

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143003.D
 Acq On : 07 Jul 2025 12:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66299	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	250576	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	128386	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	196682	20.000	ng	0.00
76) Chrysene-d12	14.057	240	115356	20.000	ng	0.00
86) Perylene-d12	15.551	264	146144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	307448	77.207	ng	0.00
7) Phenol-d6	6.510	99	361466	76.939	ng	0.00
23) Nitrobenzene-d5	7.445	82	385910	84.475	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95878	72.570	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	821191	84.026	ng	0.00
79) Terphenyl-d14	12.992	244	608057	72.831	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	56991	35.782	ng	98
3) Pyridine	3.393	79	146566	36.706	ng	98
4) n-Nitrosodimethylamine	3.346	42	74697	36.176	ng	99
6) Aniline	6.539	93	237976	38.069	ng	# 91
8) 2-Chlorophenol	6.663	128	164969	38.405	ng	98
9) Benzaldehyde	6.428	77	118926	42.667	ng	99
10) Phenol	6.528	94	200512	38.395	ng	79
11) bis(2-Chloroethyl)ether	6.610	93	143962	38.570	ng	99
12) 1,3-Dichlorobenzene	6.816	146	186294	38.778	ng	99
13) 1,4-Dichlorobenzene	6.892	146	190051	39.211	ng	99
14) 1,2-Dichlorobenzene	7.045	146	178538	38.836	ng	99
15) Benzyl Alcohol	7.022	79	133701	39.365	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	218081	36.367	ng	90
17) 2-Methylphenol	7.134	107	129791	39.871	ng	97
18) Hexachloroethane	7.386	117	67136	39.601	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	107572	39.369	ng	96
20) 3+4-Methylphenols	7.286	107	162236	39.972	ng	95
22) Acetophenone	7.286	105	217414	39.346	ng	100
24) Nitrobenzene	7.463	77	159724	38.630	ng	98
25) Isophorone	7.698	82	283403	38.672	ng	99
26) 2-Nitrophenol	7.781	139	92413	41.029	ng	97
27) 2,4-Dimethylphenol	7.816	122	144446	37.023	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	184372	39.573	ng	99
29) 2,4-Dichlorophenol	8.022	162	139097	39.320	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	153647	39.498	ng	99
31) Naphthalene	8.186	128	482441	39.334	ng	100
32) Benzoic acid	7.933	122	68529	34.462	ng	96
33) 4-Chloroaniline	8.233	127	185501	37.195	ng	99
34) Hexachlorobutadiene	8.298	225	95769	40.249	ng	100
35) Caprolactam	8.604	113	35981	38.545	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	138376	39.359	ng	99
37) 2-Methylnaphthalene	8.875	142	297088	39.070	ng	99
38) 1-Methylnaphthalene	8.975	142	306180	38.897	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	151986	40.120	ng	99
41) Hexachlorocyclopentadiene	9.028	237	88069	40.967	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	93588	37.913	ng	99

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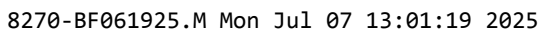
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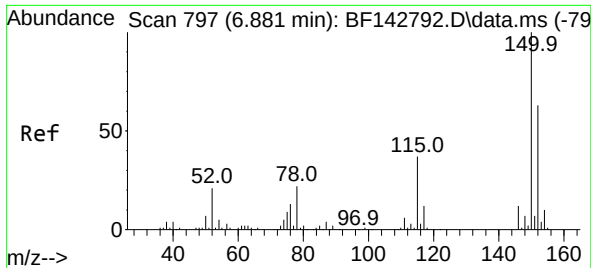
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	97051	37.348	ng	99
46) 1,1'-Biphenyl	9.339	154	397007	39.146	ng	99
47) 2-Chloronaphthalene	9.369	162	297910	39.144	ng	99
48) 2-Nitroaniline	9.463	65	82602	38.713	ng	97
49) Acenaphthylene	9.780	152	489067	39.035	ng	99
50) Dimethylphthalate	9.639	163	321177	38.647	ng	99
51) 2,6-Dinitrotoluene	9.704	165	70859	38.826	ng	99
52) Acenaphthene	9.951	154	283390	37.073	ng	99
53) 3-Nitroaniline	9.875	138	76148	37.896	ng	98
54) 2,4-Dinitrophenol	9.992	184	43433	47.528	ng	97
55) Dibenzofuran	10.127	168	422464	38.541	ng	99
56) 4-Nitrophenol	10.045	139	53076	38.583	ng	99
57) 2,4-Dinitrotoluene	10.110	165	92551	38.178	ng	95
58) Fluorene	10.469	166	327065	38.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	75288	35.944	ng	94
60) Diethylphthalate	10.333	149	313222	38.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	158156	38.716	ng	99
62) 4-Nitroaniline	10.486	138	68055	37.032	ng	97
63) Azobenzene	10.616	77	275193	37.788	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	47520	39.944	ng	99
66) n-Nitrosodiphenylamine	10.574	169	276920	40.625	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	91397	40.831	ng	99
68) Hexachlorobenzene	11.022	284	100307	40.328	ng	97
69) Atrazine	11.104	200	72466	41.168	ng	99
70) Pentachlorophenol	11.222	266	56387	45.495	ng	98
71) Phenanthrene	11.433	178	413131	38.776	ng	99
72) Anthracene	11.486	178	425385	38.930	ng	99
73) Carbazole	11.639	167	349364	37.050	ng	100
74) Di-n-butylphthalate	11.963	149	397485	40.464	ng	99
75) Fluoranthene	12.627	202	367194	36.315	ng	99
77) Benzidine	12.745	184	196199	45.269	ng	100
78) Pyrene	12.857	202	411055	38.016	ng	99
80) Butylbenzylphthalate	13.463	149	138872	44.276	ng	99
81) Benzo(a)anthracene	14.045	228	304337	39.108	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	110843	43.913	ng	99
83) Chrysene	14.080	228	280610	40.410	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	212032	46.985	ng	99
85) Di-n-octyl phthalate	14.639	149	393425	46.235	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	390002	35.035	ng	98
88) Benzo(b)fluoranthene	15.109	252	347540	41.097	ng	100
89) Benzo(k)fluoranthene	15.139	252	292264	36.941	ng	99
90) Benzo(a)pyrene	15.492	252	321220	39.319	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	321404	35.535	ng	98
92) Benzo(g,h,i)perylene	17.539	276	305022	33.820	ng	98

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

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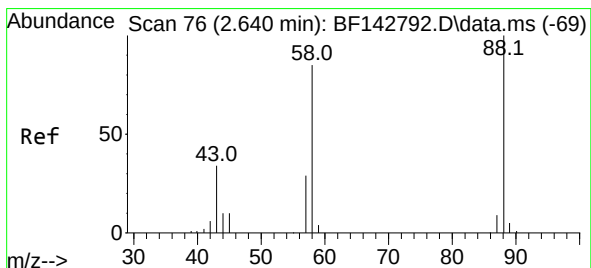
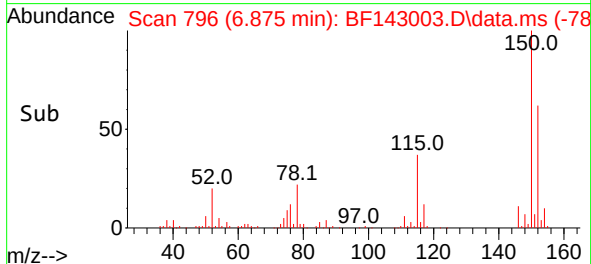
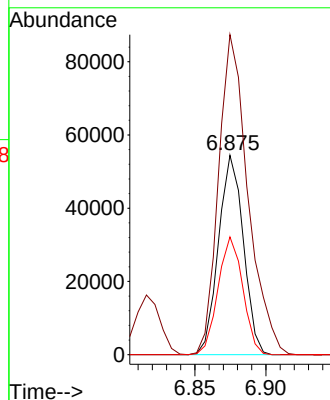
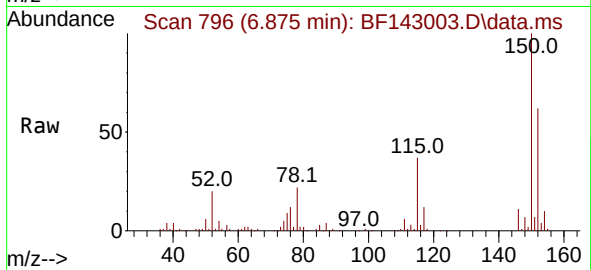




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143003.D
 Acq: 07 Jul 2025 12:12

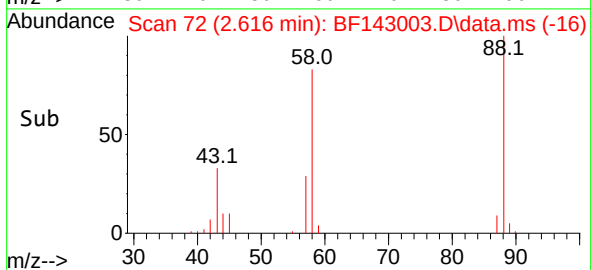
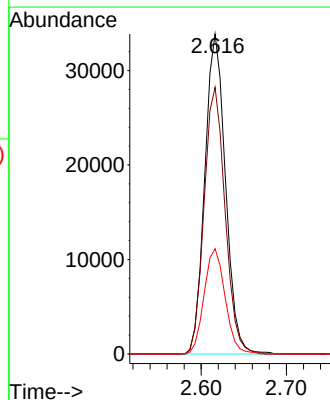
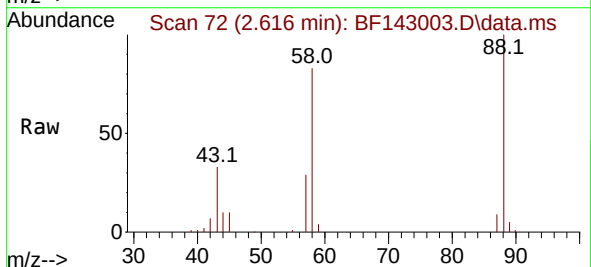
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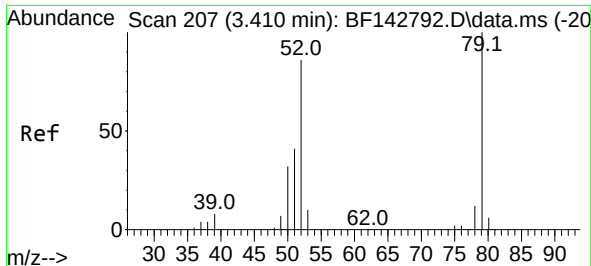
Tgt Ion:152 Resp: 66299
 Ion Ratio Lower Upper
 152 100
 150 160.5 127.2 190.8
 115 59.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.782 ng
 RT: 2.616 min Scan# 72
 Delta R.T. -0.024 min
 Lab File: BF143003.D
 Acq: 07 Jul 2025 12:12

Tgt Ion: 88 Resp: 56991
 Ion Ratio Lower Upper
 88 100
 58 84.7 69.1 103.7
 43 33.4 27.4 41.2

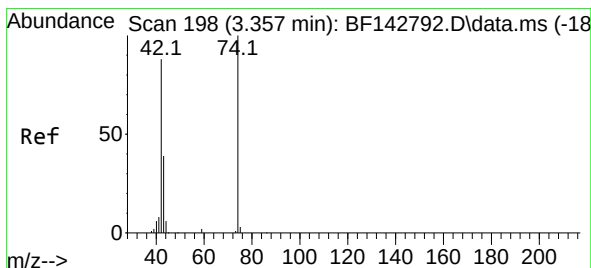
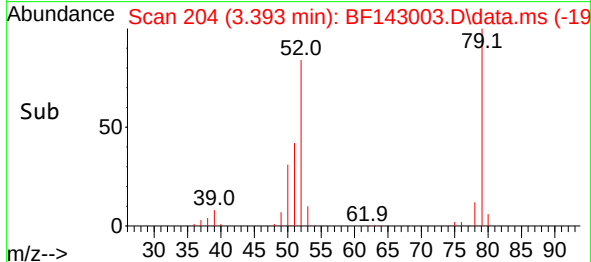
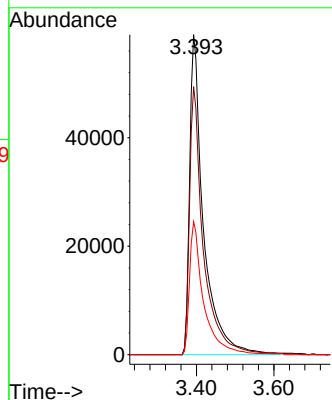
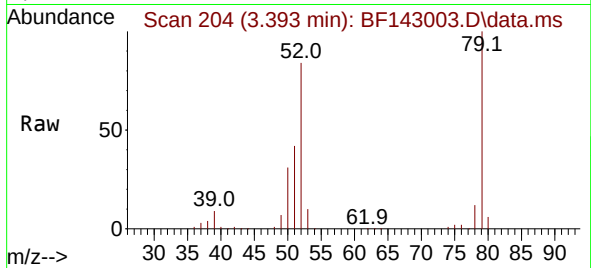




#3
Pyridine
Concen: 36.706 ng
RT: 3.393 min Scan# 207
Delta R.T. -0.018 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

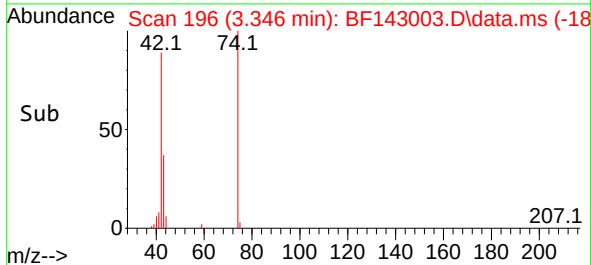
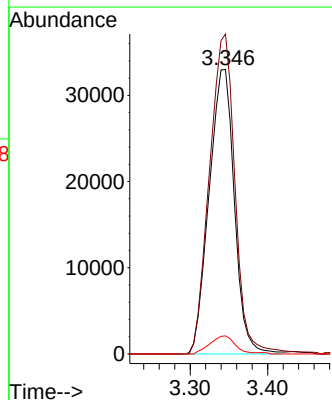
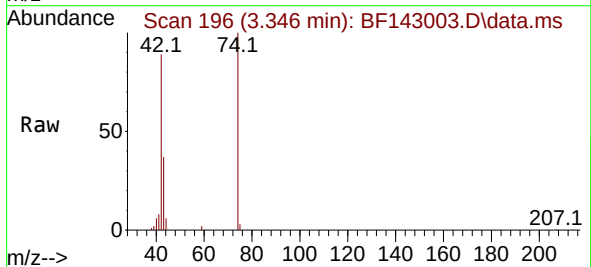
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ClientSampleId :
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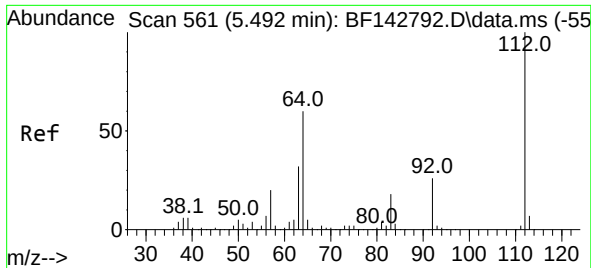
Tgt Ion: 79 Resp: 146566
Ion Ratio Lower Upper
79 100
52 83.7 69.2 103.8
51 41.6 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 36.176 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 42 Resp: 74697
Ion Ratio Lower Upper
42 100
74 112.5 90.9 136.3
44 6.4 5.8 8.6

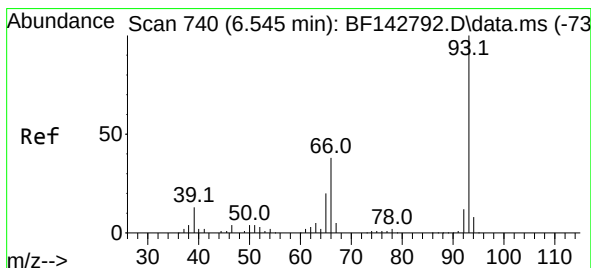
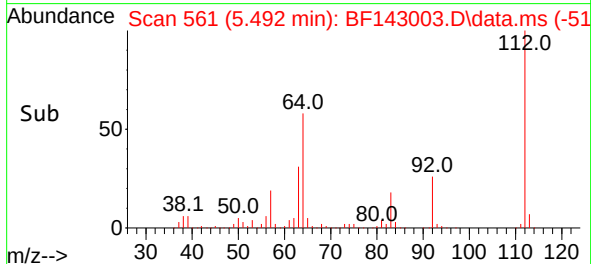
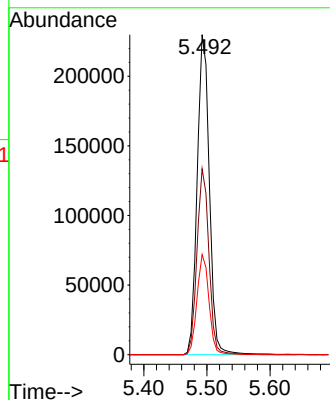
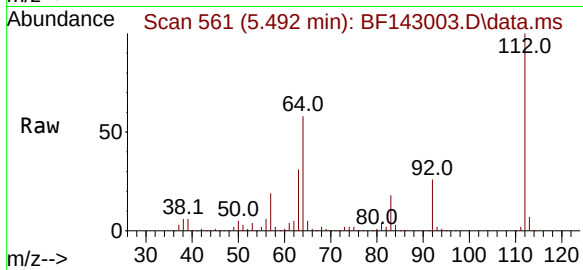




#5
2-Fluorophenol
Concen: 77.207 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

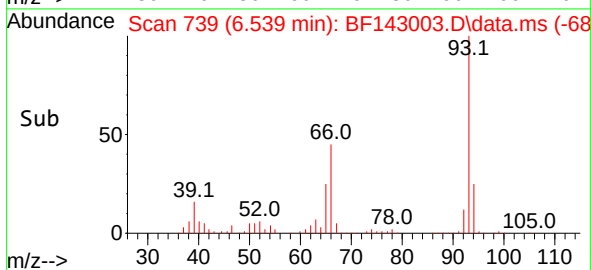
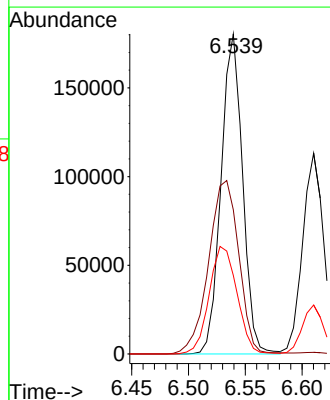
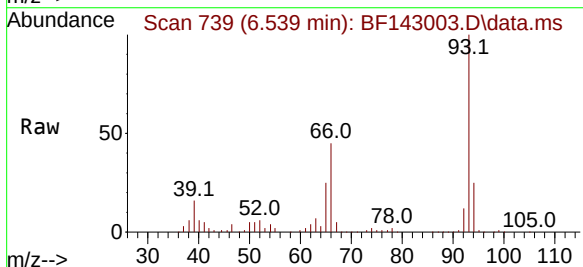
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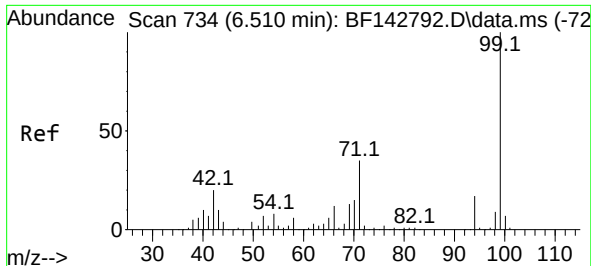
Tgt Ion:112 Resp: 307448
Ion Ratio Lower Upper
112 100
64 58.1 48.2 72.2
63 31.3 25.7 38.5



#6
Aniline
Concen: 38.069 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 93 Resp: 237976
Ion Ratio Lower Upper
93 100
66 45.0 31.8 47.6
65 24.6 16.2 24.2#

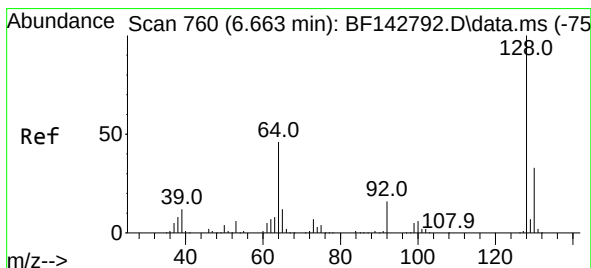
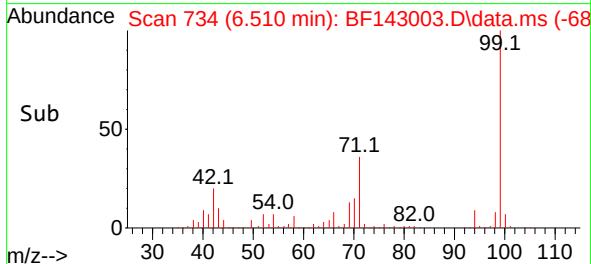
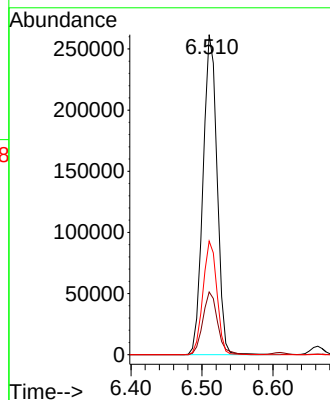
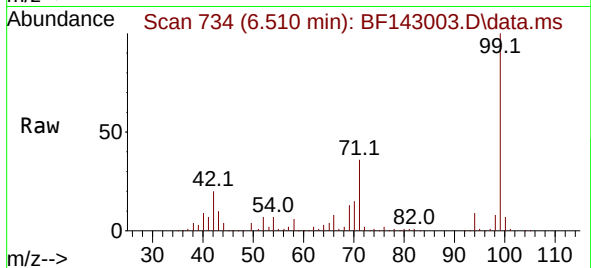




#7
Phenol-d6
Concen: 76.939 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

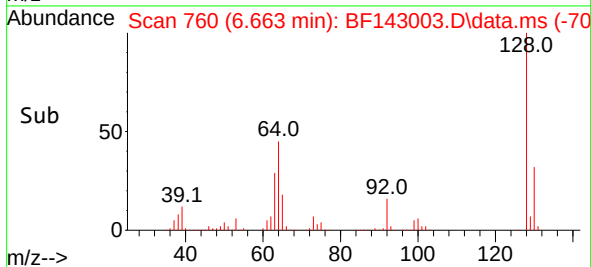
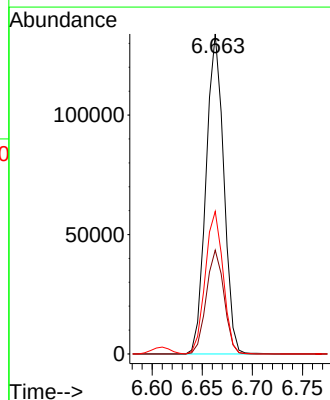
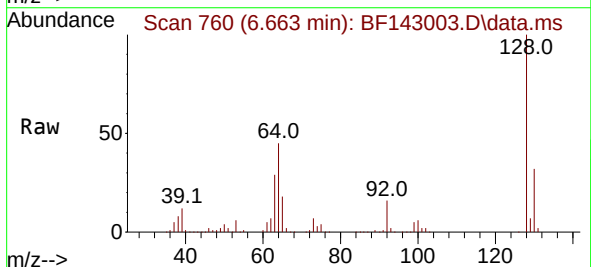
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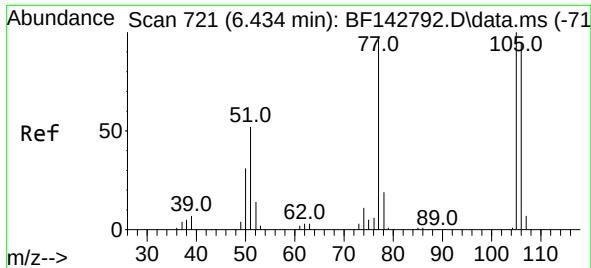
Tgt Ion: 99 Resp: 361466
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 38.405 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:128 Resp: 164969
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 44.6 26.5 66.5

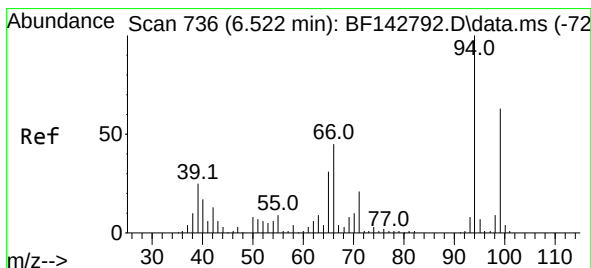
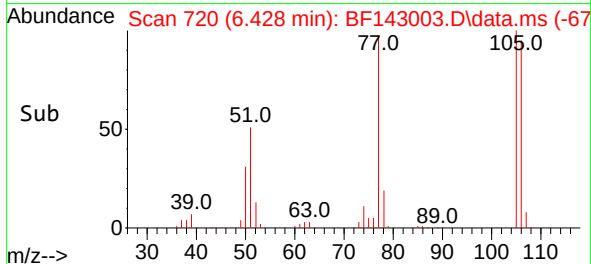
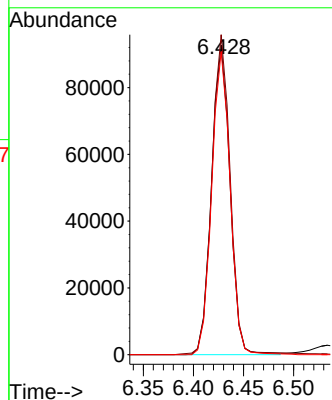
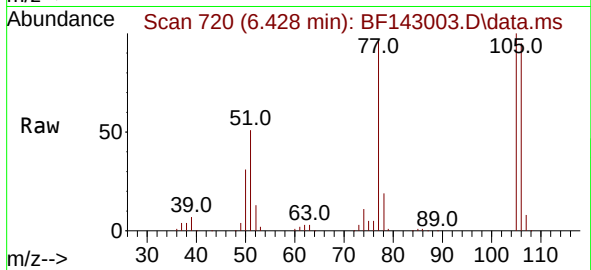




