

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143104.D
 Acq On : 16 Jul 2025 10:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 16 11:20:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	124685	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	476478	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	239089	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	379263	20.000	ng	0.00
76) Chrysene-d12	14.127	240	198581	20.000	ng	0.00
86) Perylene-d12	15.633	264	227828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	635361	80.509	ng	0.00
7) Phenol-d6	6.587	99	790848	79.723	ng	0.00
23) Nitrobenzene-d5	7.528	82	763265	89.863	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	181547	85.160	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1365947	75.943	ng	0.00
79) Terphenyl-d14	13.074	244	1070842	78.828	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	156080	39.731	ng	99
3) Pyridine	3.581	79	400393	40.250	ng	99
4) n-Nitrosodimethylamine	3.522	42	201545	39.105	ng	100
6) Aniline	6.628	93	554361	39.685	ng	99
8) 2-Chlorophenol	6.751	128	326816	41.218	ng	99
9) Benzaldehyde	6.516	77	316641	41.890	ng	98
10) Phenol	6.598	94	453829	42.260	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	329650	39.652	ng	100
12) 1,3-Dichlorobenzene	6.910	146	353868	39.504	ng	99
13) 1,4-Dichlorobenzene	6.987	146	353257	39.199	ng	100
14) 1,2-Dichlorobenzene	7.140	146	344735	40.113	ng	99
15) Benzyl Alcohol	7.098	79	301321	40.994	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.240	45	596725	38.938	ng	100
17) 2-Methylphenol	7.204	107	269619	39.404	ng	99
18) Hexachloroethane	7.487	117	123458	42.082	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	240349	39.548	ng	99
20) 3+4-Methylphenols	7.357	107	346427	41.284	ng	# 84
22) Acetophenone	7.369	105	444494	38.699	ng	94
24) Nitrobenzene	7.545	77	348371	42.487	ng	99
25) Isophorone	7.781	82	650259	39.609	ng	98
26) 2-Nitrophenol	7.863	139	128640	39.975	ng	99
27) 2,4-Dimethylphenol	7.892	122	306550	40.231	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	390337	39.209	ng	100
29) 2,4-Dichlorophenol	8.098	162	257819	41.359	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	279832	39.555	ng	98
31) Naphthalene	8.275	128	925508	39.115	ng	100
32) Benzoic acid	7.981	122	142990	39.066	ng	99
33) 4-Chloroaniline	8.310	127	376127	39.530	ng	99
34) Hexachlorobutadiene	8.392	225	168471	39.819	ng	99
35) Caprolactam	8.669	113	79188	40.681	ng	99
36) 4-Chloro-3-methylphenol	8.781	107	278254	40.072	ng	98
37) 2-Methylnaphthalene	8.963	142	557077	39.466	ng	100
38) 1-Methylnaphthalene	9.063	142	572855	39.129	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	271156	38.917	ng	100
41) Hexachlorocyclopentadiene	9.122	237	157295	40.718	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	179814	41.534	ng	99

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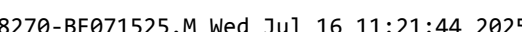
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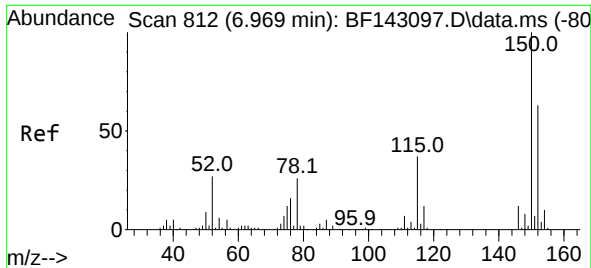
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	186381	41.057	ng	99
46) 1,1'-Biphenyl	9.428	154	731809	38.381	ng	100
47) 2-Chloronaphthalene	9.451	162	540256	38.570	ng	100
48) 2-Nitroaniline	9.534	65	163510	39.687	ng	99
49) Acenaphthylene	9.869	152	901093	38.607	ng	99
50) Dimethylphthalate	9.722	163	598079	39.762	ng	100
51) 2,6-Dinitrotoluene	9.775	165	118576	40.367	ng	97
52) Acenaphthene	10.039	154	533633	38.743	ng	99
53) 3-Nitroaniline	9.945	138	144102	44.337	ng	96
54) 2,4-Dinitrophenol	10.045	184	37620	41.534	ng	66
55) Dibenzofuran	10.210	168	792850	38.620	ng	100
56) 4-Nitrophenol	10.086	139	108734	42.095	ng	99
57) 2,4-Dinitrotoluene	10.181	165	145469	39.816	ng	100
58) Fluorene	10.551	166	582170	37.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	150597	41.746	ng	99
60) Diethylphthalate	10.422	149	574104	39.562	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	289465	39.238	ng	99
62) 4-Nitroaniline	10.557	138	120781	42.733	ng	100
63) Azobenzene	10.704	77	617929	38.503	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	55403	41.076	ng	98
66) n-Nitrosodiphenylamine	10.657	169	518798	38.942	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	170679	39.573	ng	98
68) Hexachlorobenzene	11.104	284	180784	39.504	ng	98
69) Atrazine	11.180	200	138969	40.773	ng	99
70) Pentachlorophenol	11.292	266	103478	41.214	ng	98
71) Phenanthrene	11.516	178	797369	38.956	ng	99
72) Anthracene	11.569	178	817779	39.731	ng	99
73) Carbazole	11.716	167	712691	38.649	ng	100
74) Di-n-butylphthalate	12.051	149	717409	42.384	ng	100
75) Fluoranthene	12.704	202	730216	39.235	ng	100
77) Benzidine	12.816	184	256889	37.971	ng	100
78) Pyrene	12.933	202	730983	39.673	ng	99
80) Butylbenzylphthalate	13.545	149	143451	39.410	ng	96
81) Benzo(a)anthracene	14.116	228	532856	40.268	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	153373	39.913	ng	100
83) Chrysene	14.157	228	470466	38.602	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	212589	38.784	ng	98
85) Di-n-octyl phthalate	14.727	149	383461	37.934	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	695644	41.053	ng	99
88) Benzo(b)fluoranthene	15.192	252	516395	39.295	ng	99
89) Benzo(k)fluoranthene	15.221	252	507467	40.477	ng	100
90) Benzo(a)pyrene	15.568	252	504482	40.589	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	572430	41.325	ng	99
92) Benzo(g,h,i)perylene	17.645	276	579712	41.049	ng	99

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

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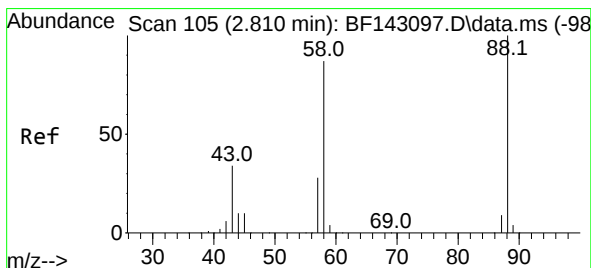
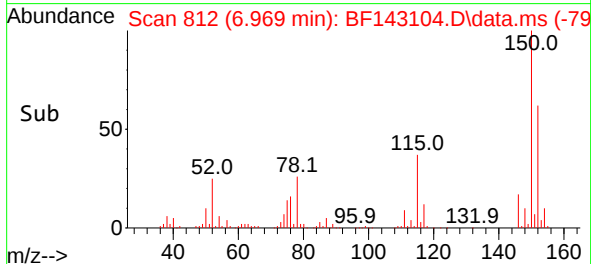
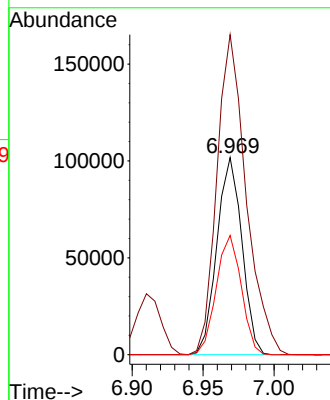
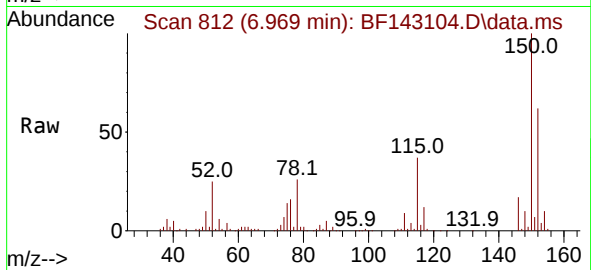




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

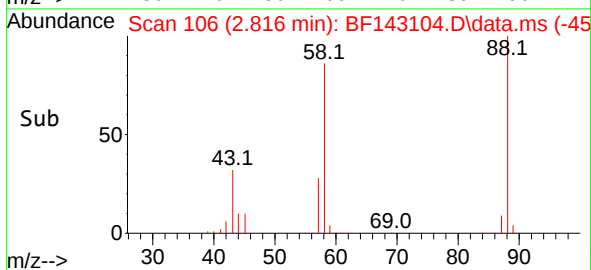
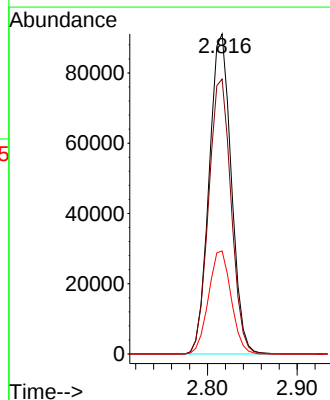
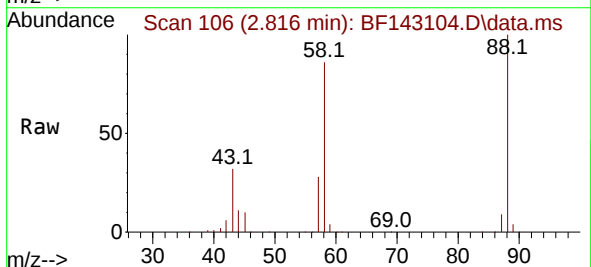
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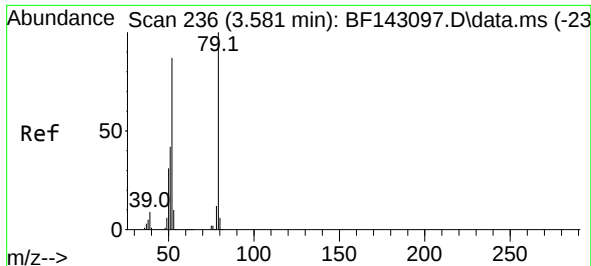
Tgt Ion:152 Resp: 124685
Ion Ratio Lower Upper
152 100
150 162.3 126.5 189.7
115 60.5 47.0 70.6



#2
1,4-Dioxane
Concen: 39.731 ng
RT: 2.816 min Scan# 106
Delta R.T. 0.006 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion: 88 Resp: 156080
Ion Ratio Lower Upper
88 100
58 87.1 70.5 105.7
43 32.9 27.3 40.9

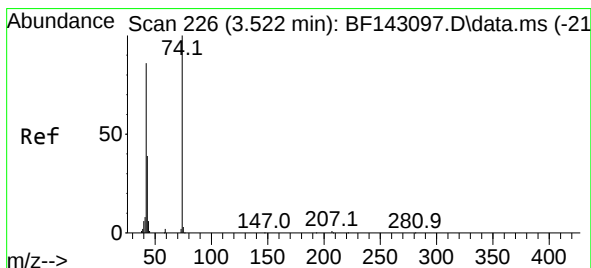
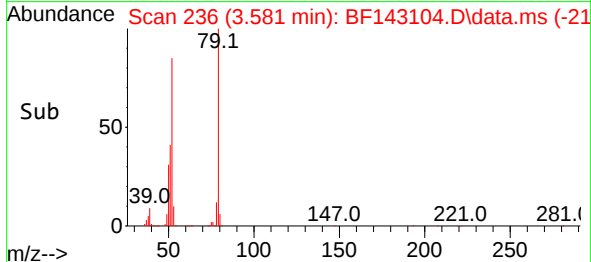
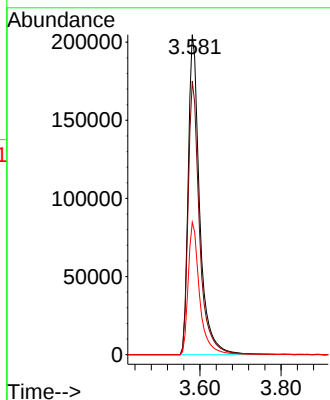
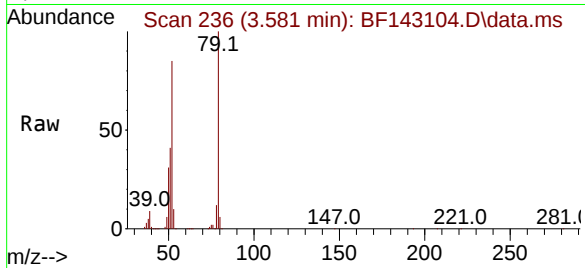




#3
Pyridine
Concen: 40.250 ng
RT: 3.581 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

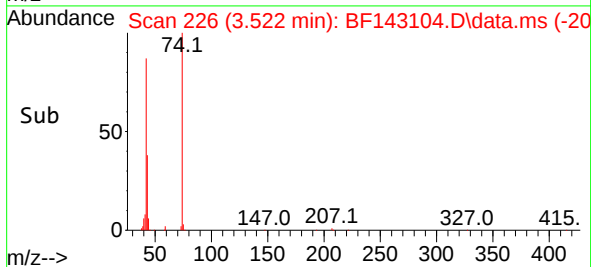
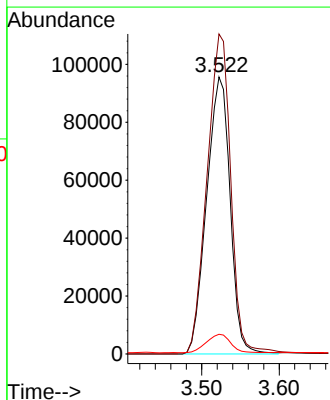
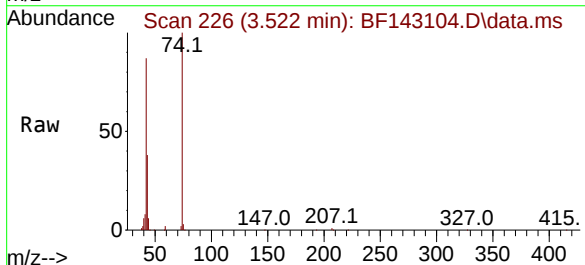
Instrument :
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ClientSampleId :
SSTDCCC040

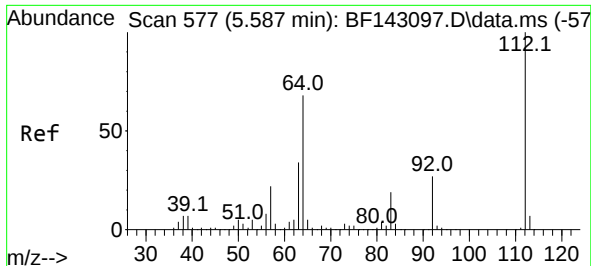
Tgt Ion: 79 Resp: 400393
Ion Ratio Lower Upper
79 100
52 85.5 69.2 103.8
51 41.4 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 39.105 ng
RT: 3.522 min Scan# 226
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion: 42 Resp: 201545
Ion Ratio Lower Upper
42 100
74 115.6 92.8 139.2
44 7.1 5.8 8.6

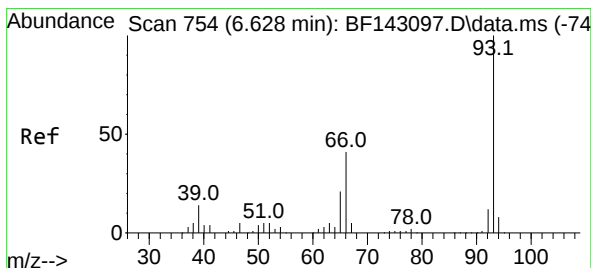
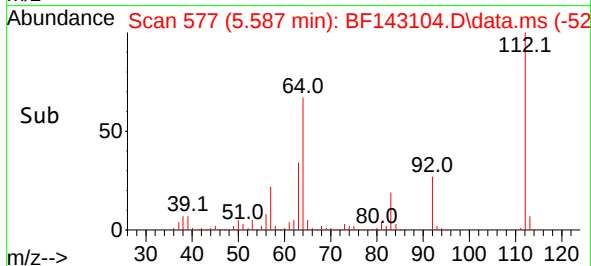
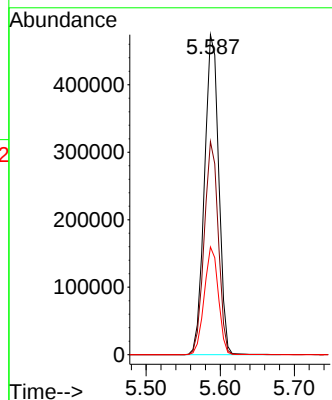
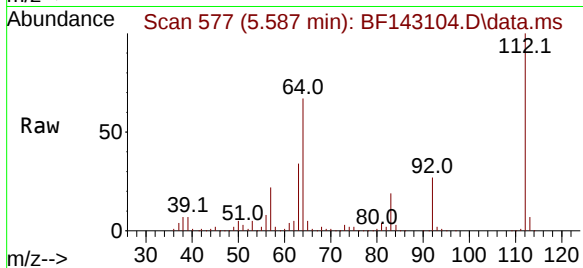




