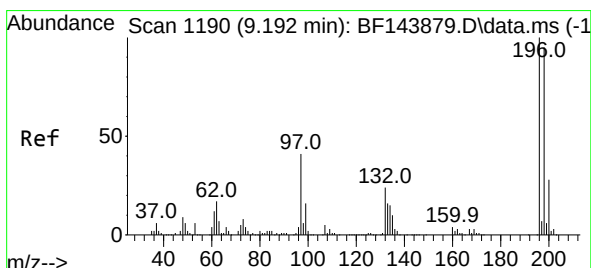
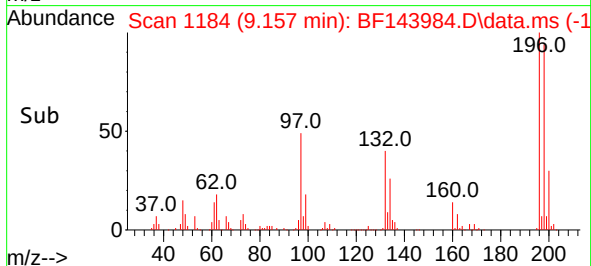
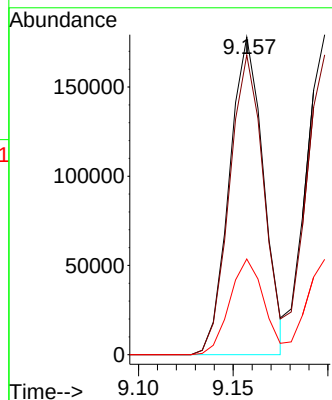
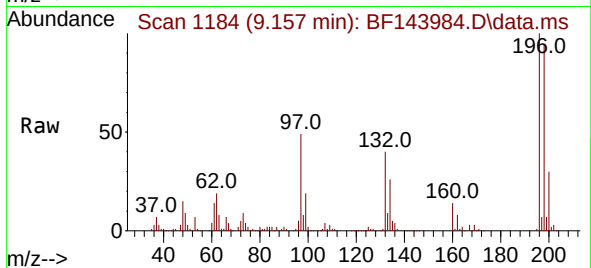
Tgt Ion:196 Resp: 222532

Ion Ratio Lower Upper

196 100

198 94.3 72.8 109.2

200 30.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 41.058 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Tgt Ion:196 Resp: 244412

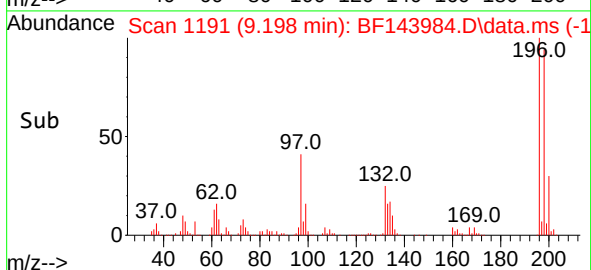
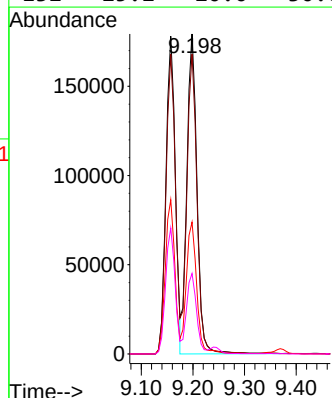
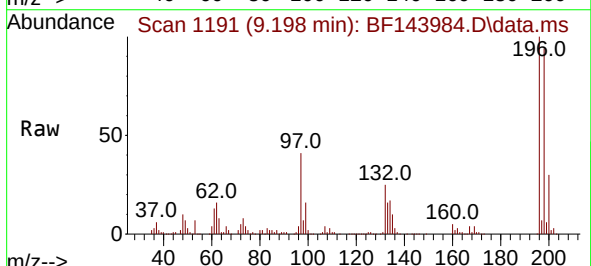
Ion Ratio Lower Upper

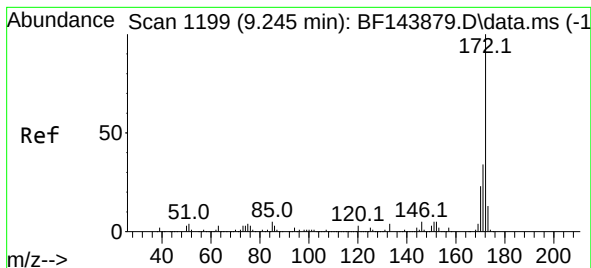
196 100

198 93.7 75.5 113.3

97 41.2 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 73.197 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

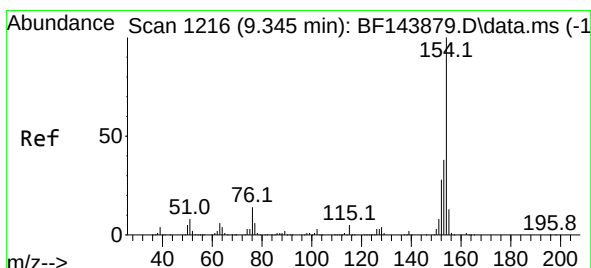
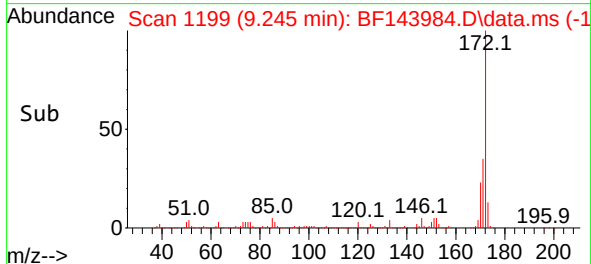
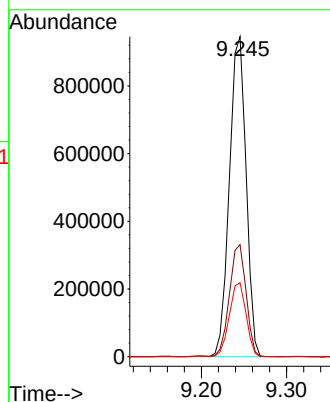
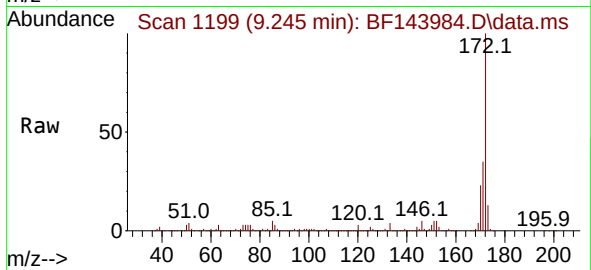
Tgt Ion:172 Resp: 1286763

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.246 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

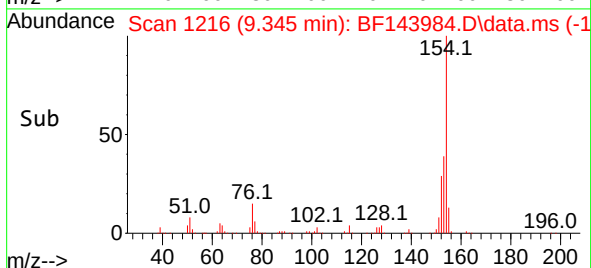
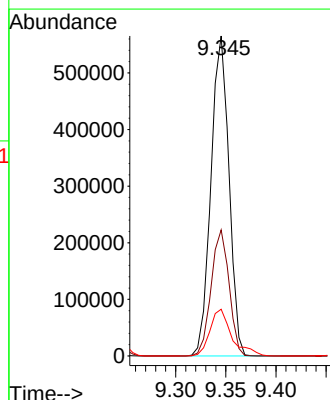
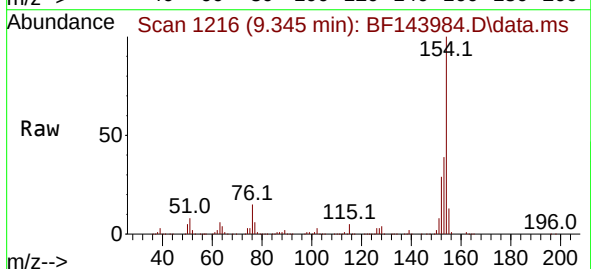
Tgt Ion:154 Resp: 706340

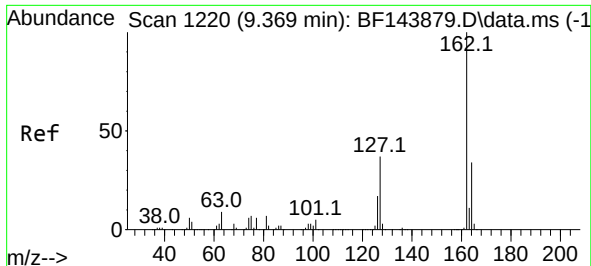
Ion Ratio Lower Upper

154 100

153 39.4 18.4 58.4

76 14.6 0.0 34.0

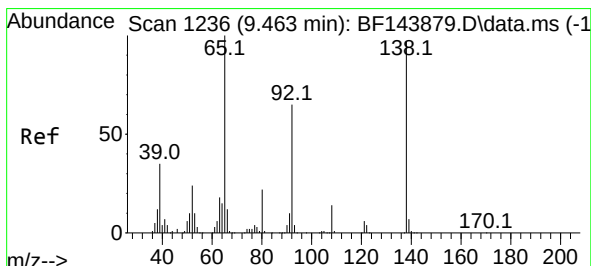
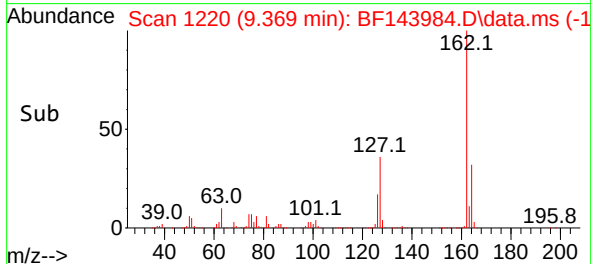
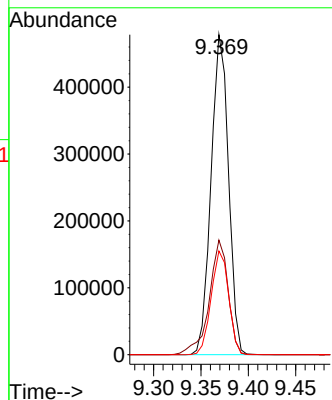
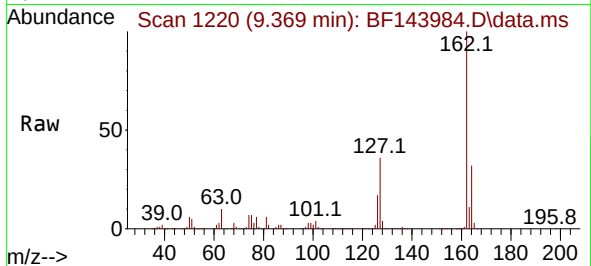




#47
2-Chloronaphthalene
Concen: 39.827 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

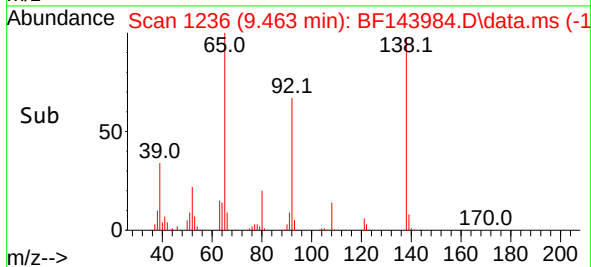
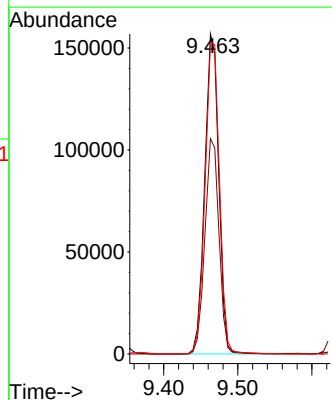
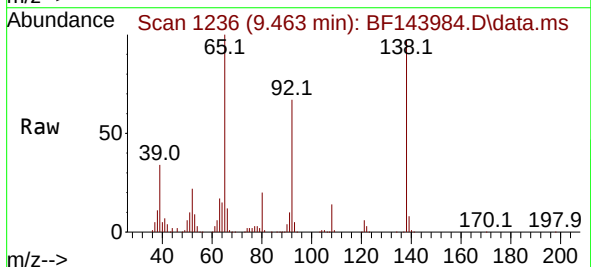
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

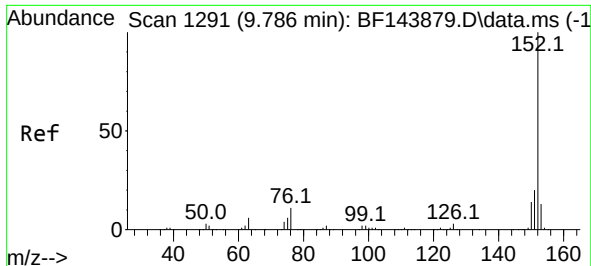
Tgt Ion:162 Resp: 613272
Ion Ratio Lower Upper
162 100
127 35.8 30.2 45.2
164 32.4 26.9 40.3



#48
2-Nitroaniline
Concen: 42.502 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion: 65 Resp: 206912
Ion Ratio Lower Upper
65 100
92 67.3 52.1 78.1
138 97.2 77.4 116.2