#9
Benzaldehyde
Concen: 42.667 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

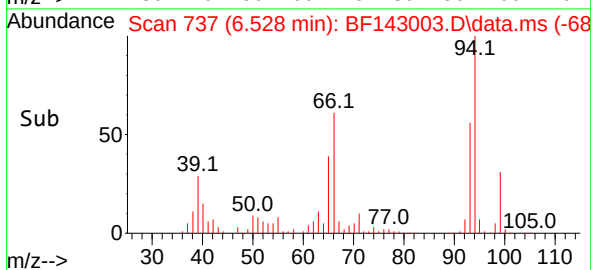
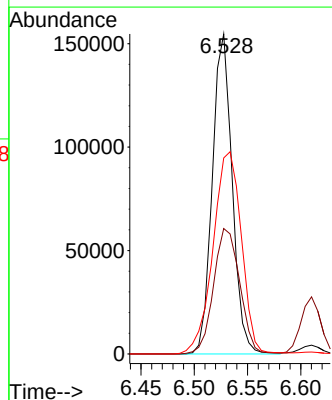
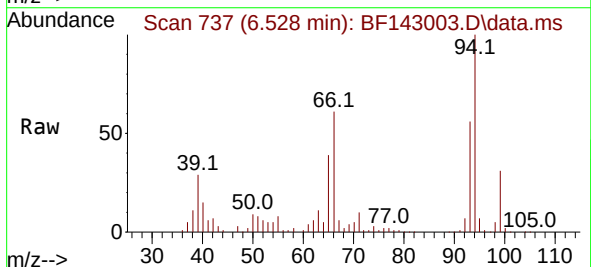
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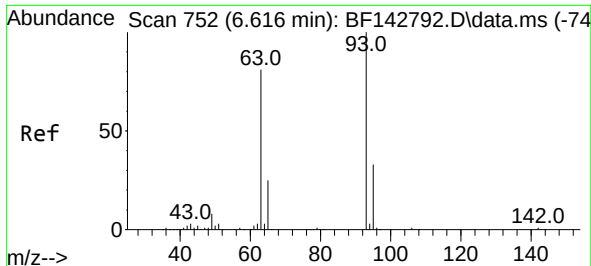
Tgt Ion: 77 Resp: 118926
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 98.0 78.7 118.7



#10
Phenol
Concen: 38.395 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 94 Resp: 200512
Ion Ratio Lower Upper
94 100
65 39.2 11.3 51.3
66 61.3 24.9 64.9

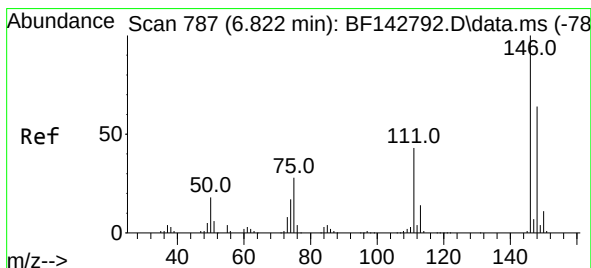
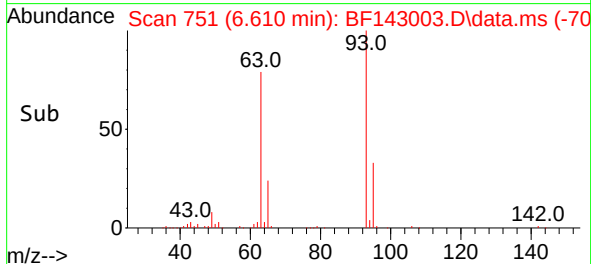
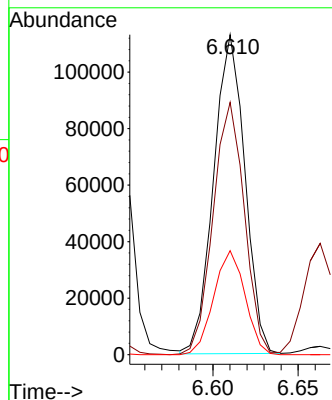
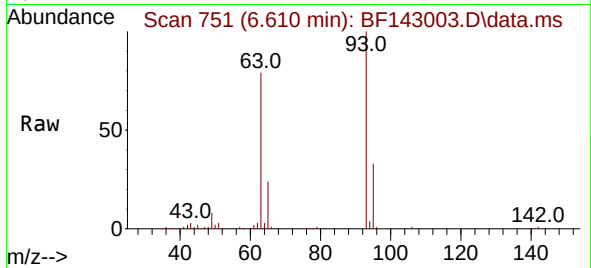




#11
bis(2-Chloroethyl)ether
Concen: 38.570 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

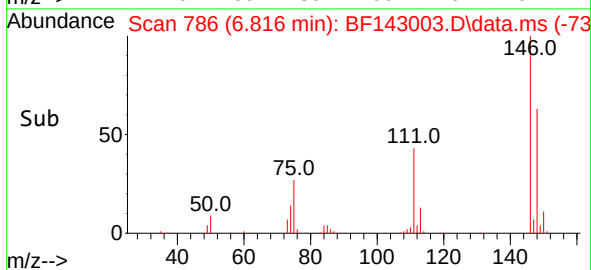
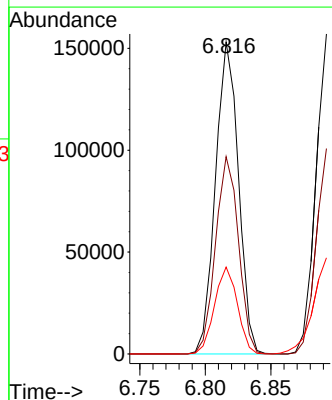
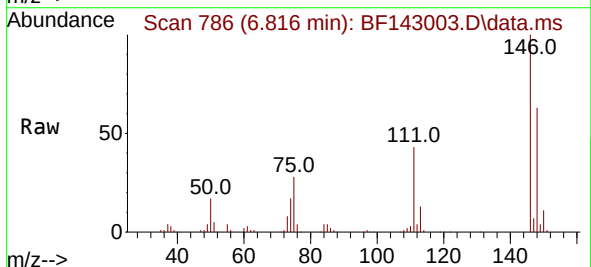
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

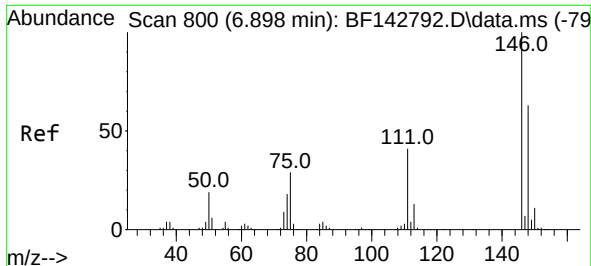
Tgt Ion: 93 Resp: 143962
Ion Ratio Lower Upper
93 100
63 78.9 60.3 100.3
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.778 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:146 Resp: 186294
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
75 27.8 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 39.211 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

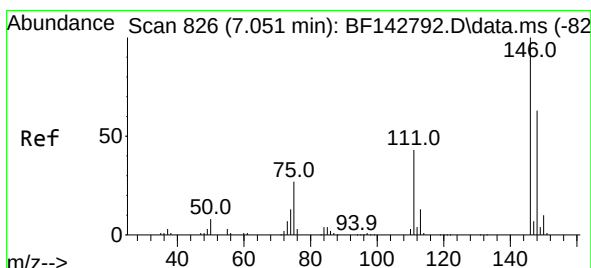
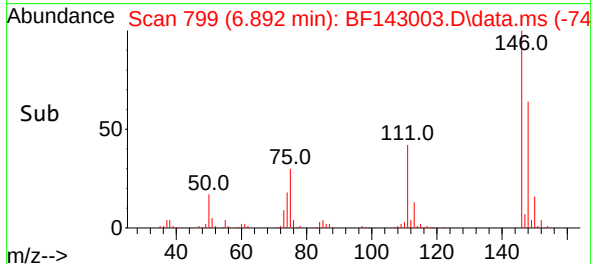
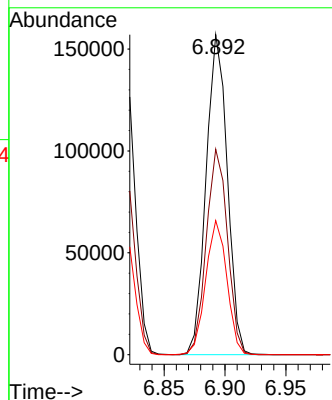
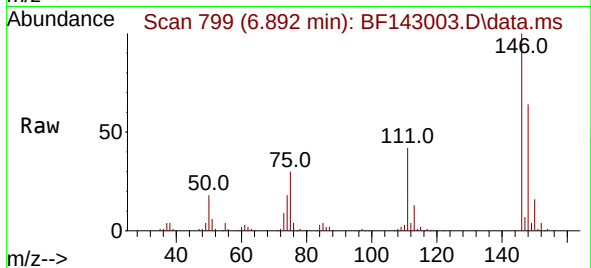
Tgt Ion:146 Resp: 190051

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.2

111 41.9 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 38.836 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

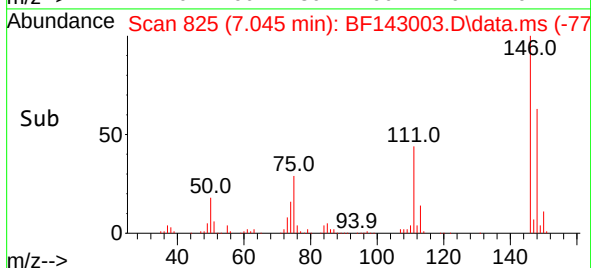
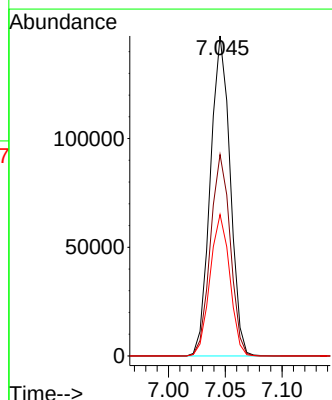
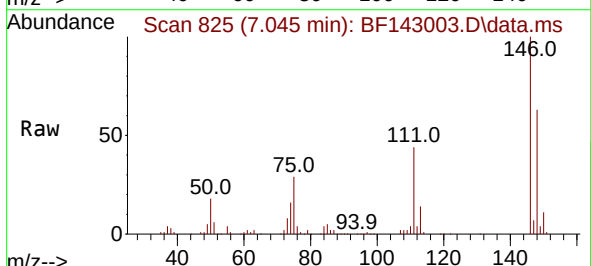
Tgt Ion:146 Resp: 178538

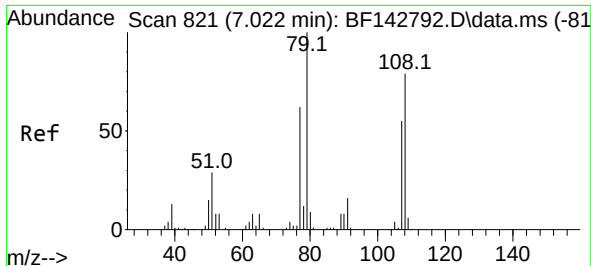
Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

111 44.2 34.1 51.1

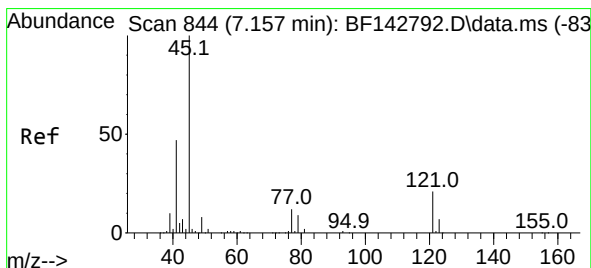
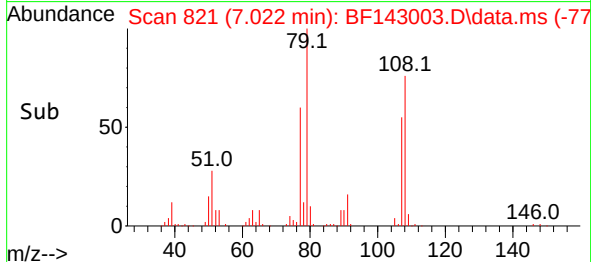
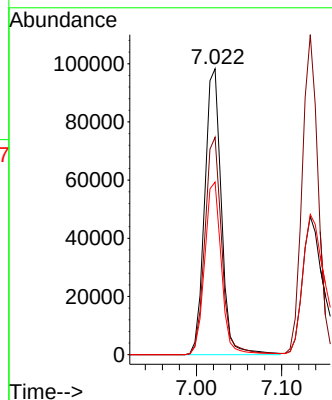
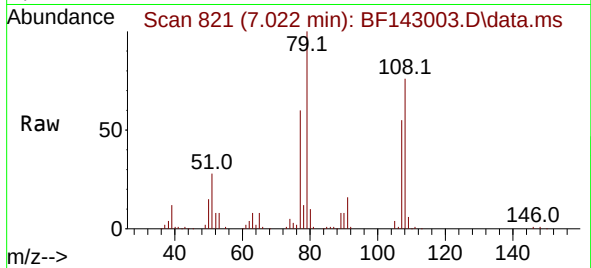




#15
Benzyl Alcohol
Concen: 39.365 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

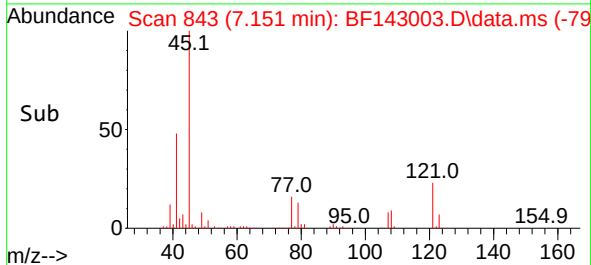
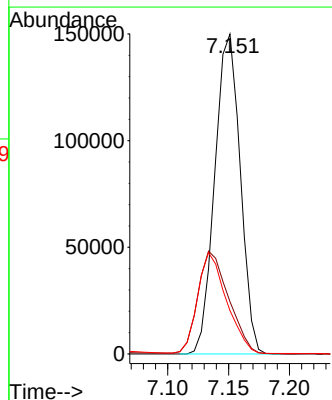
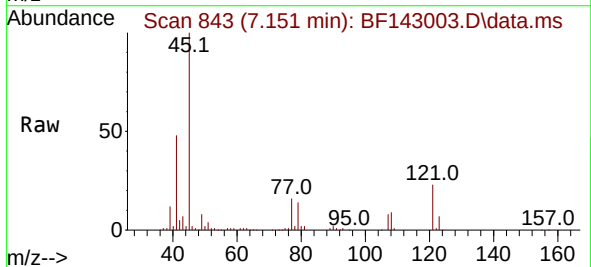
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

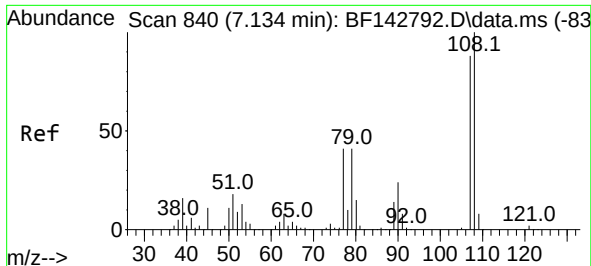
Tgt Ion: 79 Resp: 133701
Ion Ratio Lower Upper
79 100
108 76.1 63.4 95.0
77 60.4 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.367 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 45 Resp: 218081
Ion Ratio Lower Upper
45 100
77 16.4 0.0 32.8
79 13.6 0.0 29.8

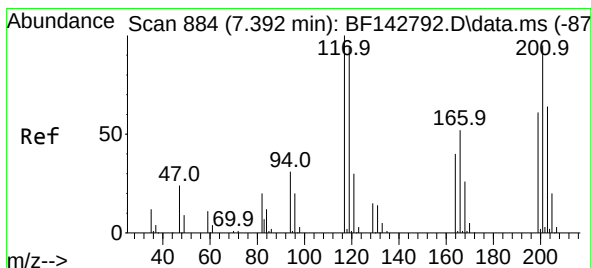
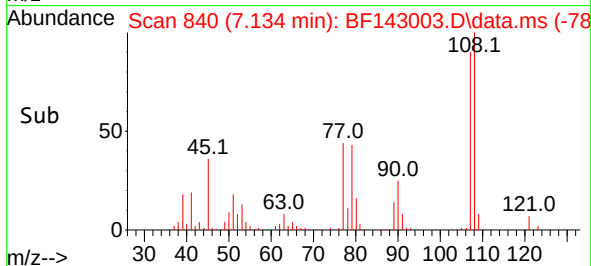
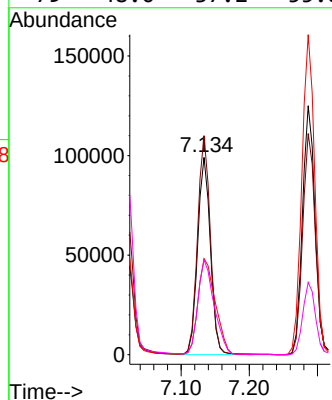
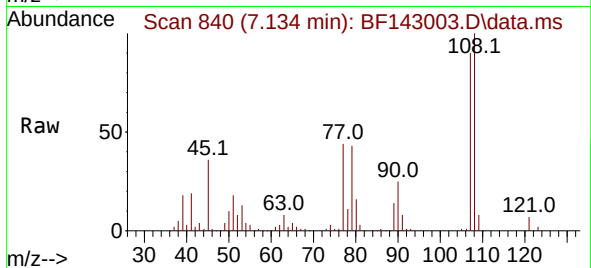




#17
2-Methylphenol
Concen: 39.871 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

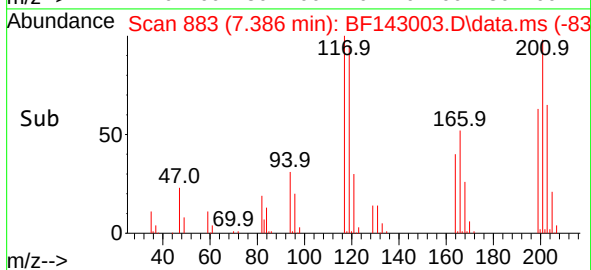
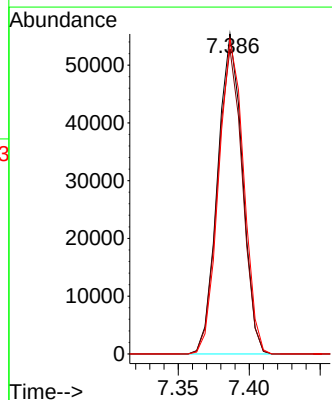
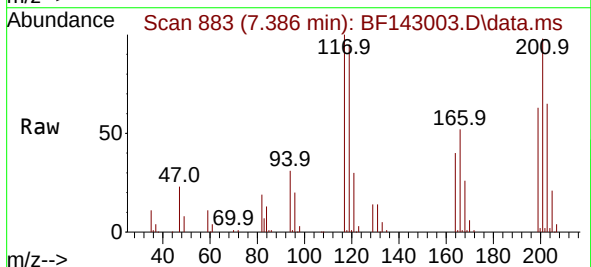
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

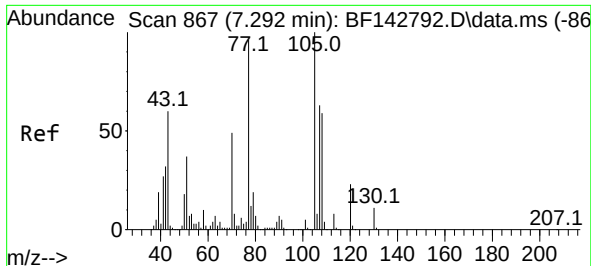
Tgt Ion:	107	Resp:	129791
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.9	136.3
77	48.7	37.3	55.9
79	48.0	37.2	55.8



#18
Hexachloroethane
Concen: 39.601 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:	117	Resp:	67136
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
201	98.3	75.9	113.9



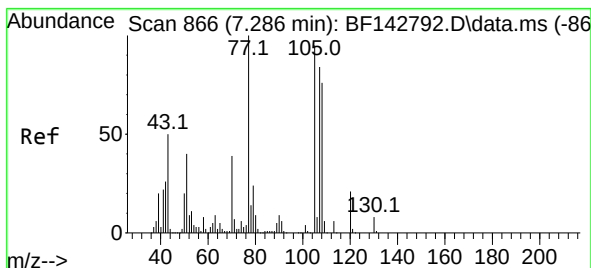
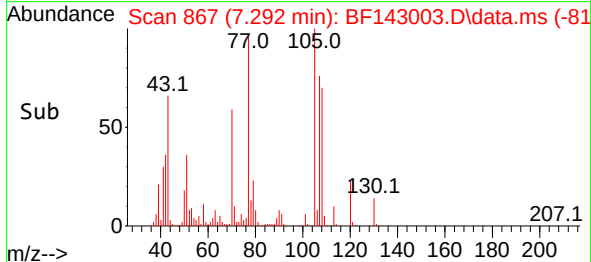
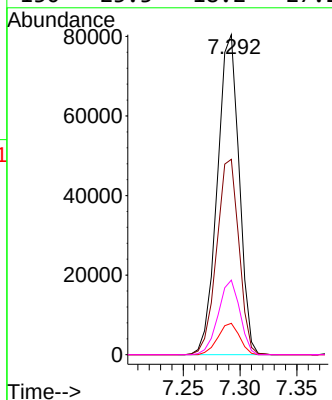
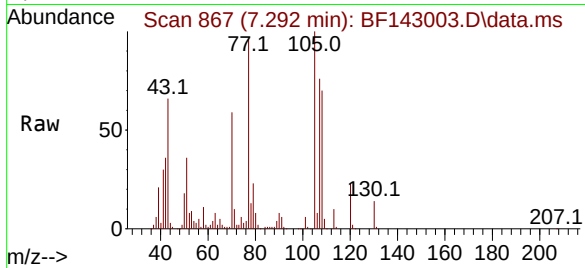


#19
n-Nitroso-di-n-propylamine
Concen: 39.369 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 107572

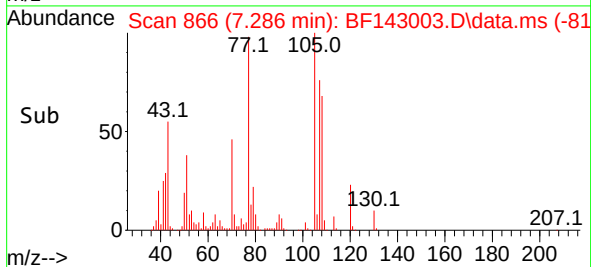
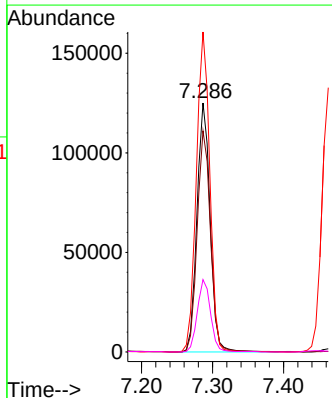
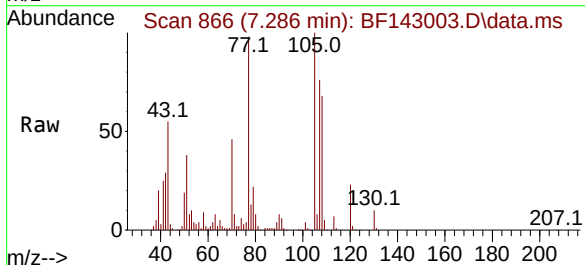
Ion	Ratio	Lower	Upper
70	100		
42	61.0	52.1	78.1
101	9.8	8.2	12.2
130	23.3	18.2	27.2

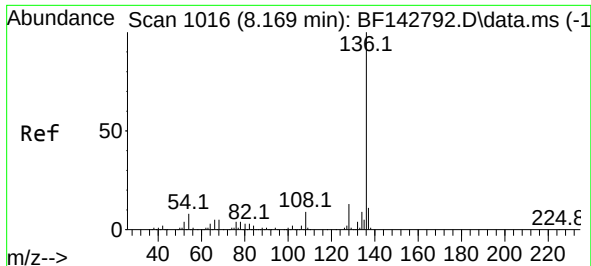


#20
3+4-Methylphenols
Concen: 39.972 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 107 Resp: 162236

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.0	110.0
77	128.5	98.5	138.5
79	29.0	8.8	48.8