#5
2-Fluorophenol
Concen: 80.509 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

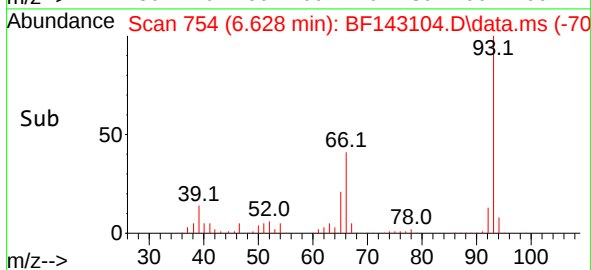
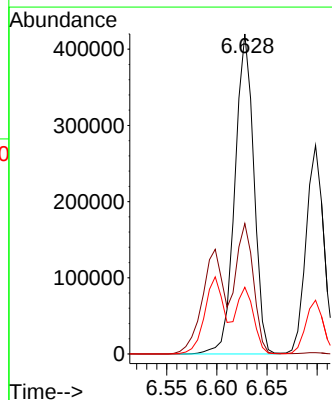
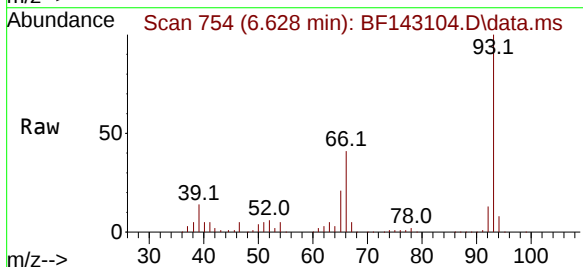
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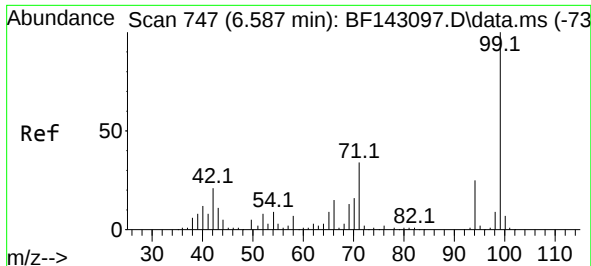
Tgt Ion:112 Resp: 635361
Ion Ratio Lower Upper
112 100
64 66.6 54.6 82.0
63 33.7 27.3 40.9



#6
Aniline
Concen: 39.685 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion: 93 Resp: 554361
Ion Ratio Lower Upper
93 100
66 40.8 33.1 49.7
65 20.9 16.9 25.3

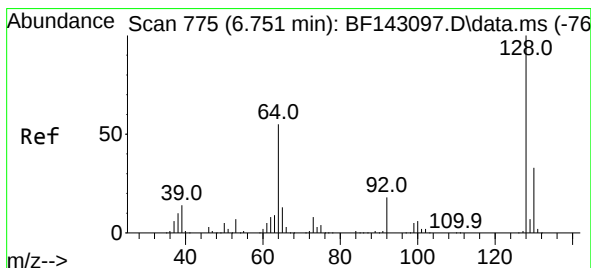
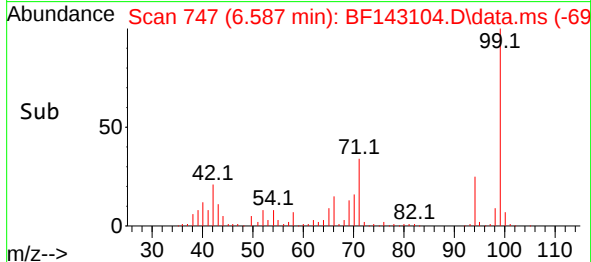
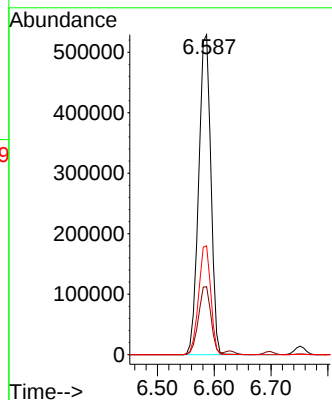
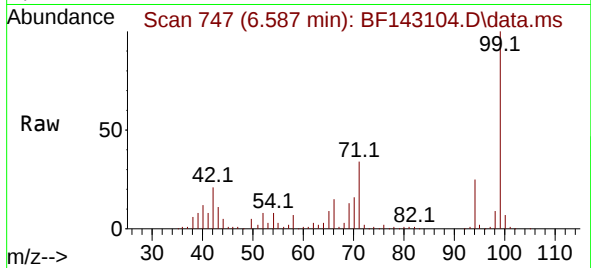




#7
Phenol-d6
Concen: 79.723 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

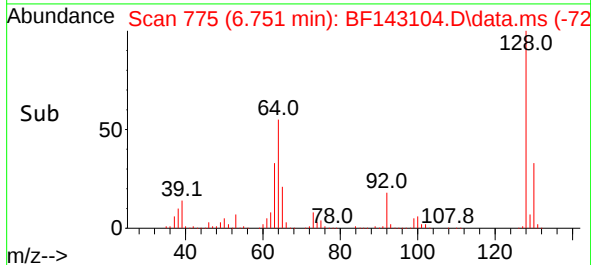
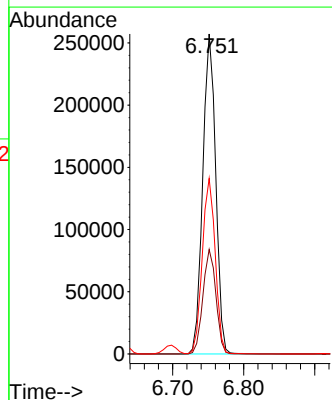
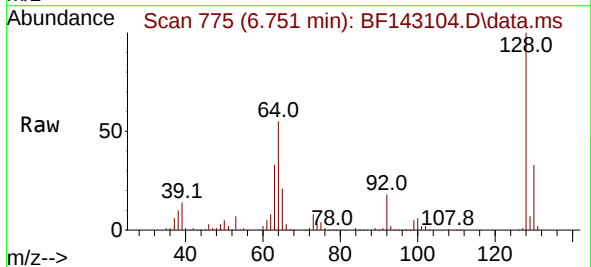
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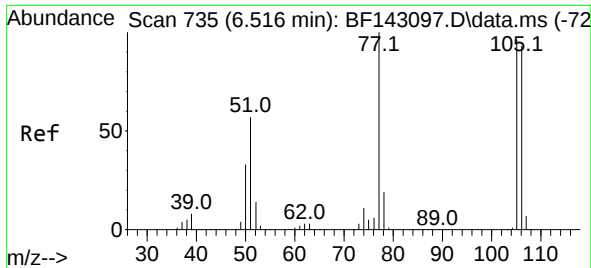
Tgt Ion: 99 Resp: 790848
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 34.0 27.4 41.0



#8
2-Chlorophenol
Concen: 41.218 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:128 Resp: 326816
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 54.9 36.1 76.1

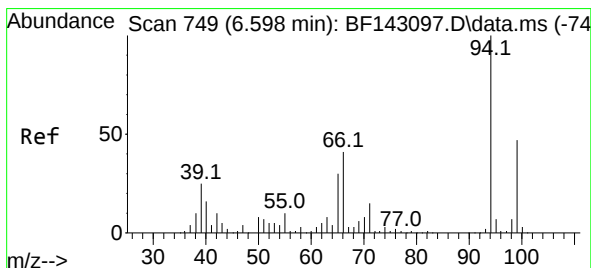
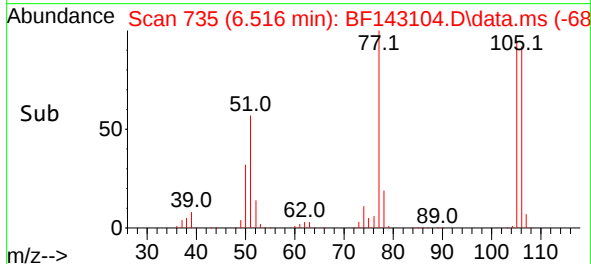
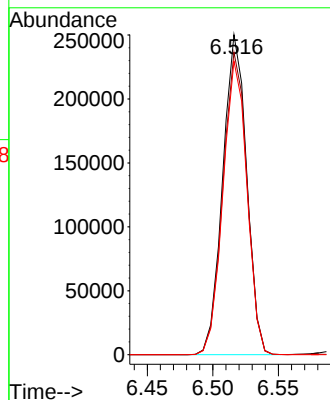
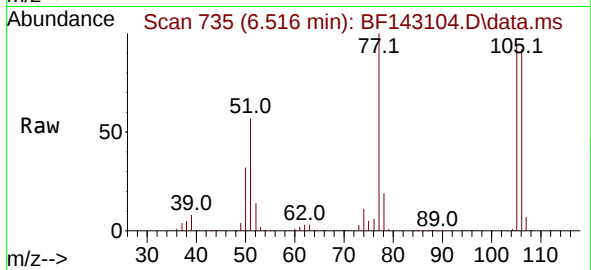




#9
Benzaldehyde
Concen: 41.890 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF143104.D
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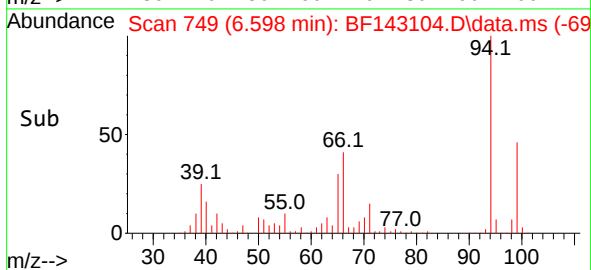
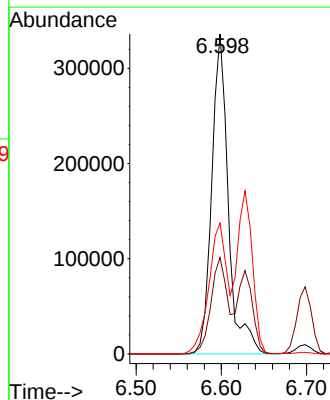
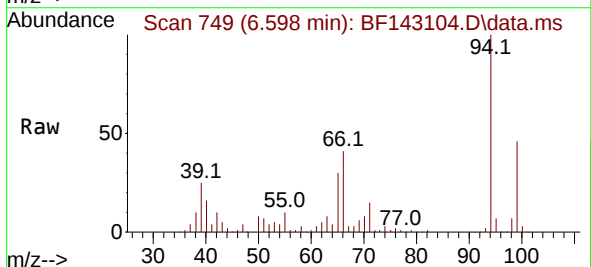
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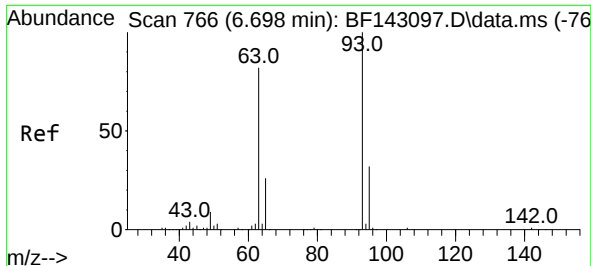
Tgt Ion: 77 Resp: 316641
Ion Ratio Lower Upper
77 100
105 94.5 76.3 116.3
106 91.7 72.8 112.8



#10
Phenol
Concen: 42.260 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion: 94 Resp: 453829
Ion Ratio Lower Upper
94 100
65 30.2 9.8 49.8
66 40.9 20.5 60.5

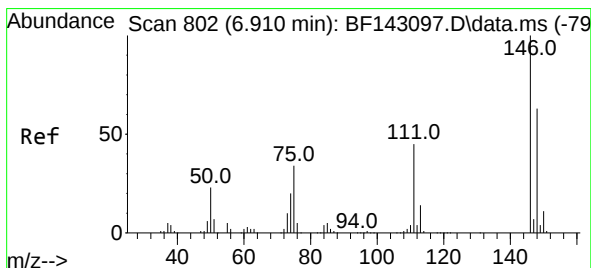
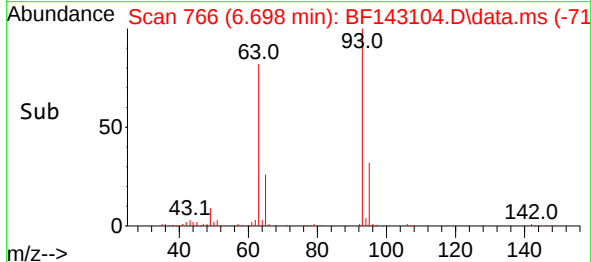
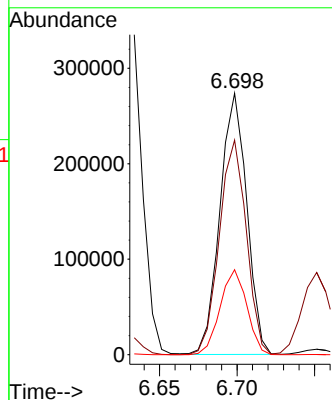
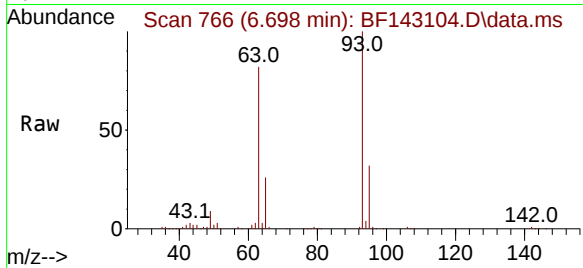




#11
bis(2-Chloroethyl)ether
Concen: 39.652 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

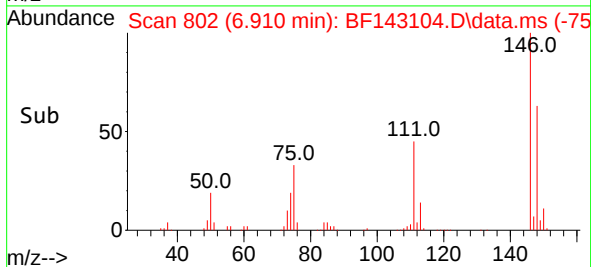
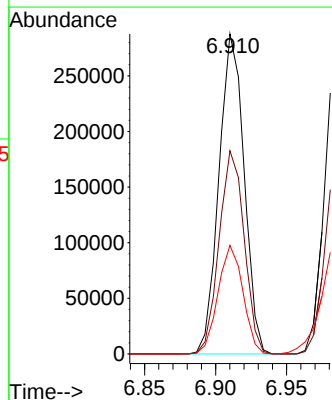
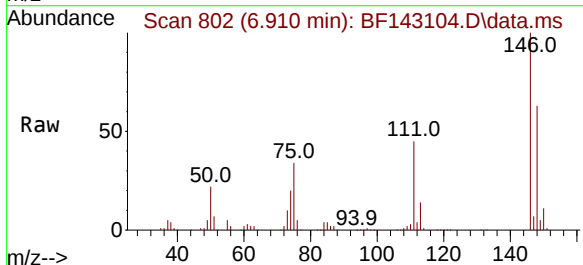
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

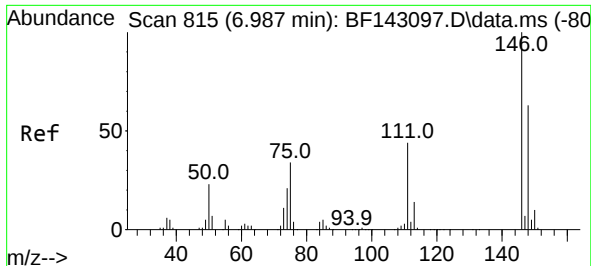
Tgt Ion: 93 Resp: 329650
Ion Ratio Lower Upper
93 100
63 82.1 61.9 101.9
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.504 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:146 Resp: 353868
Ion Ratio Lower Upper
146 100
148 63.5 50.1 75.1
75 34.0 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 39.199 ng