#49

Acenaphthylene

Concen: 38.094 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

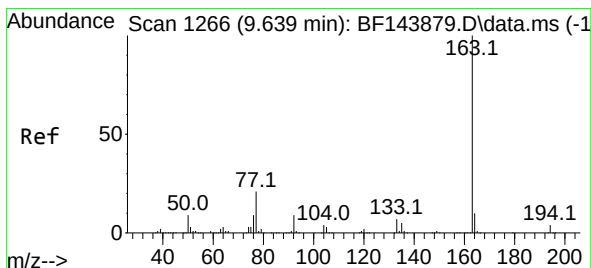
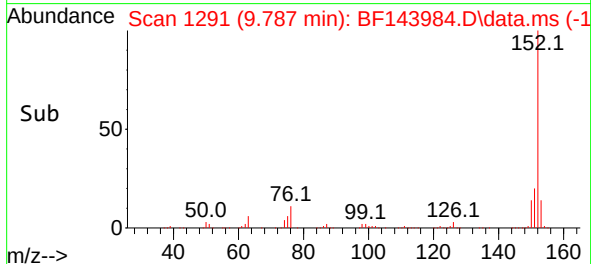
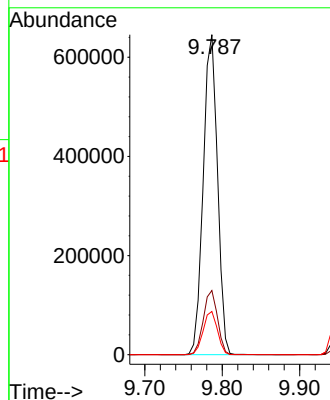
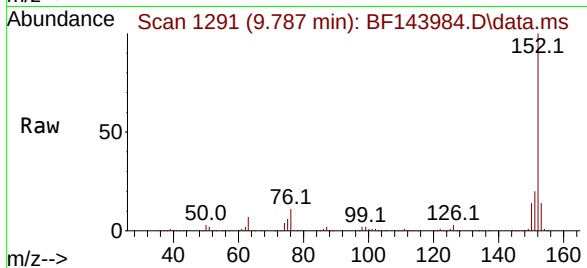
Tgt Ion:152 Resp: 824641

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 38.778 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

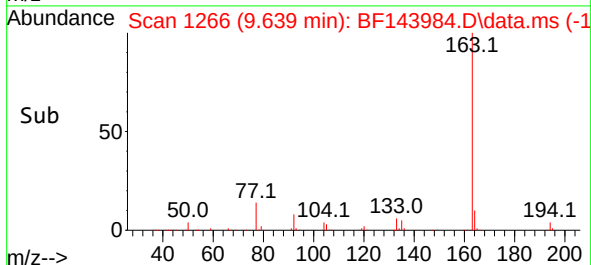
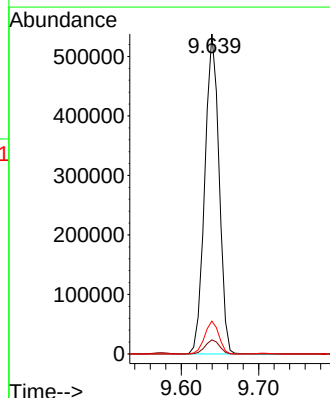
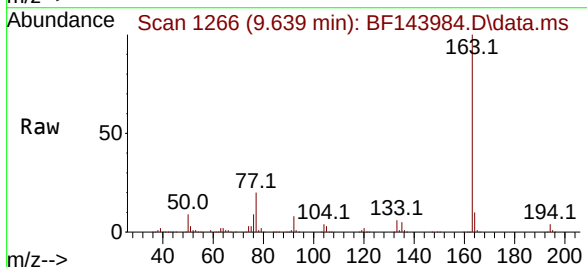
Tgt Ion:163 Resp: 686911

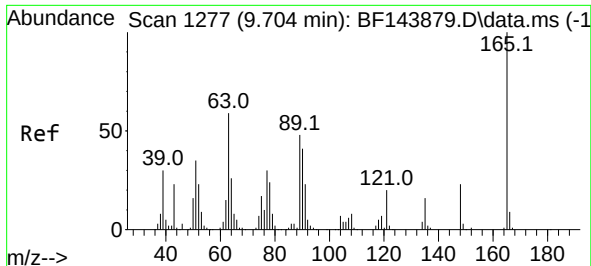
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.2 8.1 12.1

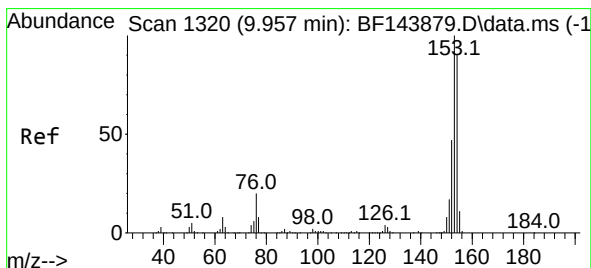
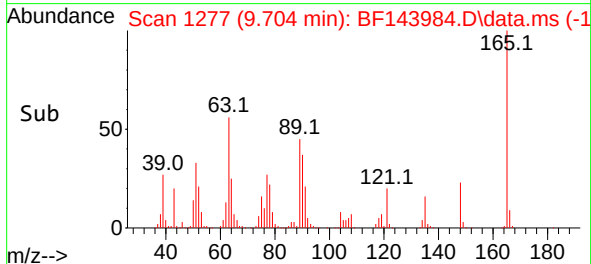
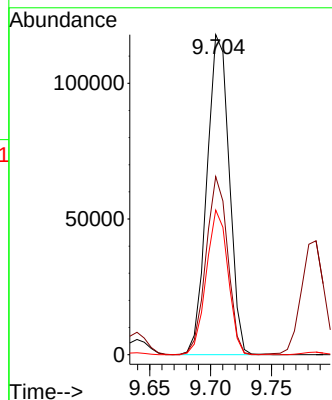
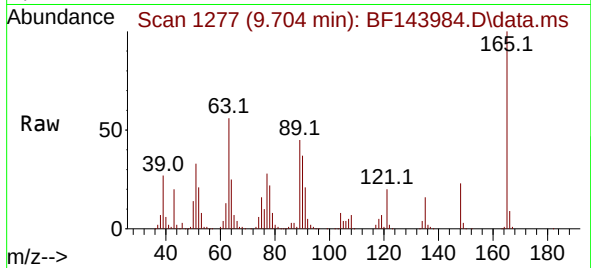




#51
2,6-Dinitrotoluene
Concen: 45.724 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

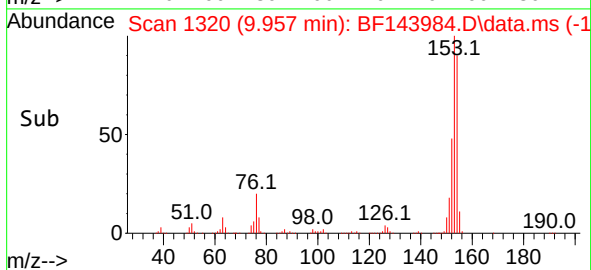
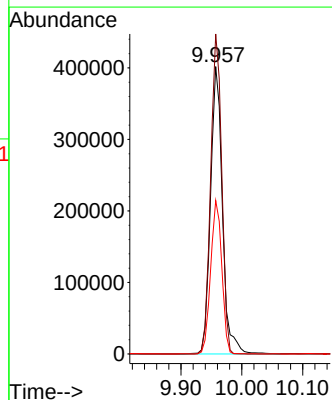
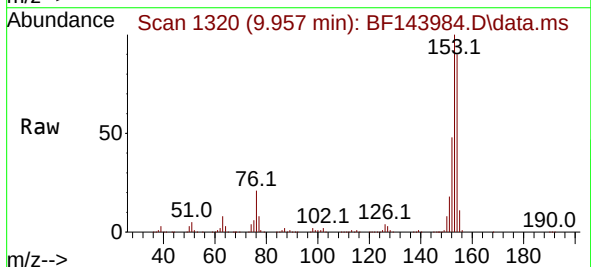
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

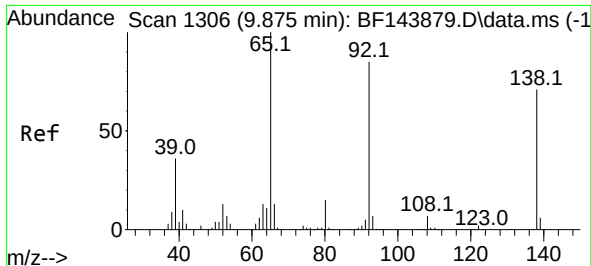
Tgt Ion:165 Resp: 150191
Ion Ratio Lower Upper
165 100
63 55.7 47.3 70.9
89 45.2 38.2 57.4



#52
Acenaphthene
Concen: 38.520 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:154 Resp: 546398
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.4 42.2 63.2

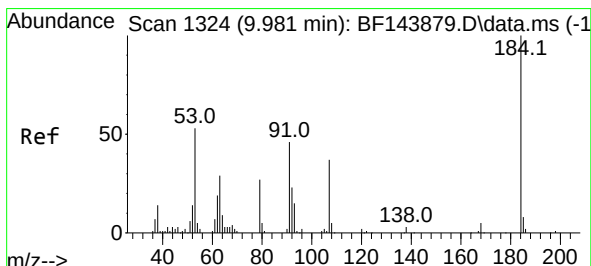
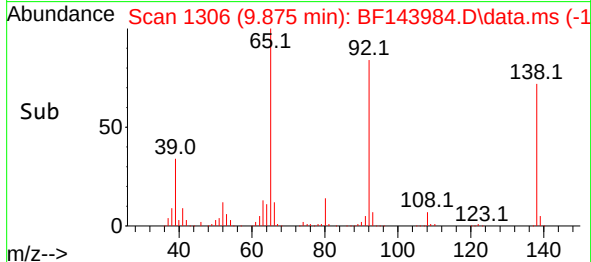
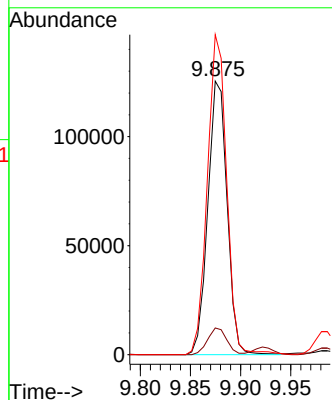
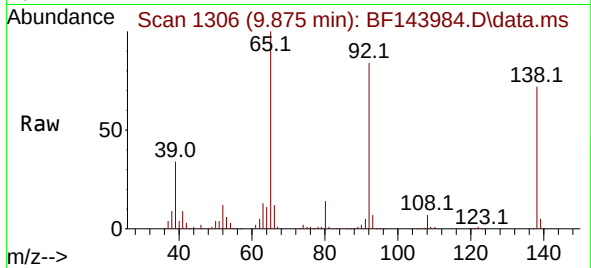




#53
3-Nitroaniline
Concen: 41.782 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

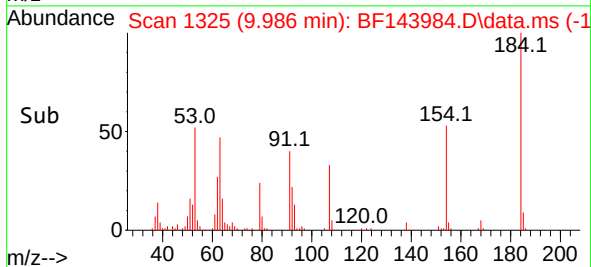
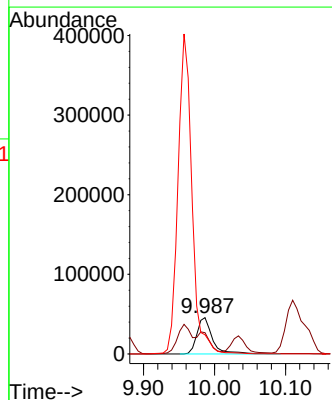
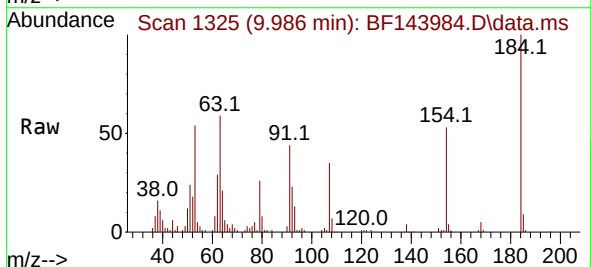
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

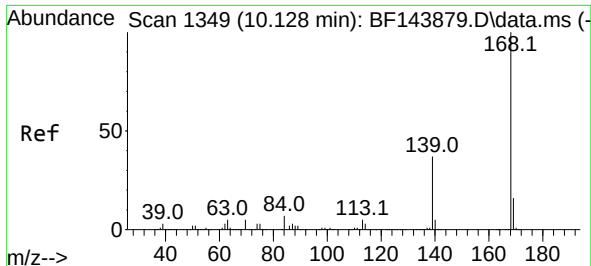
Tgt Ion:138 Resp: 168048
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 117.0 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 38.380 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:184 Resp: 69751
Ion Ratio Lower Upper
184 100
63 58.6 48.2 72.4
154 52.7 49.2 73.8