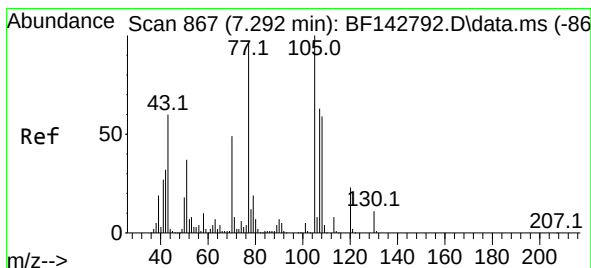
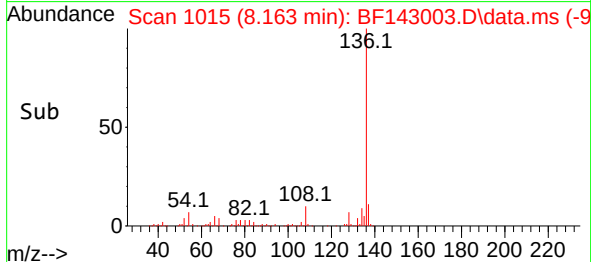
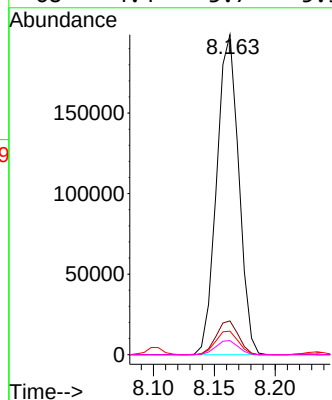
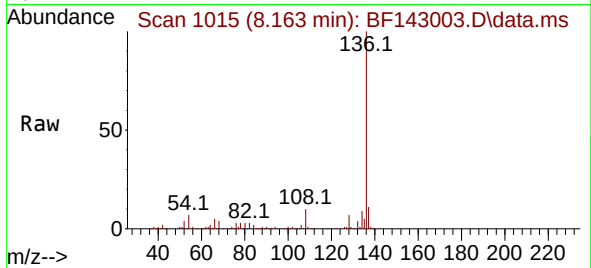




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

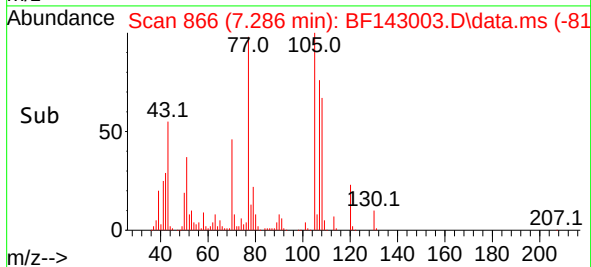
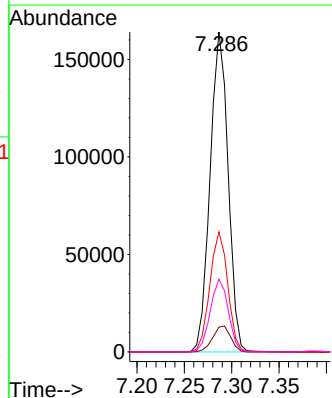
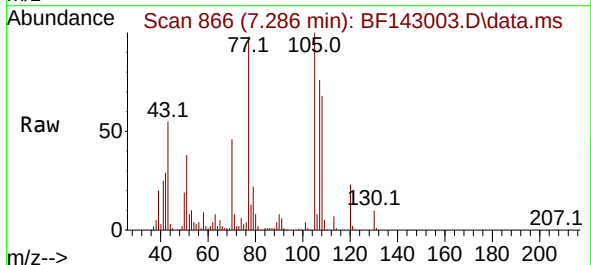
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

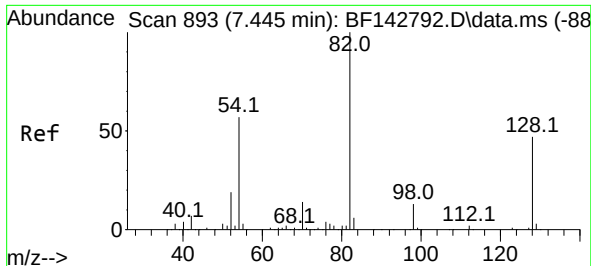
Tgt Ion	136	Resp:	250576
	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.4	6.3	9.5
68	4.4	3.7	5.5



#22
Acetophenone
Concen: 39.346 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt	Ion:105	Resp:	217414
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.5	9.7
51	37.5	29.8	44.8
120	22.7	18.2	27.2





#23

Nitrobenzene-d5

Concen: 84.475 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

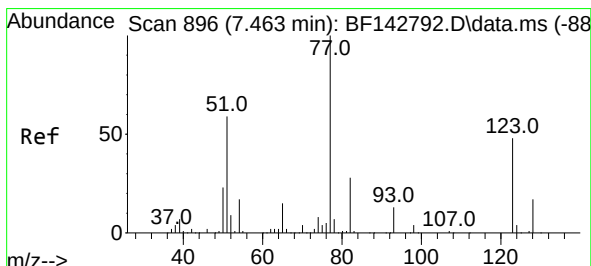
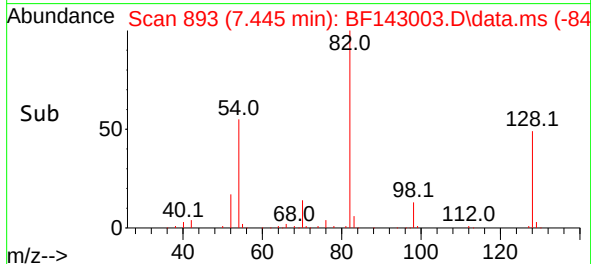
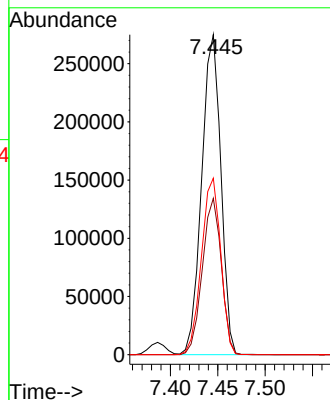
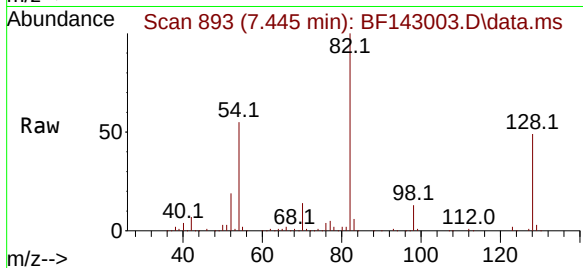
Tgt Ion: 82 Resp: 385910

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 55.2 45.7 68.5



#24

Nitrobenzene

Concen: 38.630 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

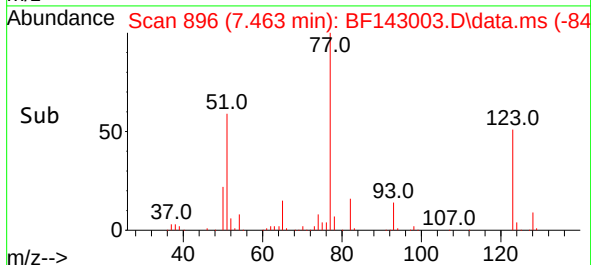
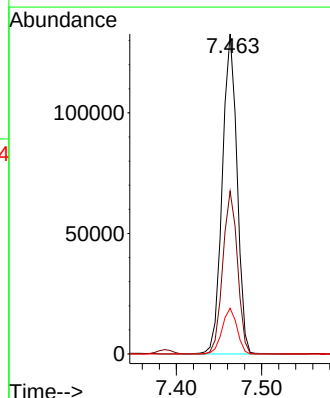
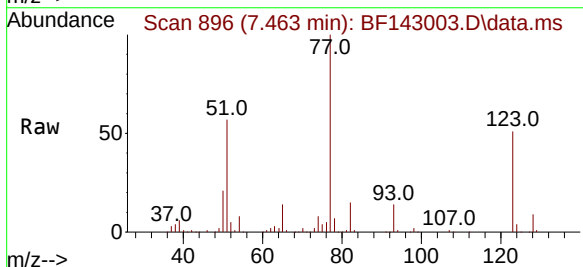
Tgt Ion: 77 Resp: 159724

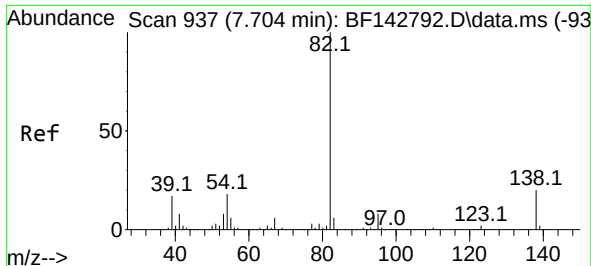
Ion Ratio Lower Upper

77 100

123 50.8 39.2 58.8

65 14.3 11.6 17.4

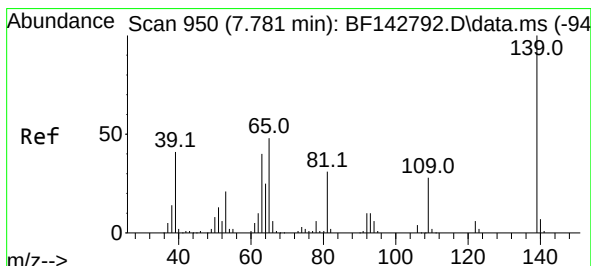
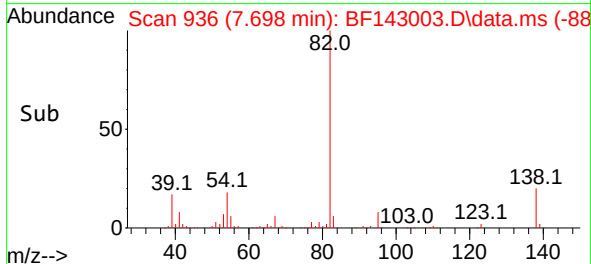
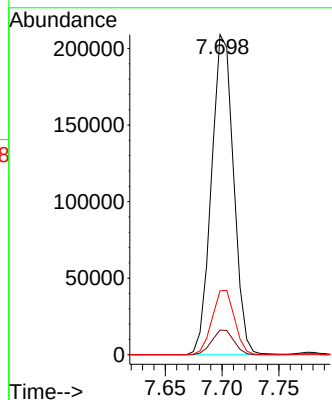
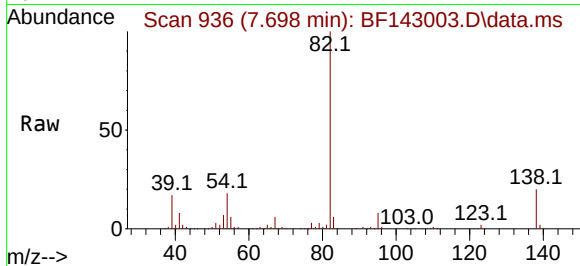




#25
Isophorone
Concen: 38.672 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

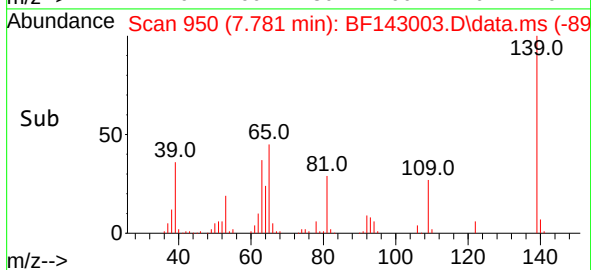
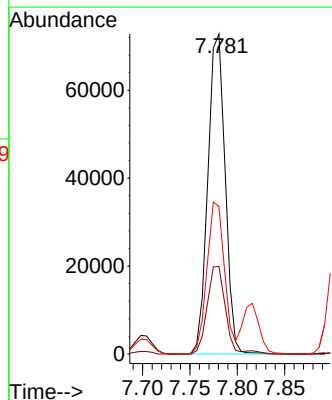
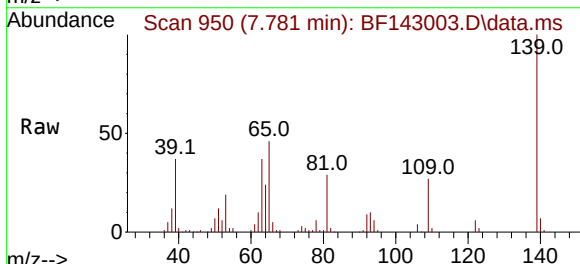
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

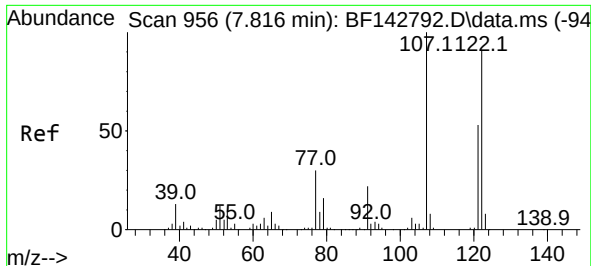
Tgt Ion: 82 Resp: 283403
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.0 16.2 24.4



#26
2-Nitrophenol
Concen: 41.029 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:139 Resp: 92413
Ion Ratio Lower Upper
139 100
109 27.4 22.7 34.1
65 46.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 37.023 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

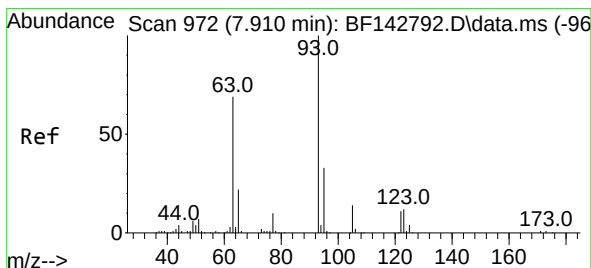
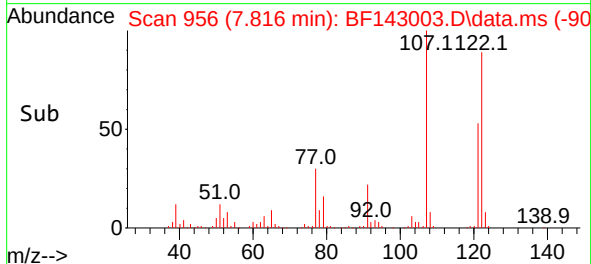
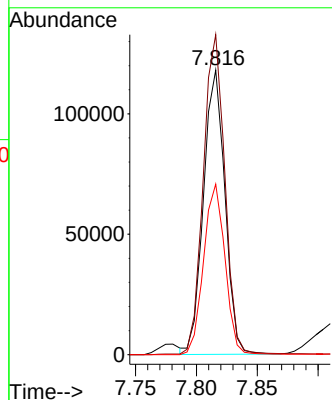
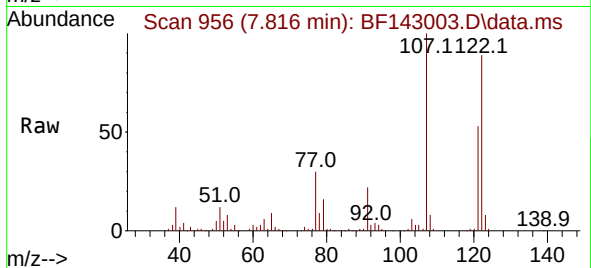
Tgt Ion:122 Resp: 144446

Ion Ratio Lower Upper

122 100

107 112.4 88.0 132.0

121 59.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.573 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

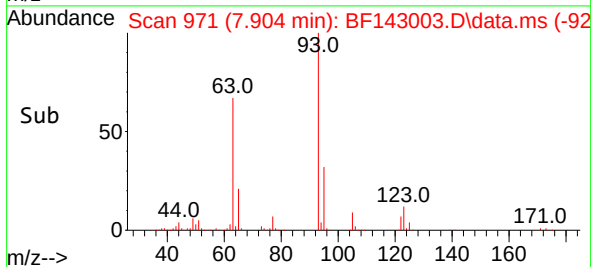
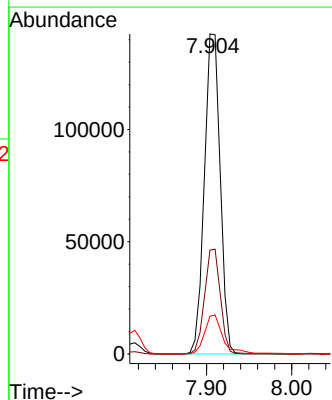
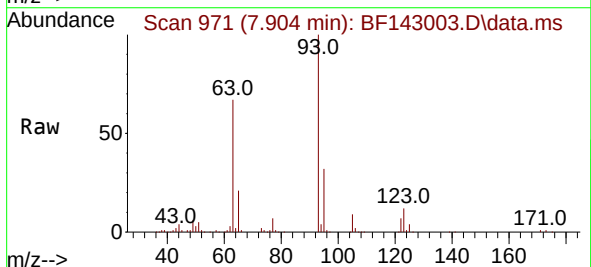
Tgt Ion: 93 Resp: 184372

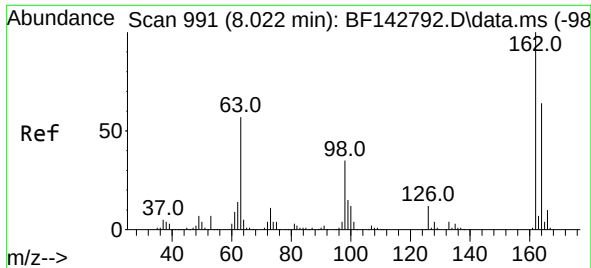
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.320 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

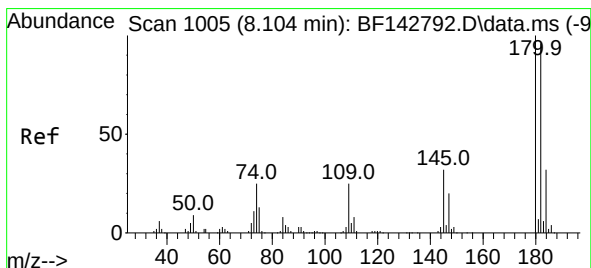
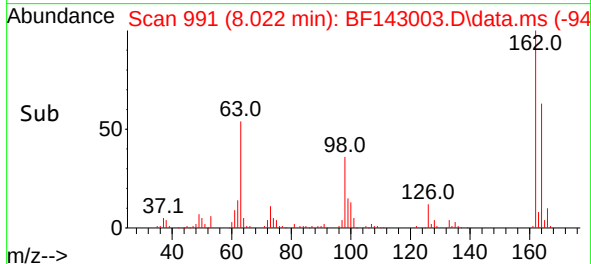
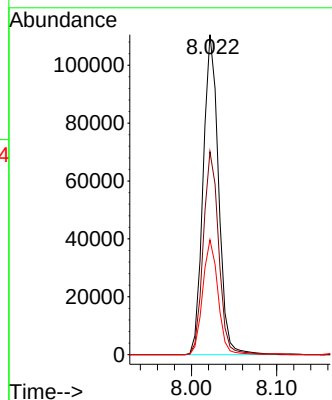
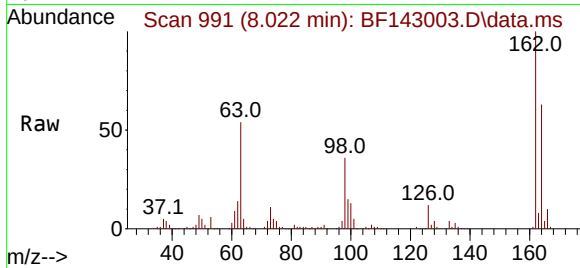
Tgt Ion:162 Resp: 139097

Ion Ratio Lower Upper

162 100

164 63.4 44.0 84.0

98 35.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 39.498 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

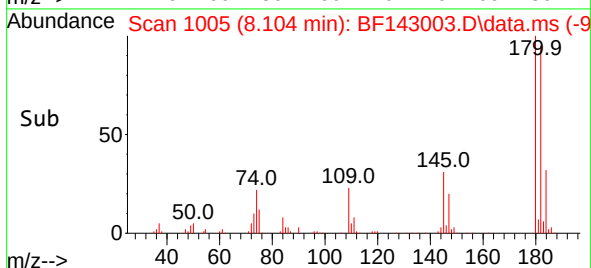
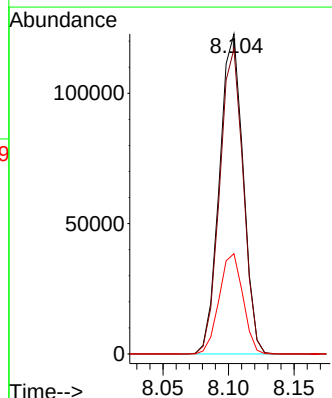
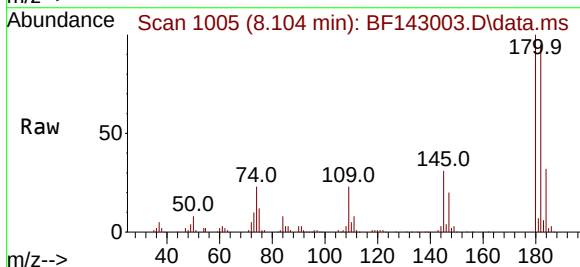
Tgt Ion:180 Resp: 153647

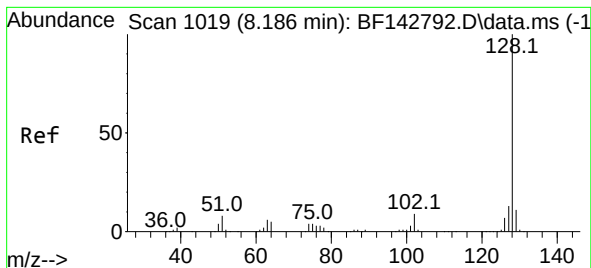
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.3 25.8 38.8





#31

Naphthalene

Concen: 39.334 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

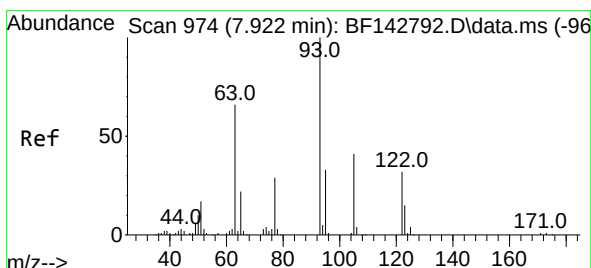
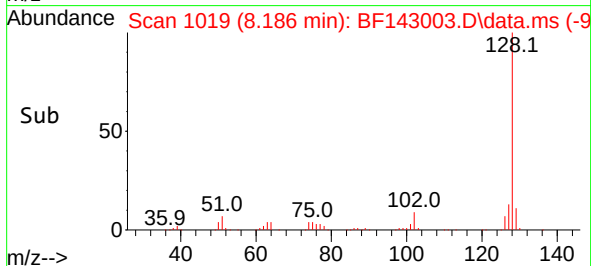
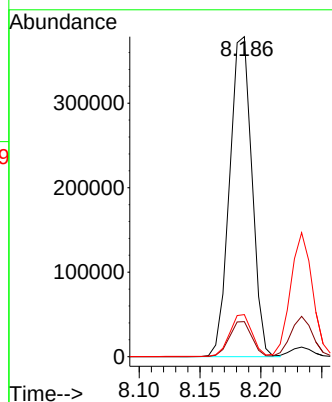
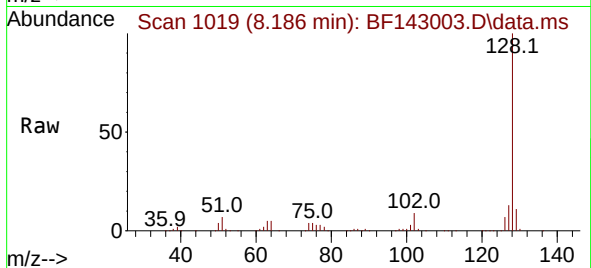
Tgt Ion:128 Resp: 482441

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.1 10.4 15.6



#32

Benzoic acid

Concen: 34.462 ng

RT: 7.933 min Scan# 976

Delta R.T. 0.012 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

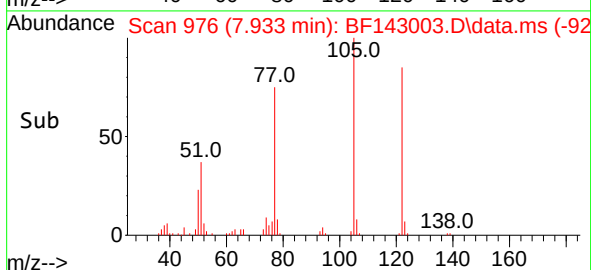
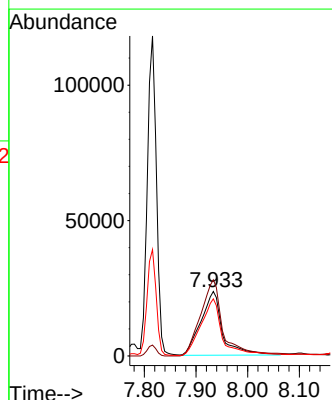
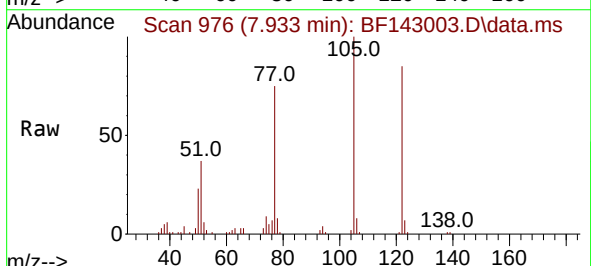
Tgt Ion:122 Resp: 68529