RT: 6.987 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

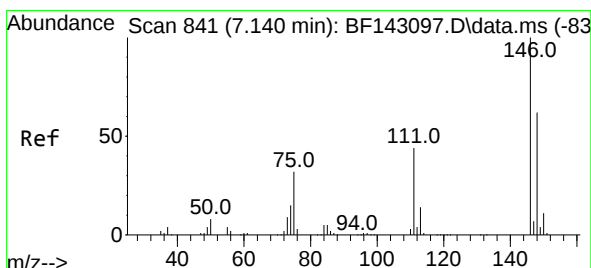
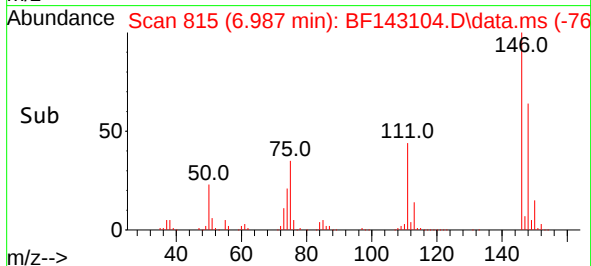
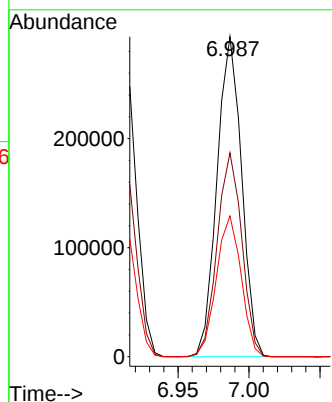
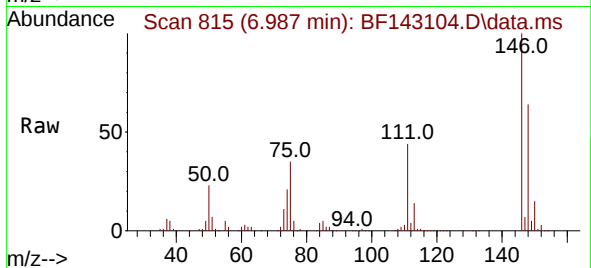
Tgt Ion:146 Resp: 353257

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

111 44.0 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 40.113 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

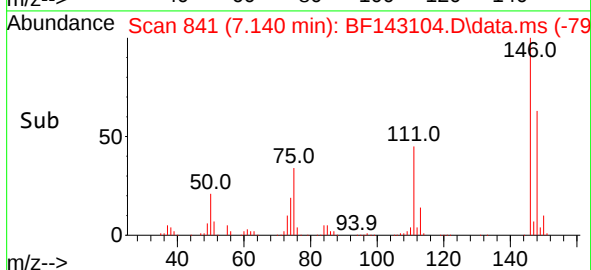
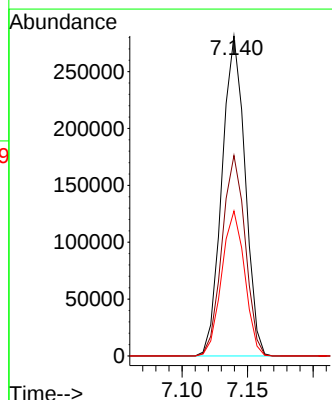
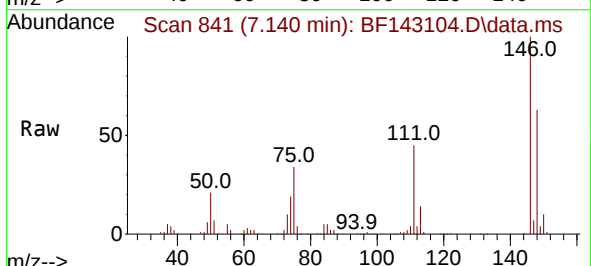
Tgt Ion:146 Resp: 344735

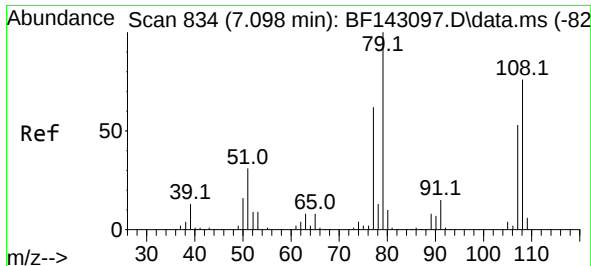
Ion Ratio Lower Upper

146 100

148 62.6 49.8 74.6

111 45.3 35.4 53.0

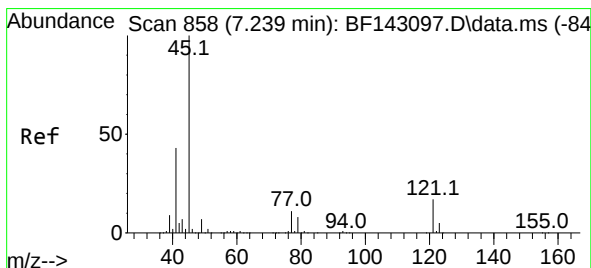
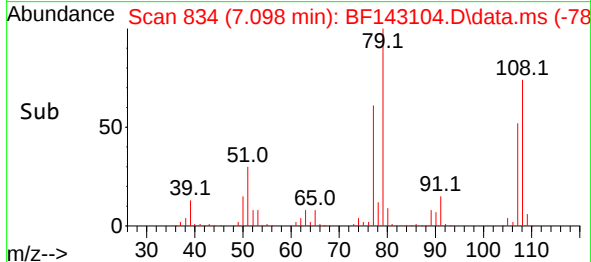
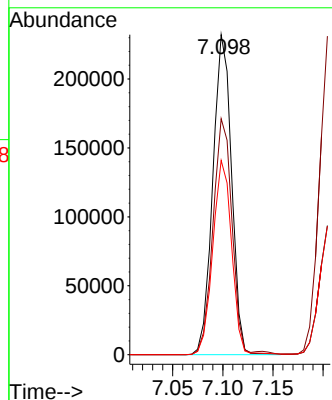
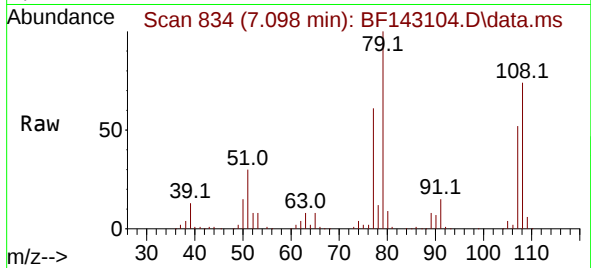




#15
Benzyl Alcohol
Concen: 40.994 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

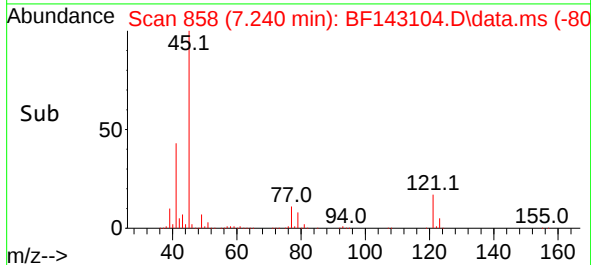
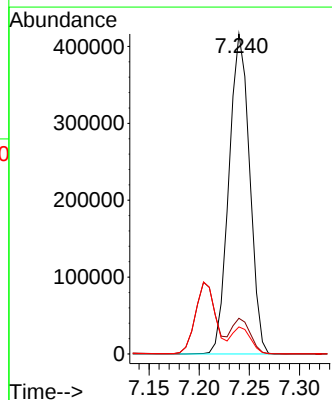
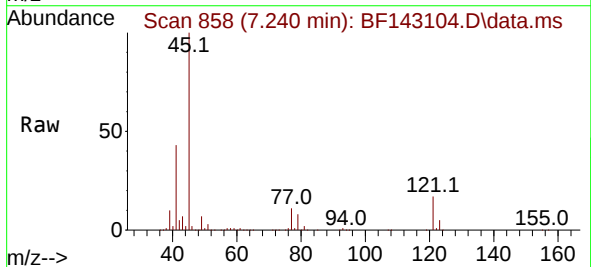
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

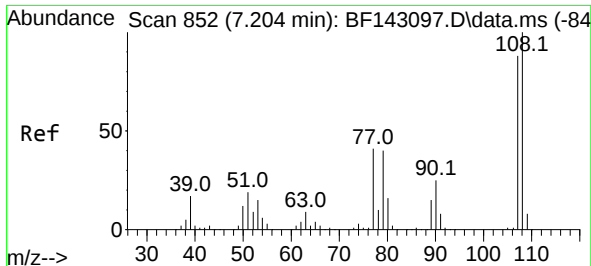
Tgt Ion: 79 Resp: 301321
Ion Ratio Lower Upper
79 100
108 73.8 61.1 91.7
77 60.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.938 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion: 45 Resp: 596725
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.1
79 8.4 0.0 28.4

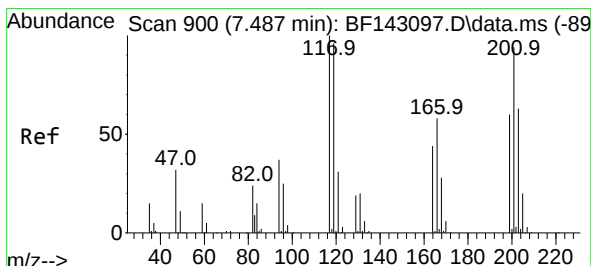
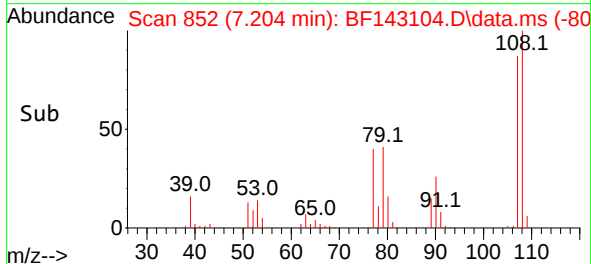
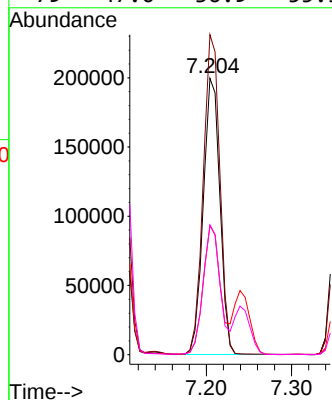
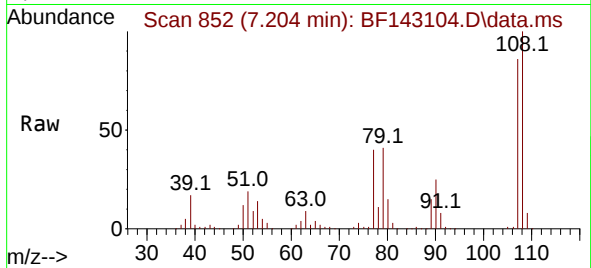




#17
2-Methylphenol
Concen: 39.404 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

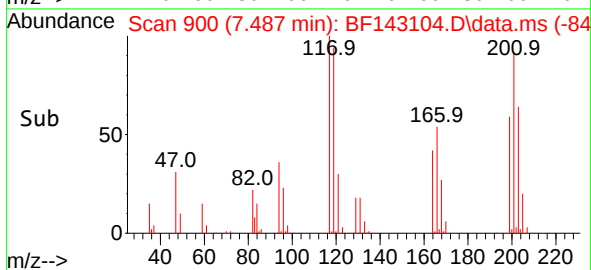
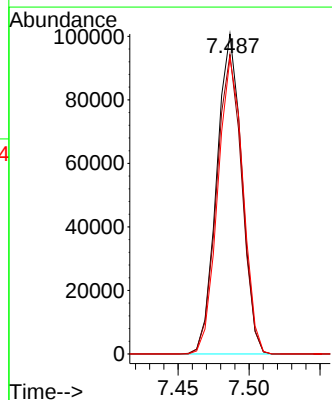
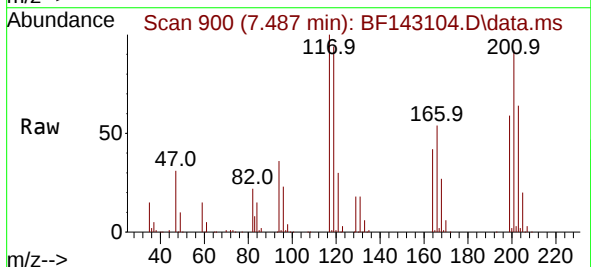
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

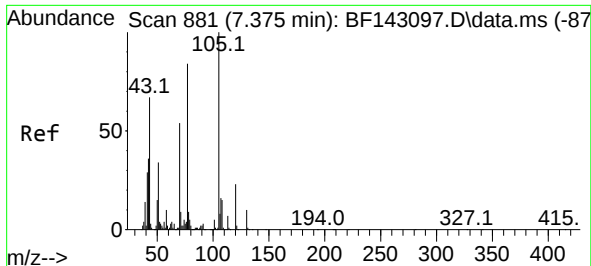
Tgt Ion:	107	Resp:	269619
Ion	Ratio	Lower	Upper
107	100		
108	115.8	90.9	136.3
77	46.7	37.5	56.3
79	47.0	36.9	55.3



#18
Hexachloroethane
Concen: 42.082 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:	117	Resp:	123458
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.7	115.1
201	92.5	75.0	112.4

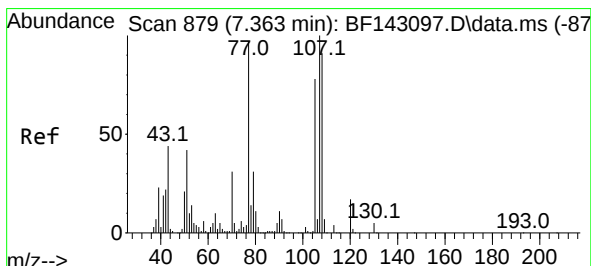
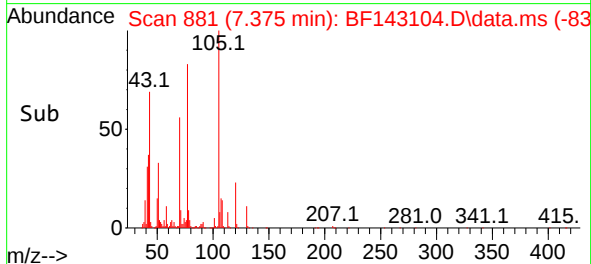
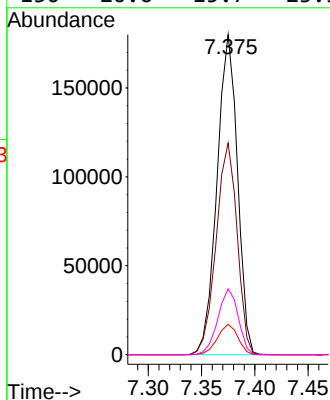
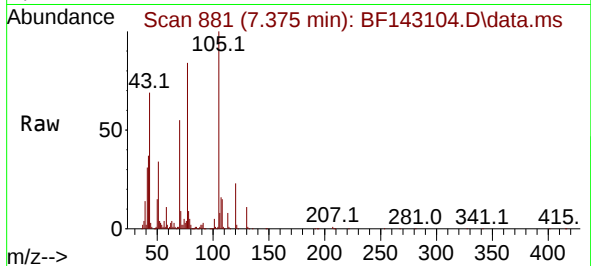




#19
n-Nitroso-di-n-propylamine
Concen: 39.548 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

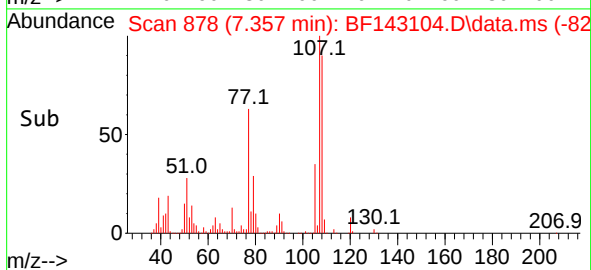
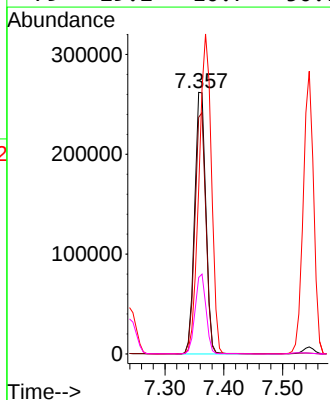
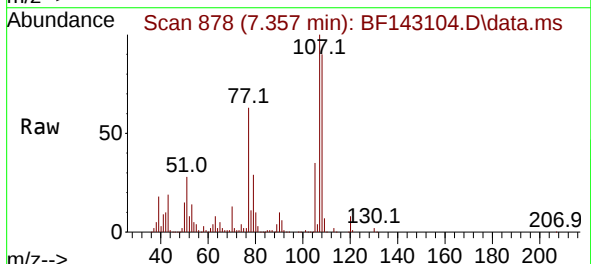
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

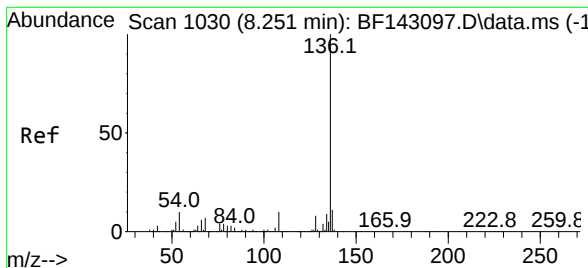
Tgt Ion:	70	Resp:	240349
Ion	Ratio	Lower	Upper
70	100		
42	66.2	53.2	79.8
101	9.5	7.5	11.3
130	20.6	15.7	23.5



#20
3+4-Methylphenols
Concen: 41.284 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:	107	Resp:	346427
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.3	111.3
77	62.9	77.2	117.2#
79	29.2	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 476478