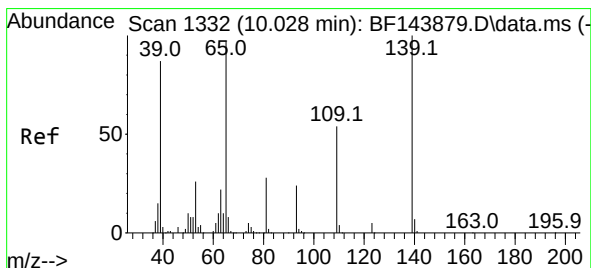
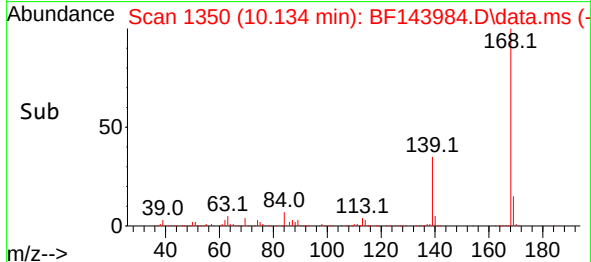
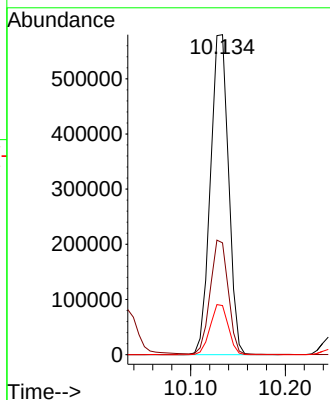
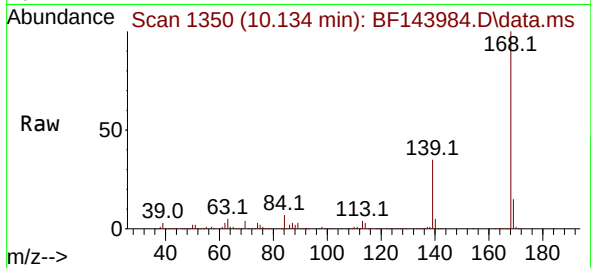




#55
Dibenzenofuran
Concen: 38.374 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

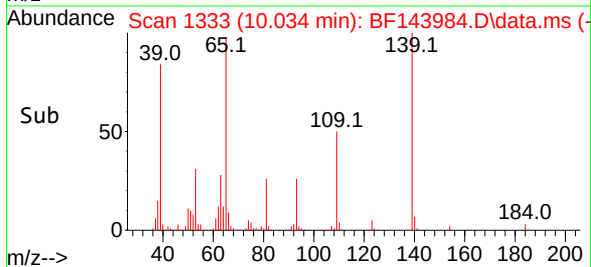
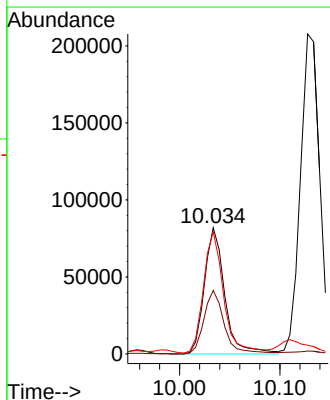
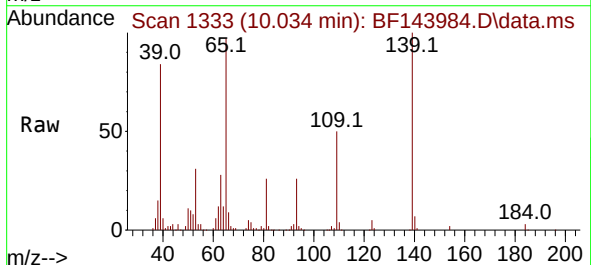
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

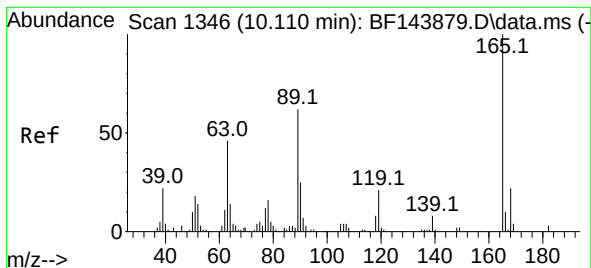
Tgt Ion:168 Resp: 768388
Ion Ratio Lower Upper
168 100
139 34.9 29.8 44.8
169 15.3 12.8 19.2



#56
4-Nitrophenol
Concen: 38.015 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:139 Resp: 115766
Ion Ratio Lower Upper
139 100
109 50.3 34.5 74.5
65 96.7 77.6 117.6

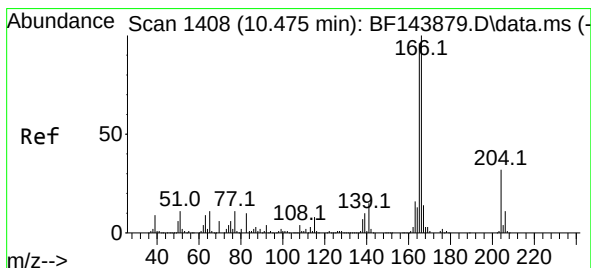
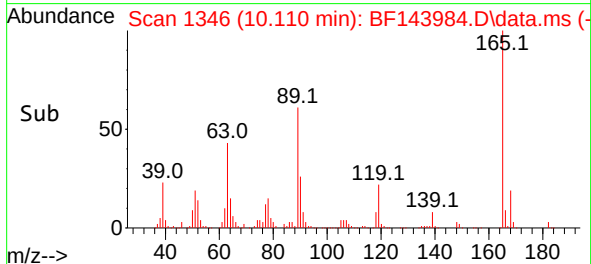
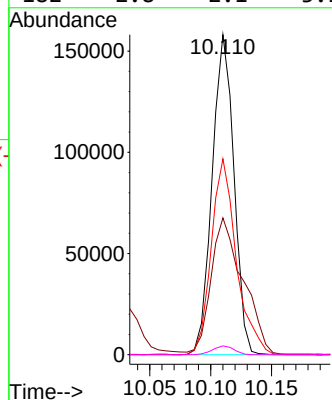
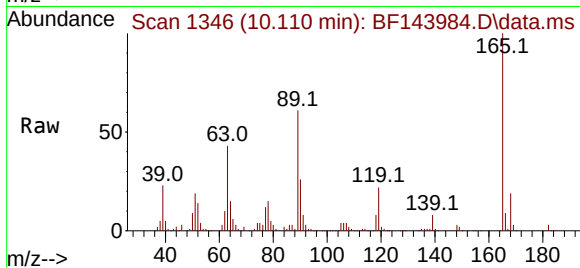




#57
2,4-Dinitrotoluene
Concen: 44.073 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

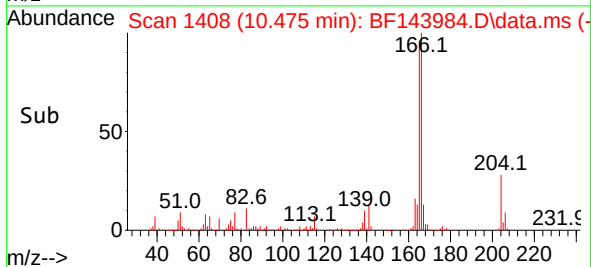
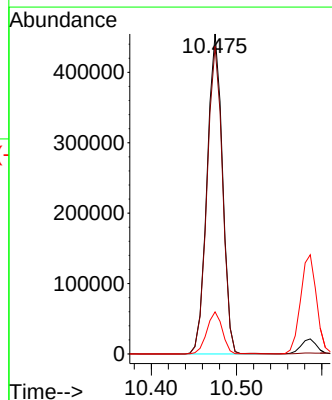
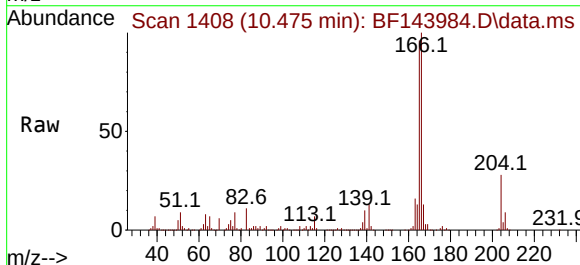
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ClientSampleId :
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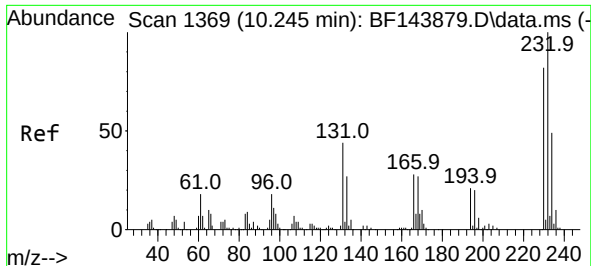
Tgt Ion:165 Resp: 196974
Ion Ratio Lower Upper
165 100
63 42.8 37.2 55.8
89 61.2 49.4 74.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 37.860 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:166 Resp: 572032
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.1 11.1 16.7

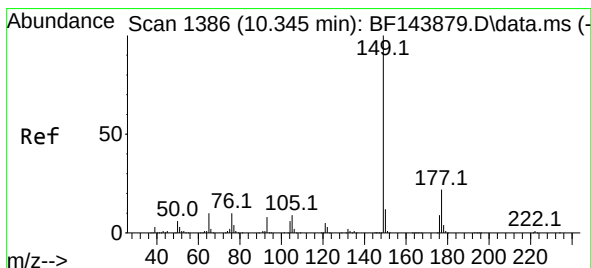
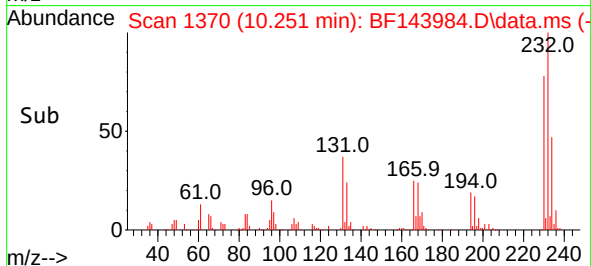
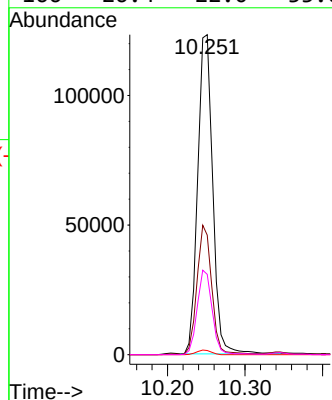
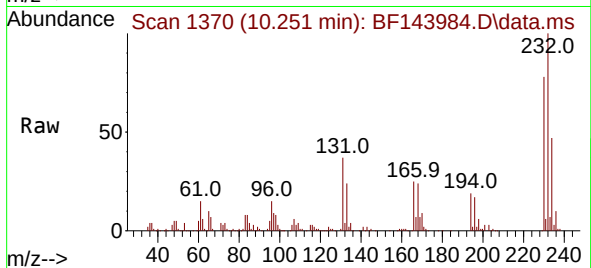




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.380 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

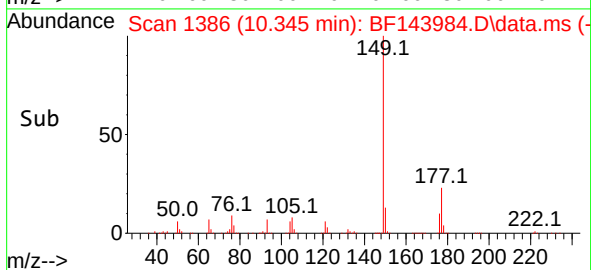
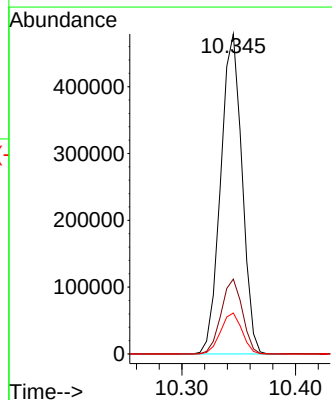
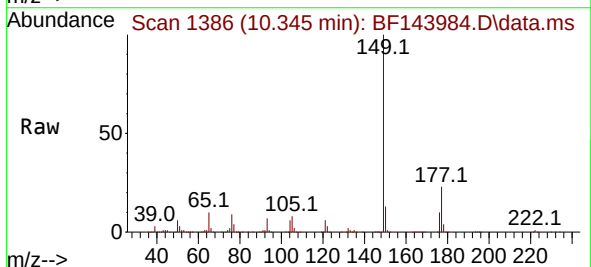
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

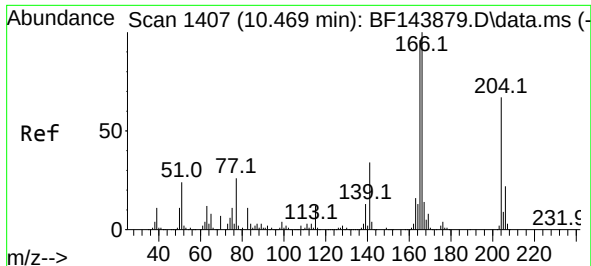
Tgt Ion:232 Resp: 165942
Ion Ratio Lower Upper
232 100
131 40.1 34.9 52.3
130 1.4 1.6 2.4#
166 26.4 22.0 33.0



#60
Diethylphthalate
Concen: 38.019 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:149 Resp: 625668
Ion Ratio Lower Upper
149 100
177 23.4 17.9 26.9
150 12.8 9.8 14.8