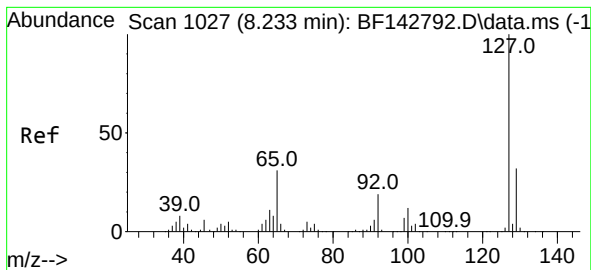
Ion Ratio Lower Upper

122 100

105 118.0 104.7 144.7

77 88.5 70.2 110.2



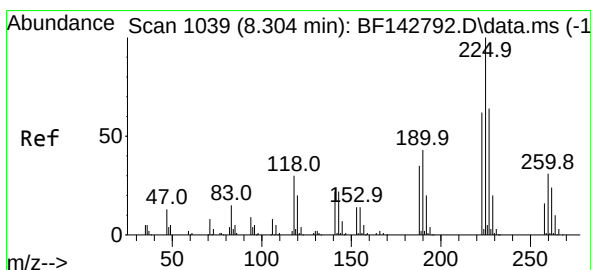
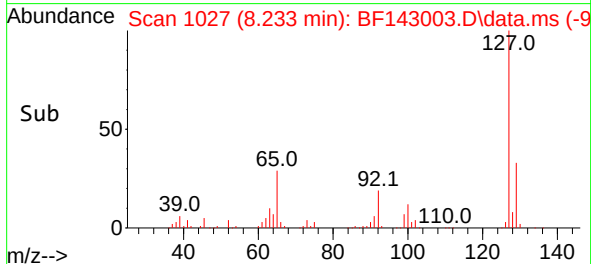
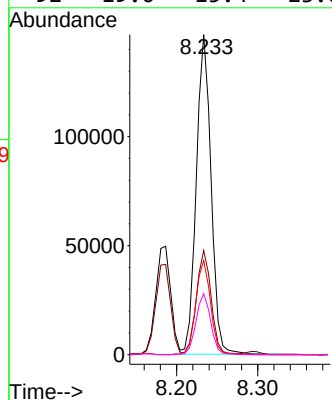
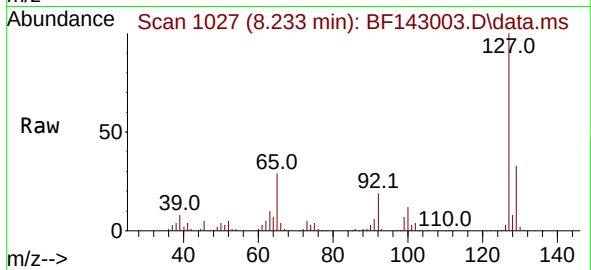


#33
4-Chloroaniline
Concen: 37.195 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 185501

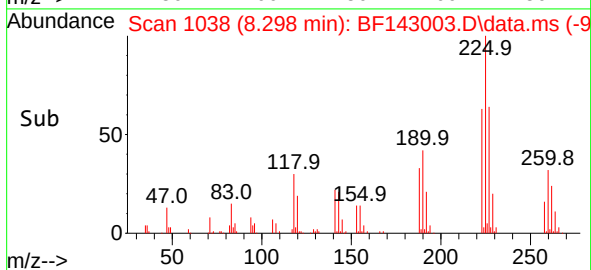
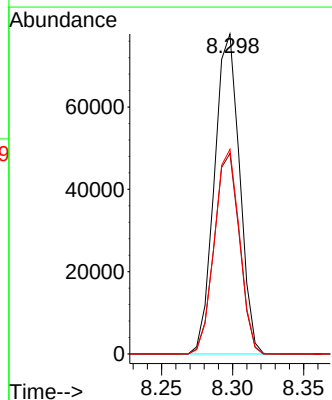
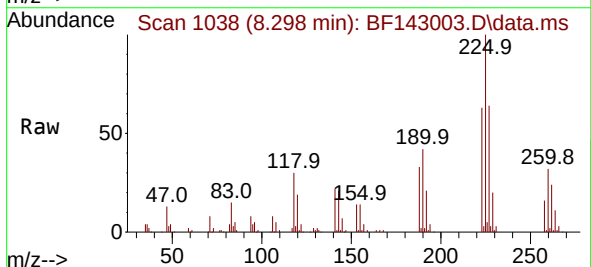
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.4	24.6	36.8
92	19.0	15.4	23.0

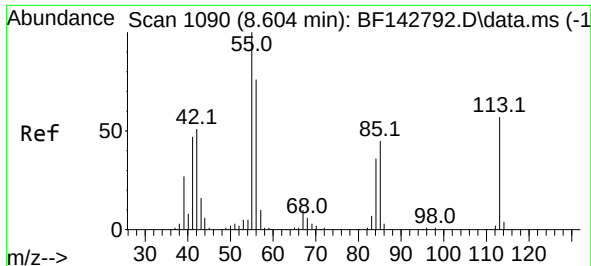


#34
Hexachlorobutadiene
Concen: 40.249 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:225 Resp: 95769

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	64.0	51.4	77.0

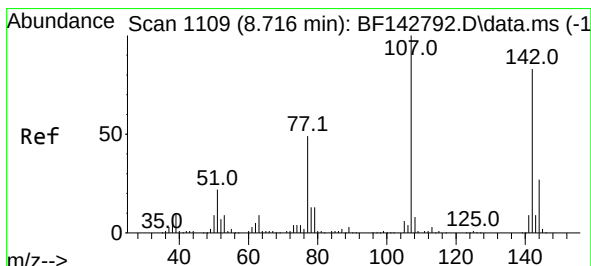
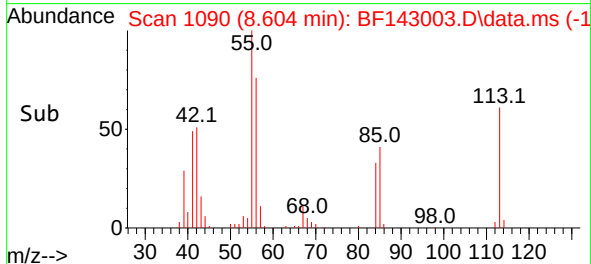
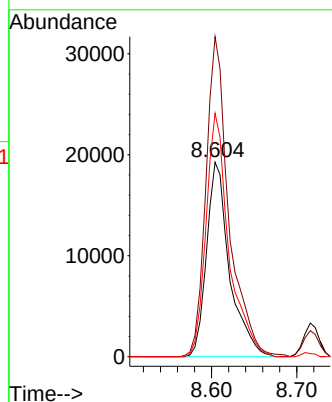
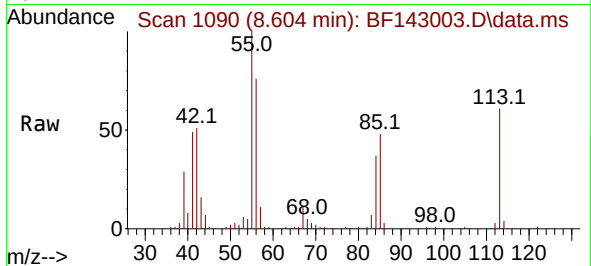




#35
 Caprolactam
 Concen: 38.545 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: BF143003.D
 Acq: 07 Jul 2025 12:12

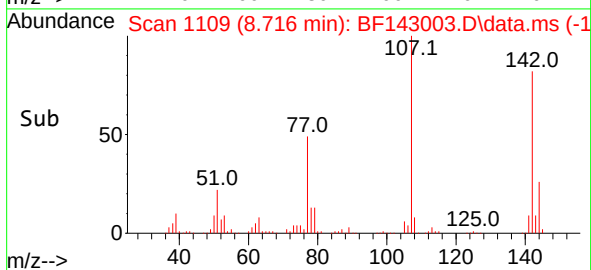
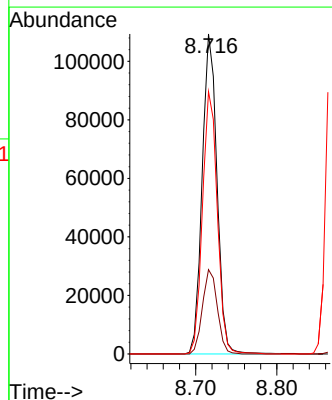
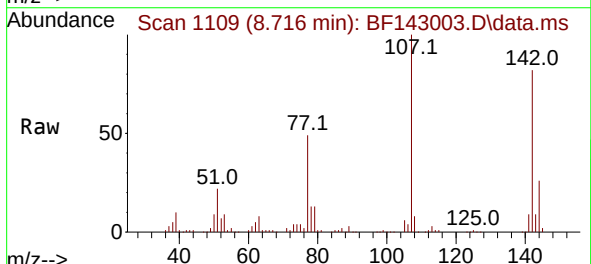
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

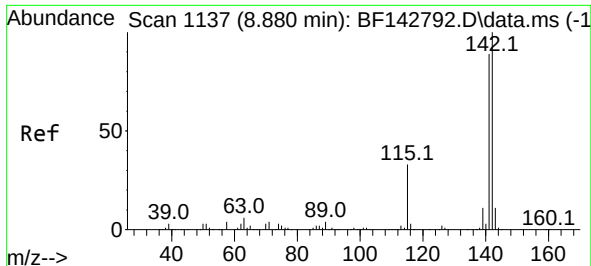
Tgt Ion:113 Resp: 35981
 Ion Ratio Lower Upper
 113 100
 55 164.7 154.4 194.4
 56 125.2 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 39.359 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143003.D
 Acq: 07 Jul 2025 12:12

Tgt Ion:107 Resp: 138376
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.3 31.9
 142 82.0 66.6 100.0





#37

2-Methylnaphthalene

Concen: 39.070 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

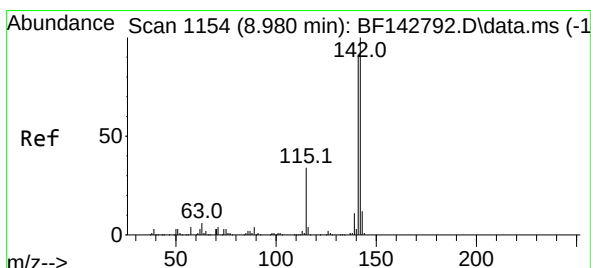
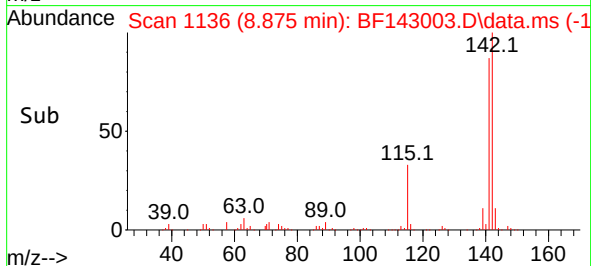
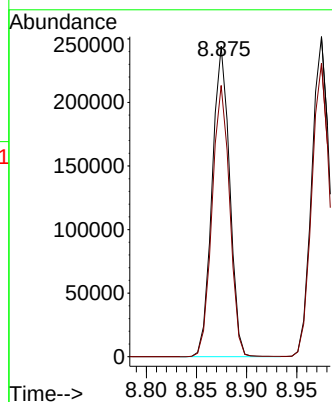
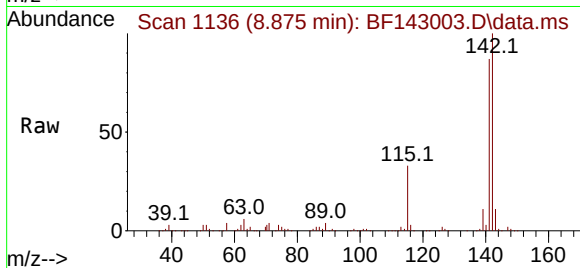
SSTDCCC040

Tgt Ion:142 Resp: 297088

Ion Ratio Lower Upper

142 100

141 87.4 70.9 106.3



#38

1-Methylnaphthalene

Concen: 38.897 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF143003.D

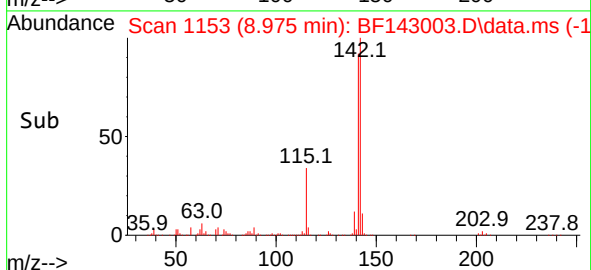
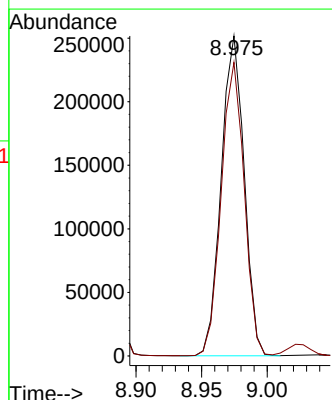
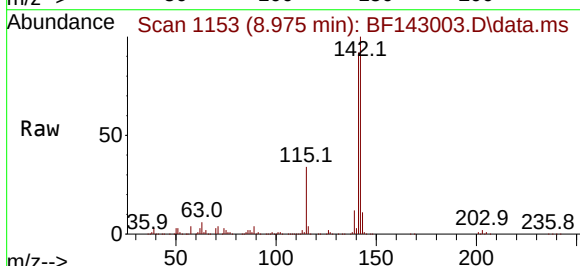
Acq: 07 Jul 2025 12:12

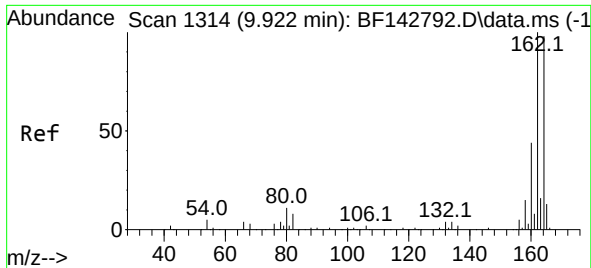
Tgt Ion:142 Resp: 306180

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4

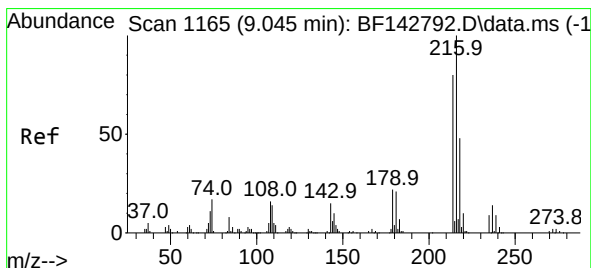
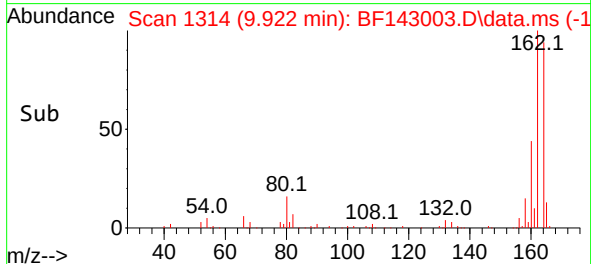
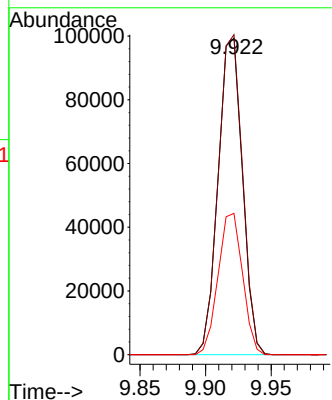
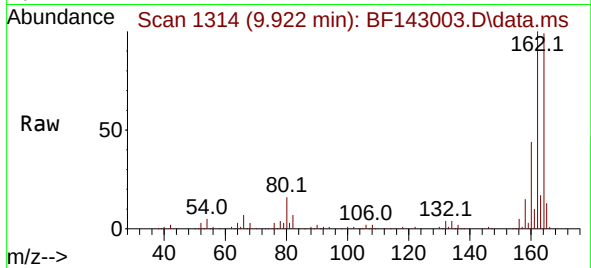




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

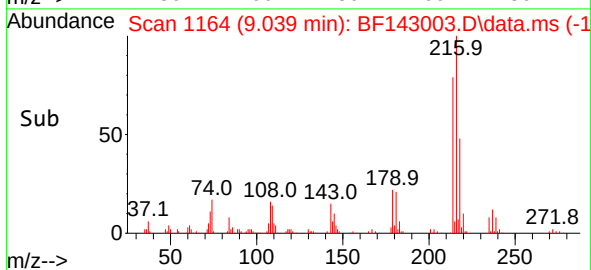
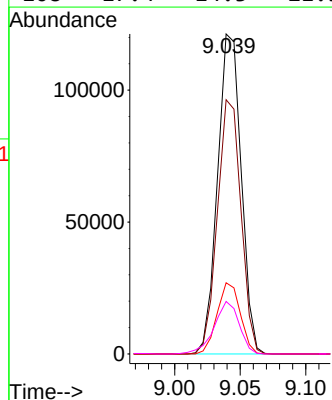
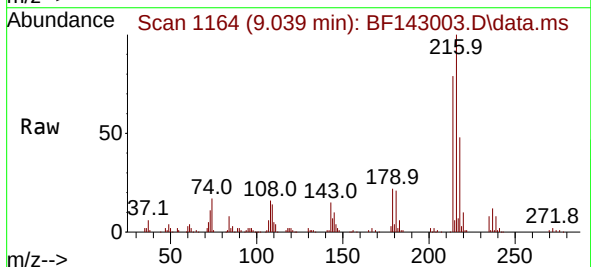
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

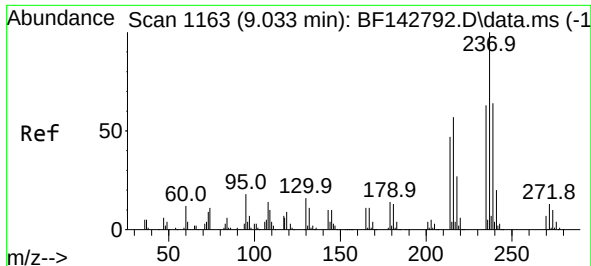
Tgt Ion:164 Resp: 128386
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.8
160 44.6 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.120 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

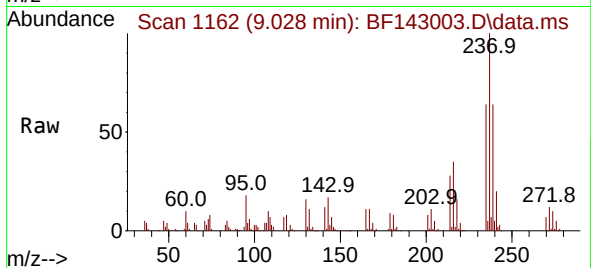
Tgt Ion:216 Resp: 151986
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.8 17.6 26.4
108 17.4 14.3 21.5



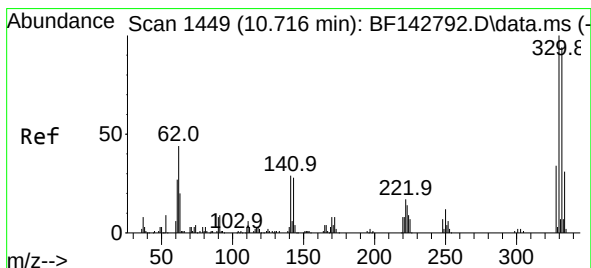
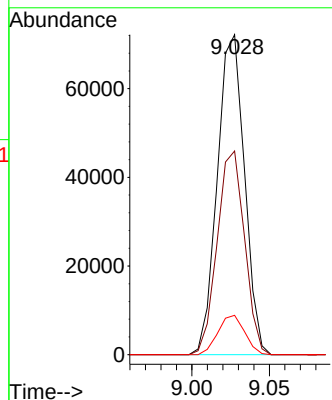
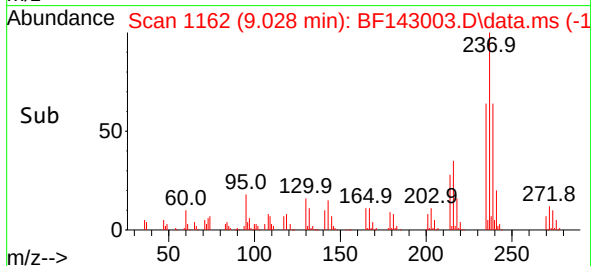


#41
Hexachlorocyclopentadiene
Concen: 40.967 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

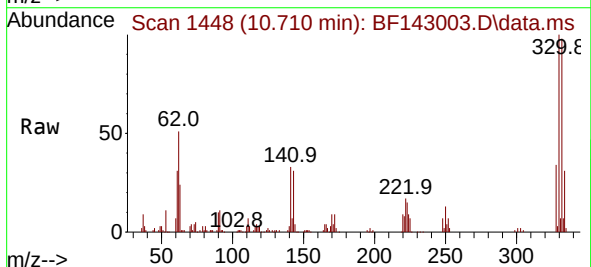
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



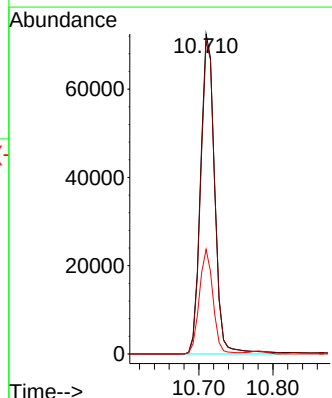
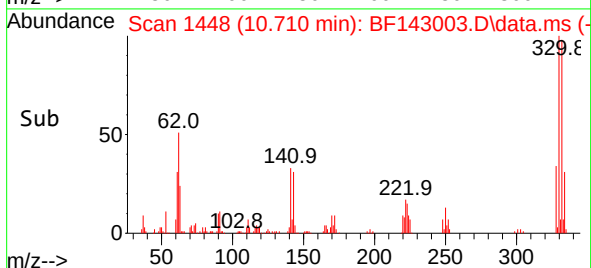
Tgt Ion:237 Resp: 88069
Ion Ratio Lower Upper
237 100
235 63.6 43.4 83.4
272 12.3 0.0 32.7

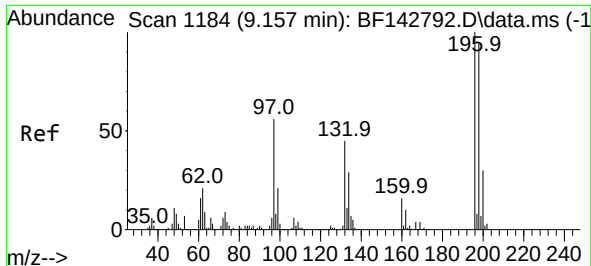


#42
2,4,6-Tribromophenol
Concen: 72.570 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12



Tgt Ion:330 Resp: 95878
Ion Ratio Lower Upper
330 100
332 98.5 75.0 112.6
141 31.6 25.3 37.9

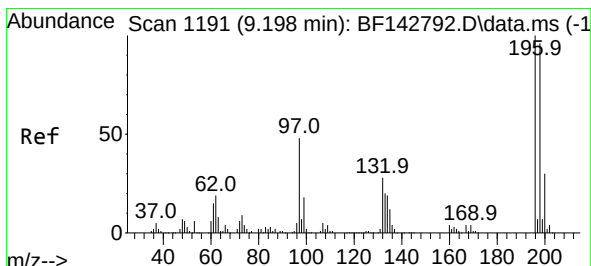
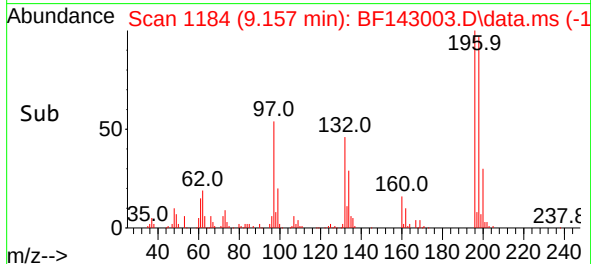
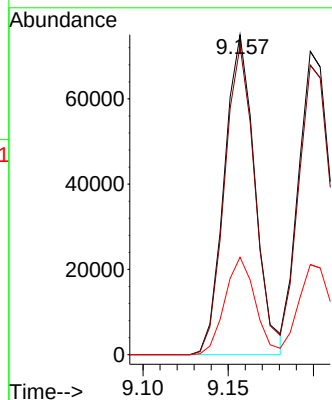
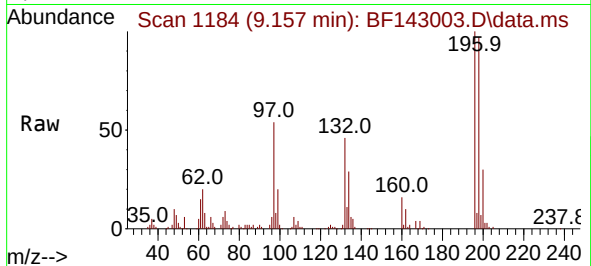




#43
2,4,6-Trichlorophenol
Concen: 37.913 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

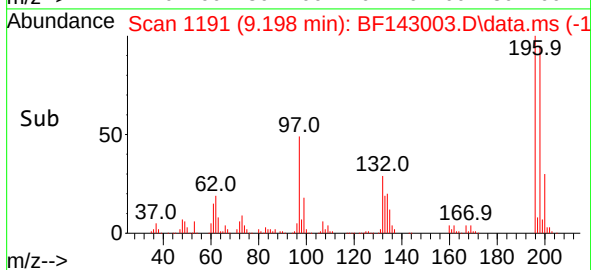
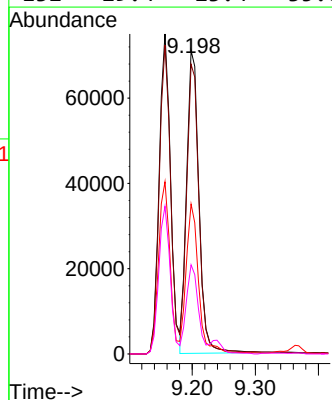
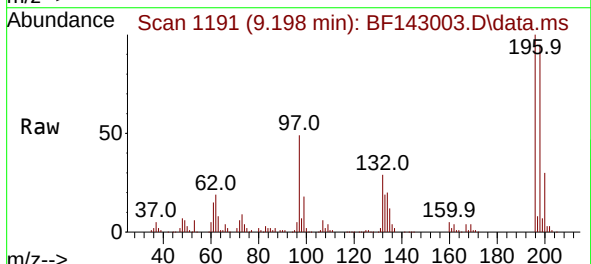
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