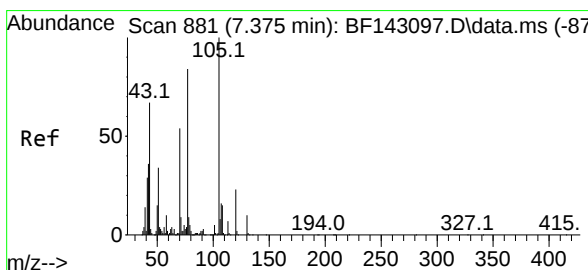
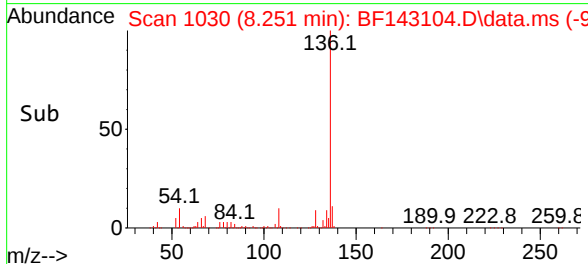
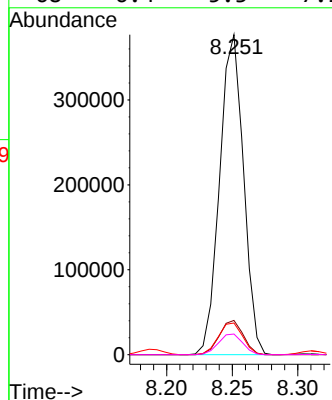
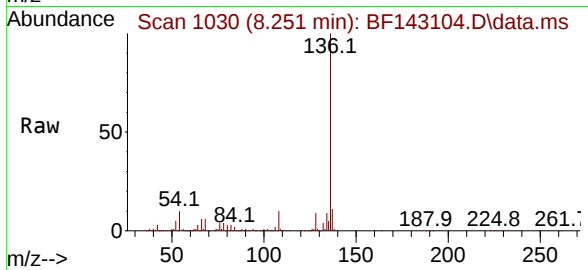
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.9 8.3 12.5

68 6.4 5.3 7.9



#22

Acetophenone

Concen: 38.699 ng

RT: 7.369 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Tgt Ion:105 Resp: 444494

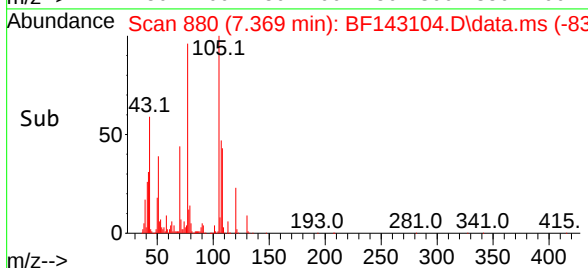
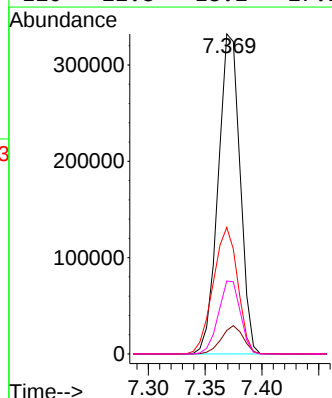
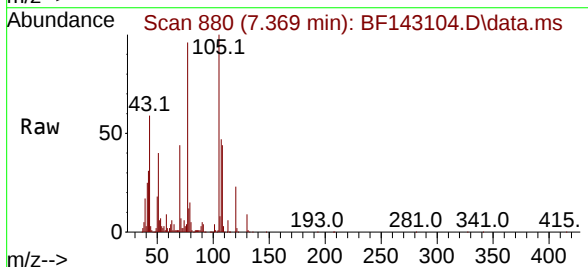
Ion Ratio Lower Upper

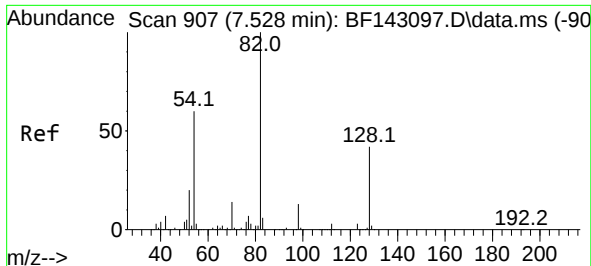
105 100

71 7.4 7.2 10.8

51 39.5 27.0 40.4

120 22.8 18.2 27.2

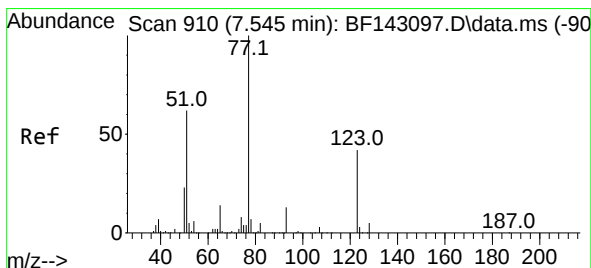
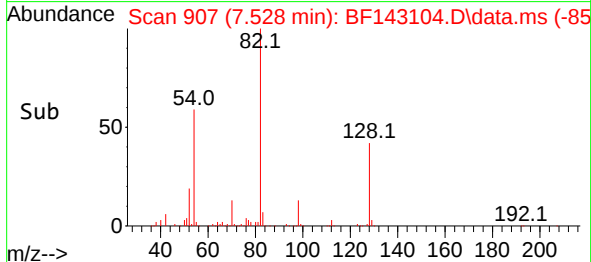
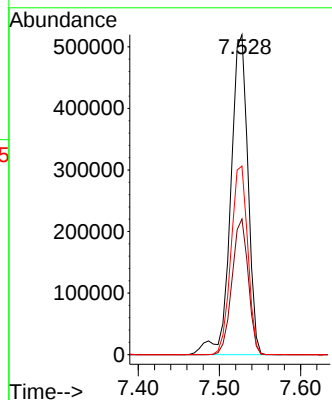
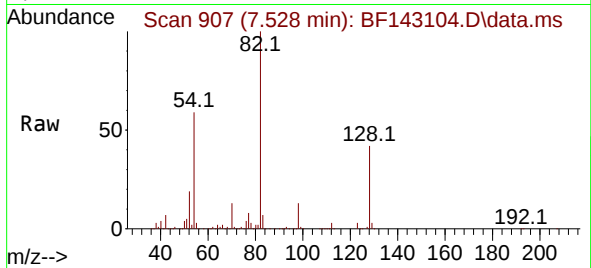




#23
Nitrobenzene-d5
Concen: 89.863 ng
RT: 7.528 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

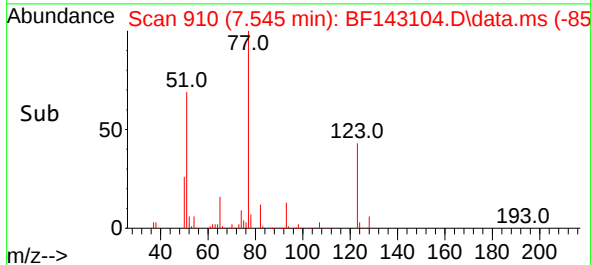
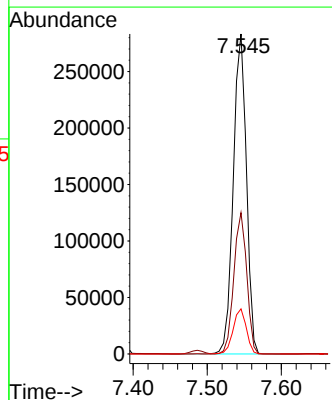
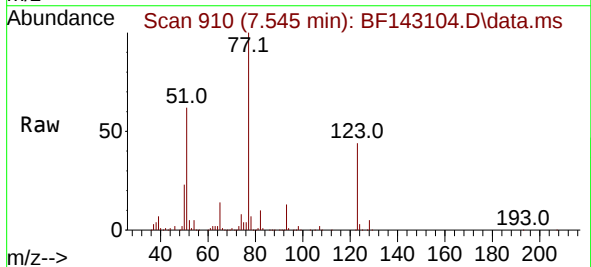
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

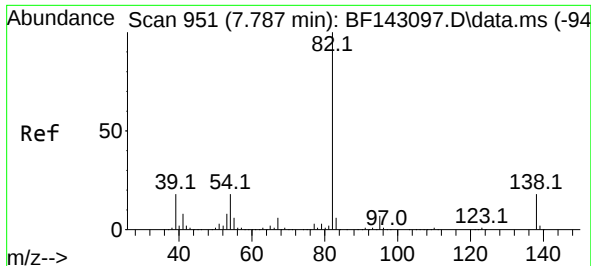
Tgt Ion: 82 Resp: 763265
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 59.0 47.4 71.2



#24
Nitrobenzene
Concen: 42.487 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion: 77 Resp: 348371
Ion Ratio Lower Upper
77 100
123 44.1 34.5 51.7
65 14.1 11.3 16.9

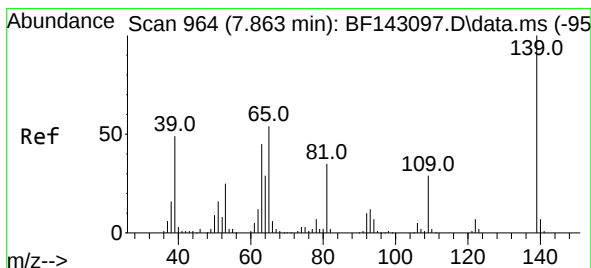
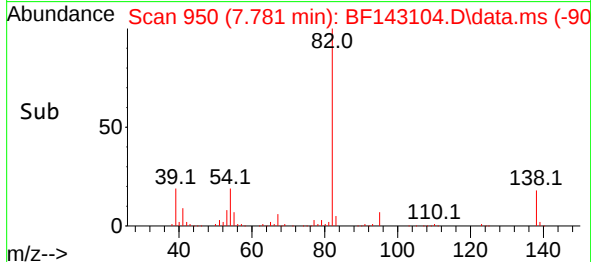
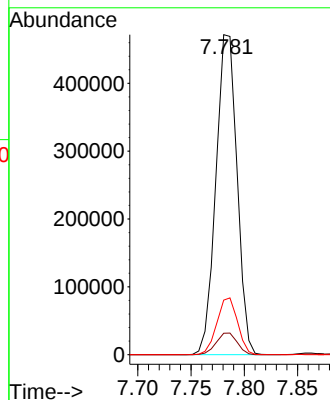
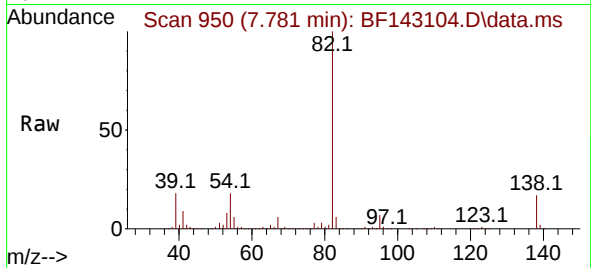




#25
Isophorone
Concen: 39.609 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

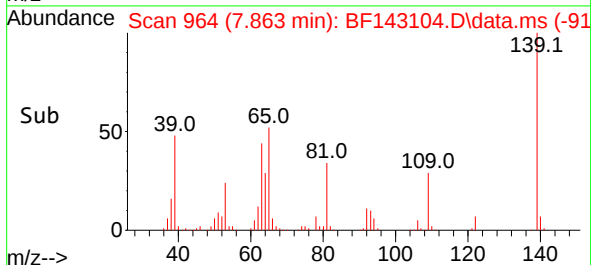
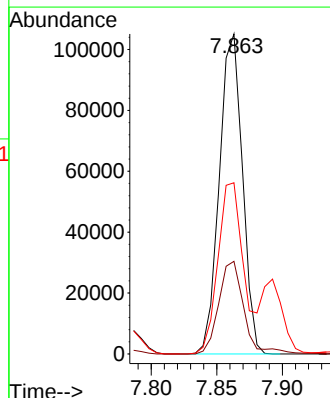
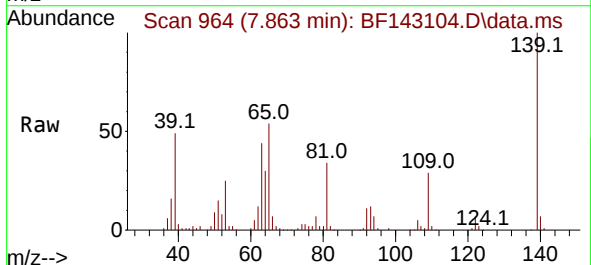
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

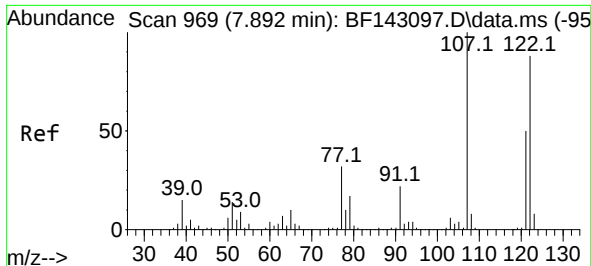
Tgt Ion: 82 Resp: 650259
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.0 14.3 21.5



#26
2-Nitrophenol
Concen: 39.975 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:139 Resp: 128640
Ion Ratio Lower Upper
139 100
109 28.9 23.4 35.0
65 53.5 43.4 65.2

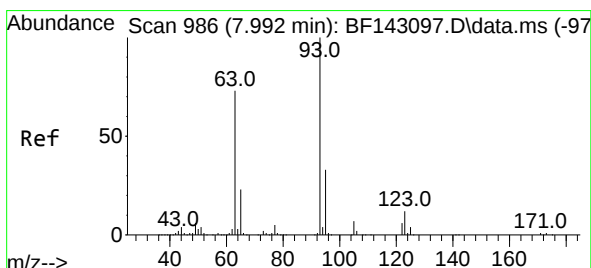
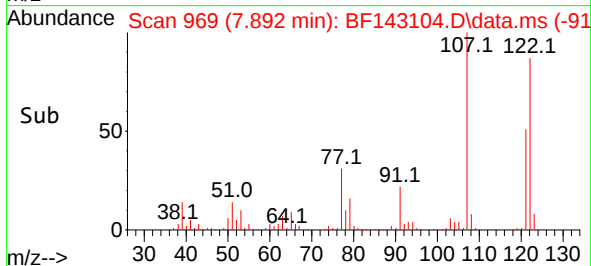
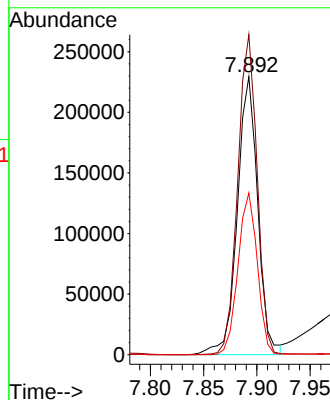
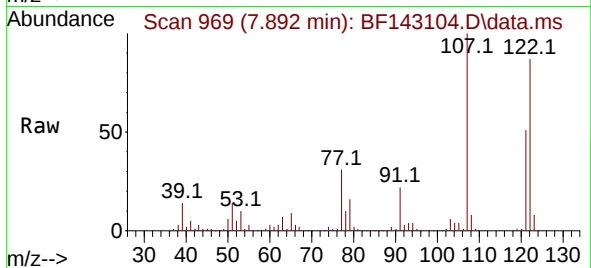




#27
2,4-Dimethylphenol
Concen: 40.231 ng
RT: 7.892 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

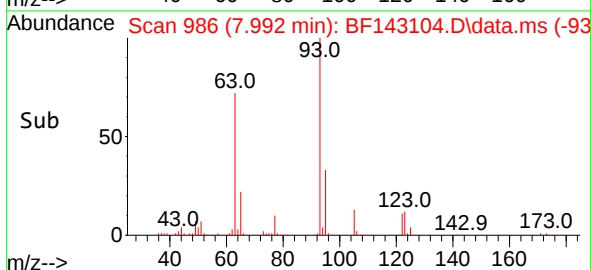
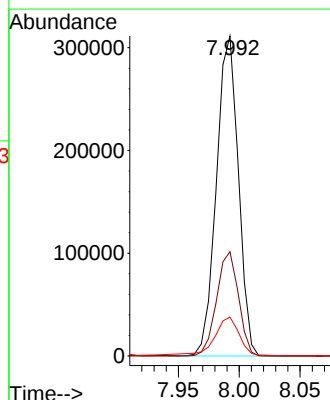
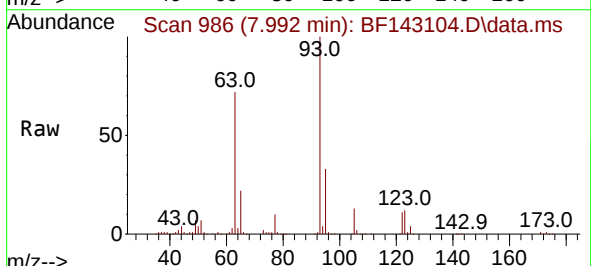
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