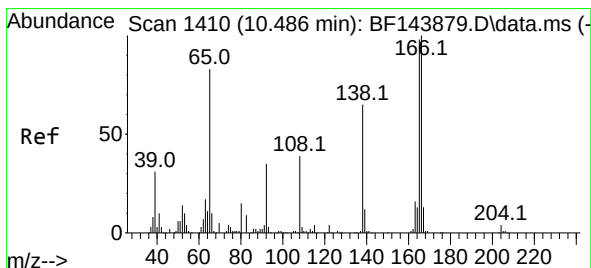
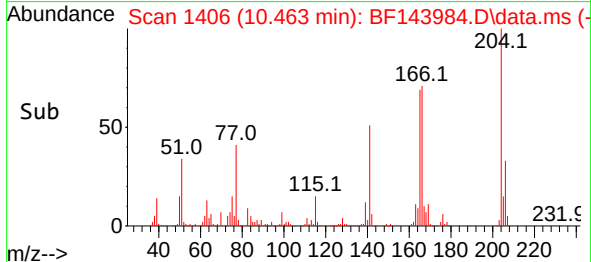
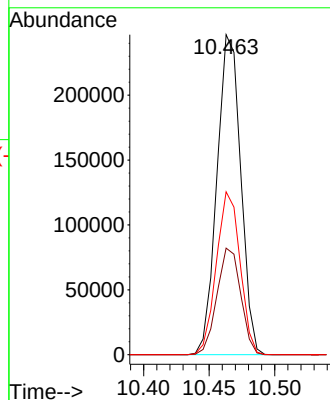
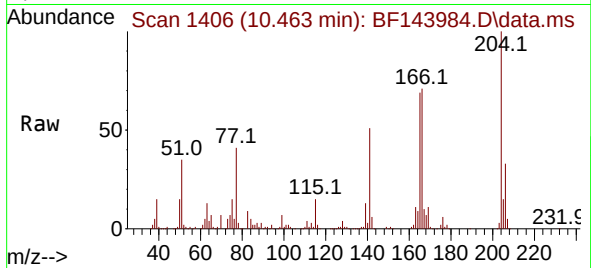




#61
4-Chlorophenyl-phenylether
Concen: 38.926 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

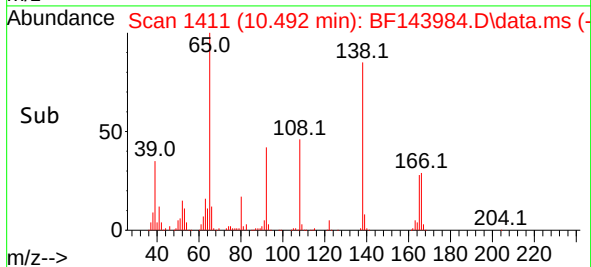
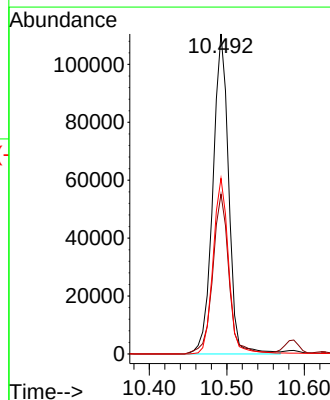
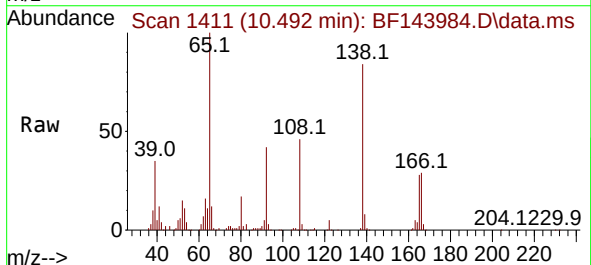
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

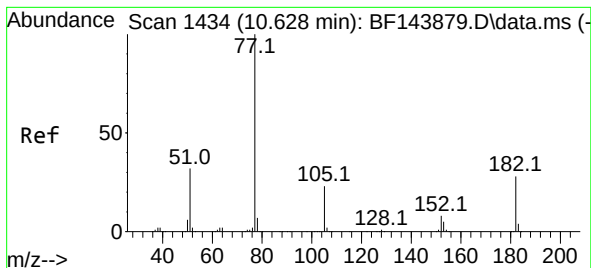
Tgt Ion:204 Resp: 310943
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 50.9 40.4 60.6



#62
4-Nitroaniline
Concen: 40.536 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:138 Resp: 156780
Ion Ratio Lower Upper
138 100
92 50.0 33.9 73.9
108 54.9 40.2 80.2





#63

Azobenzene

Concen: 38.820 ng

RT: 10.628 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 667677

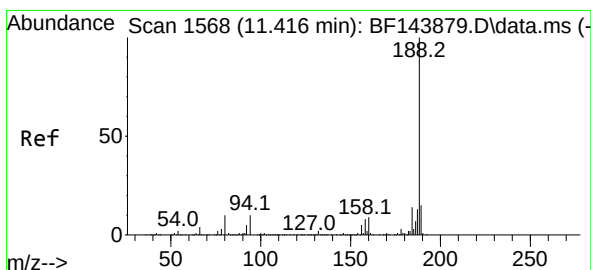
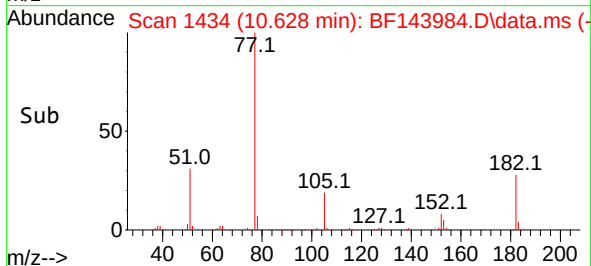
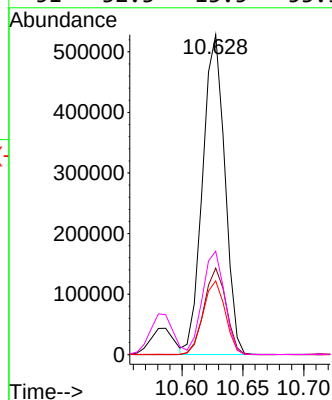
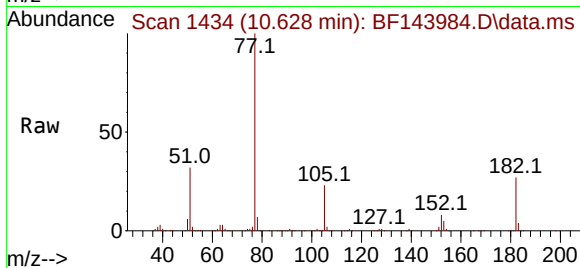
Ion Ratio Lower Upper

77 100

182 27.1 7.3 47.3

105 23.0 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: BF143984.D

Acq: 17 Oct 2025 14:43

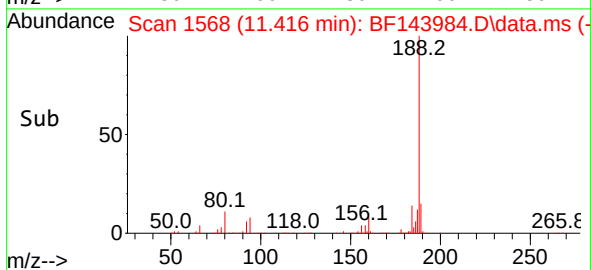
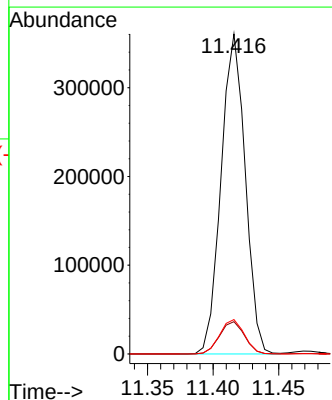
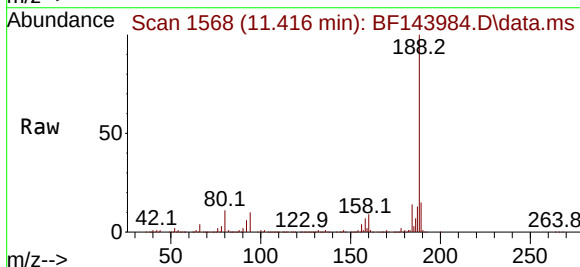
Tgt Ion:188 Resp: 461614

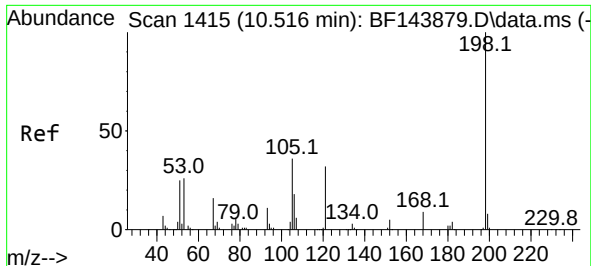
Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 10.8 7.9 11.9

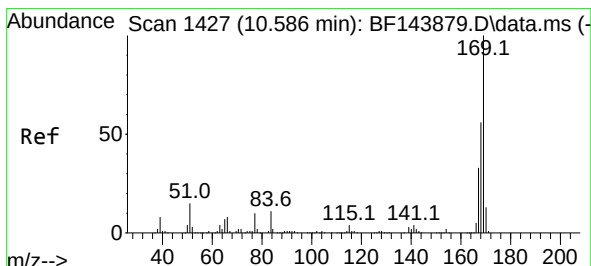
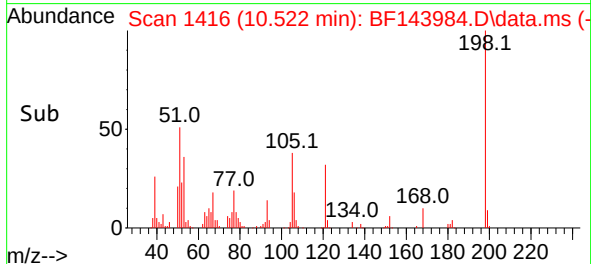
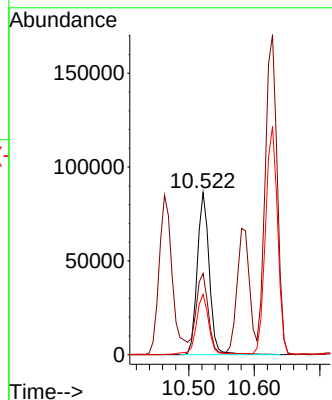
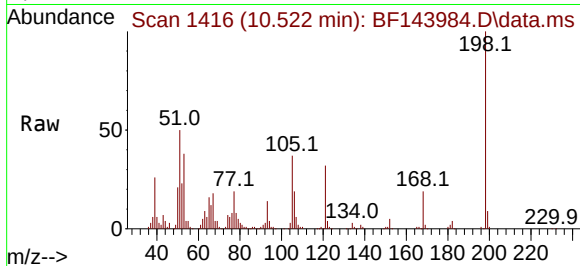




#65
4,6-Dinitro-2-methylphenol
Concen: 47.480 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

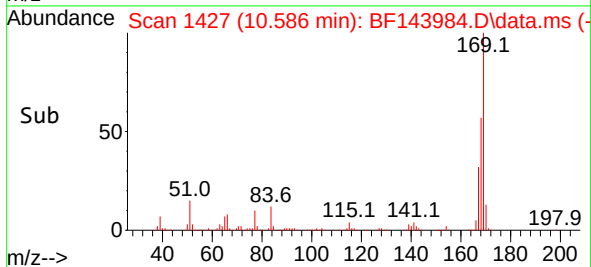
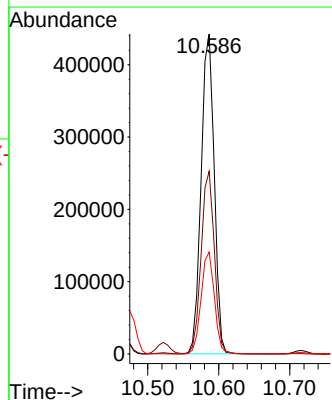
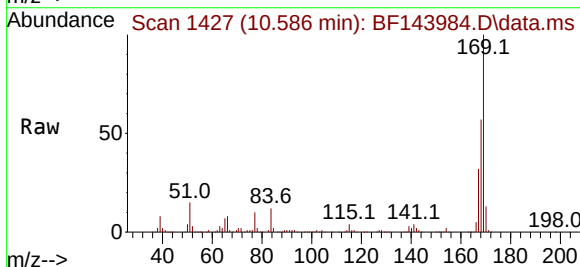
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

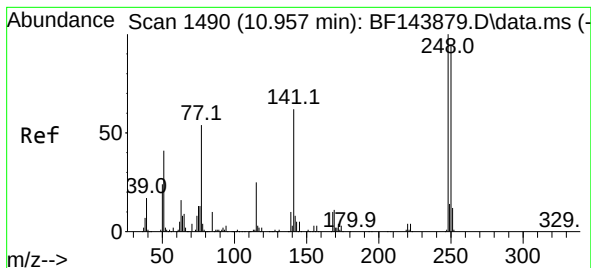
Tgt Ion:198 Resp: 110141
Ion Ratio Lower Upper
198 100
51 50.1 33.8 73.8
105 37.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 39.233 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:169 Resp: 568648
Ion Ratio Lower Upper
169 100
168 57.1 44.9 67.3
167 31.9 26.3 39.5