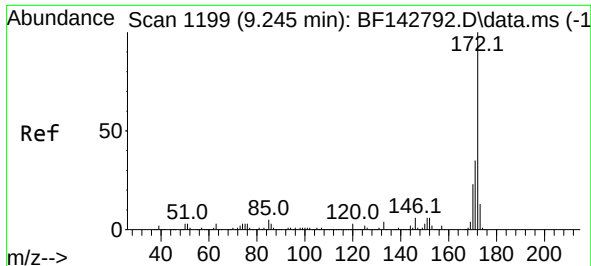
Tgt Ion:196 Resp: 93588
Ion Ratio Lower Upper
196 100
198 96.6 76.2 114.2
200 30.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 37.348 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:196 Resp: 97051
Ion Ratio Lower Upper
196 100
198 95.4 76.6 115.0
97 49.4 38.2 57.2
132 29.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.026 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

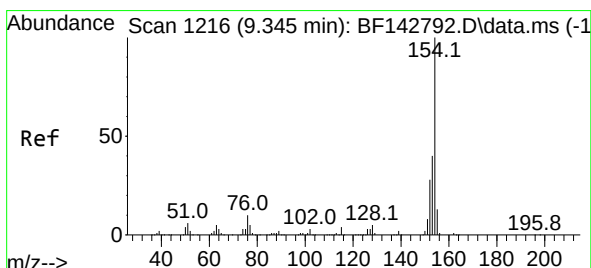
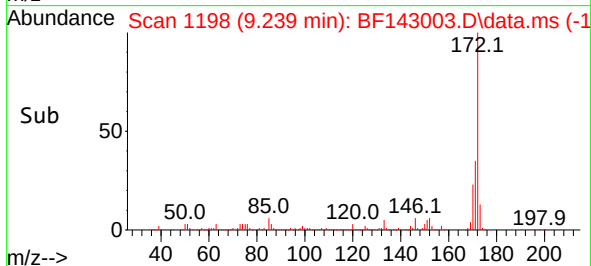
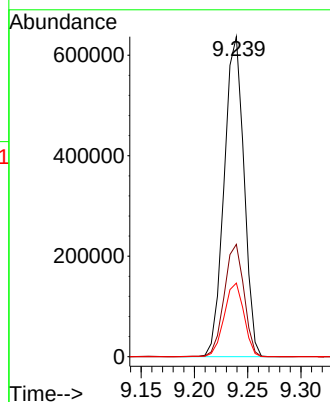
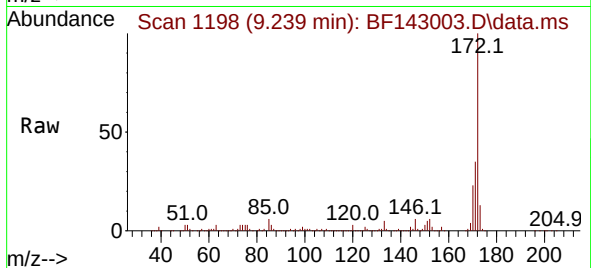
Tgt Ion:172 Resp: 821191

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 18.5 27.7



#46

1,1'-Biphenyl

Concen: 39.146 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

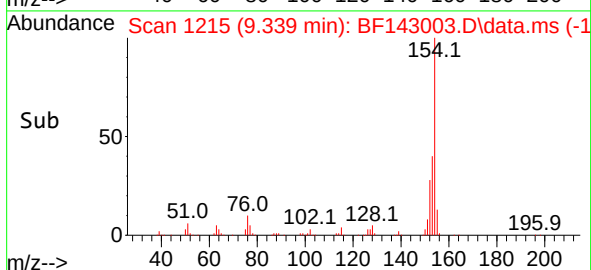
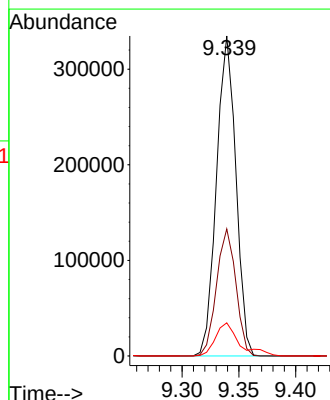
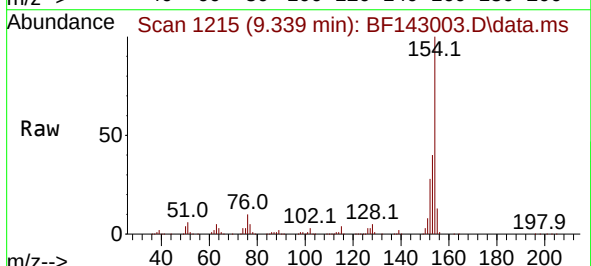
Tgt Ion:154 Resp: 397007

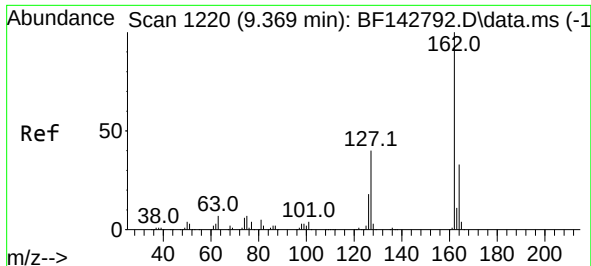
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 10.4 0.0 30.3

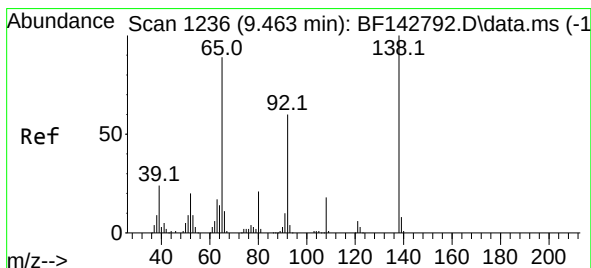
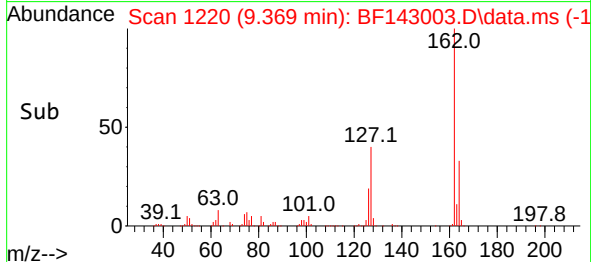
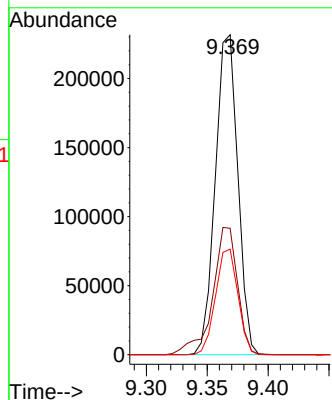
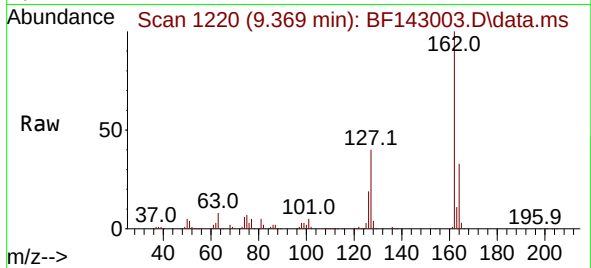




#47
2-Chloronaphthalene
Concen: 39.144 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

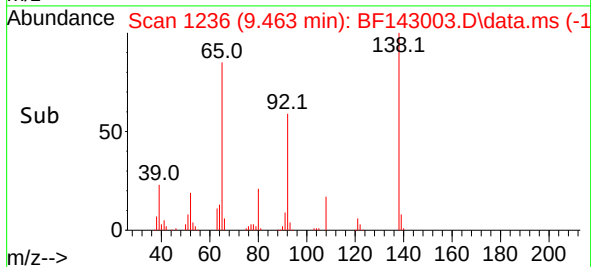
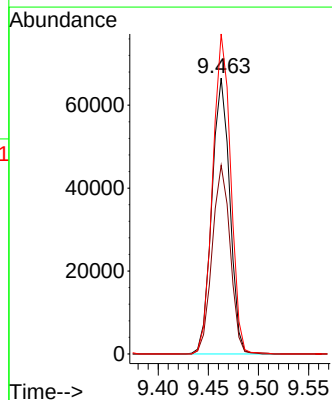
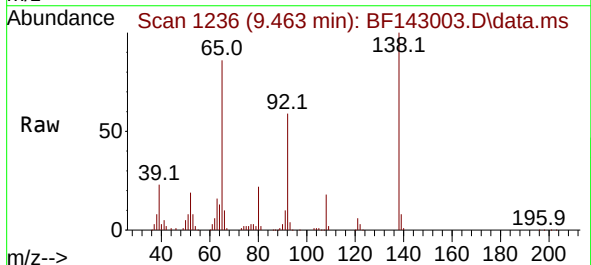
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

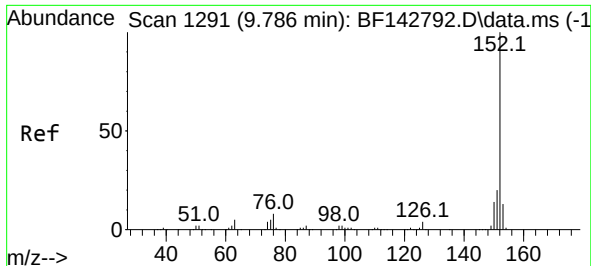
Tgt Ion:162 Resp: 297910
Ion Ratio Lower Upper
162 100
127 39.5 32.2 48.2
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 38.713 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 65 Resp: 82602
Ion Ratio Lower Upper
65 100
92 68.4 53.8 80.6
138 116.0 89.6 134.4

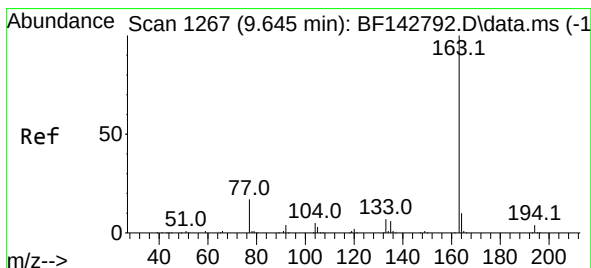
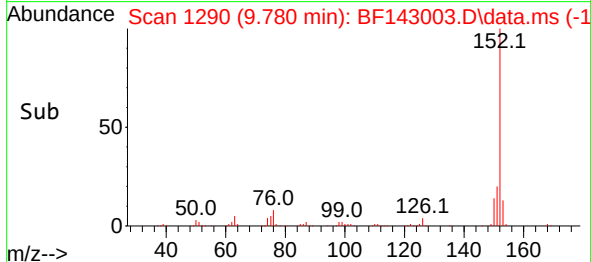
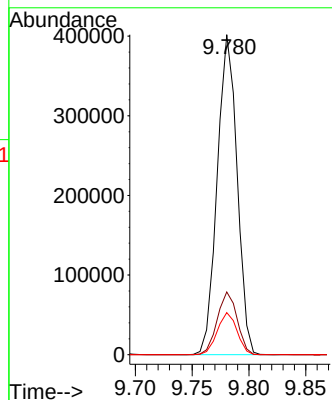
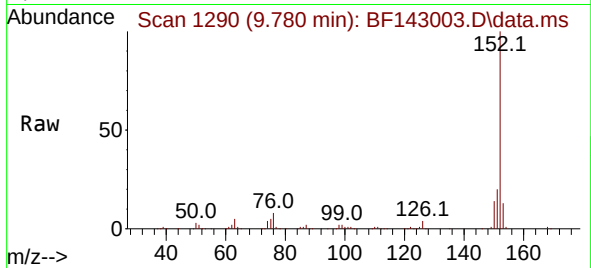




#49
Acenaphthylene
Concen: 39.035 ng
RT: 9.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

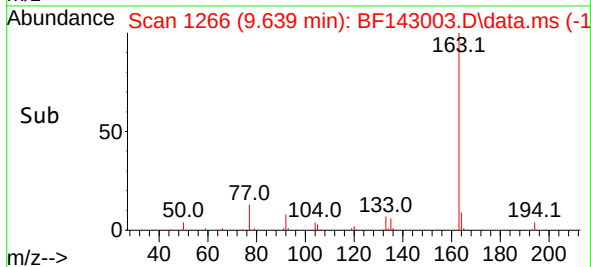
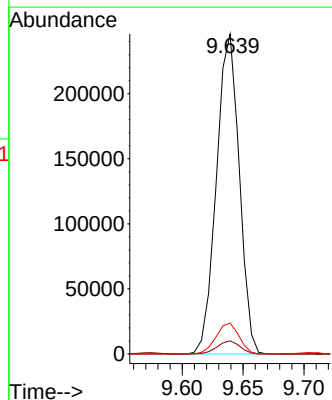
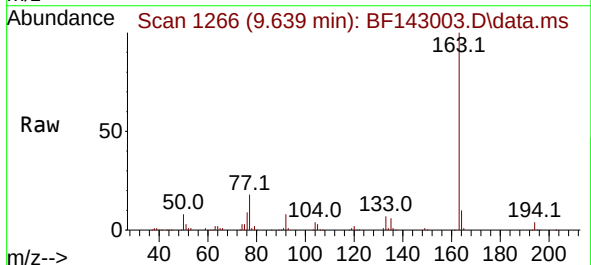
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

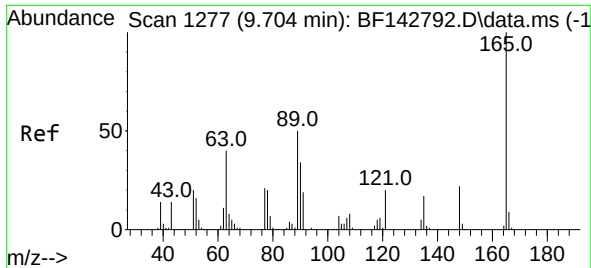
Tgt Ion:152 Resp: 489067
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 38.647 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:163 Resp: 321177
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.6 8.0 12.0

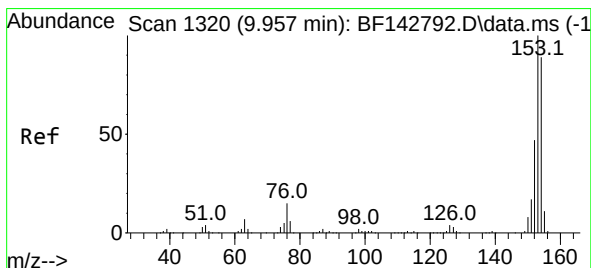
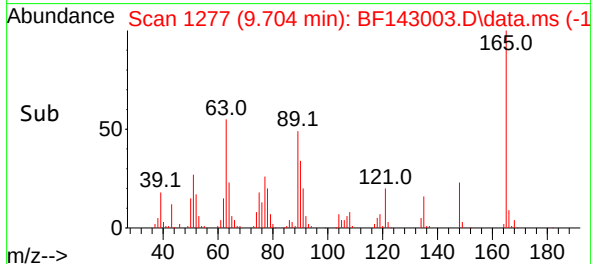
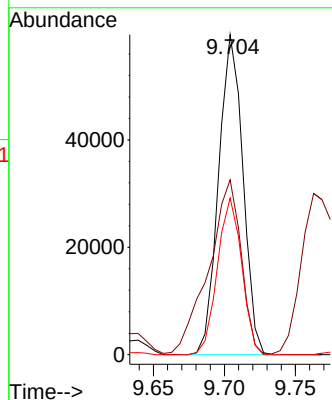
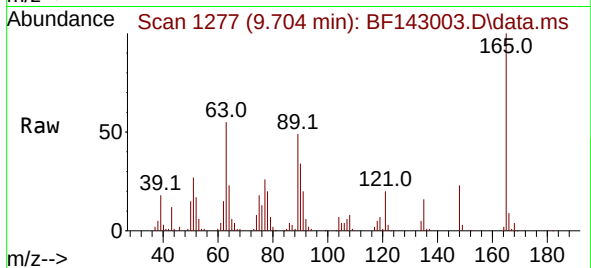




#51
2,6-Dinitrotoluene
Concen: 38.826 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

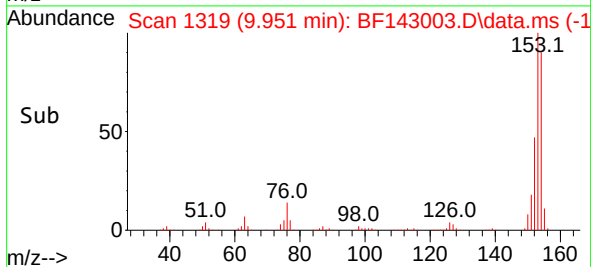
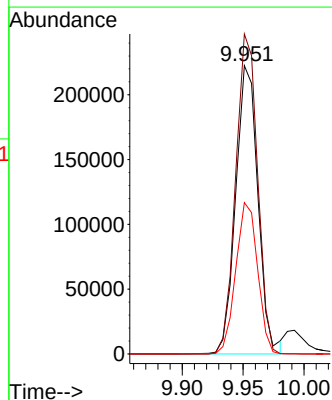
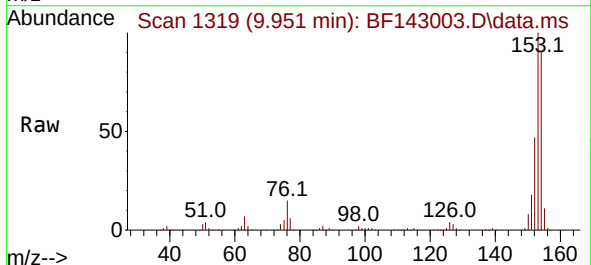
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

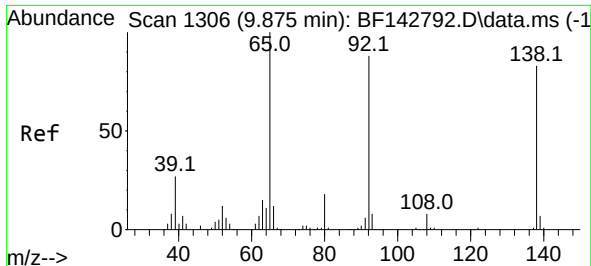
Tgt Ion:165 Resp: 70859
Ion Ratio Lower Upper
165 100
63 54.7 44.2 66.4
89 49.0 39.8 59.8



#52
Acenaphthene
Concen: 37.073 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:154 Resp: 283390
Ion Ratio Lower Upper
154 100
153 111.0 90.0 135.0
152 52.5 41.9 62.9

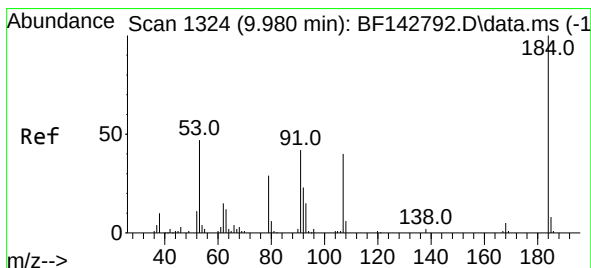
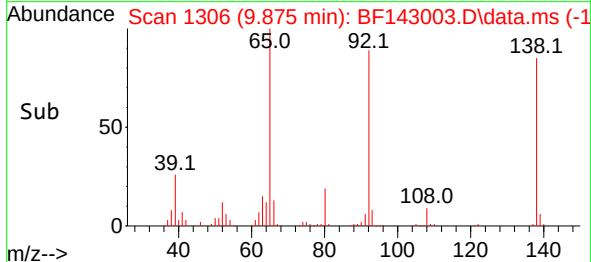
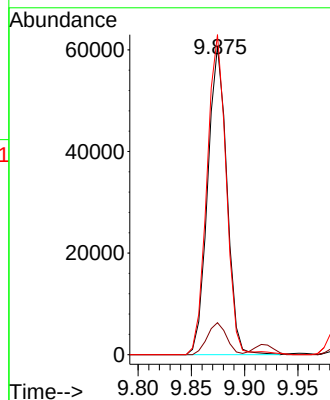
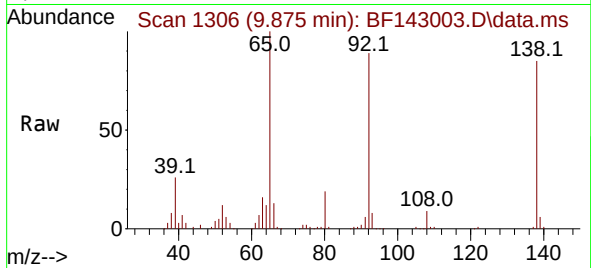




#53
3-Nitroaniline
Concen: 37.896 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

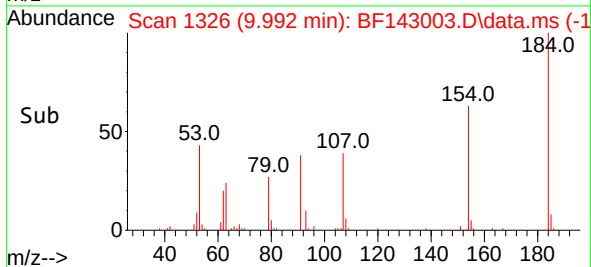
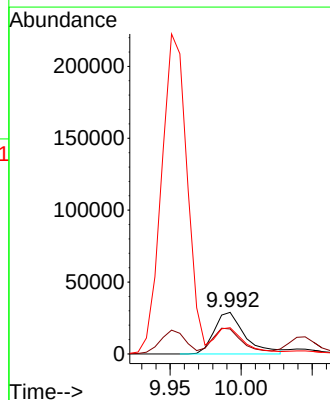
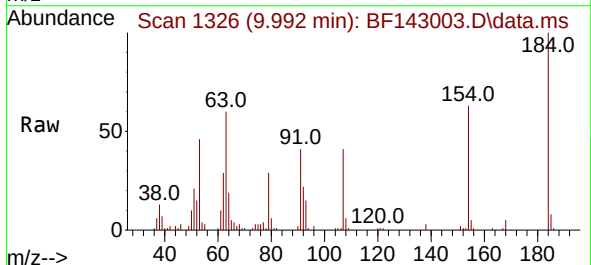
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

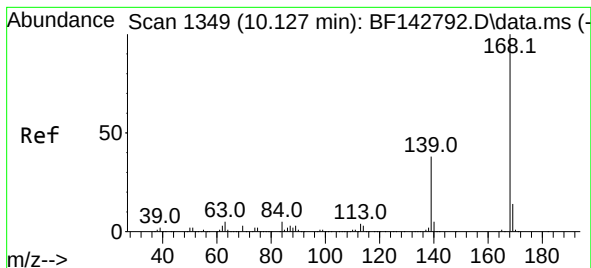
Tgt Ion:138 Resp: 76148
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 103.7 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 47.528 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:184 Resp: 43433
Ion Ratio Lower Upper
184 100
63 59.9 50.6 75.8
154 63.1 51.8 77.8





#55

Dibenzofuran

Concen: 38.541 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

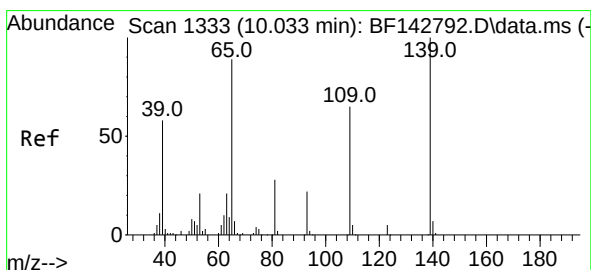
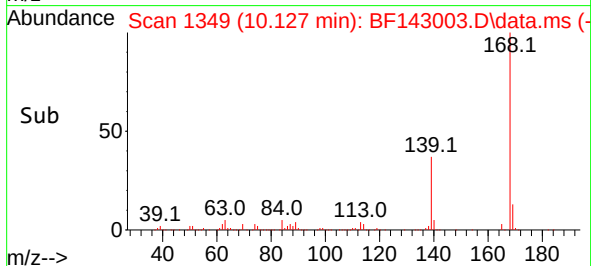
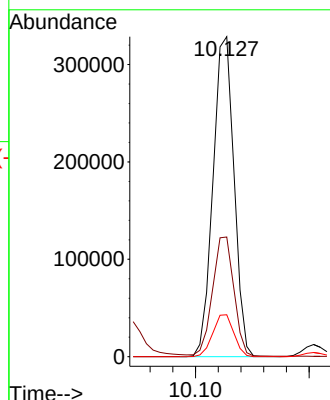
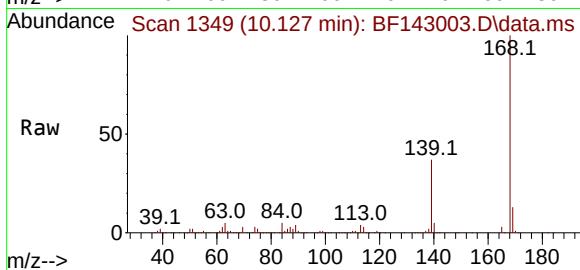
Tgt Ion:168 Resp: 422464

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 38.583 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

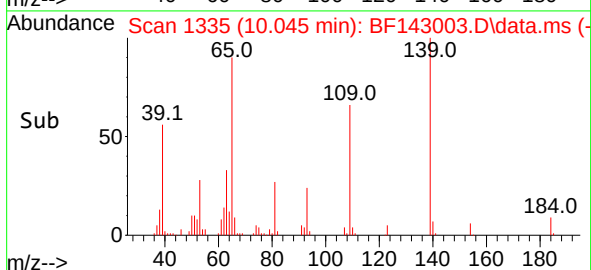
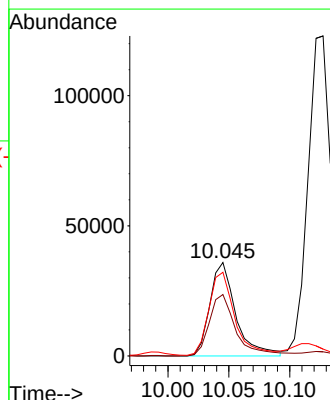
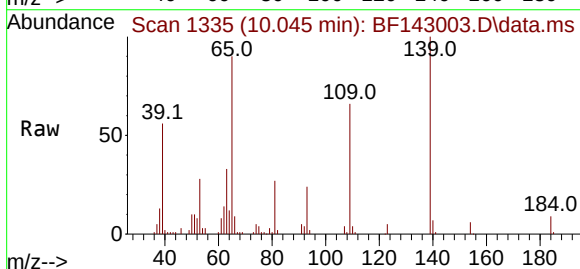
Tgt Ion:139 Resp: 53076