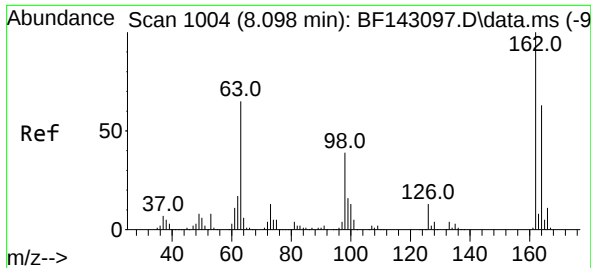
Tgt Ion:122 Resp: 306550
Ion Ratio Lower Upper
122 100
107 115.1 91.3 136.9
121 58.2 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.209 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion: 93 Resp: 390337
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.359 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

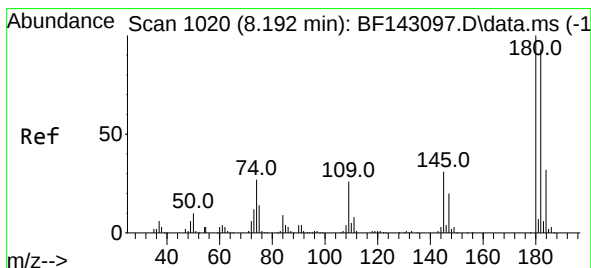
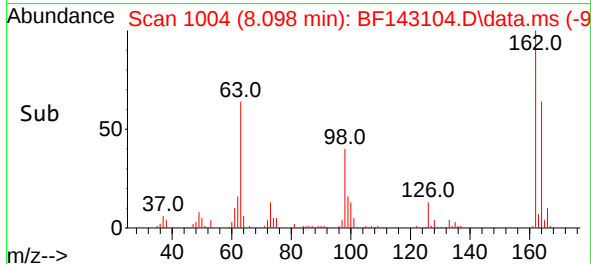
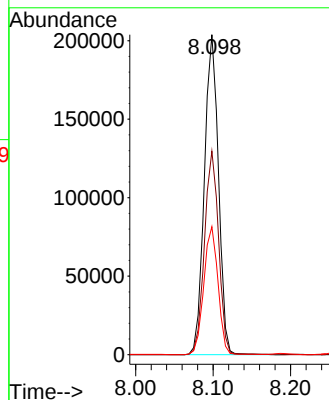
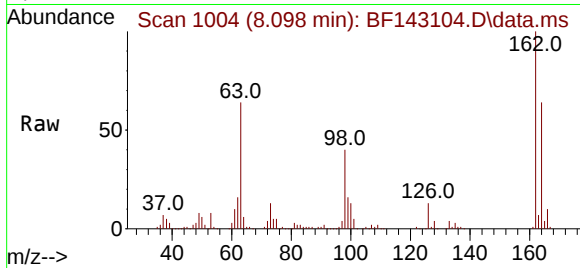
Tgt Ion:162 Resp: 257819

Ion Ratio Lower Upper

162 100

164 63.6 43.1 83.1

98 40.0 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 39.555 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

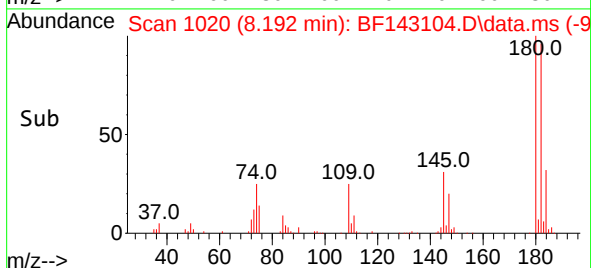
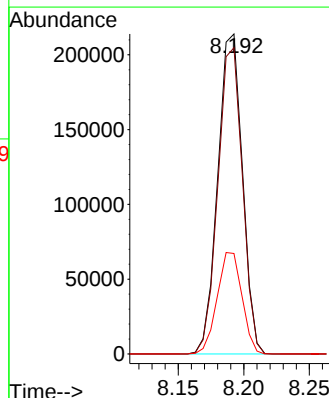
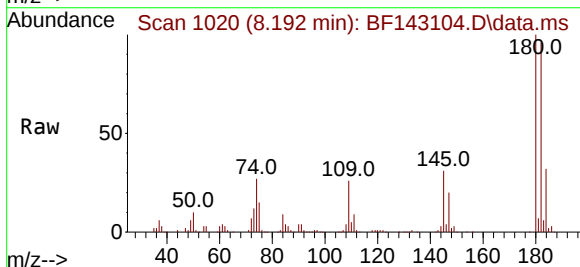
Tgt Ion:180 Resp: 279832

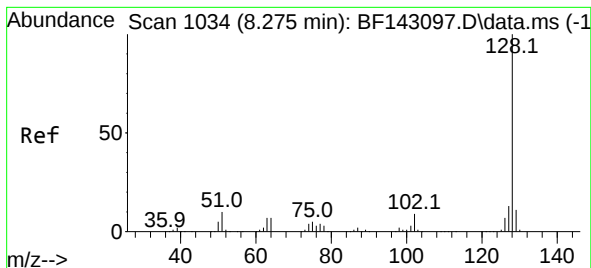
Ion Ratio Lower Upper

180 100

182 95.7 74.7 112.1

145 31.4 24.5 36.7





#31

Naphthalene

Concen: 39.115 ng

RT: 8.275 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

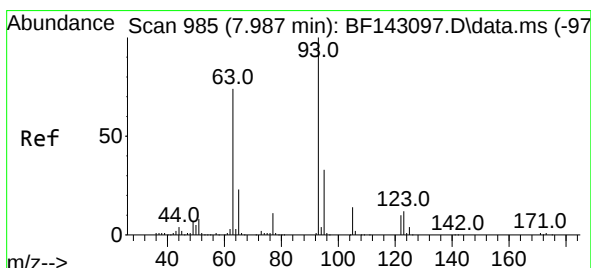
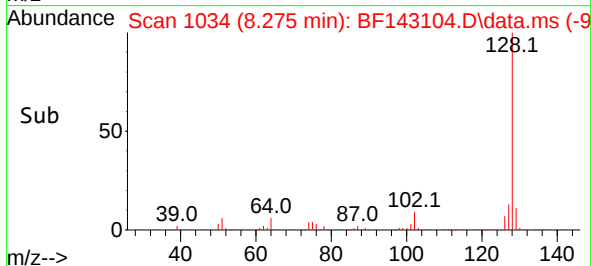
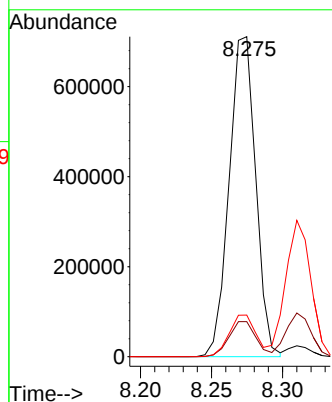
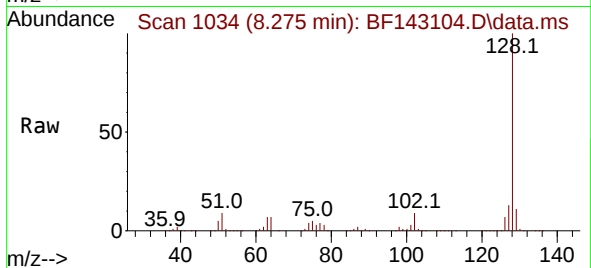
Tgt Ion:128 Resp: 925508

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.0 10.5 15.7



#32

Benzoic acid

Concen: 39.066 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

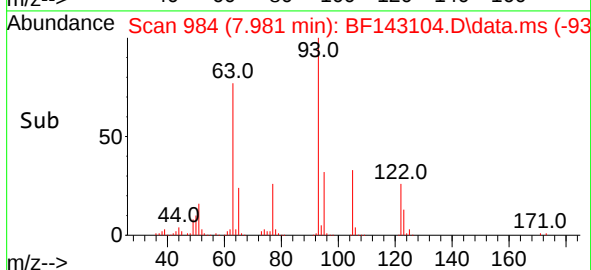
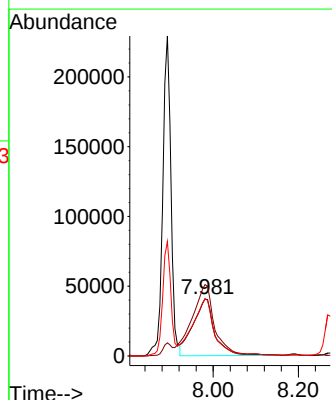
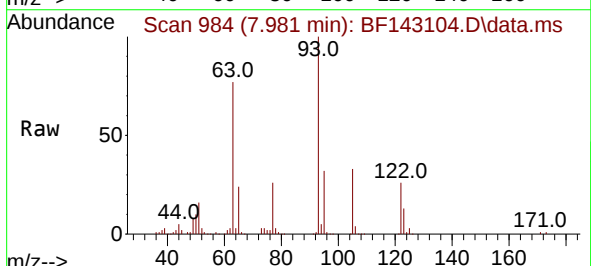
Tgt Ion:122 Resp: 142990

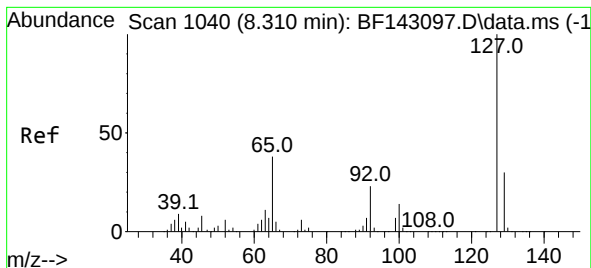
Ion Ratio Lower Upper

122 100

105 125.1 105.4 145.4

77 100.5 78.6 118.6

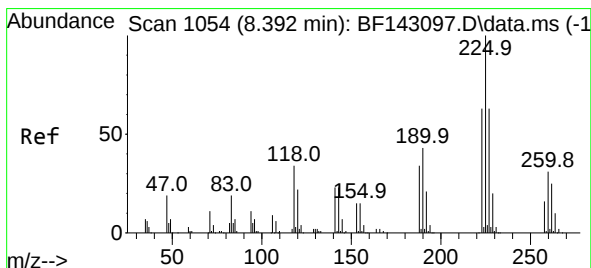
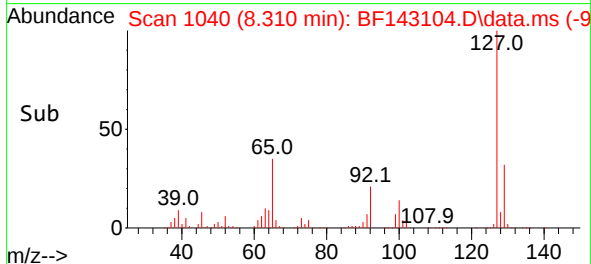
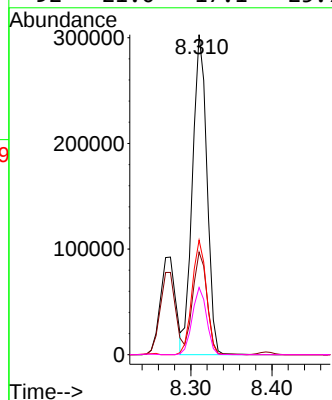
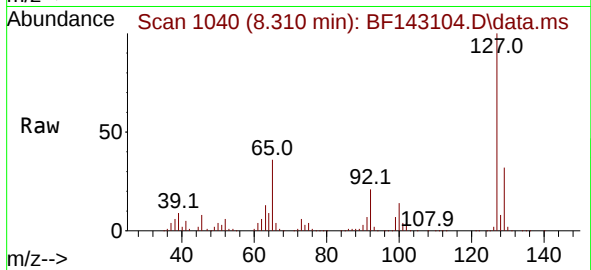




#33
4-Chloroaniline
Concen: 39.530 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

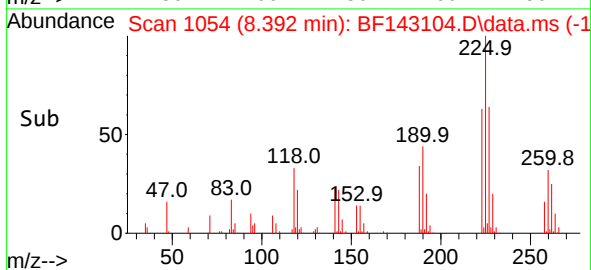
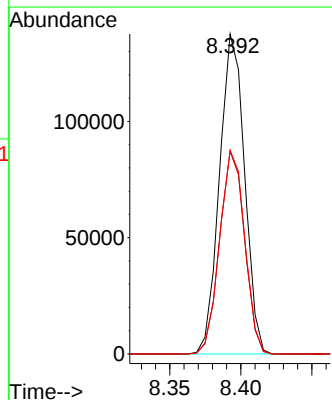
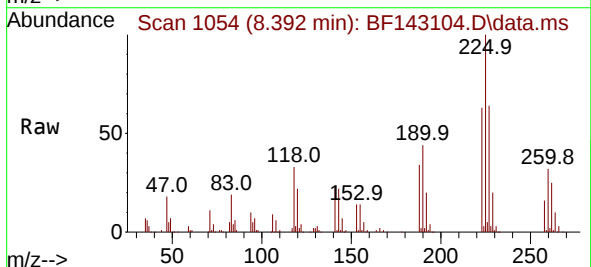
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

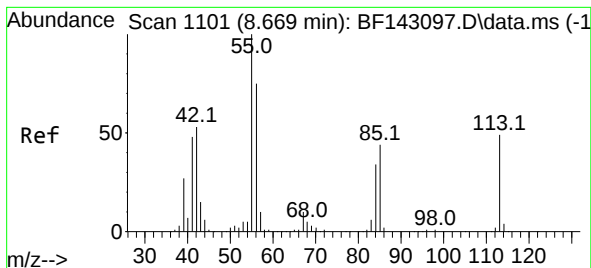
Tgt Ion:	127	Resp:	376127
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	35.8	28.6	42.8
92	21.0	17.1	25.7



#34
Hexachlorobutadiene
Concen: 39.819 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:	225	Resp:	168471
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	63.6	50.1	75.1





#35

Caprolactam

Concen: 40.681 ng

RT: 8.669 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

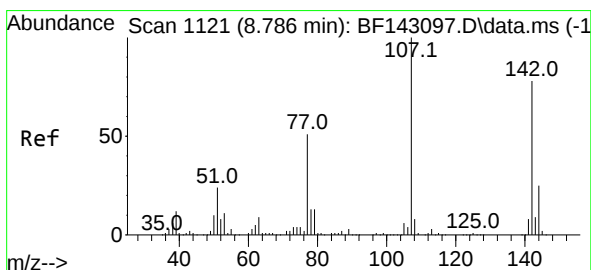
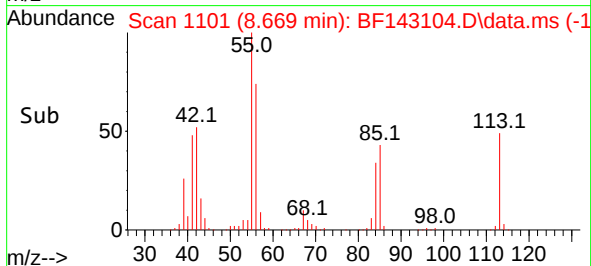
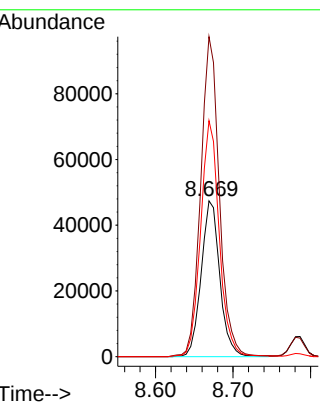
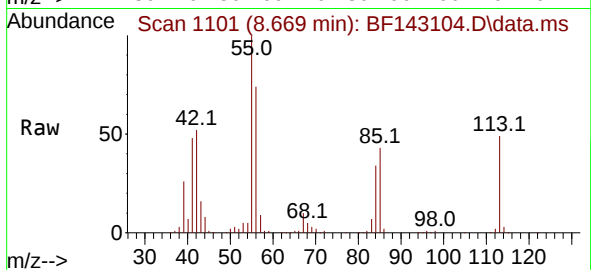
Tgt Ion:113 Resp: 79188