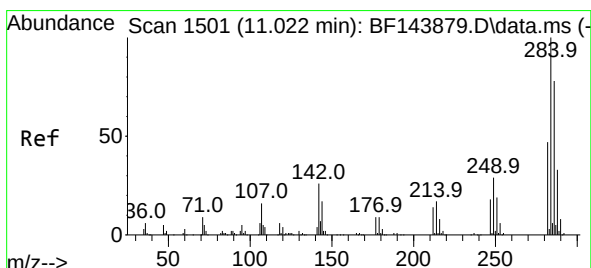
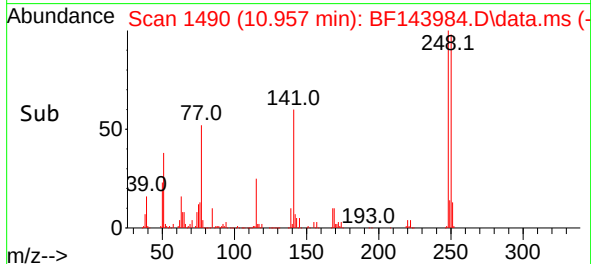
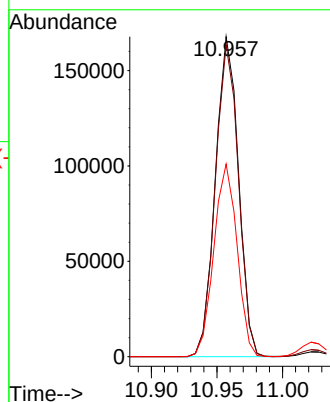
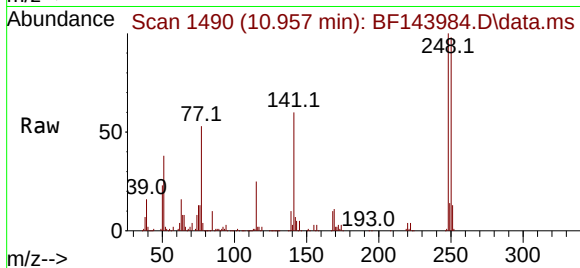




#67
4-Bromophenyl-phenylether
Concen: 40.366 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

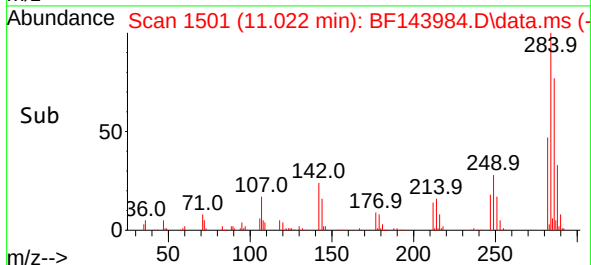
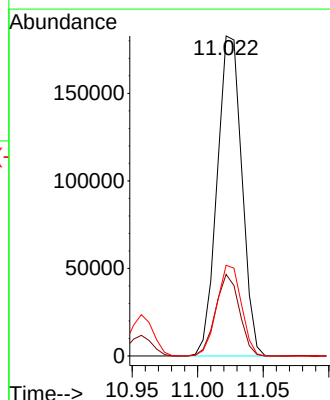
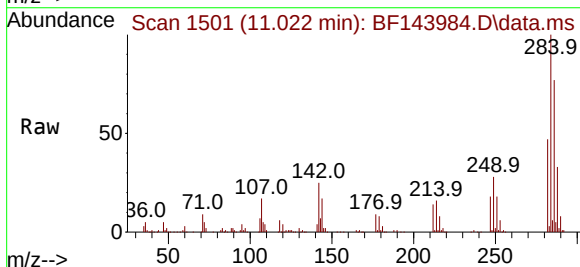
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

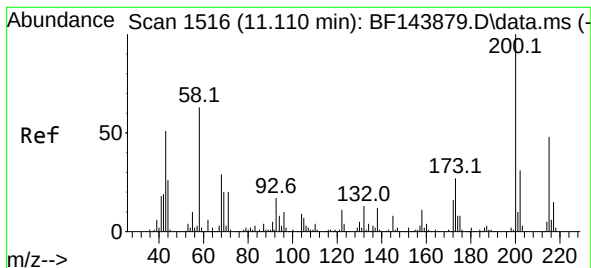
Tgt Ion:248 Resp: 205930
Ion Ratio Lower Upper
248 100
250 97.5 76.3 114.5
141 60.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.500 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:284 Resp: 239195
Ion Ratio Lower Upper
284 100
142 25.5 20.6 30.8
249 28.4 23.2 34.8





#69

Atrazine

Concen: 38.641 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

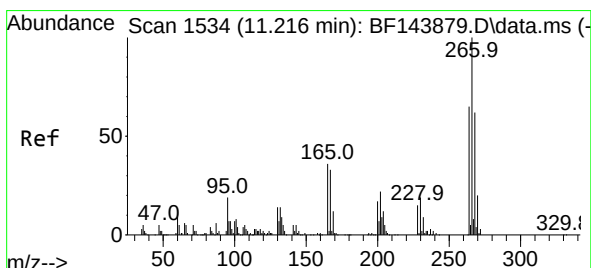
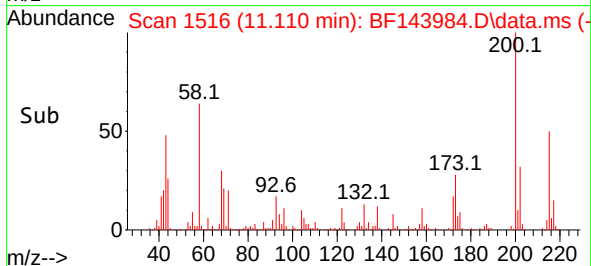
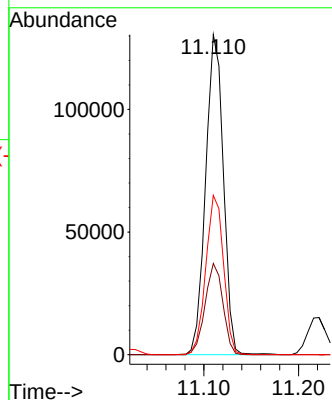
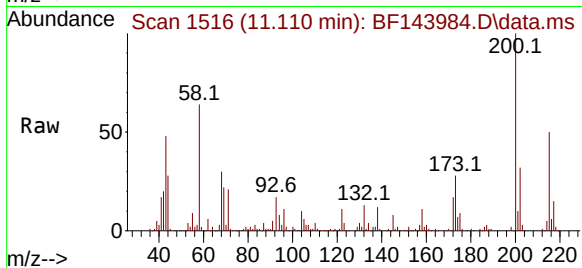
Tgt Ion:200 Resp: 169754

Ion Ratio Lower Upper

200 100

173 28.5 7.0 47.0

215 49.8 27.8 67.8



#70

Pentachlorophenol

Concen: 37.622 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

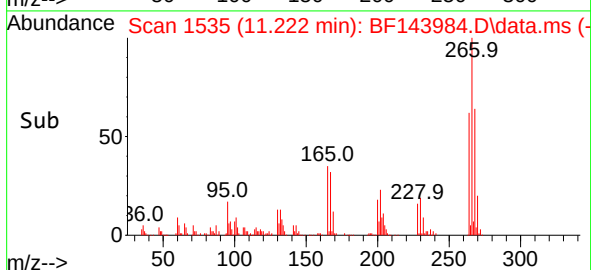
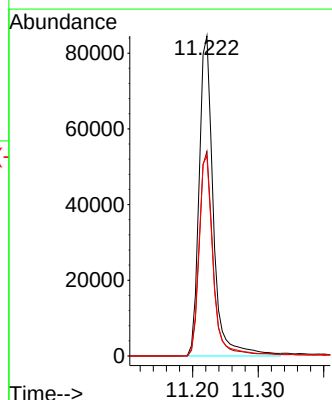
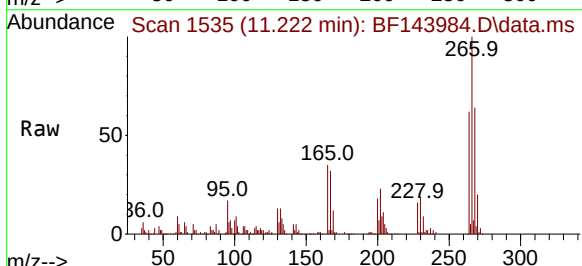
Tgt Ion:266 Resp: 127614

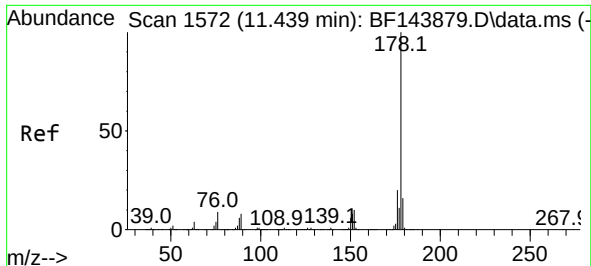
Ion Ratio Lower Upper

266 100

268 63.9 49.4 74.0

264 62.4 51.8 77.6

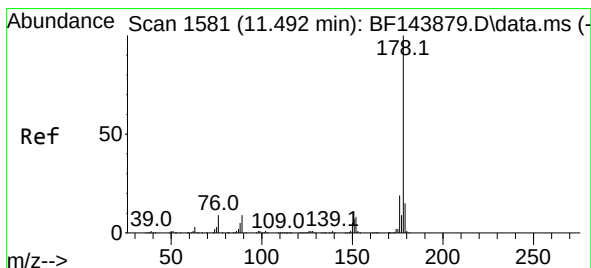
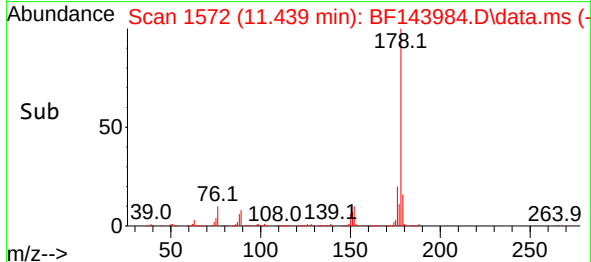
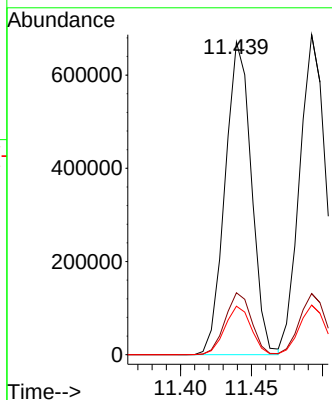
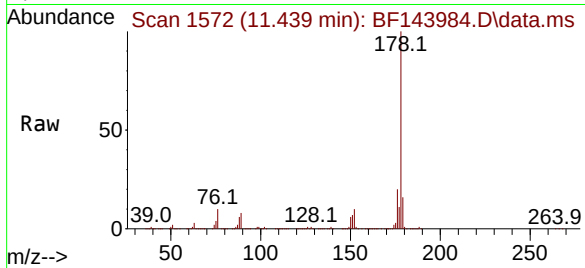




#71
Phenanthrene
Concen: 38.651 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

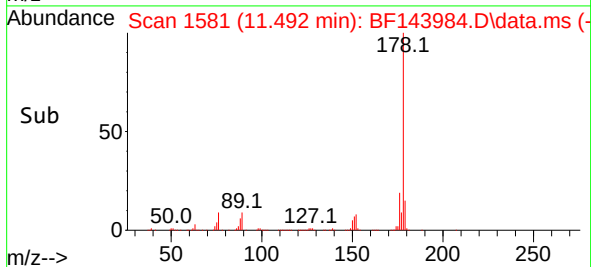
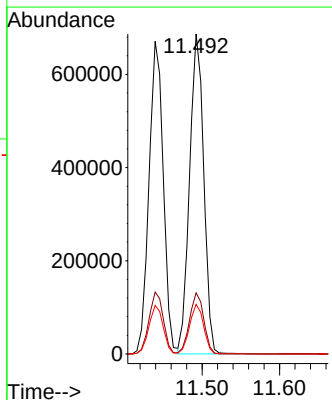
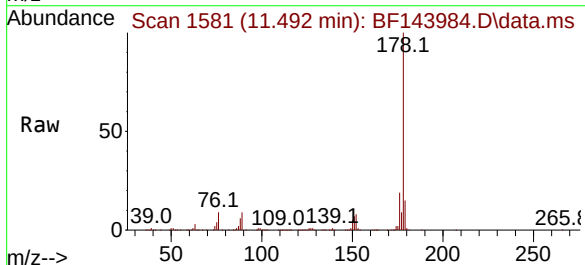
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

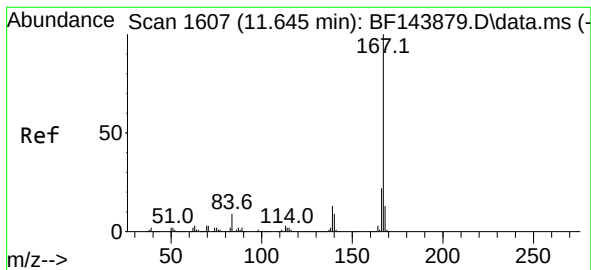
Tgt Ion:178 Resp: 864978
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 38.599 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:178 Resp: 872658
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.5 12.2 18.2