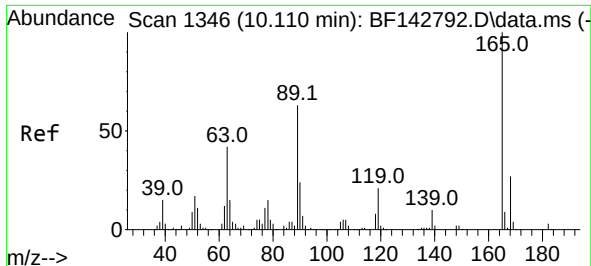
Ion Ratio Lower Upper

139 100

109 65.8 44.7 84.7

65 89.5 69.8 109.8

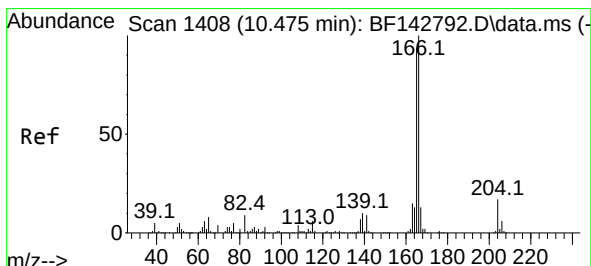
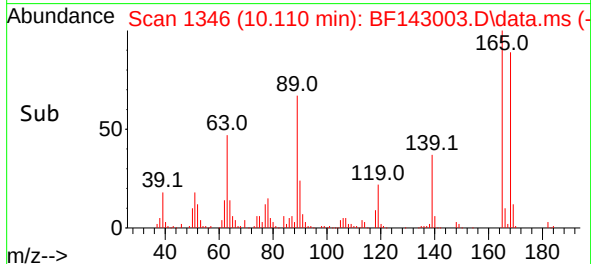
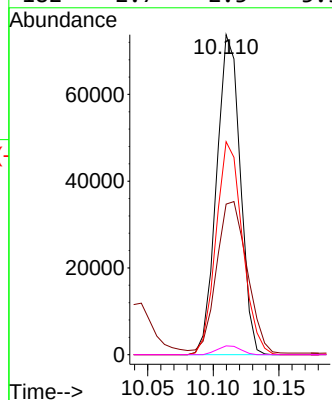
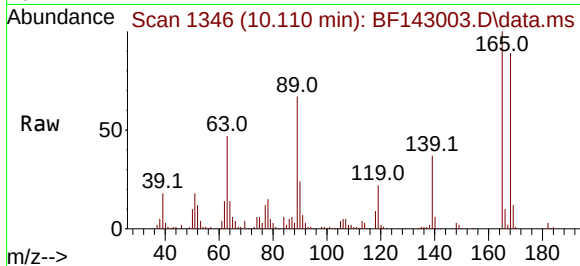




#57
2,4-Dinitrotoluene
Concen: 38.178 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

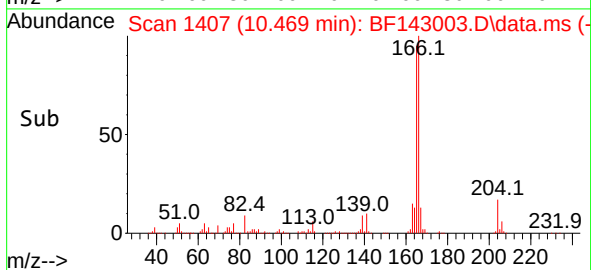
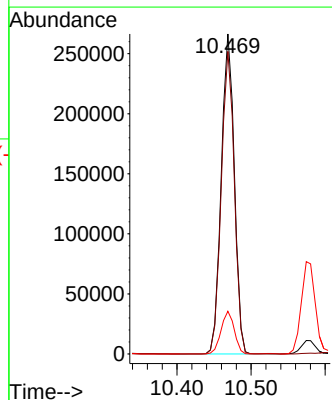
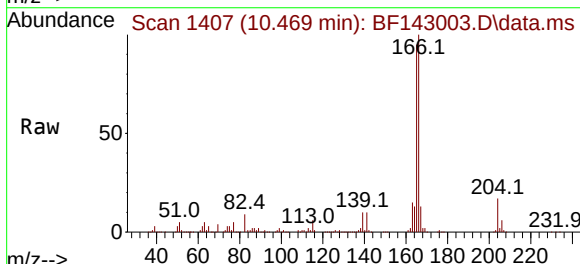
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

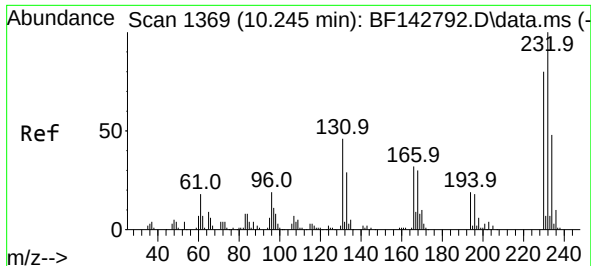
Tgt Ion:165 Resp: 92551
Ion Ratio Lower Upper
165 100
63 47.1 33.9 50.9
89 66.5 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 38.205 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:166 Resp: 327065
Ion Ratio Lower Upper
166 100
165 94.6 75.2 112.8
167 13.4 10.6 15.8

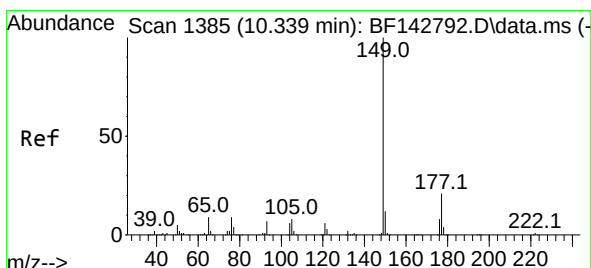
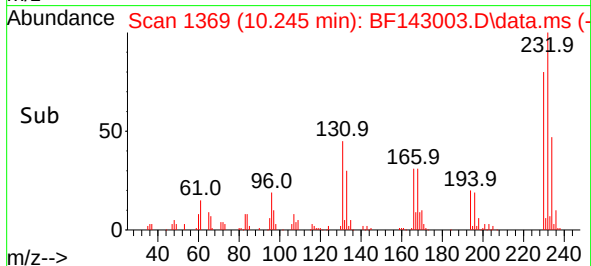
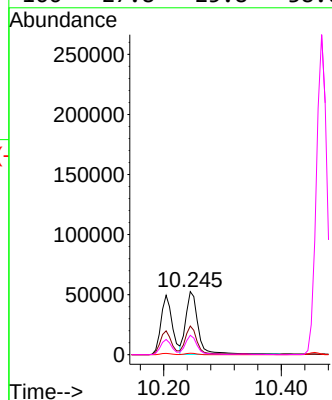
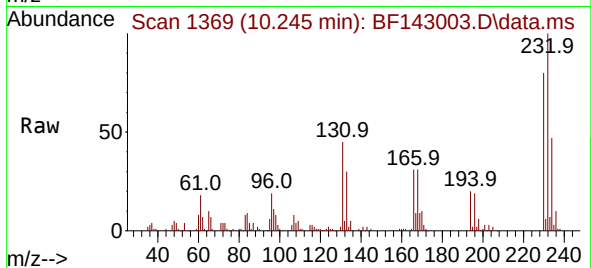




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.944 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

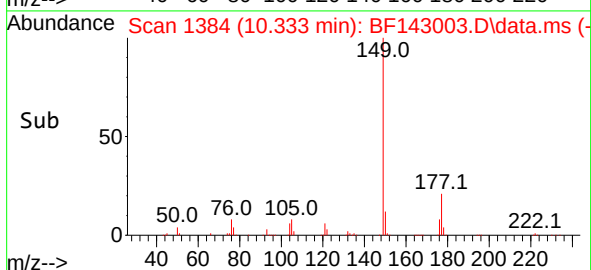
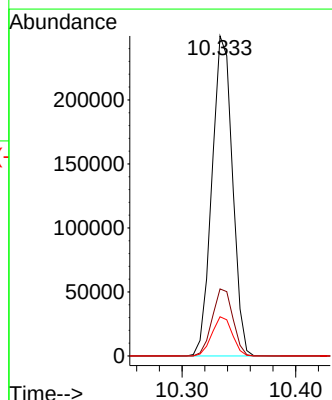
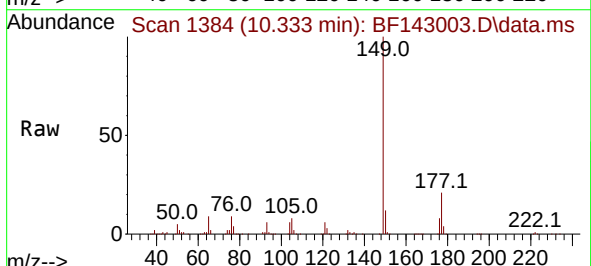
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

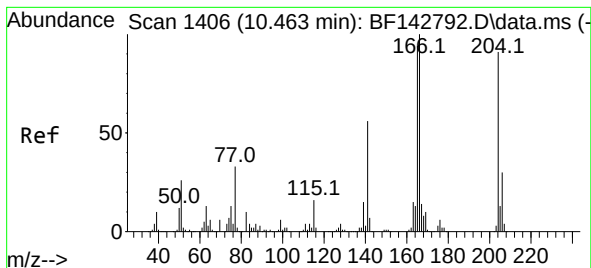
Tgt Ion:	232	Resp:	75288
Ion Ratio	Lower	Upper	
232	100		
131	43.2	37.6	56.4
130	2.2	1.7	2.5
166	27.8	25.8	38.6



#60
Diethylphthalate
Concen: 38.440 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:	149	Resp:	313222
Ion Ratio	Lower	Upper	
149	100		
177	20.9	17.0	25.6
150	12.2	9.8	14.6

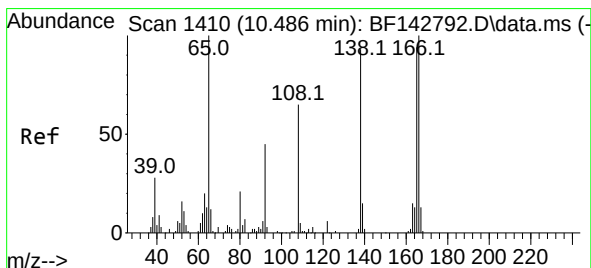
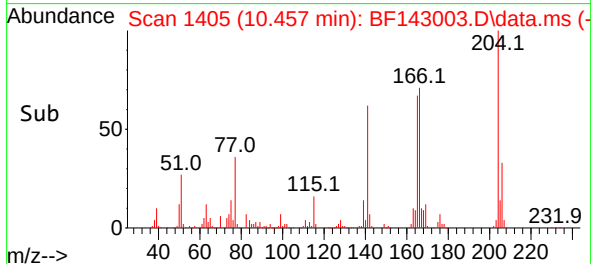
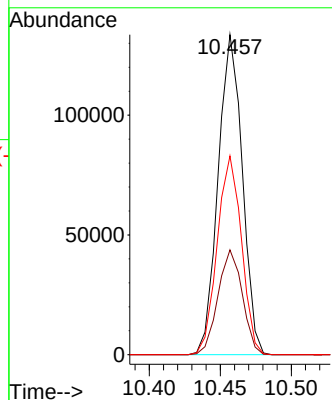
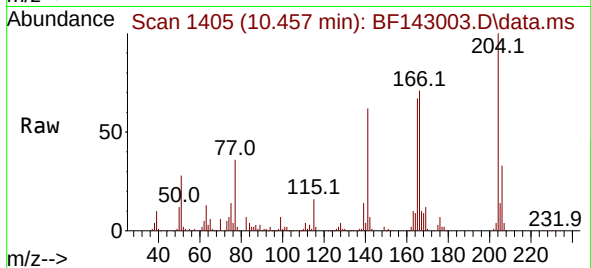




#61
4-Chlorophenyl-phenylether
Concen: 38.716 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

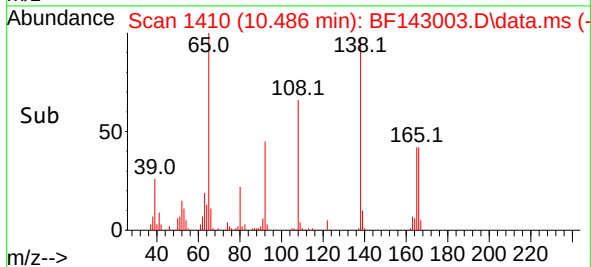
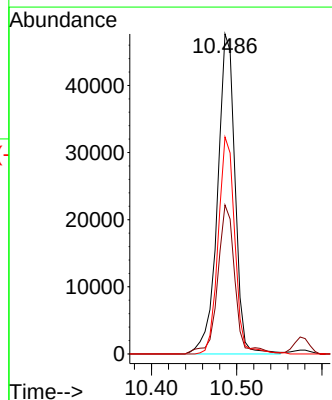
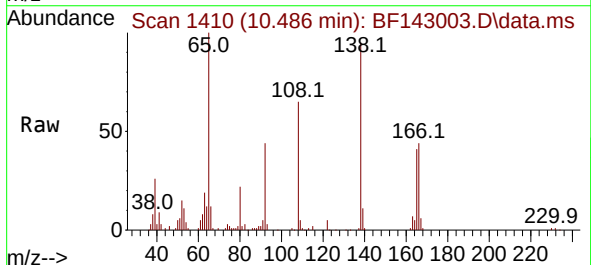
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

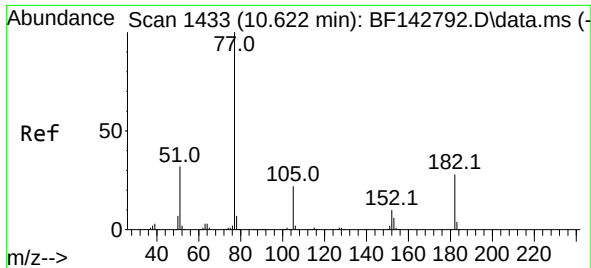
Tgt Ion:204 Resp: 158156
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 62.1 49.1 73.7



#62
4-Nitroaniline
Concen: 37.032 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:138 Resp: 68055
Ion Ratio Lower Upper
138 100
92 46.6 28.4 68.4
108 67.8 50.2 90.2

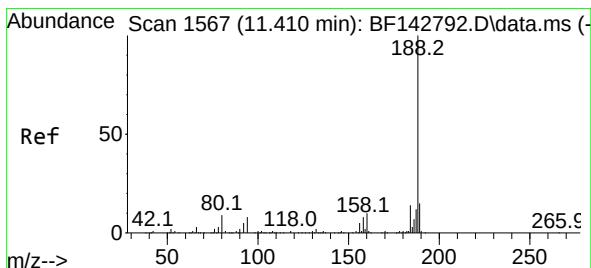
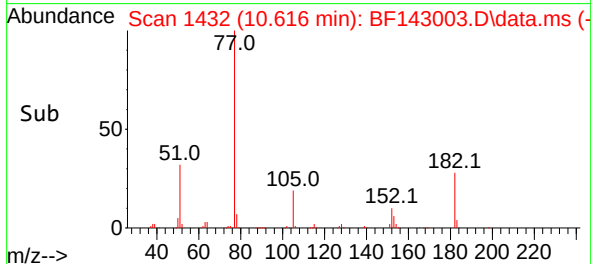
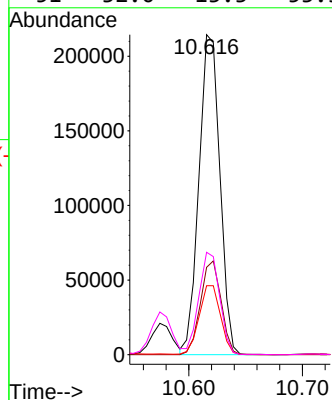
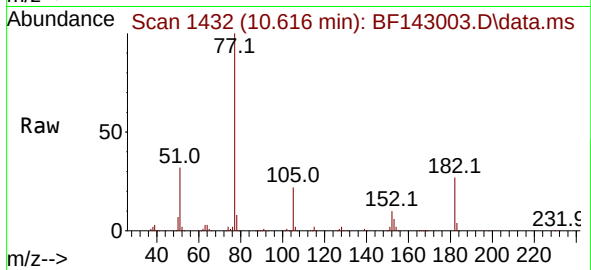




#63
Azobenzene
Concen: 37.788 ng
RT: 10.616 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

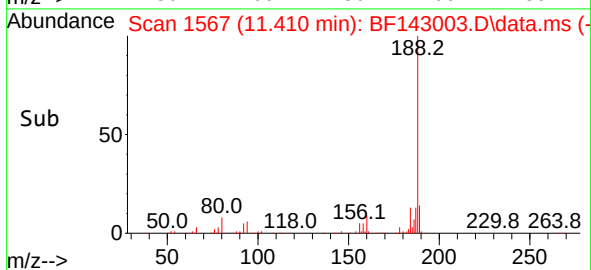
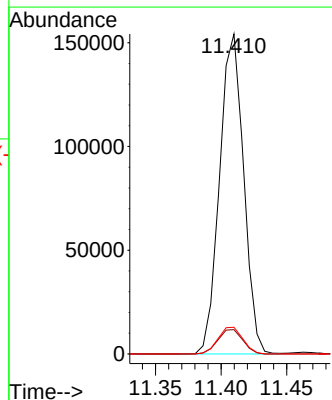
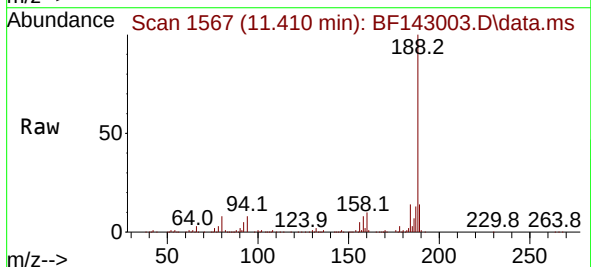
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

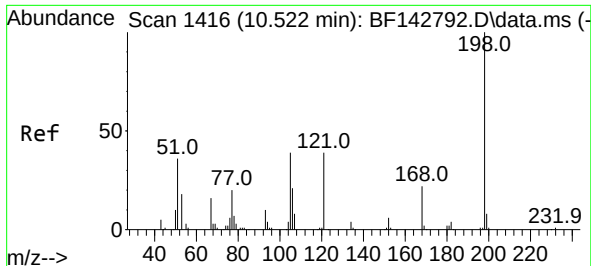
Tgt Ion:	77	Resp:	275193
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.7	47.7
105	21.6	1.9	41.9
51	32.0	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:	188	Resp:	196682
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.4	6.9	10.3

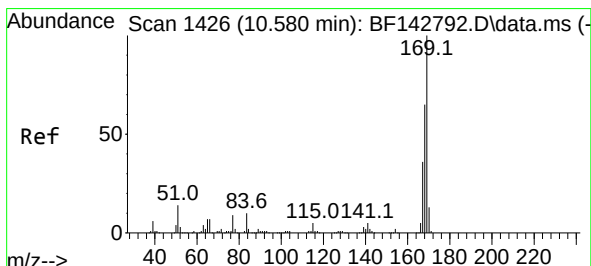
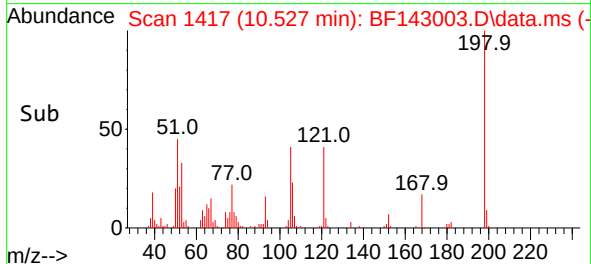
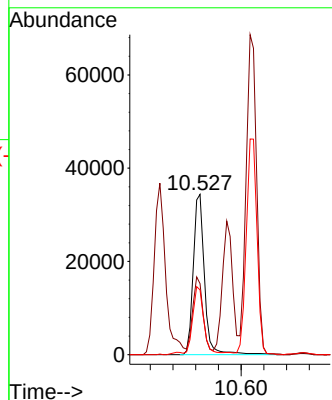
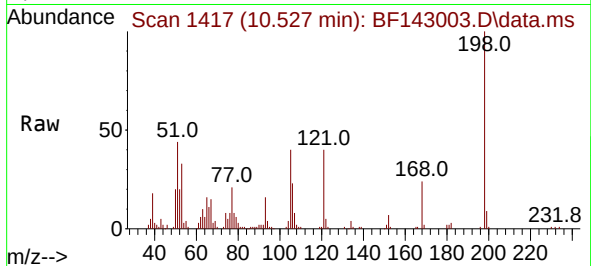




#65
4,6-Dinitro-2-methylphenol
Concen: 39.944 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

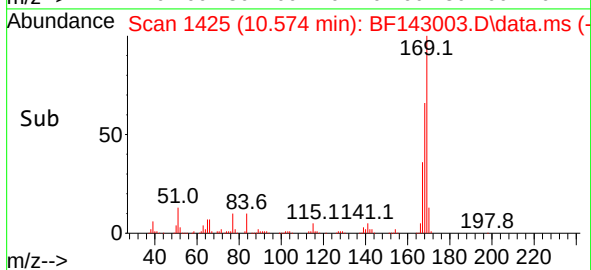
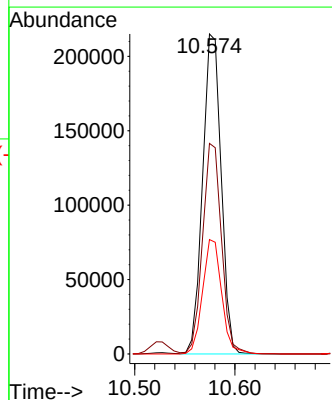
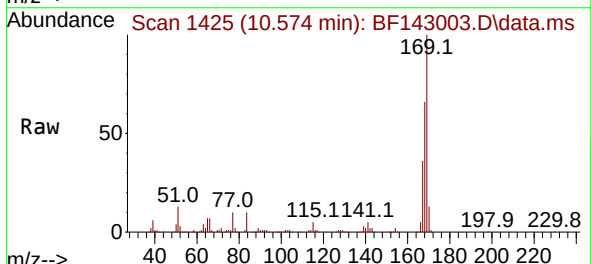
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

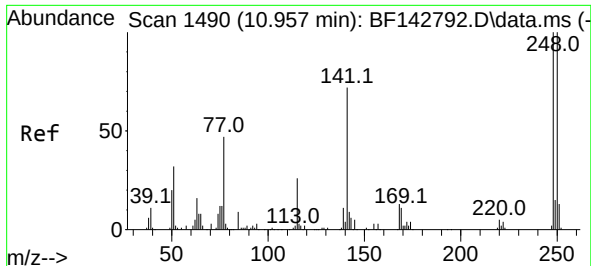
Tgt Ion:198 Resp: 47520
Ion Ratio Lower Upper
198 100
51 44.4 25.4 65.4
105 40.4 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.625 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:169 Resp: 276920
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 35.7 28.5 42.7

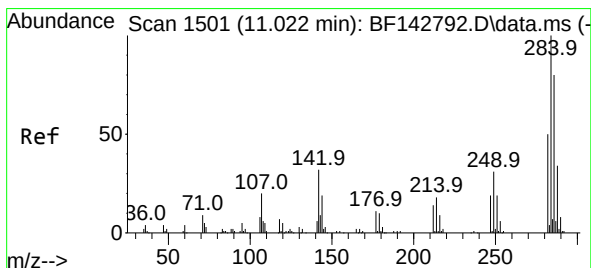
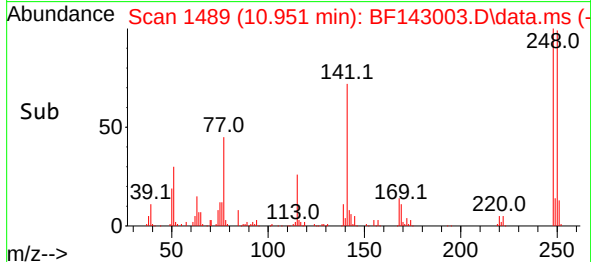
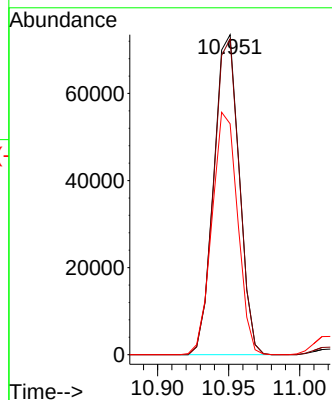
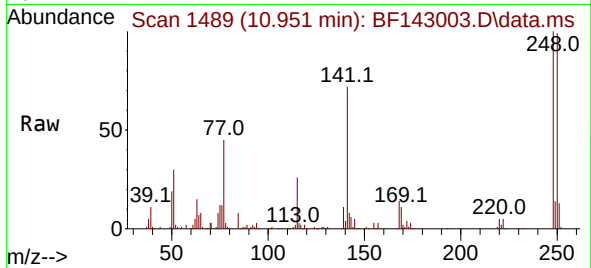




#67
4-Bromophenyl-phenylether
Concen: 40.831 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