Ion Ratio Lower Upper

113 100

55 205.4 186.2 226.2

56 151.5 134.1 174.1



#36

4-Chloro-3-methylphenol

Concen: 40.072 ng

RT: 8.781 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

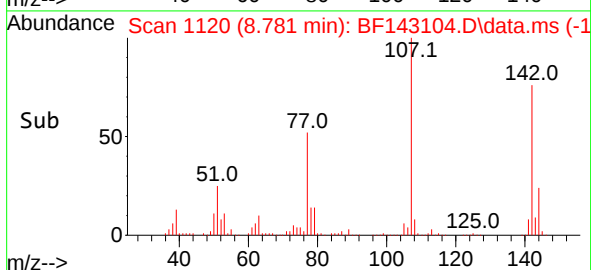
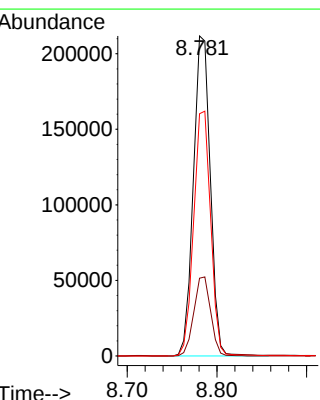
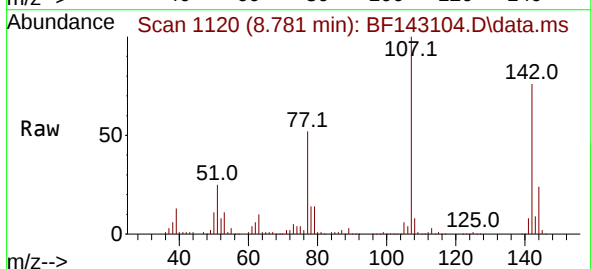
Tgt Ion:107 Resp: 278254

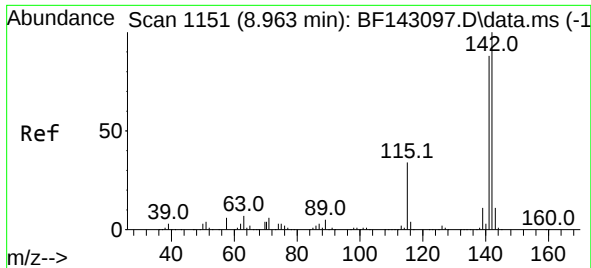
Ion Ratio Lower Upper

107 100

144 24.3 20.2 30.2

142 75.7 62.4 93.6





#37

2-Methylnaphthalene

Concen: 39.466 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

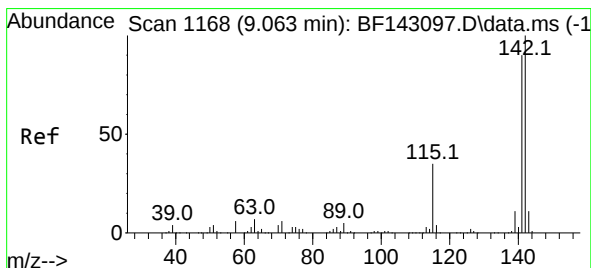
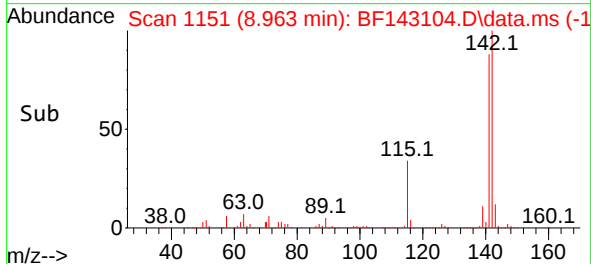
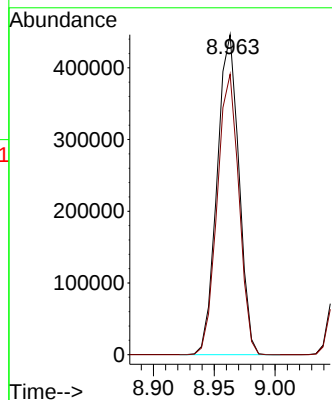
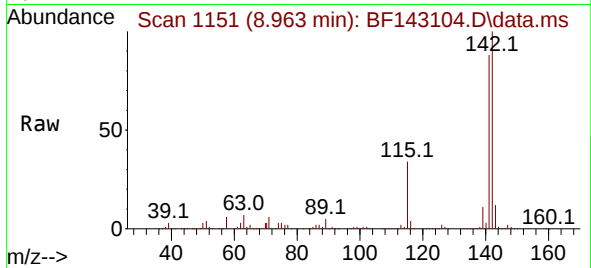
SSTDCCC040

Tgt Ion:142 Resp: 557077

Ion Ratio Lower Upper

142 100

141 87.7 70.2 105.2



#38

1-Methylnaphthalene

Concen: 39.129 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF143104.D

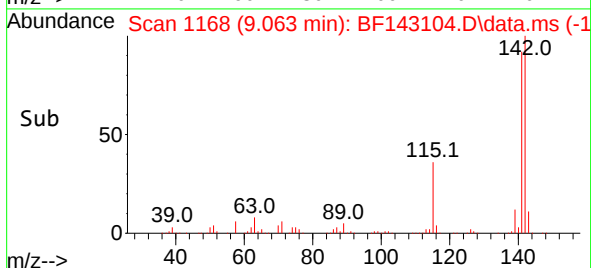
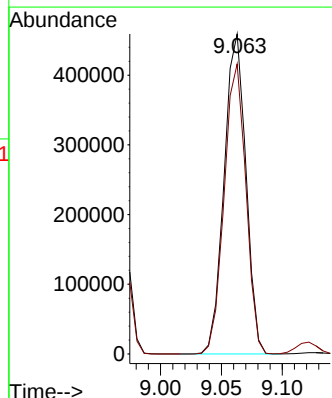
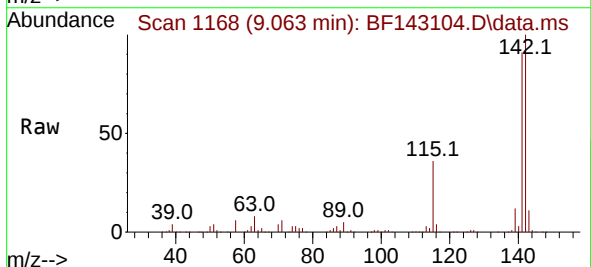
Acq: 16 Jul 2025 10:04

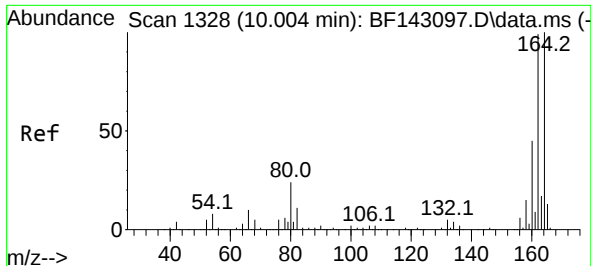
Tgt Ion:142 Resp: 572855

Ion Ratio Lower Upper

142 100

141 90.6 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

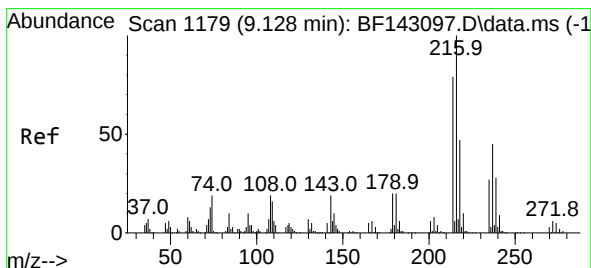
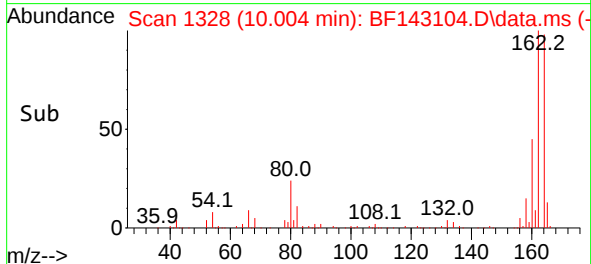
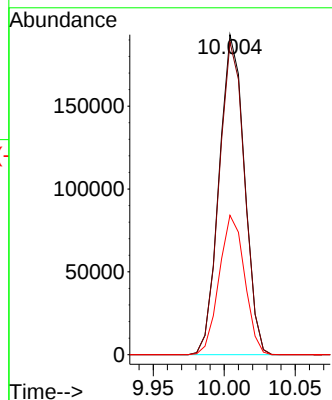
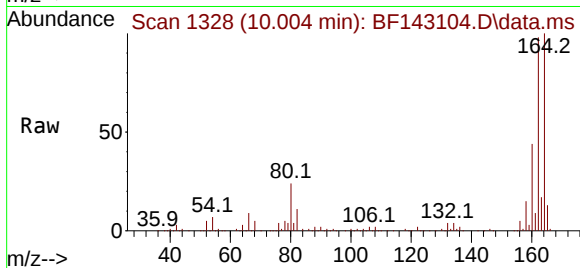
Tgt Ion:164 Resp: 239089

Ion Ratio Lower Upper

164 100

162 97.7 79.0 118.6

160 43.5 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.917 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Tgt Ion:216 Resp: 271156

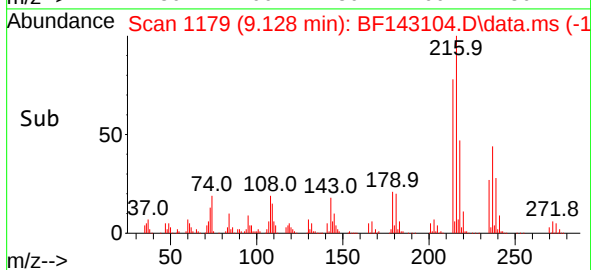
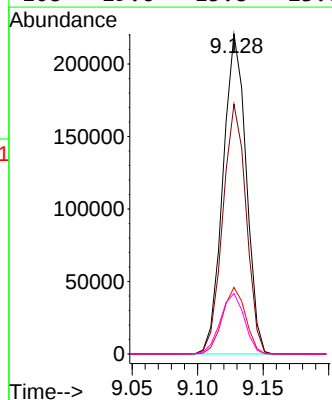
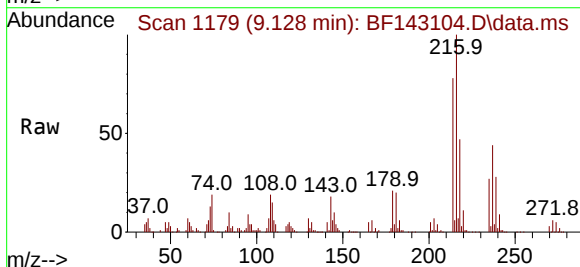
Ion Ratio Lower Upper

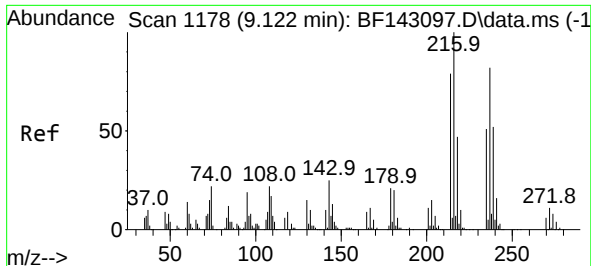
216 100

214 78.3 62.6 94.0

179 20.7 16.2 24.2

108 19.6 15.8 23.6

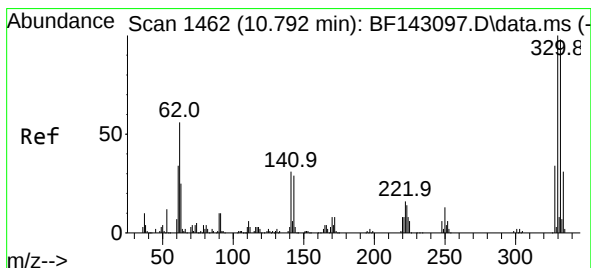
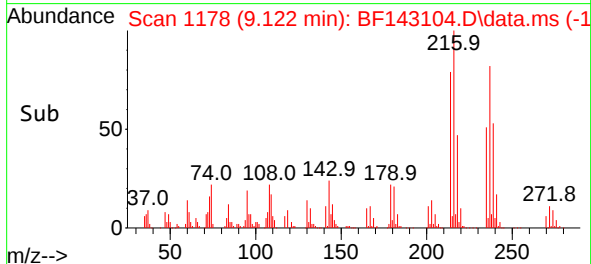
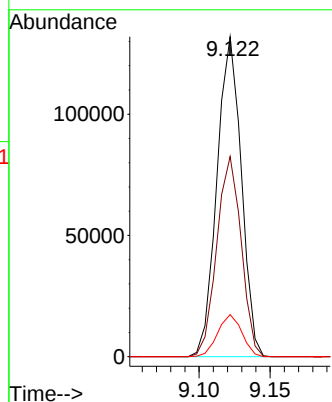
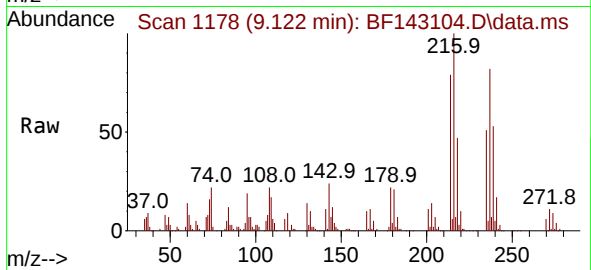




#41
Hexachlorocyclopentadiene
Concen: 40.718 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

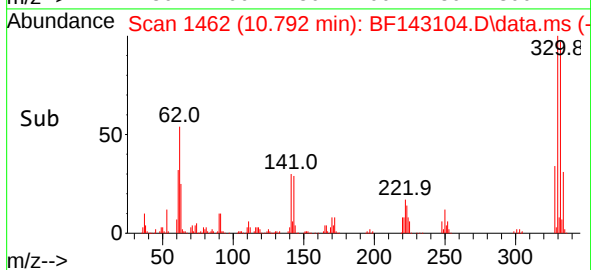
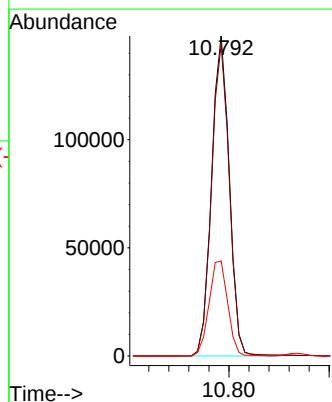
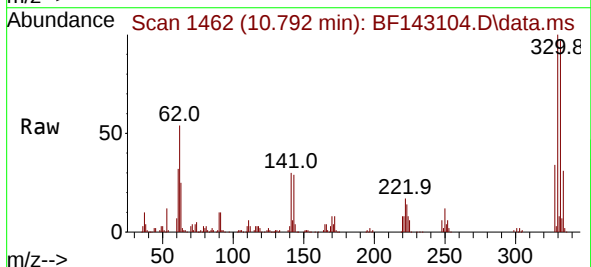
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

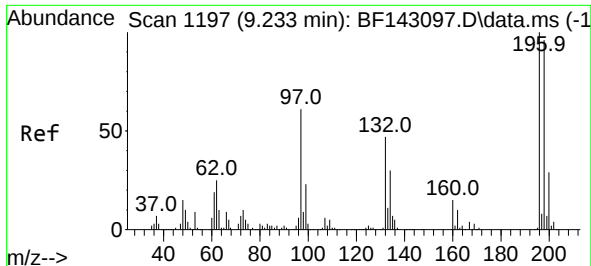
Tgt Ion:237 Resp: 157295
Ion Ratio Lower Upper
237 100
235 62.6 41.6 81.6
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 85.160 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:330 Resp: 181547
Ion Ratio Lower Upper
330 100
332 97.5 77.9 116.9
141 31.4 25.9 38.9

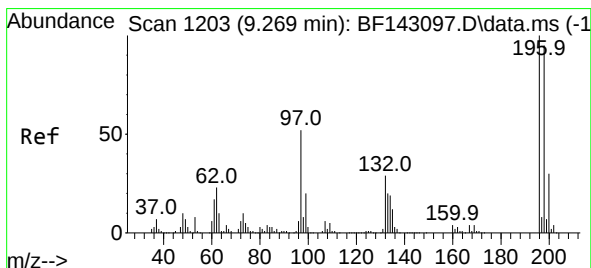
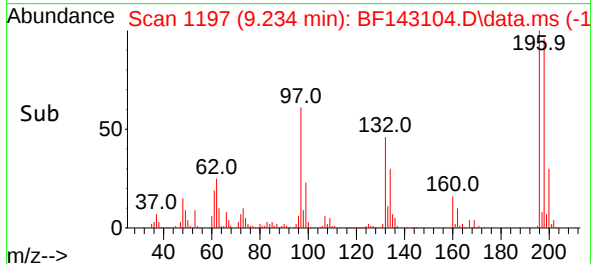
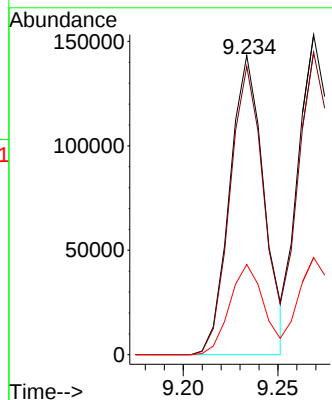
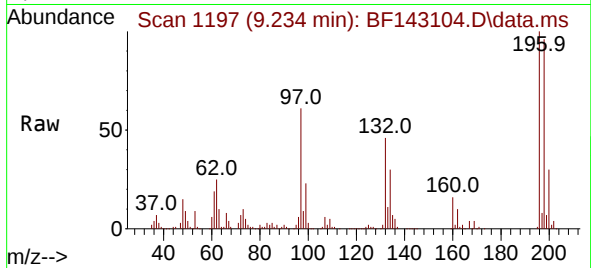