#73

Carbazole

Concen: 38.072 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

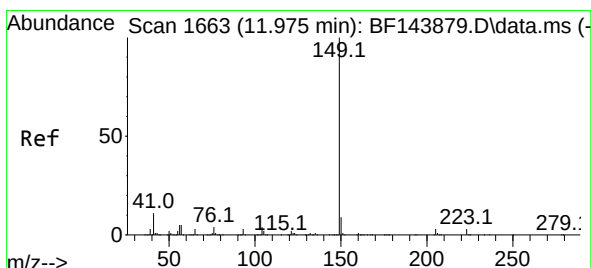
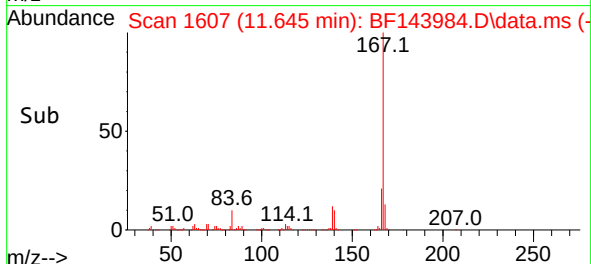
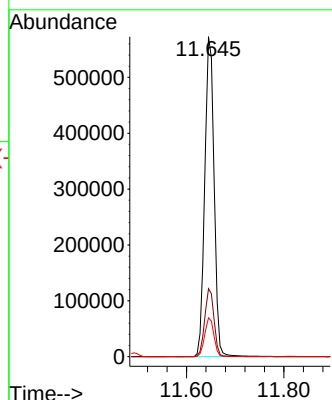
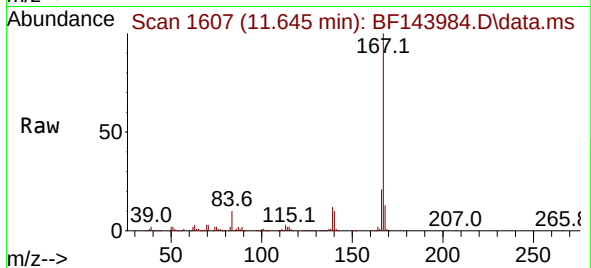
Tgt Ion:167 Resp: 762337

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.2 10.1 15.1



#74

Di-n-butylphthalate

Concen: 40.081 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

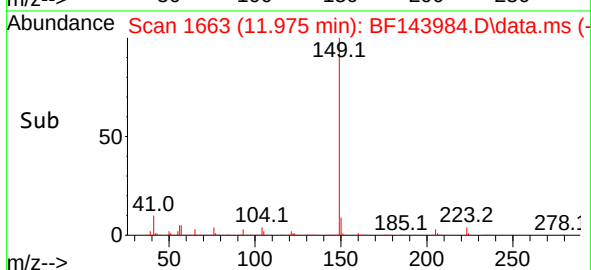
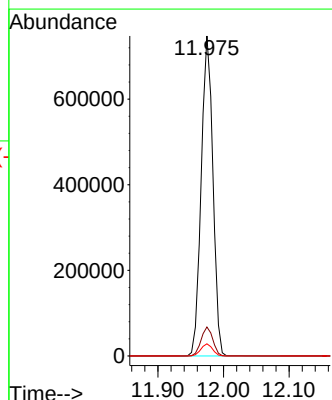
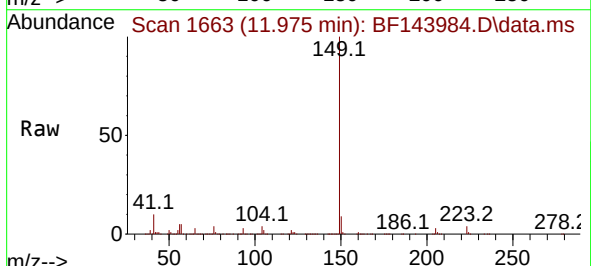
Tgt Ion:149 Resp: 930145

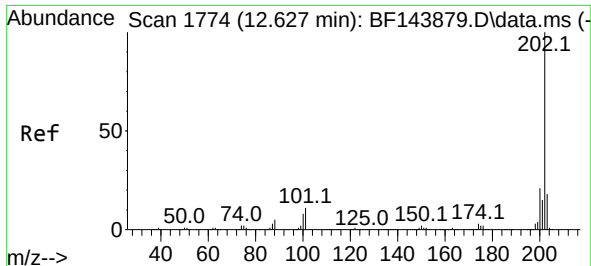
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 3.8 3.4 5.2

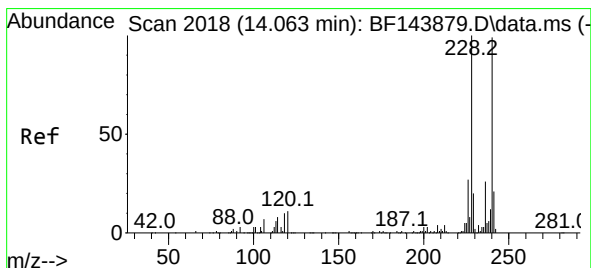
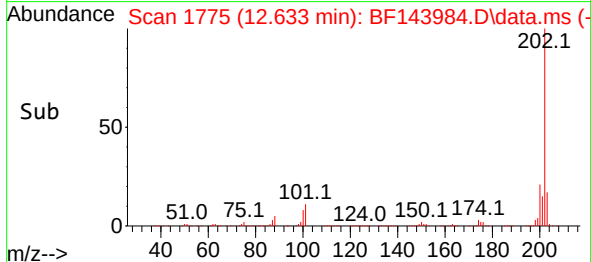
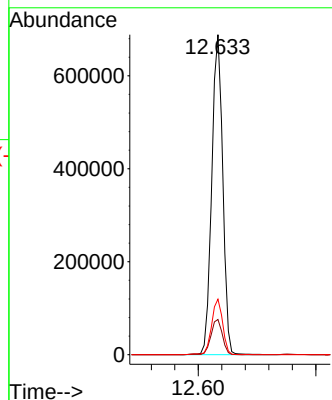
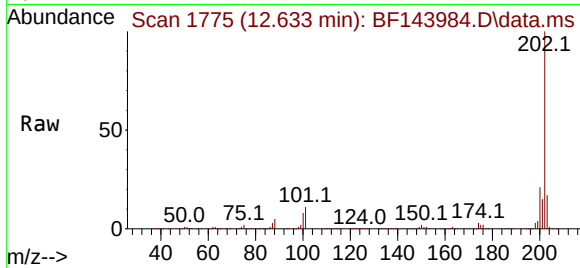




#75
Fluoranthene
Concen: 38.579 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

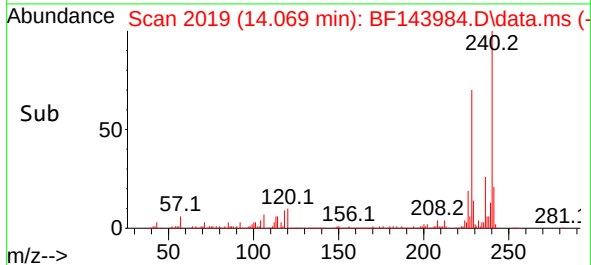
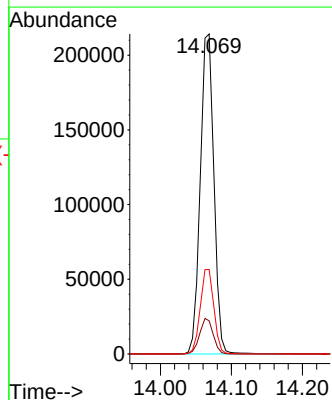
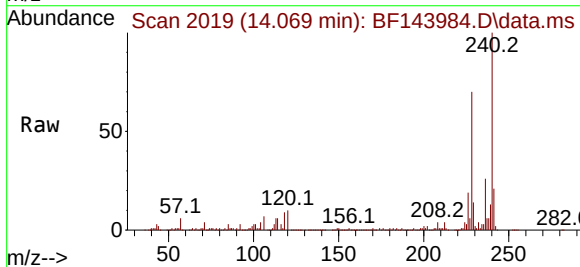
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

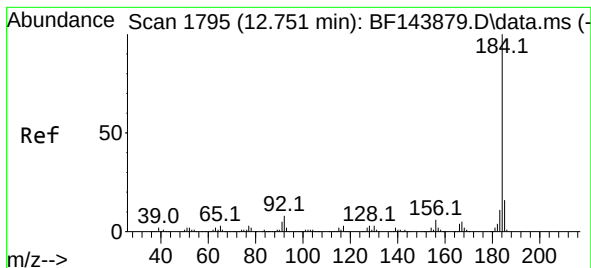
Tgt Ion:202 Resp: 891783
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.001 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:240 Resp: 286617
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 26.4 21.1 31.7





#77

Benzidine

Concen: 33.035 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

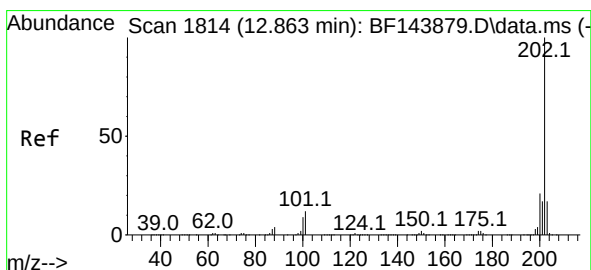
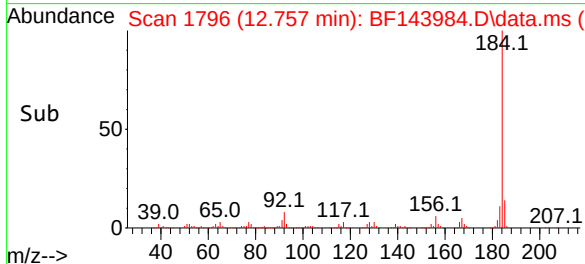
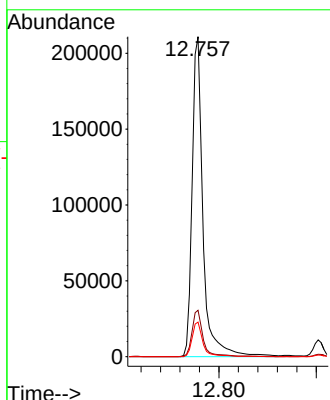
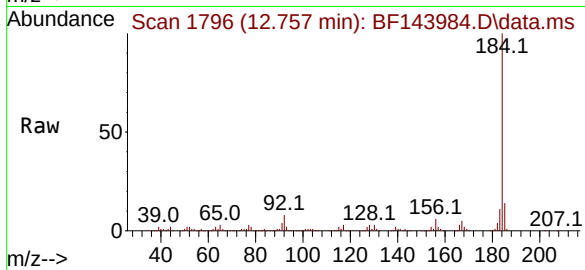
Tgt Ion:184 Resp: 328763

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 10.8 8.8 13.2



#78

Pyrene

Concen: 38.018 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

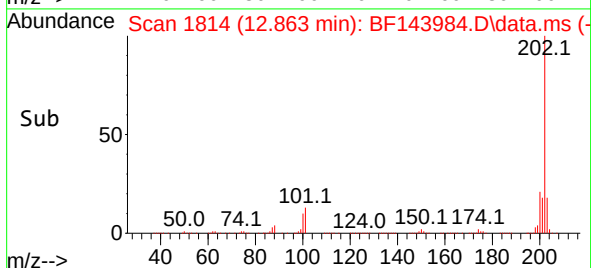
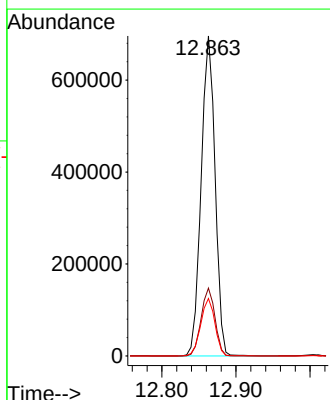
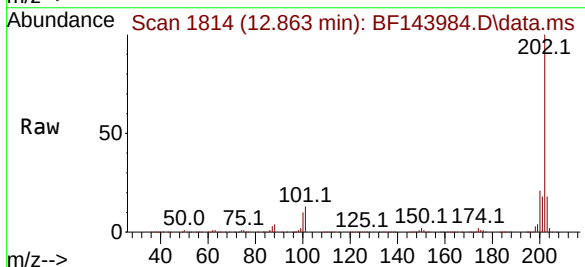
Tgt Ion:202 Resp: 908439

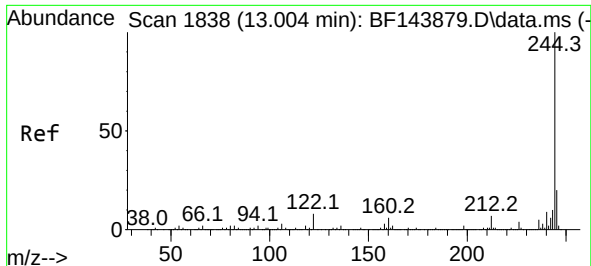
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 18.0 13.8 20.6

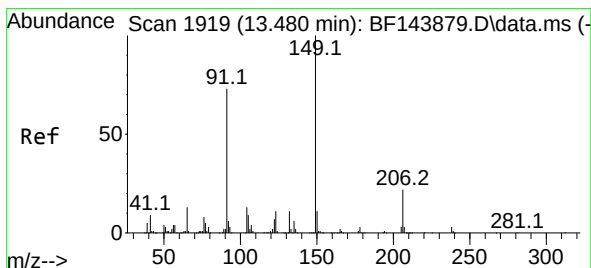
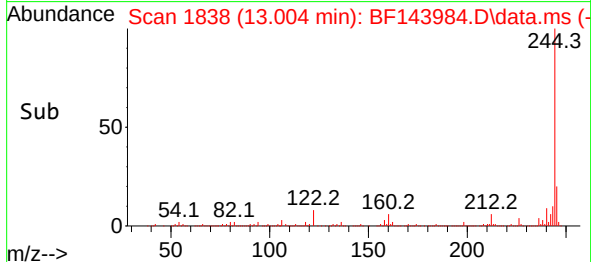
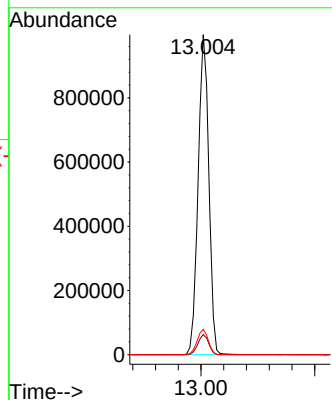
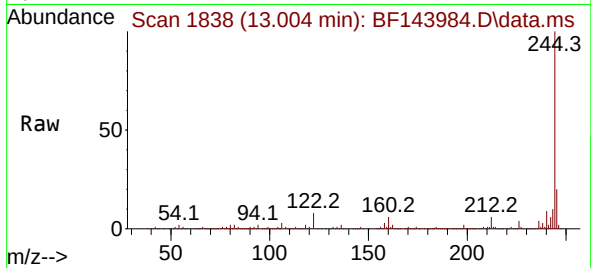