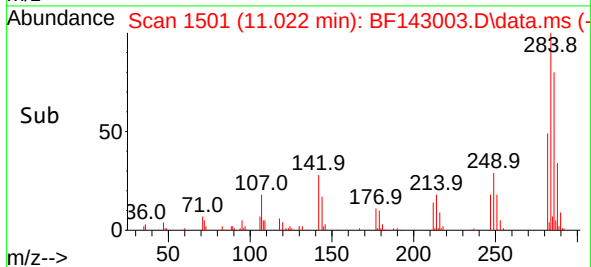
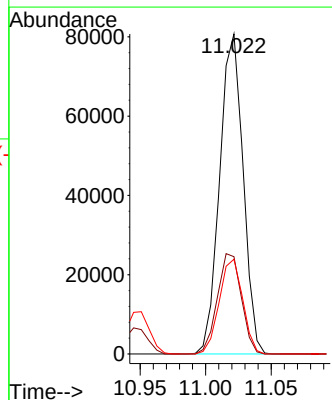
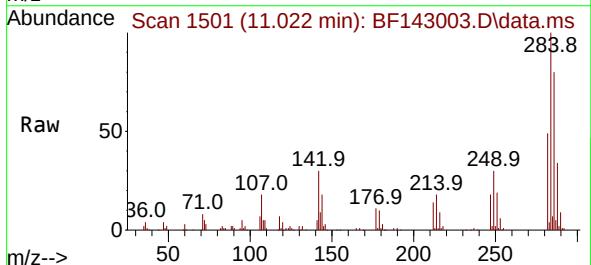
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

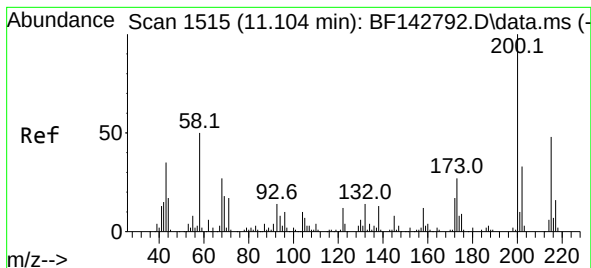
Tgt Ion:248 Resp: 91397
Ion Ratio Lower Upper
248 100
250 98.7 79.8 119.8
141 72.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 40.328 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:284 Resp: 100307
Ion Ratio Lower Upper
284 100
142 30.4 25.5 38.3
249 29.6 24.9 37.3





#69

Atrazine

Concen: 41.168 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

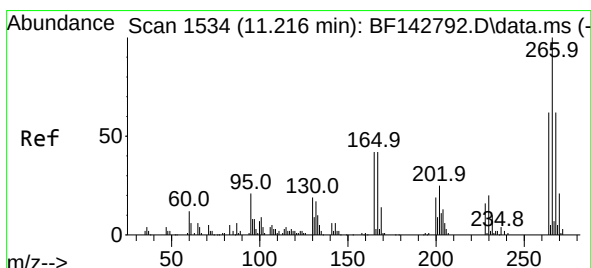
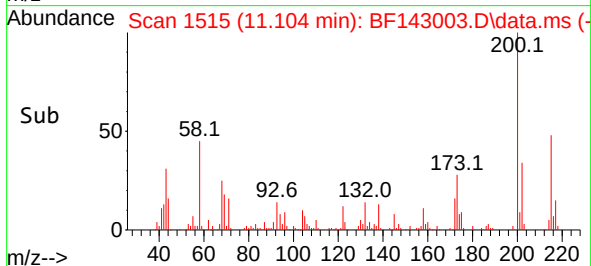
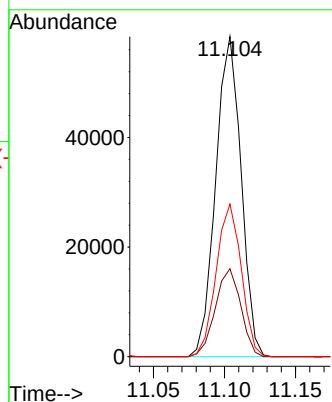
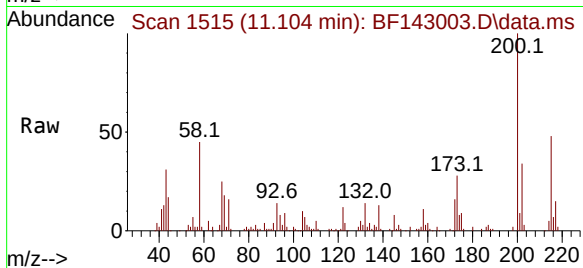
Tgt Ion:200 Resp: 72466

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 47.7 28.4 68.4



#70

Pentachlorophenol

Concen: 45.495 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

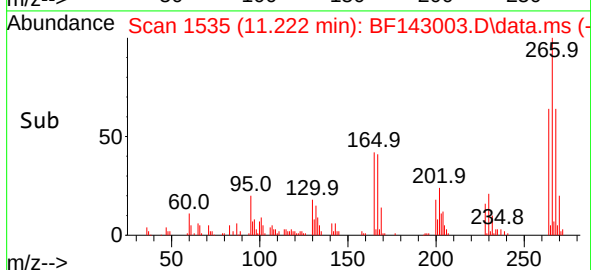
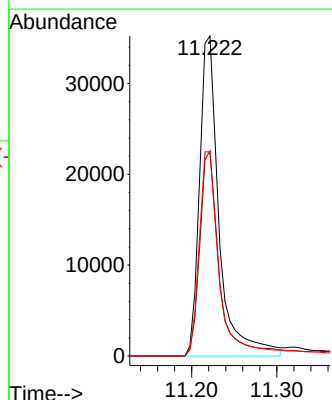
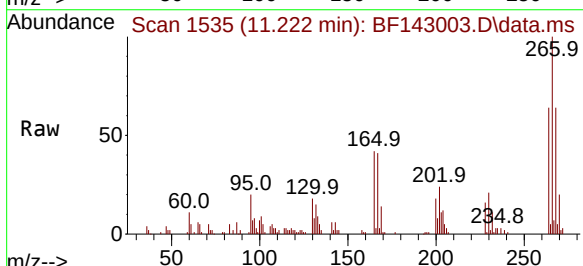
Tgt Ion:266 Resp: 56387

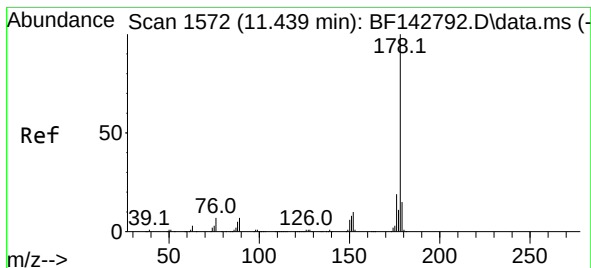
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 63.8 49.9 74.9





#71

Phenanthrene

Concen: 38.776 ng

RT: 11.433 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

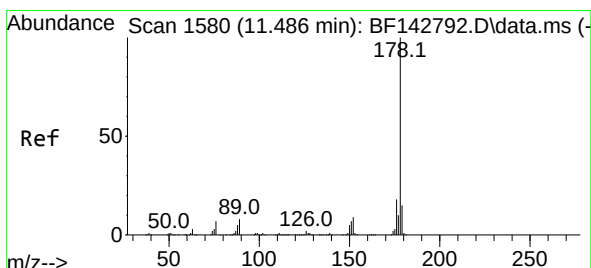
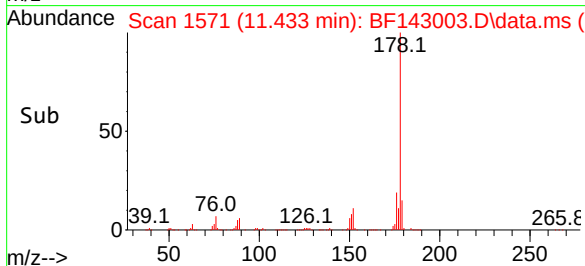
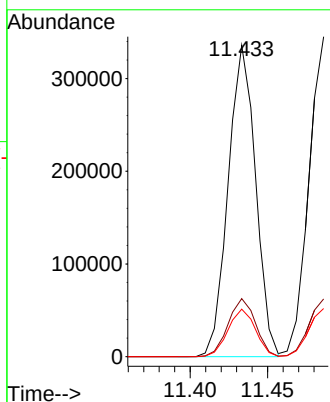
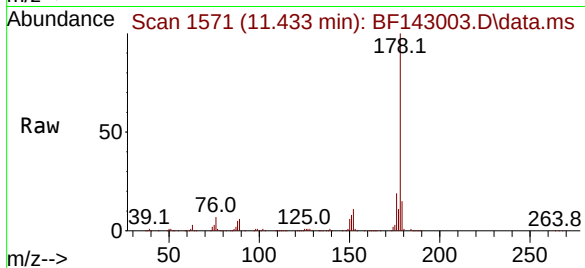
Tgt Ion:178 Resp: 413131

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.3 12.0 18.0



#72

Anthracene

Concen: 38.930 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

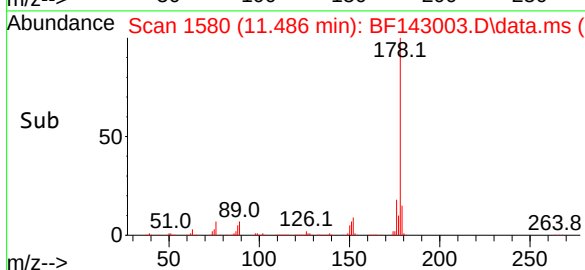
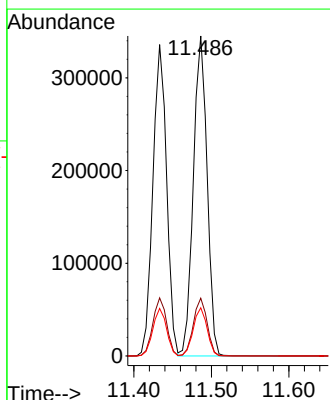
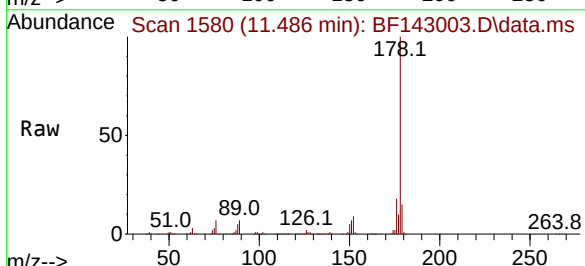
Tgt Ion:178 Resp: 425385

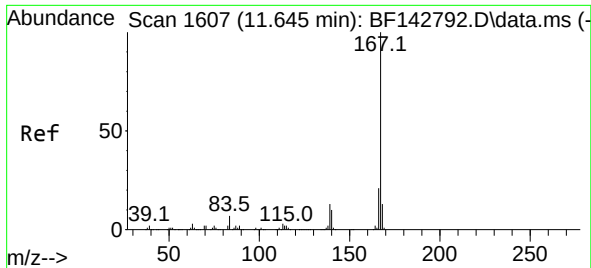
Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.1 12.4 18.6

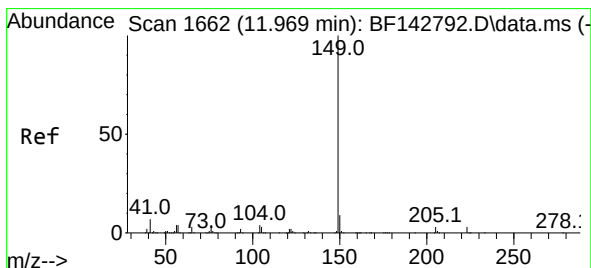
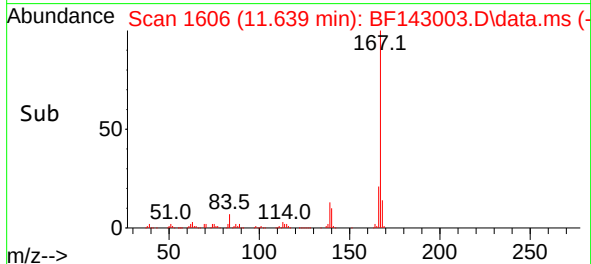
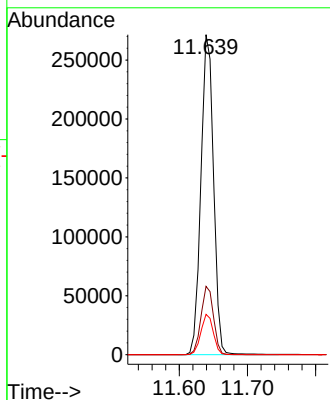
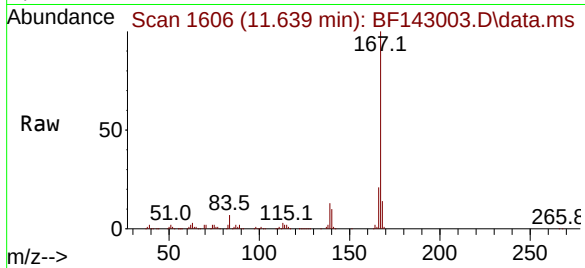




#73
Carbazole
Concen: 37.050 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

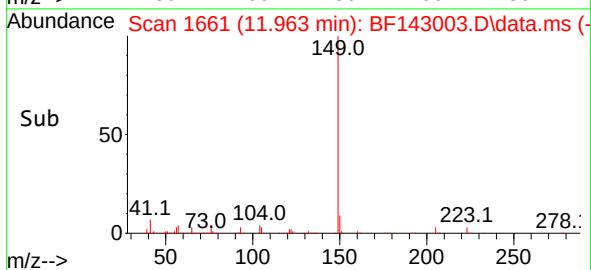
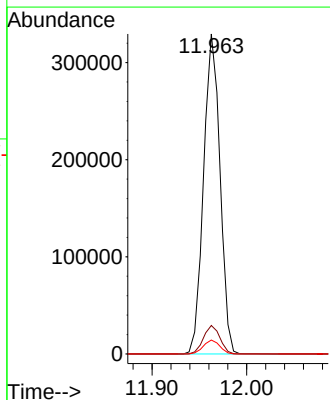
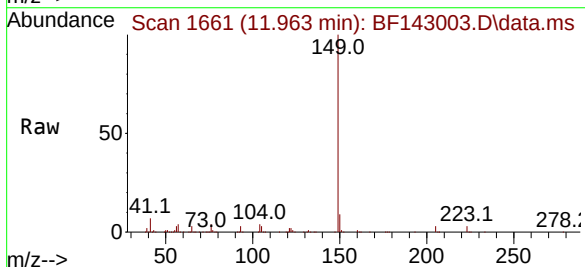
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

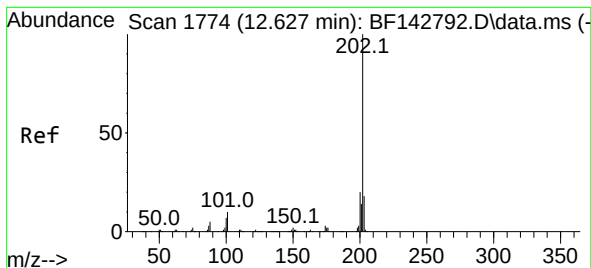
Tgt Ion:167 Resp: 349364
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.6 10.2 15.2



#74
Di-n-butylphthalate
Concen: 40.464 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:149 Resp: 397485
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 36.315 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

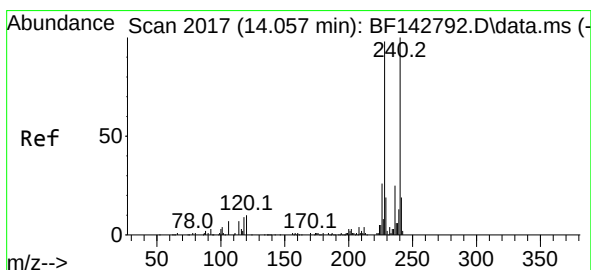
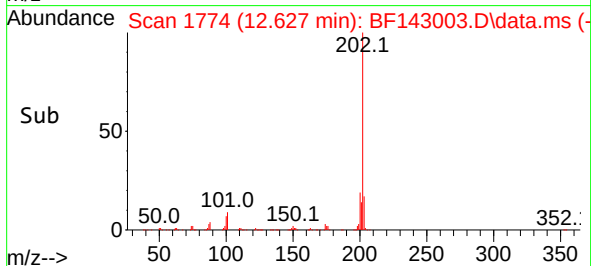
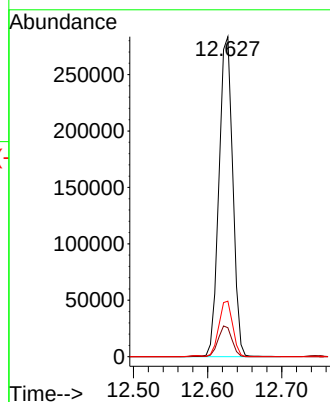
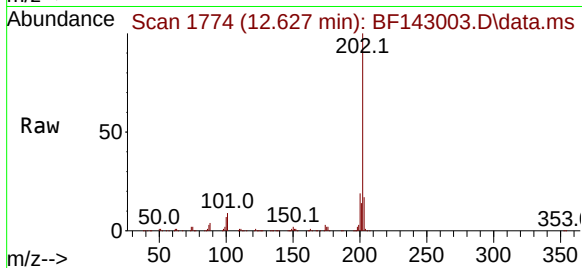
Tgt Ion:202 Resp: 367194

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.7

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

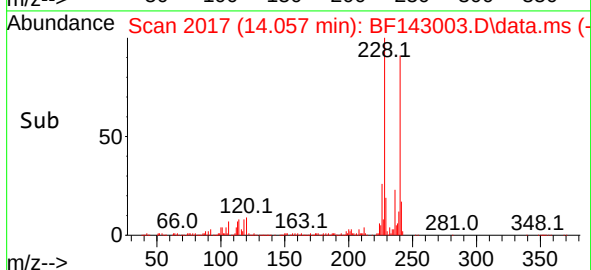
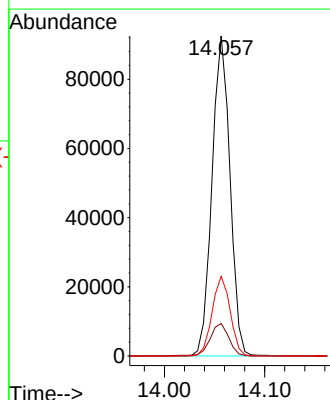
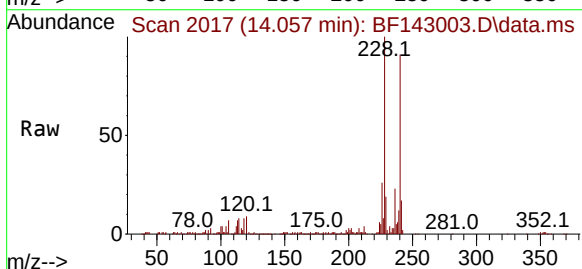
Tgt Ion:240 Resp: 115356

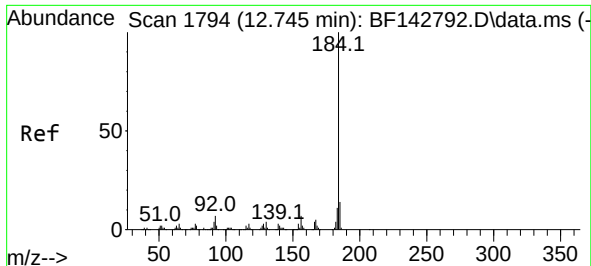
Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 24.8 19.8 29.8

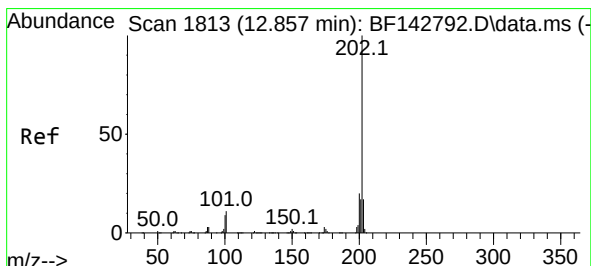
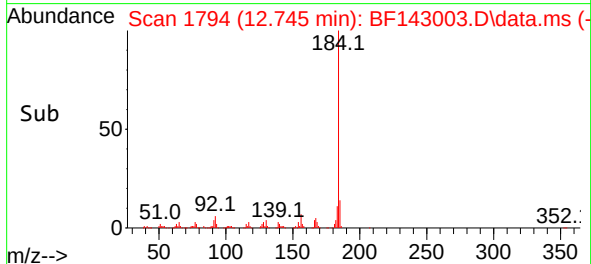
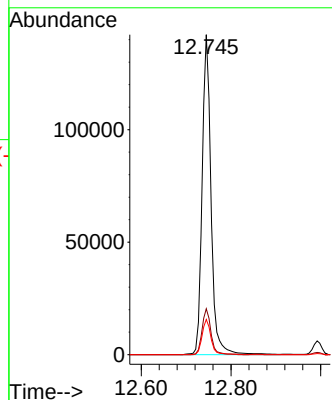
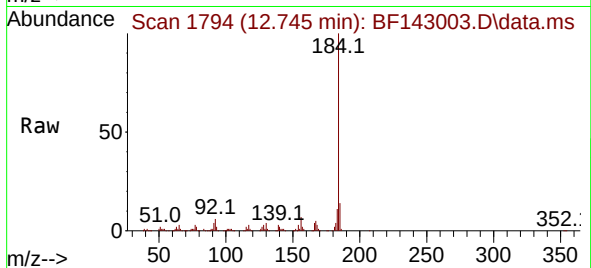




#77
Benzidine
Concen: 45.269 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

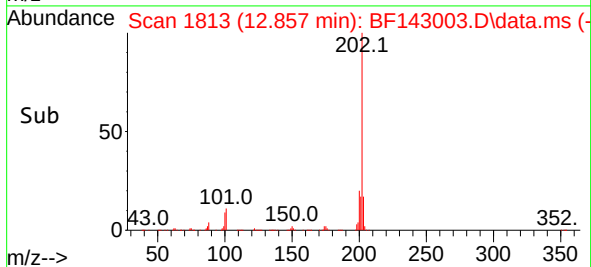
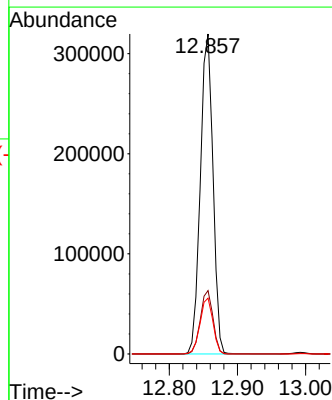
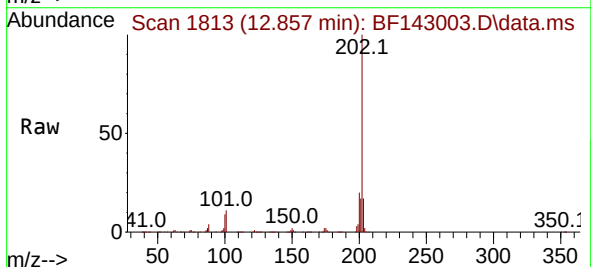
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

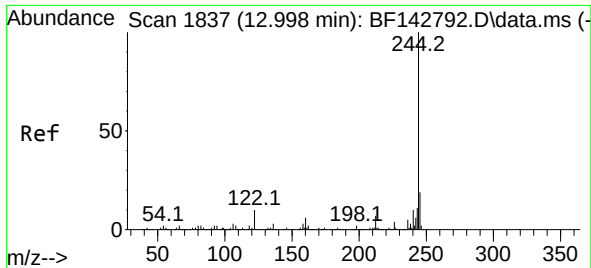
Tgt Ion:184 Resp: 196199
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.0 9.0 13.4



#78
Pyrene
Concen: 38.016 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:202 Resp: 411055
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 13.8 20.6

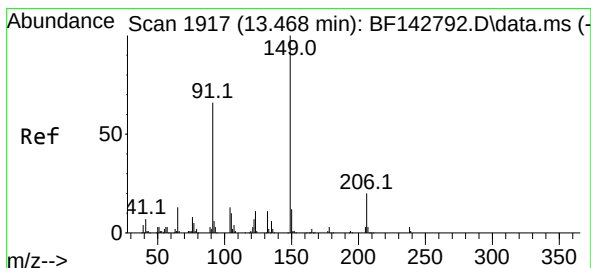
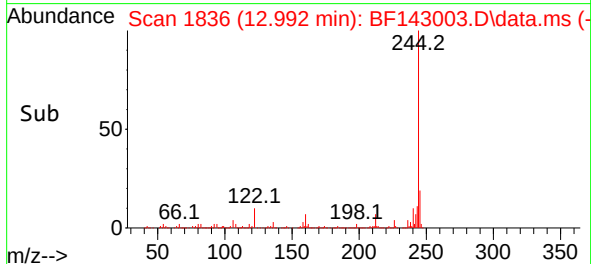
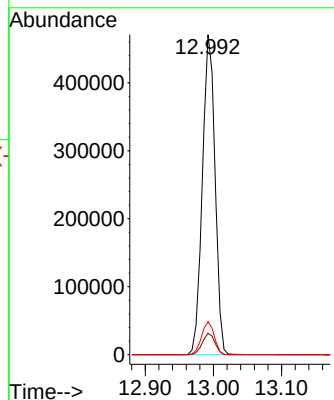
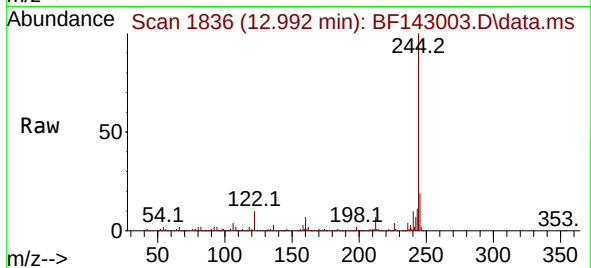




#79
 Terphenyl-d14
 Concen: 72.831 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143003.D
 Acq: 07 Jul 2025 12:12