#43
2,4,6-Trichlorophenol
Concen: 41.534 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

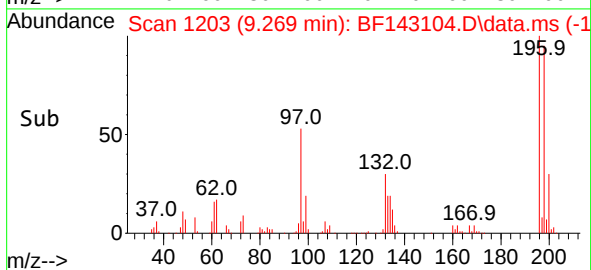
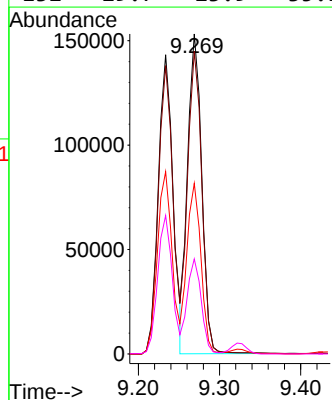
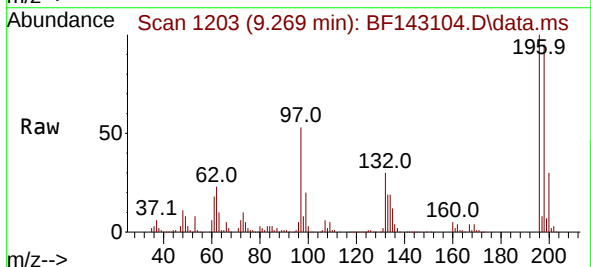
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

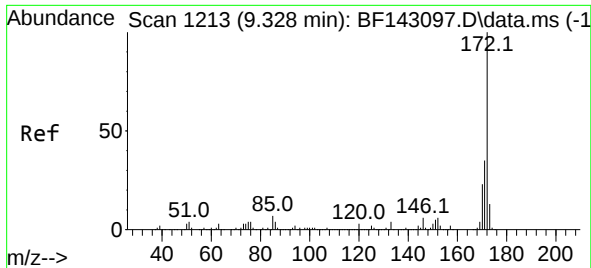
Tgt Ion:196 Resp: 179814
Ion Ratio Lower Upper
196 100
198 96.4 76.9 115.3
200 30.2 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 41.057 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:196 Resp: 186381
Ion Ratio Lower Upper
196 100
198 94.5 76.4 114.6
97 53.3 42.4 63.6
132 29.7 23.9 35.9

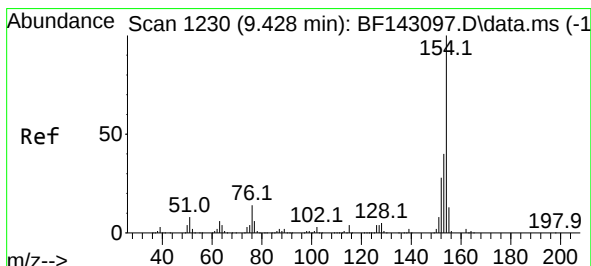
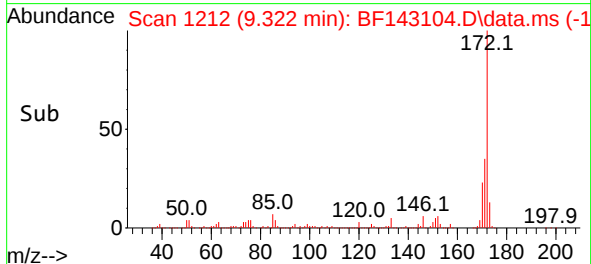
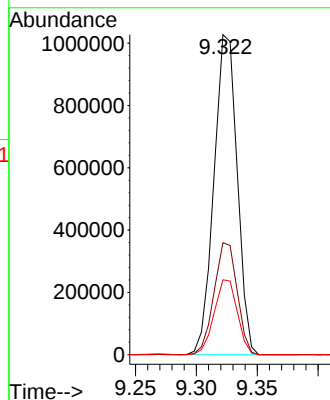
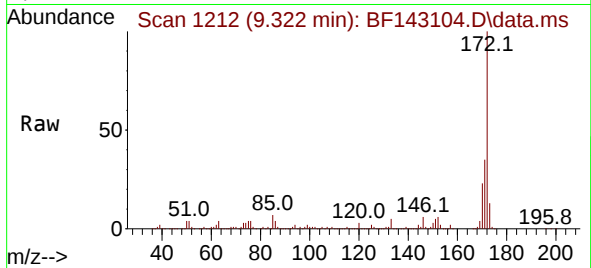




#45
2-Fluorobiphenyl
Concen: 75.943 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

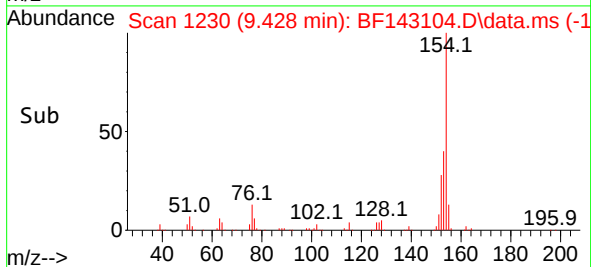
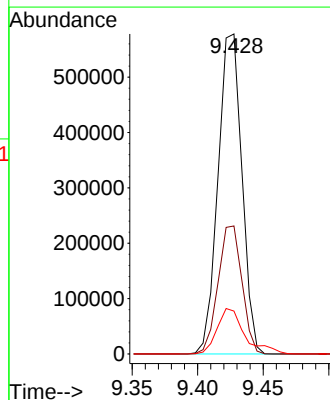
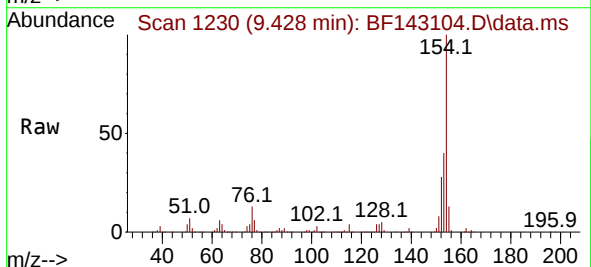
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

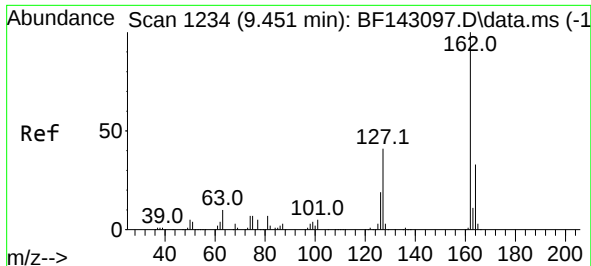
Tgt Ion:172 Resp: 1365947
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.381 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:154 Resp: 731809
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 13.4 0.0 33.7





#47

2-Chloronaphthalene

Concen: 38.570 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

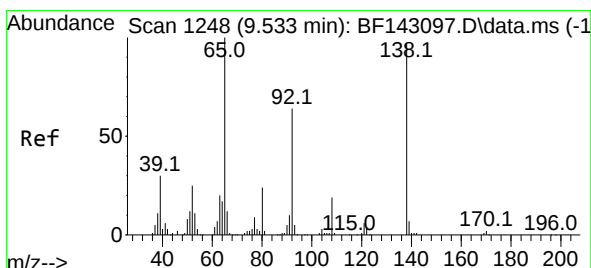
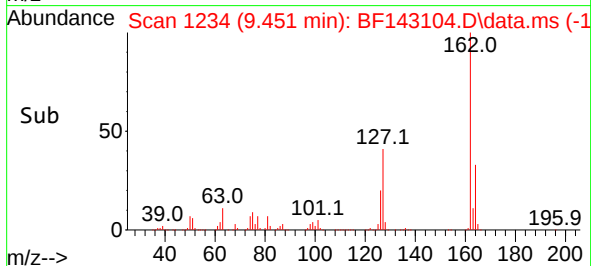
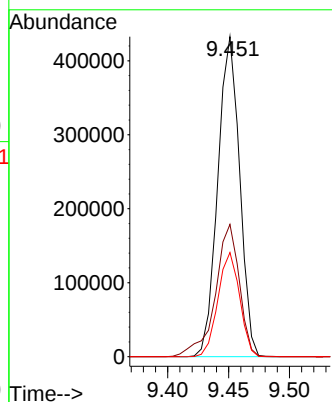
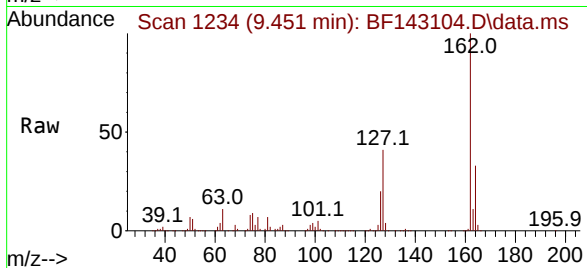
Tgt Ion:162 Resp: 540256

Ion Ratio Lower Upper

162 100

127 41.3 33.0 49.6

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 39.687 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.001 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

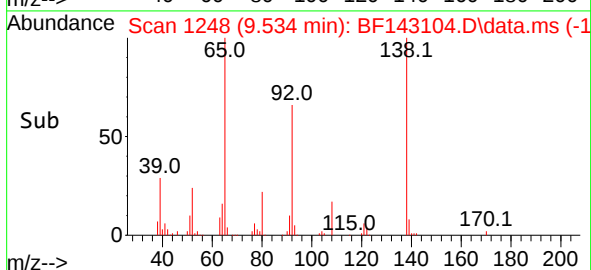
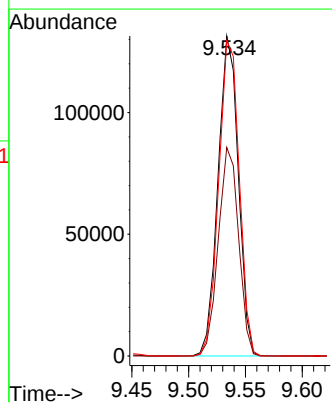
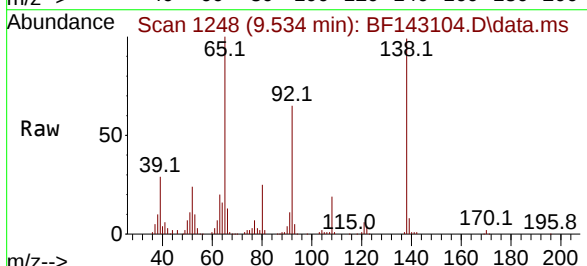
Tgt Ion: 65 Resp: 163510

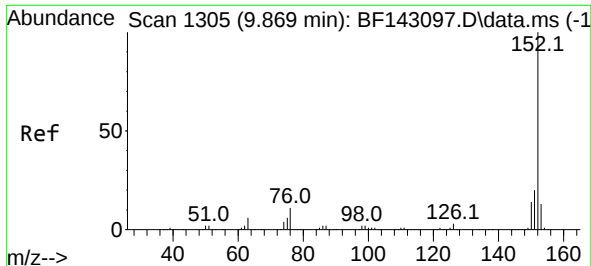
Ion Ratio Lower Upper

65 100

92 65.2 51.3 76.9

138 98.5 77.8 116.6

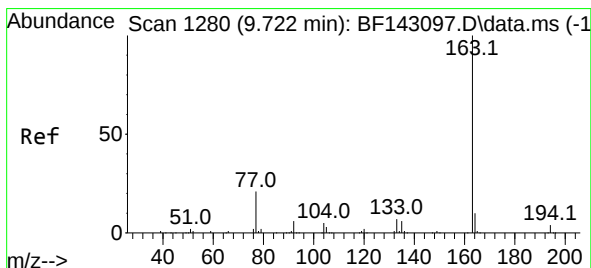
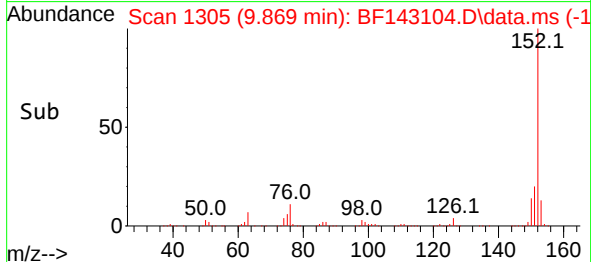
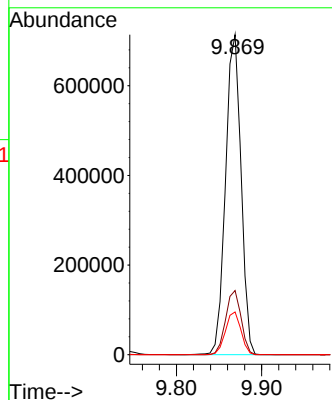
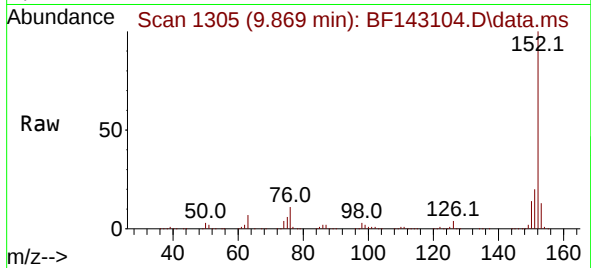




#49
Acenaphthylene
Concen: 38.607 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

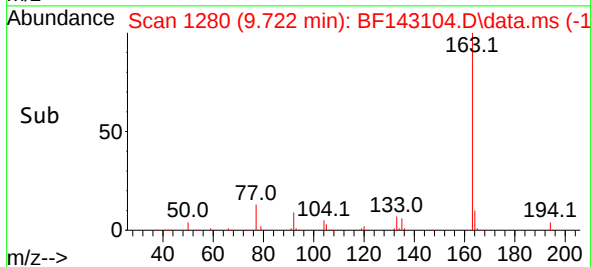
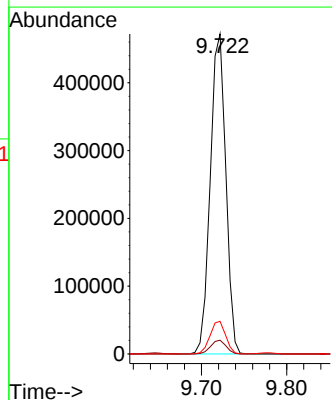
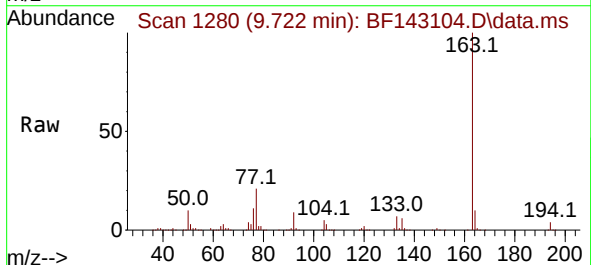
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

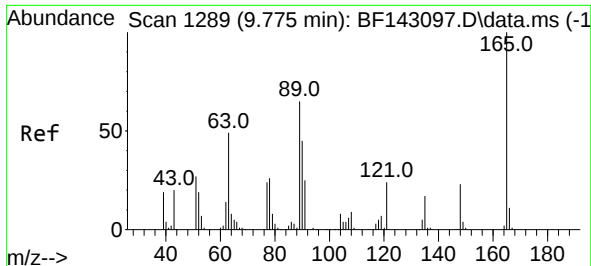
Tgt Ion:152 Resp: 901093
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 39.762 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:163 Resp: 598079
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2

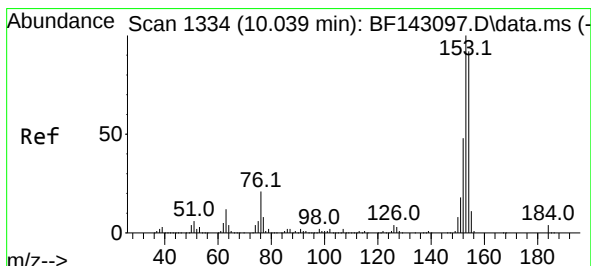
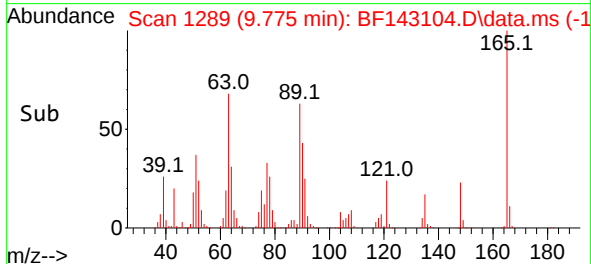
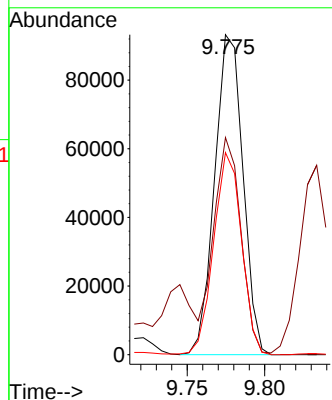
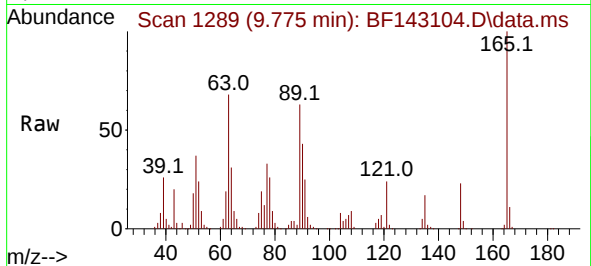