#79
 Terphenyl-d14
 Concen: 78.038 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

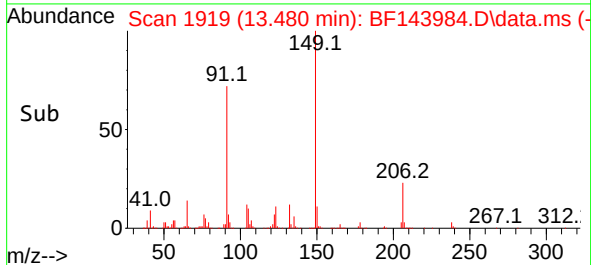
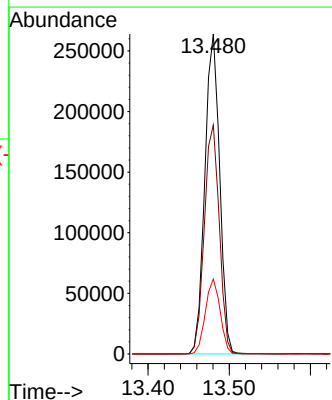
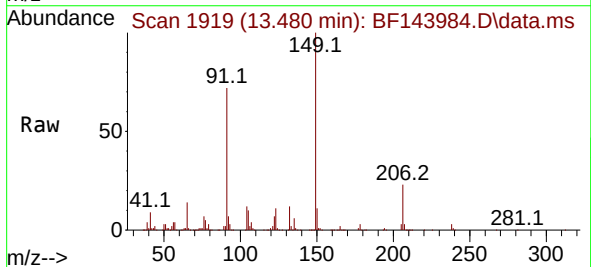
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

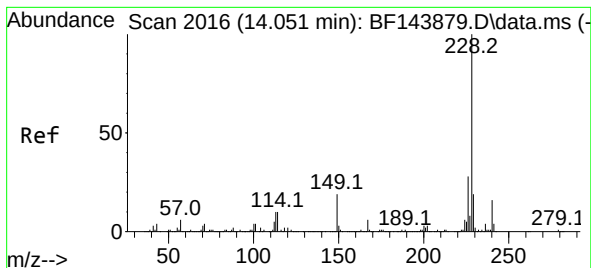
Tgt Ion:244 Resp: 1308721
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.9 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 43.034 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143984.D
 Acq: 17 Oct 2025 14:43

Tgt Ion:149 Resp: 333959
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.2 87.2
 206 23.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 40.339 ng

RT: 14.057 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

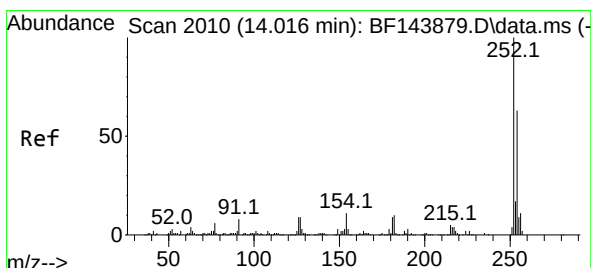
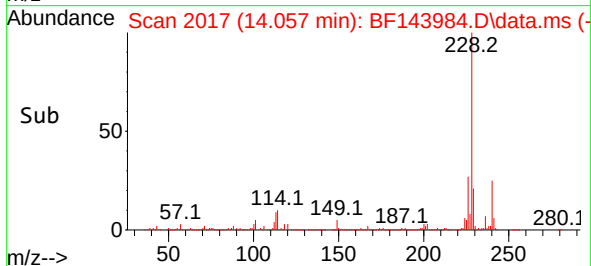
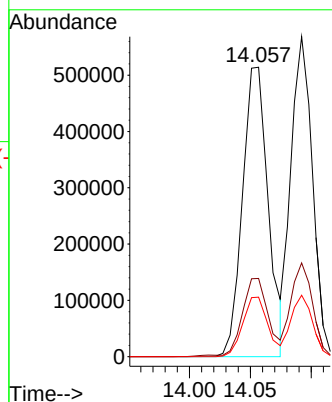
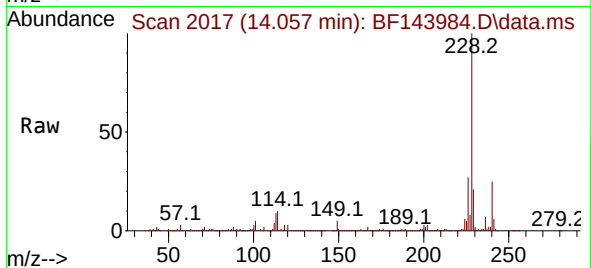
Tgt Ion:228 Resp: 756604

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

229 20.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.150 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

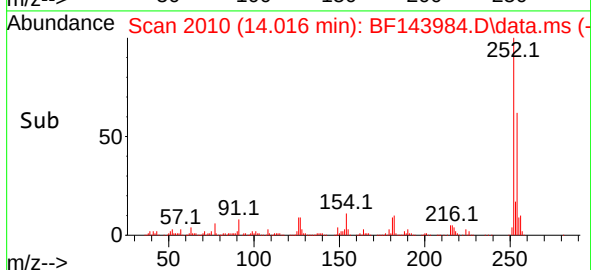
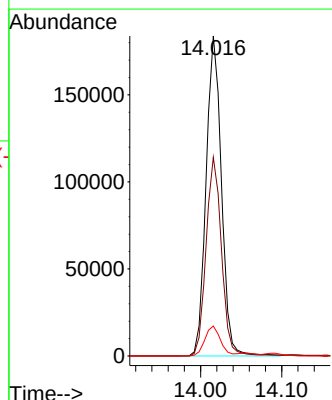
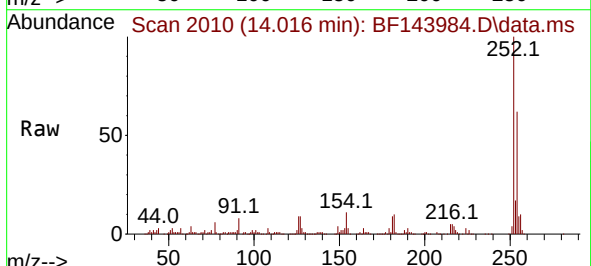
Tgt Ion:252 Resp: 240929

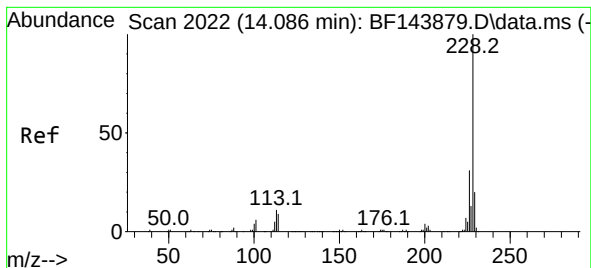
Ion Ratio Lower Upper

252 100

254 62.1 50.6 76.0

126 9.4 7.0 10.6





#83

Chrysene

Concen: 40.402 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

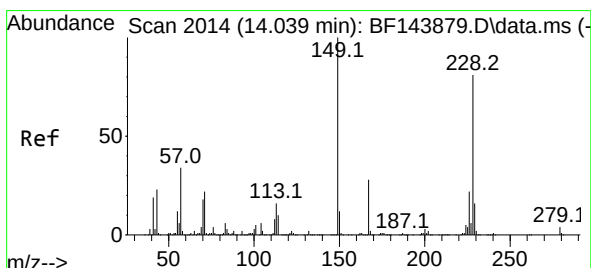
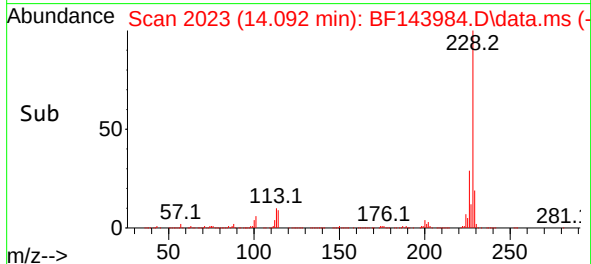
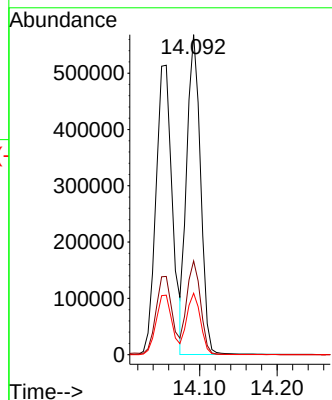
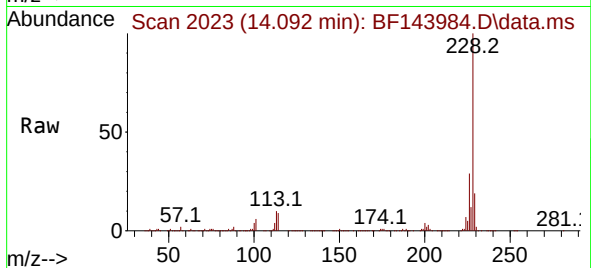
Tgt Ion:228 Resp: 701361

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.371 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

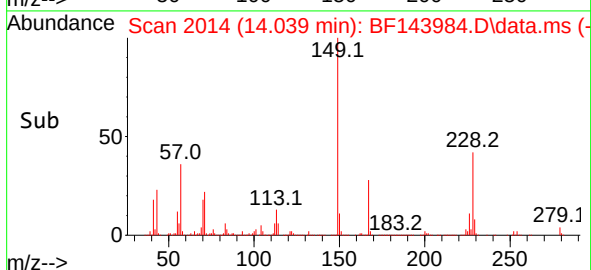
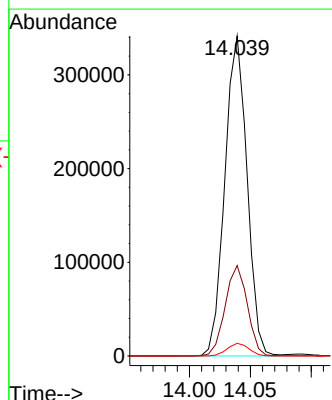
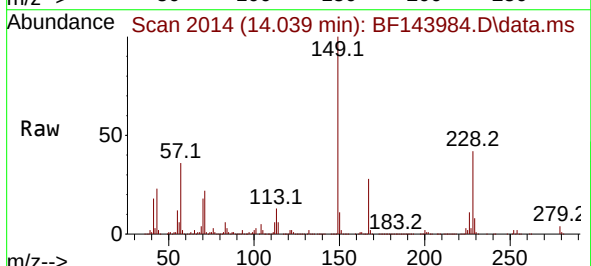
Tgt Ion:149 Resp: 433781

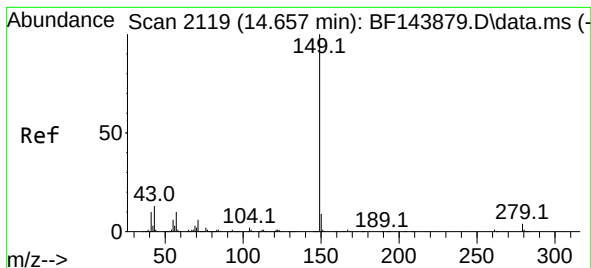
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 4.0 3.1 4.7

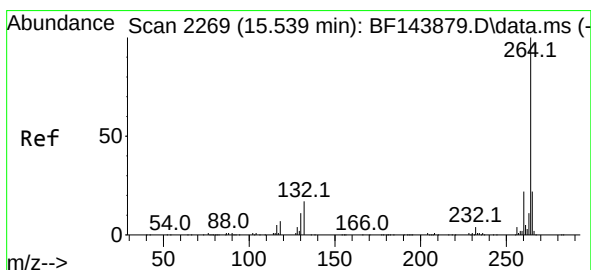
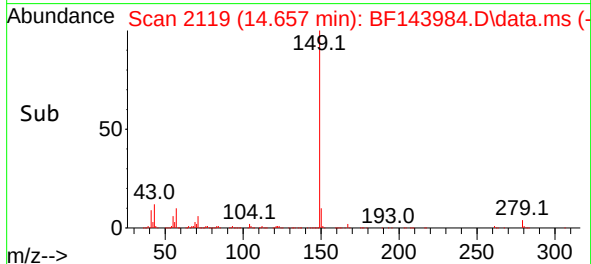
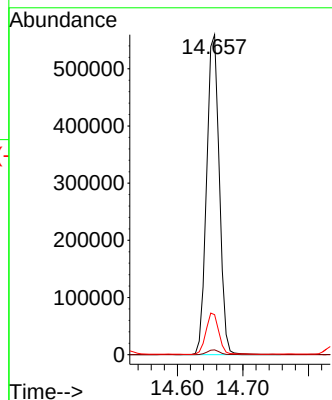
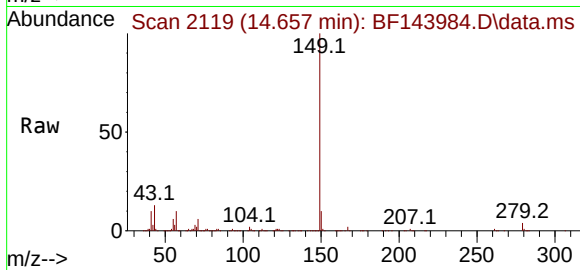