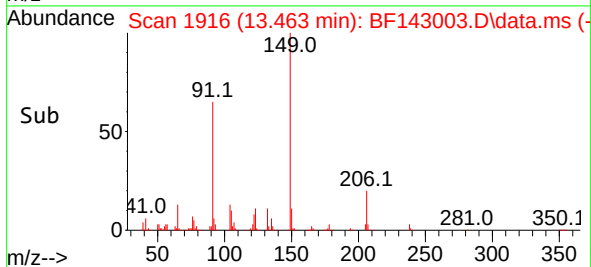
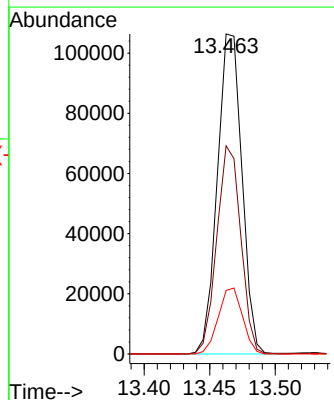
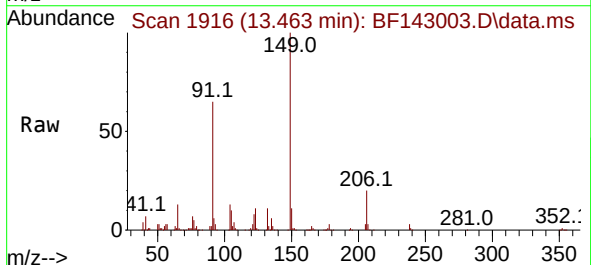
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

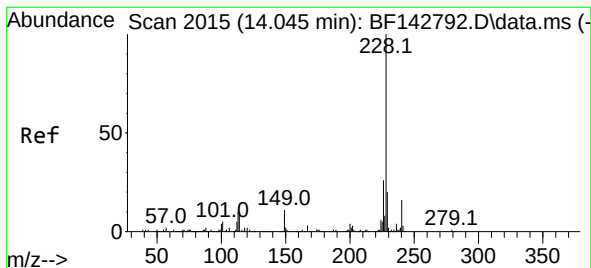
Tgt Ion:244 Resp: 608057
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 44.276 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF143003.D
 Acq: 07 Jul 2025 12:12

Tgt Ion:149 Resp: 138872
 Ion Ratio Lower Upper
 149 100
 91 65.0 52.9 79.3
 206 19.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 39.108 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

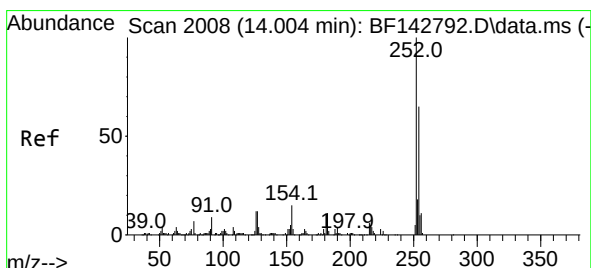
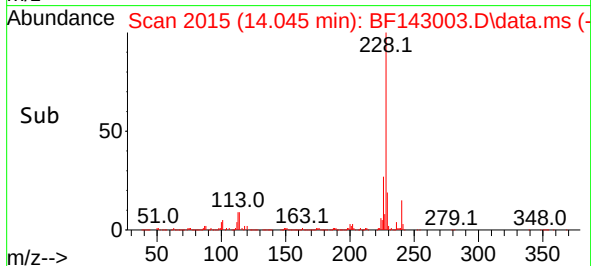
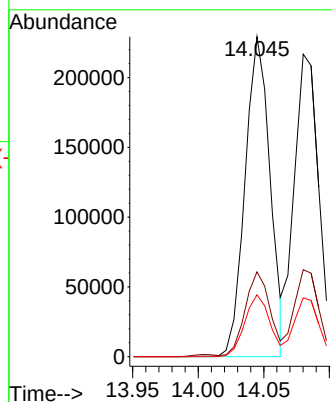
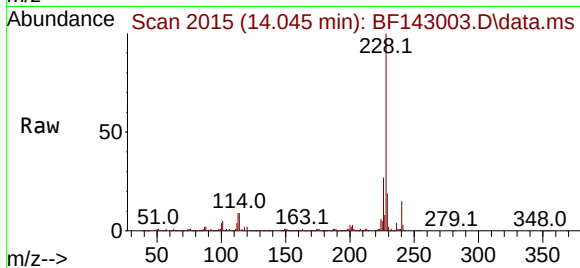
Tgt Ion:228 Resp: 304337

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.913 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

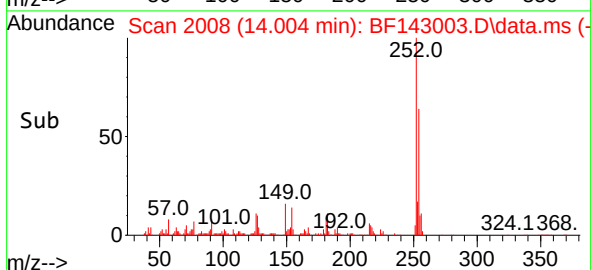
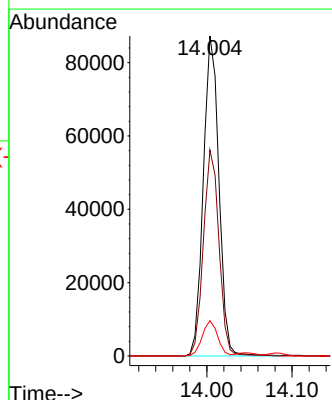
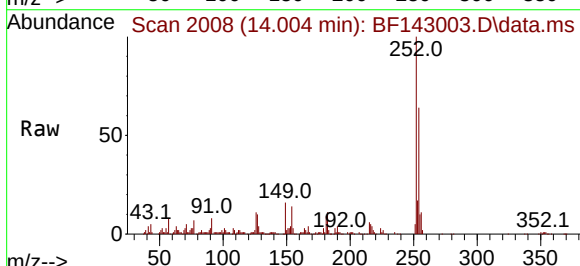
Tgt Ion:252 Resp: 110843

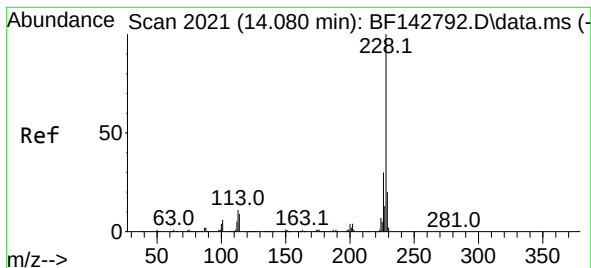
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 11.1 9.4 14.2





#83

Chrysene

Concen: 40.410 ng

RT: 14.080 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

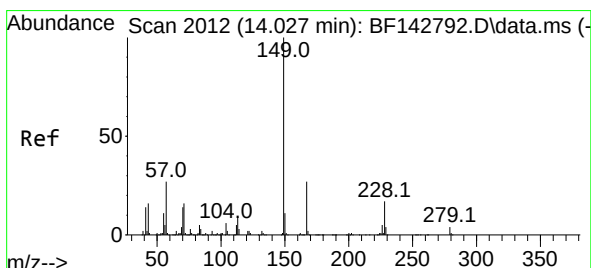
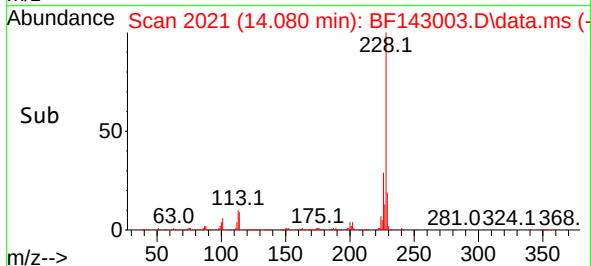
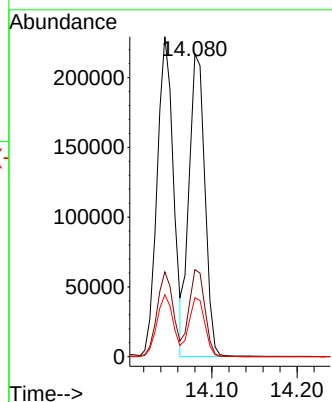
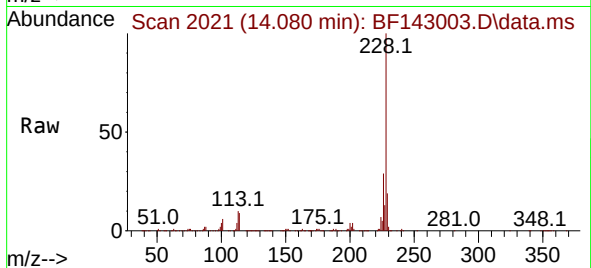
Tgt Ion:228 Resp: 280610

Ion Ratio Lower Upper

228 100

226 28.8 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.985 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

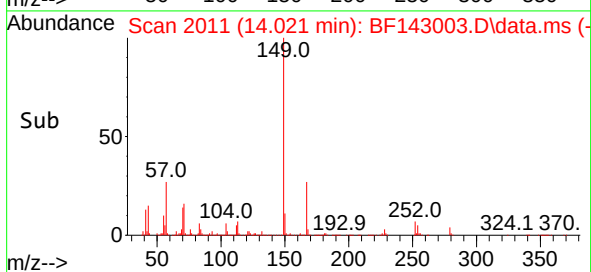
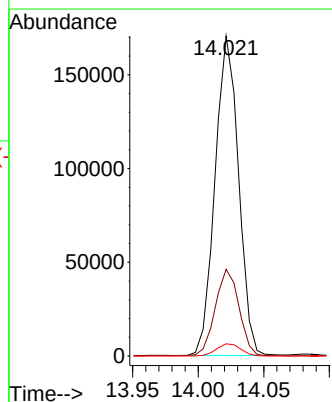
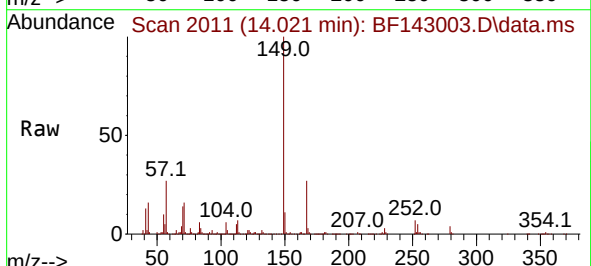
Tgt Ion:149 Resp: 212032

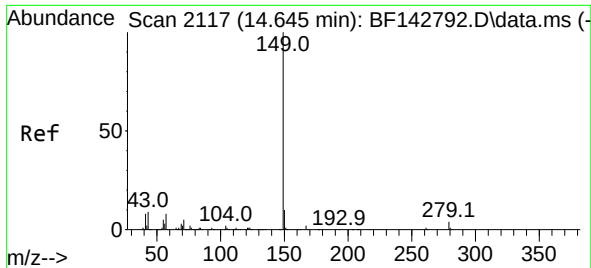
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 3.8 3.0 4.6

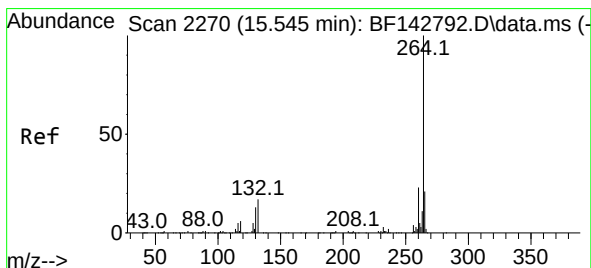
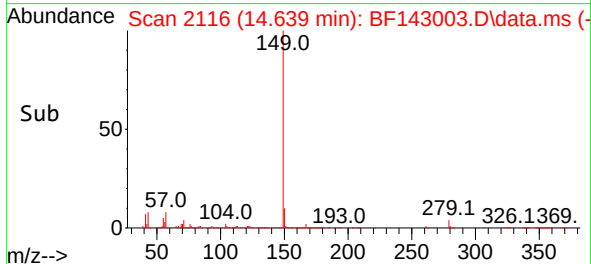
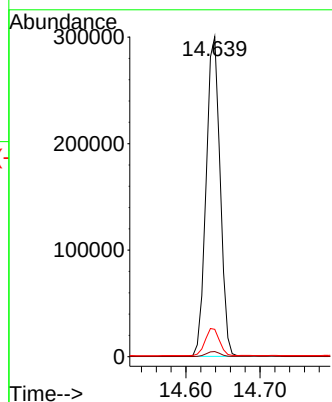
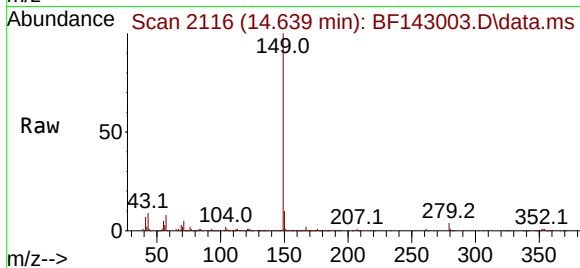




#85
Di-n-octyl phthalate
Concen: 46.235 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

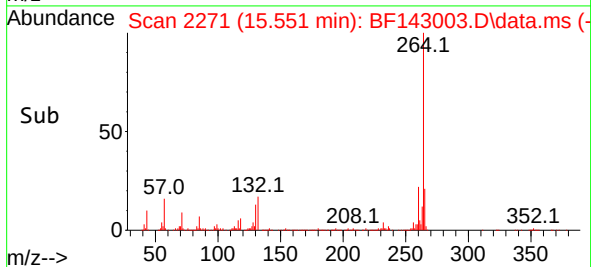
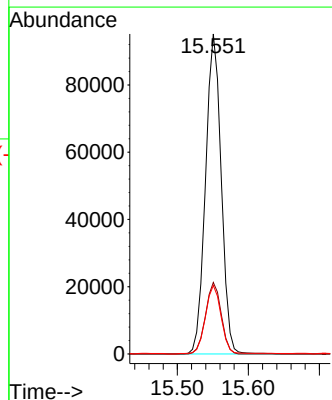
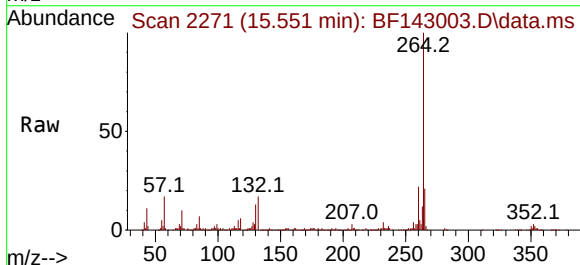
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

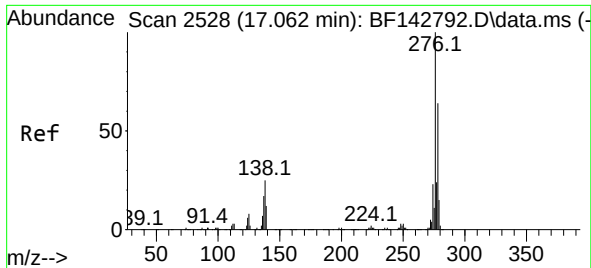
Tgt Ion:149 Resp: 393425
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.5 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:264 Resp: 146144
Ion Ratio Lower Upper
264 100
260 22.4 18.1 27.1
265 21.4 16.6 25.0

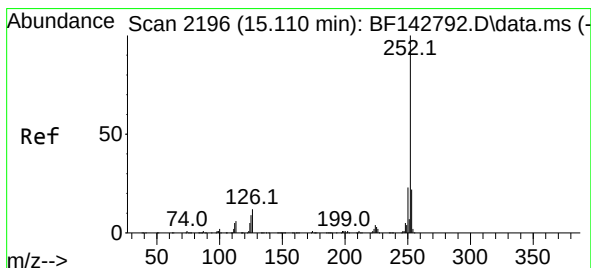
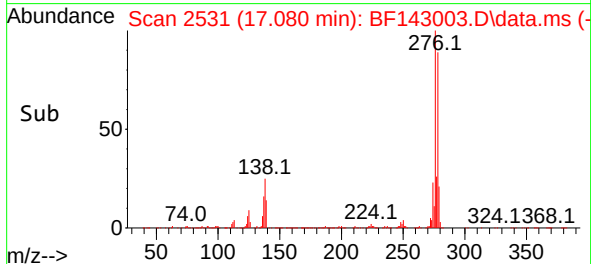
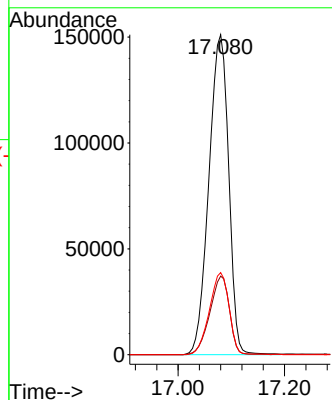
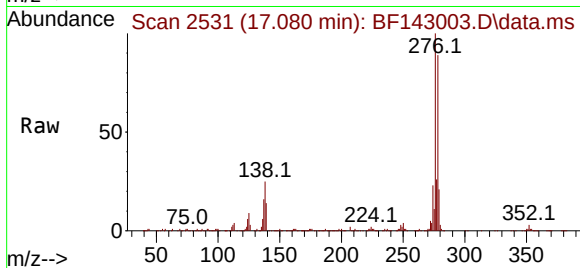




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.035 ng
RT: 17.080 min Scan# 2196
Delta R.T. 0.018 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

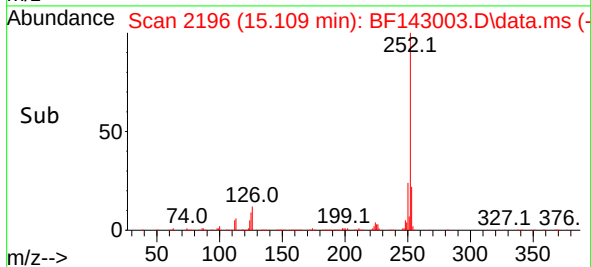
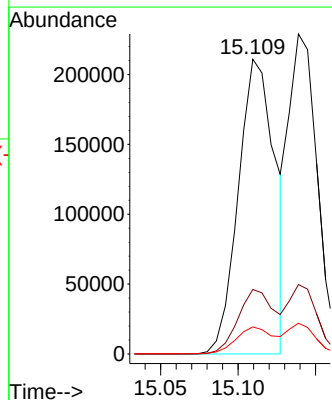
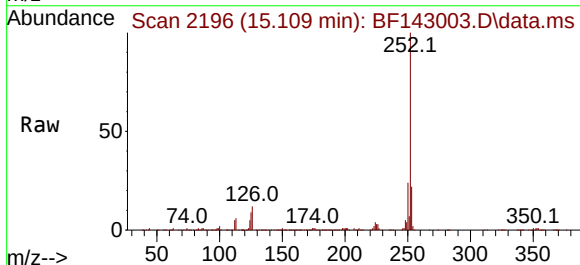
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

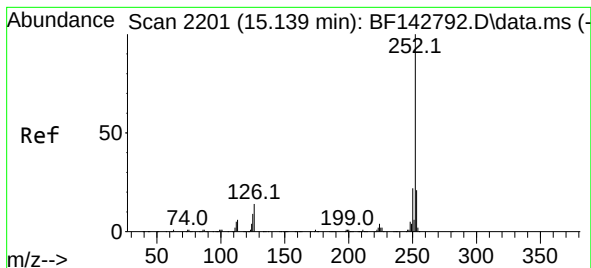
Tgt Ion:276 Resp: 390002
Ion Ratio Lower Upper
276 100
138 24.2 20.2 30.4
277 25.4 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 41.097 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:252 Resp: 347540
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 36.941 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

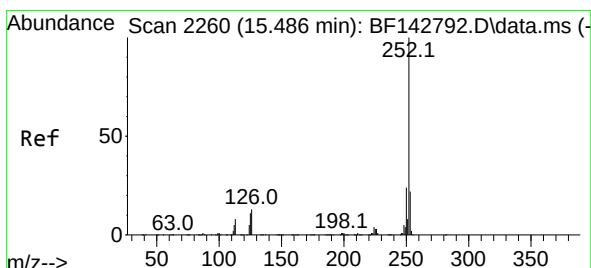
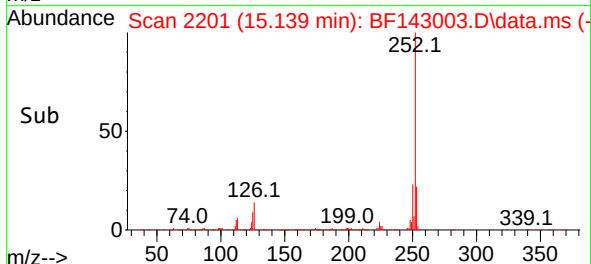
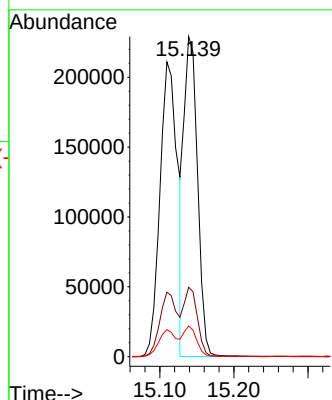
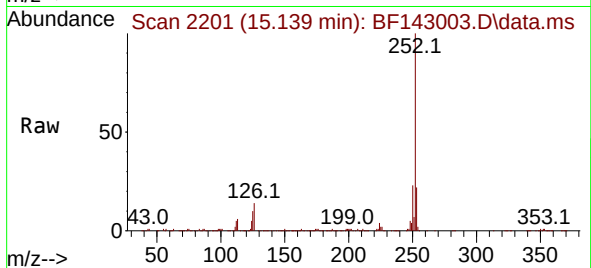
Tgt Ion:252 Resp: 292264

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.319 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF143003.D

Acq: 07 Jul 2025 12:12

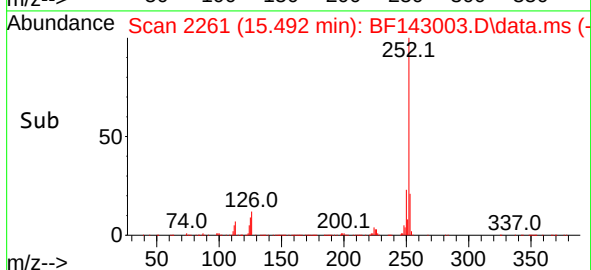
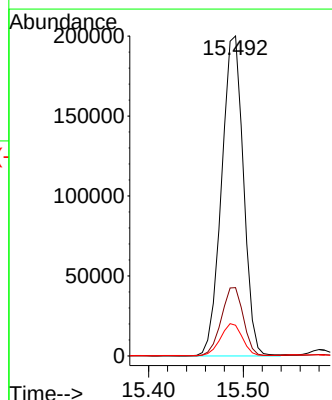
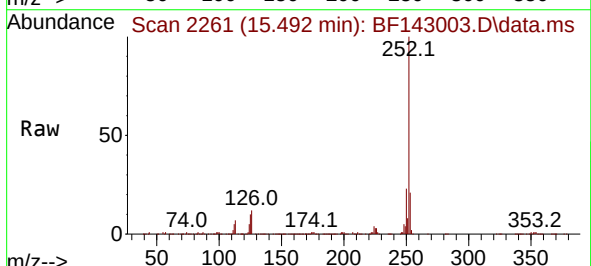
Tgt Ion:252 Resp: 321220

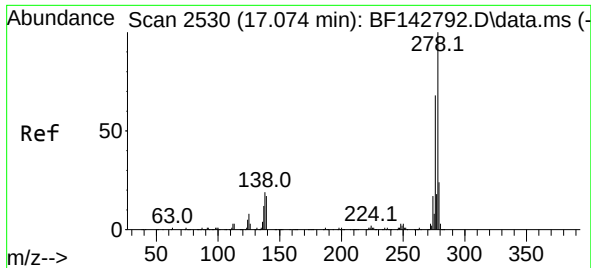
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.6 8.6 12.8

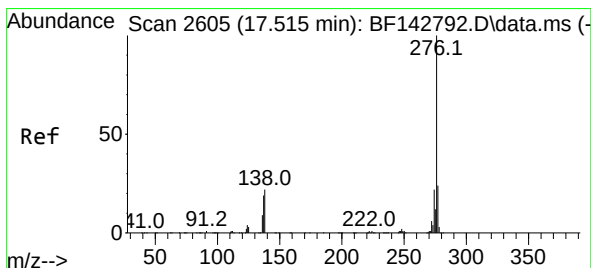
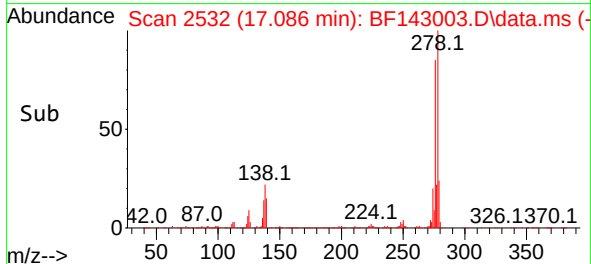
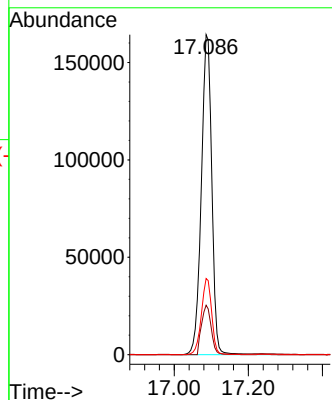
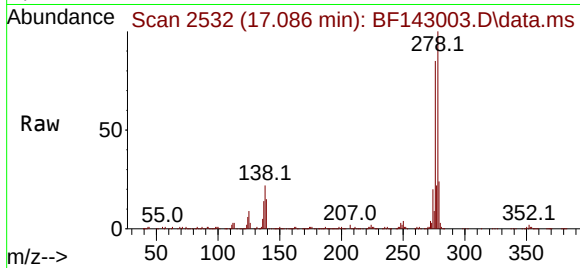




#91
Dibenzo(a,h)anthracene
Concen: 35.535 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 321404
Ion Ratio Lower Upper
278 100
139 15.5 13.5 20.3
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 33.820 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:276 Resp: 305022
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 19.9 17.6 26.4