#85
Di-n-octyl phthalate
Concen: 49.093 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

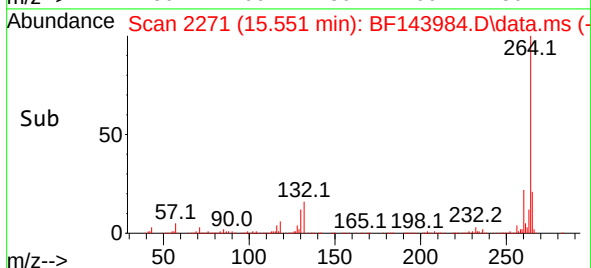
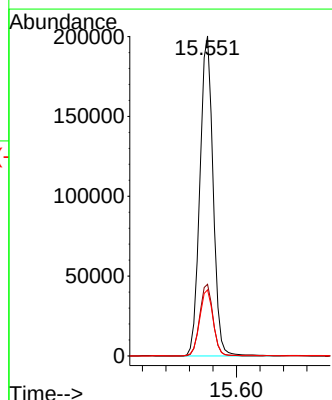
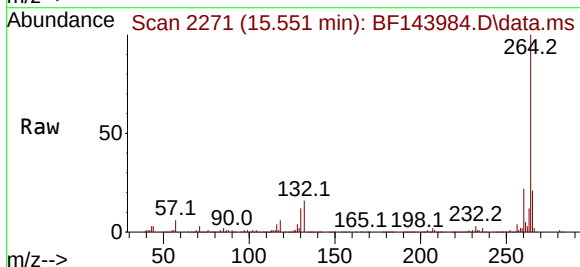
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

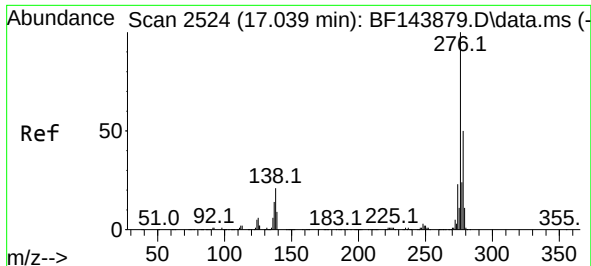
Tgt Ion:149 Resp: 754279
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.1 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:264 Resp: 311878
Ion Ratio Lower Upper
264 100
260 22.4 17.8 26.8
265 20.6 17.5 26.3

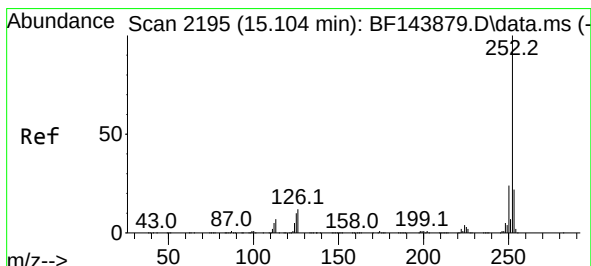
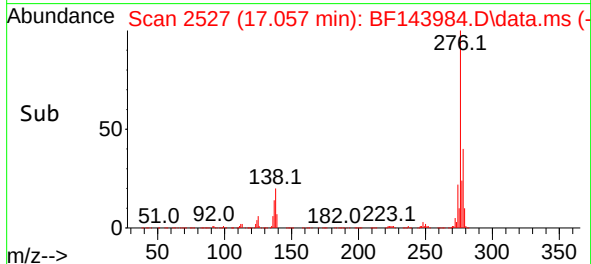
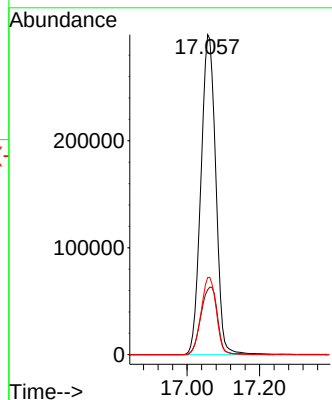
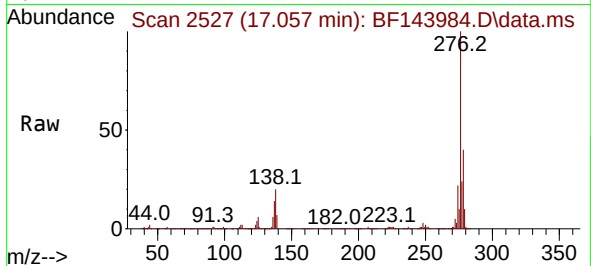




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.469 ng
RT: 17.057 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

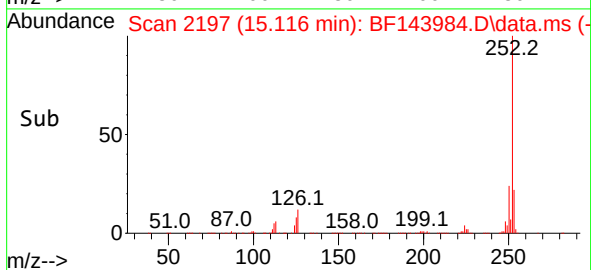
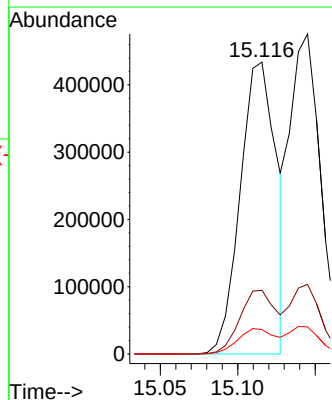
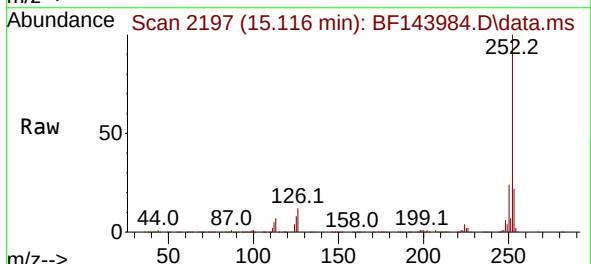
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

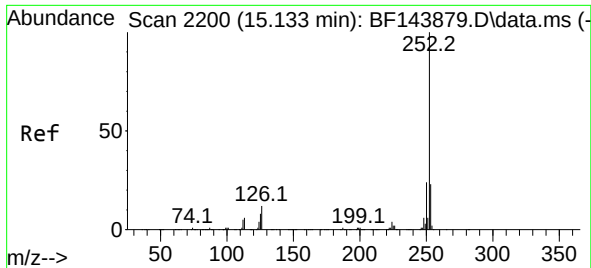
Tgt Ion:276 Resp: 849811
Ion Ratio Lower Upper
276 100
138 23.4 18.2 27.2
277 24.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 39.229 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:252 Resp: 702798
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.3 7.8 11.6

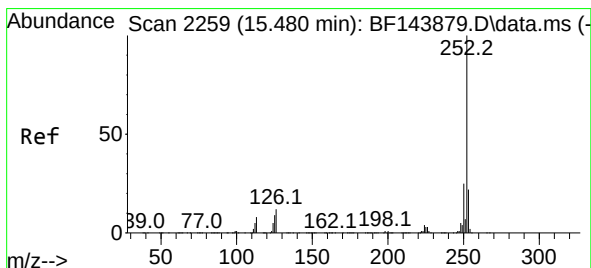
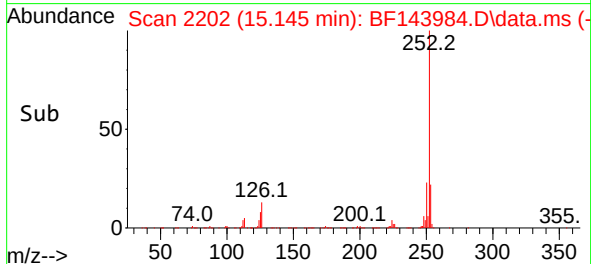
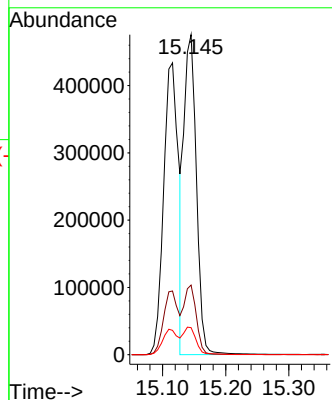
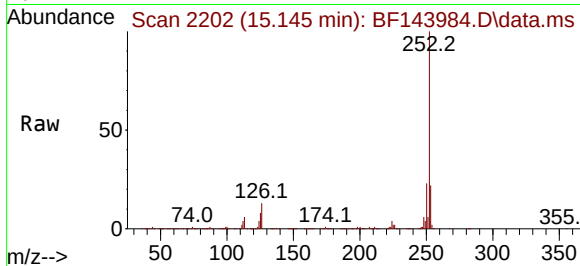




#89
Benzo(k)fluoranthene
Concen: 39.648 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

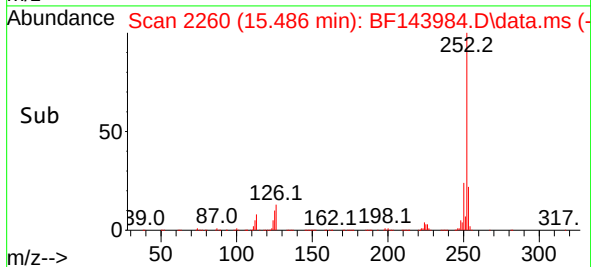
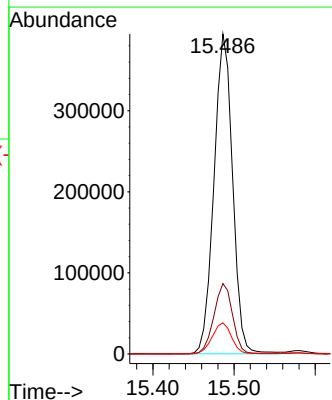
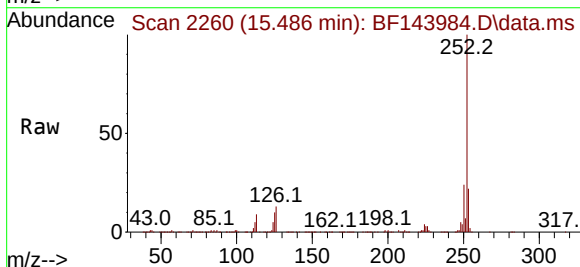
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

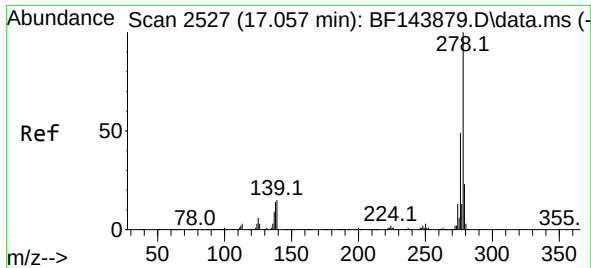
Tgt Ion:252 Resp: 657259
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.477 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:252 Resp: 628775
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.8 7.0 10.4

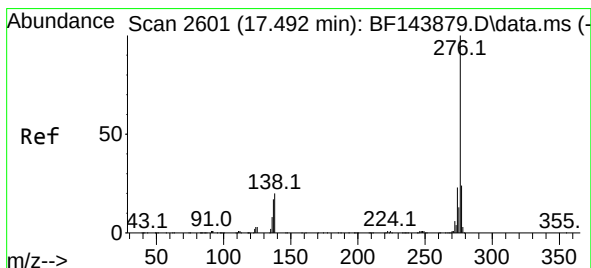
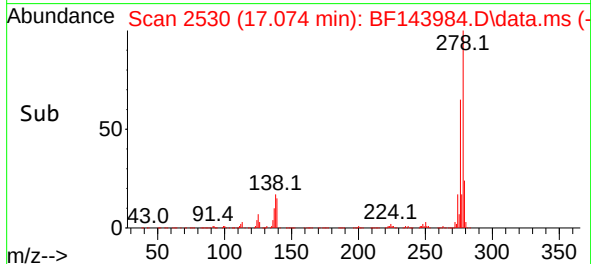
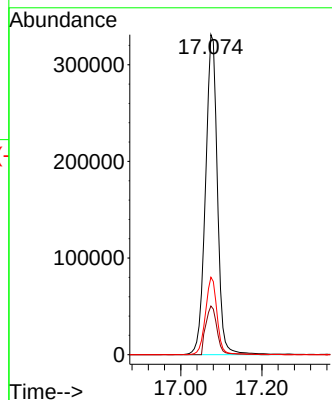
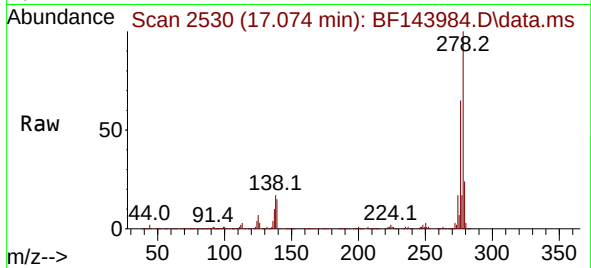




#91
Dibenzo(a,h)anthracene
Concen: 43.846 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 673892
Ion Ratio Lower Upper
278 100
139 15.2 11.7 17.5
279 24.2 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 43.916 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF143984.D
Acq: 17 Oct 2025 14:43

Tgt Ion:276 Resp: 674970
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.3 16.1 24.1