#51
2,6-Dinitrotoluene
Concen: 40.367 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

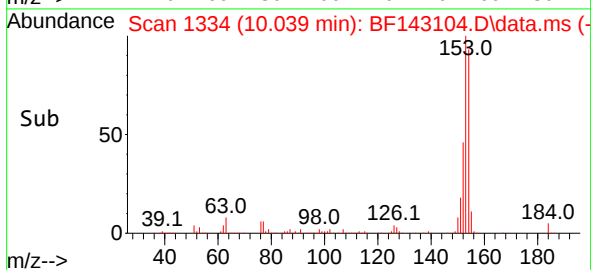
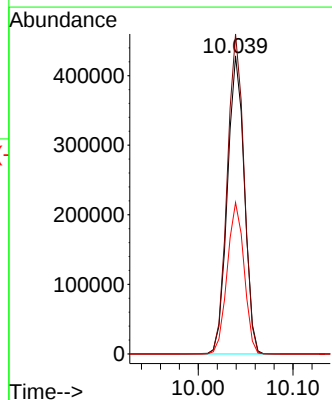
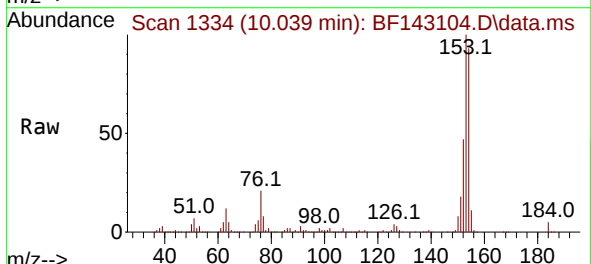
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

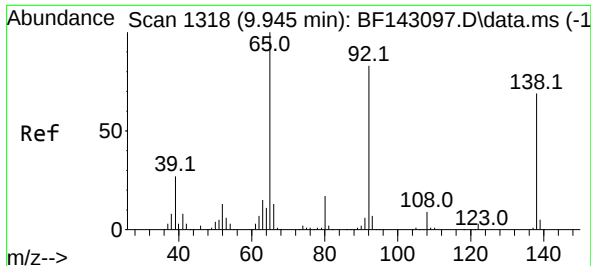
Tgt Ion:165 Resp: 118576
Ion Ratio Lower Upper
165 100
63 67.8 57.4 86.0
89 63.2 51.8 77.8



#52
Acenaphthene
Concen: 38.743 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:154 Resp: 533633
Ion Ratio Lower Upper
154 100
153 107.3 86.7 130.1
152 50.8 41.4 62.2

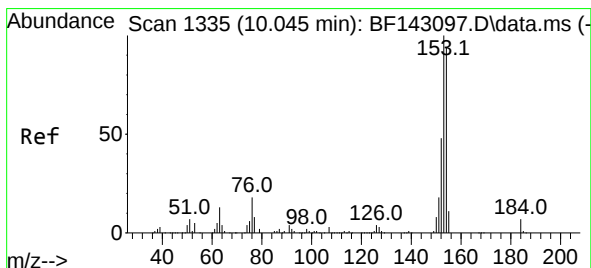
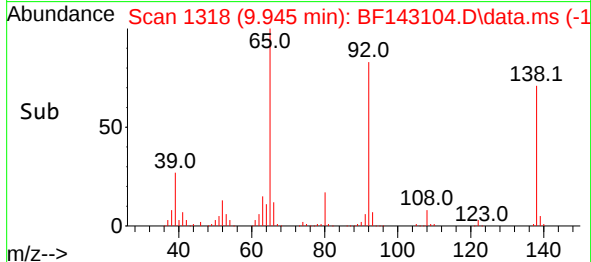
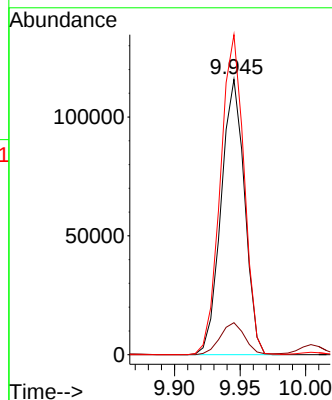
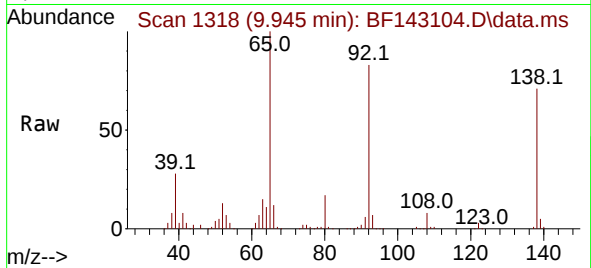




#53
3-Nitroaniline
Concen: 44.337 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

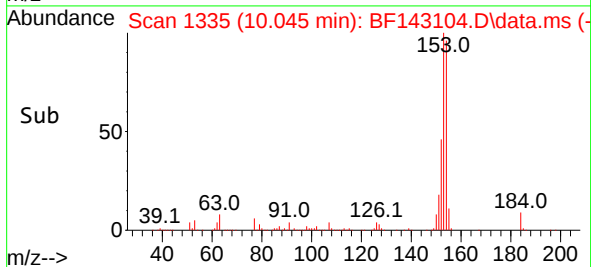
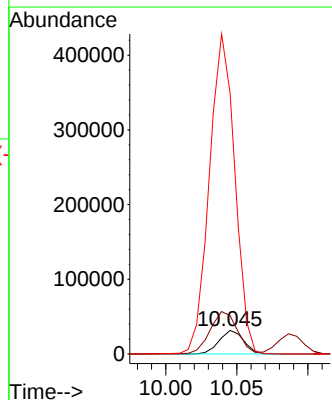
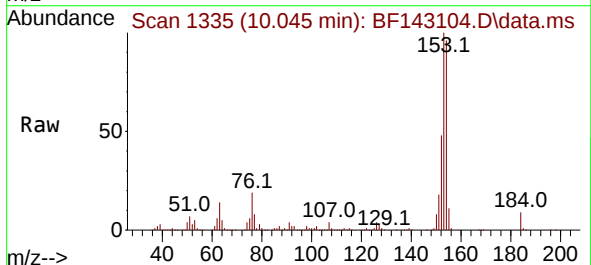
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

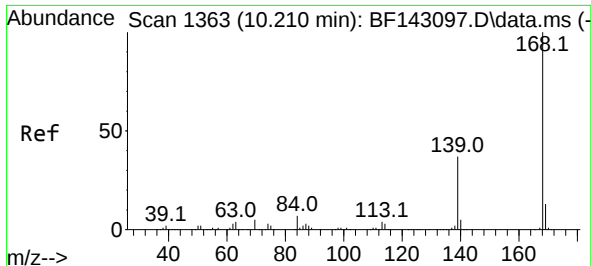
Tgt Ion:138 Resp: 144102
Ion Ratio Lower Upper
138 100
108 11.6 10.1 15.1
92 116.2 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 41.534 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:184 Resp: 37620
Ion Ratio Lower Upper
184 100
63 163.3 149.3 223.9
154 1110.3 1048.0 1572.0

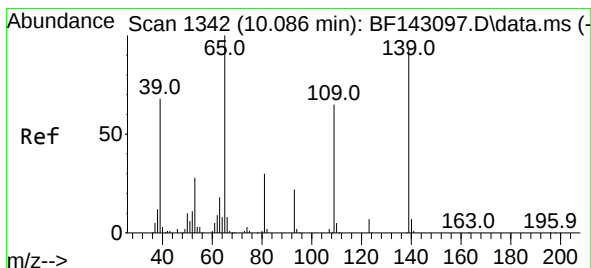
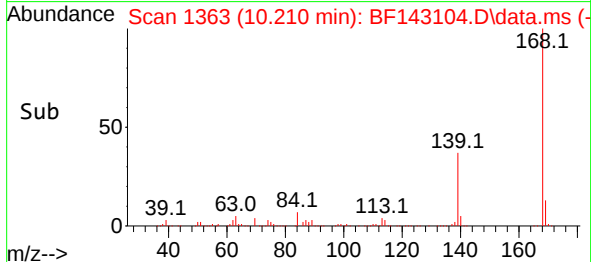
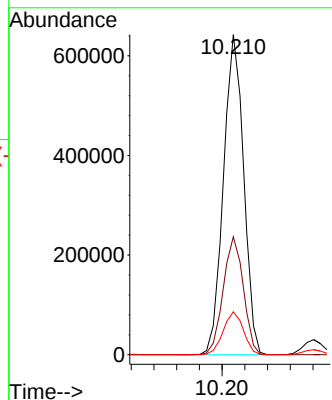
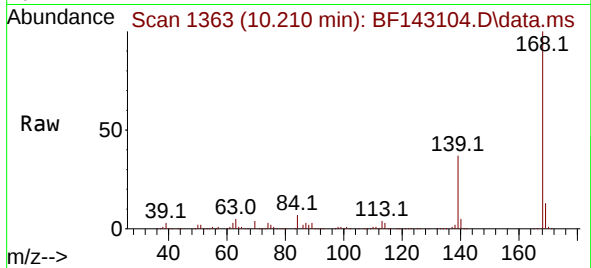




#55
Dibenzofuran
Concen: 38.620 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

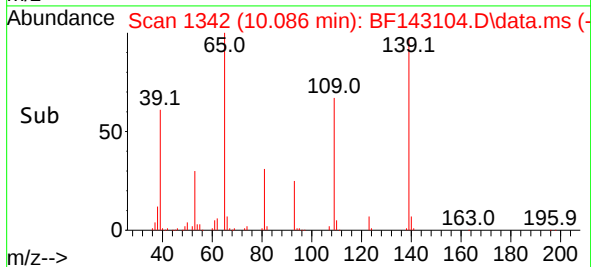
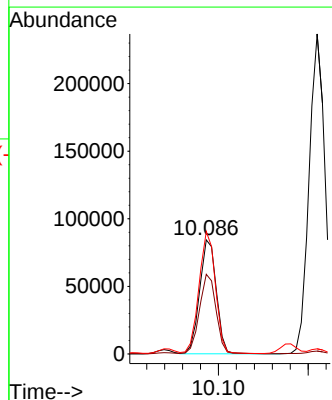
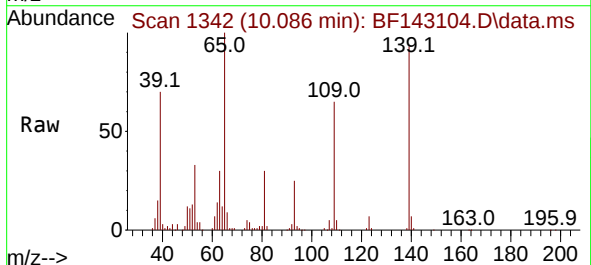
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

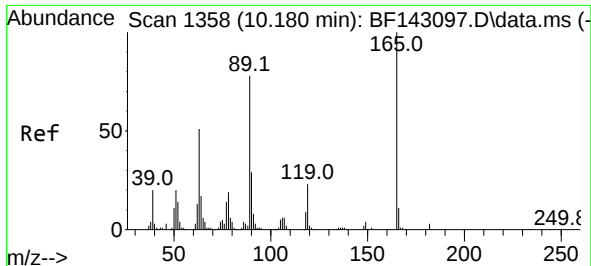
Tgt Ion:168 Resp: 792850
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 42.095 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:139 Resp: 108734
Ion Ratio Lower Upper
139 100
109 69.9 49.4 89.4
65 107.3 88.2 128.2

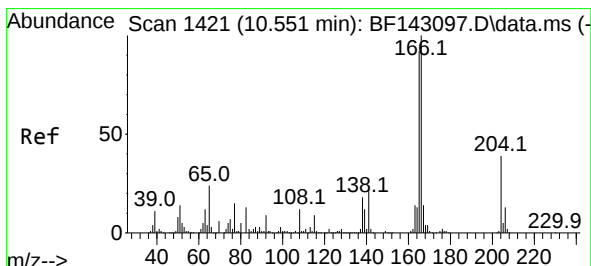
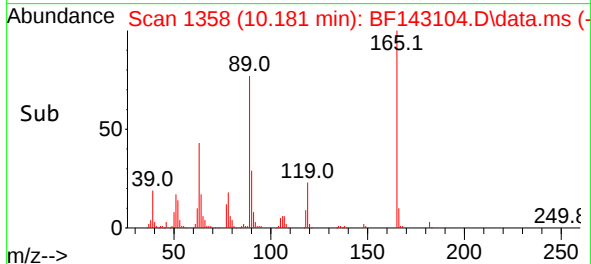
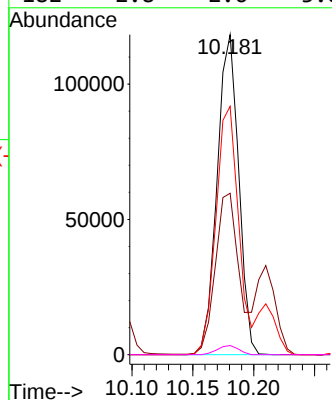
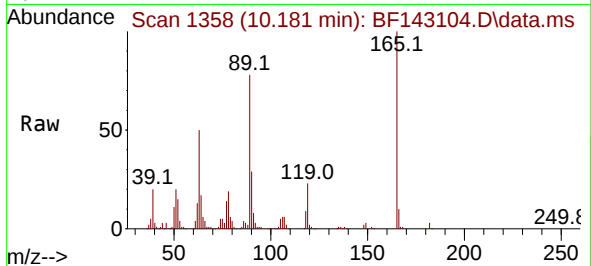




#57
2,4-Dinitrotoluene
Concen: 39.816 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

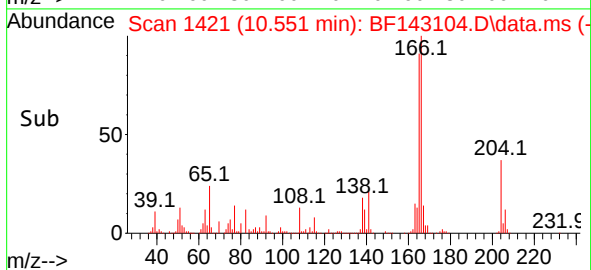
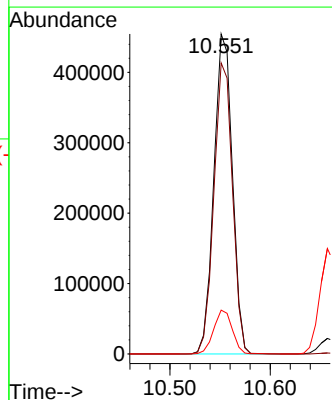
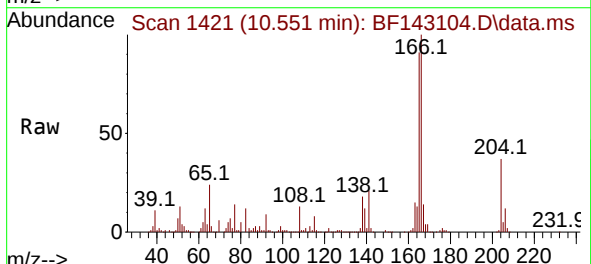
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

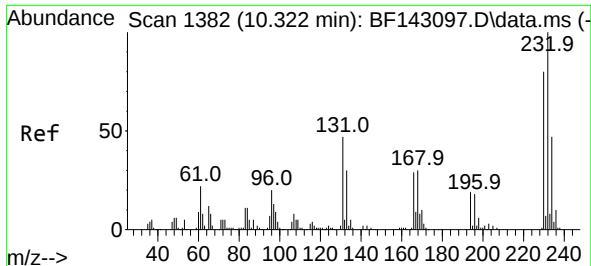
Tgt Ion:165 Resp: 145469
Ion Ratio Lower Upper
165 100
63 50.5 40.6 61.0
89 77.6 62.3 93.5
182 2.8 2.6 3.8



#58
Fluorene
Concen: 37.824 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:166 Resp: 582170
Ion Ratio Lower Upper
166 100
165 91.0 73.7 110.5
167 13.7 10.9 16.3



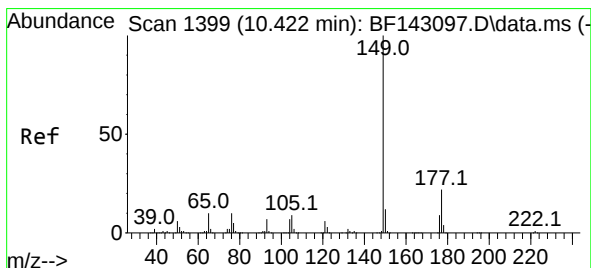
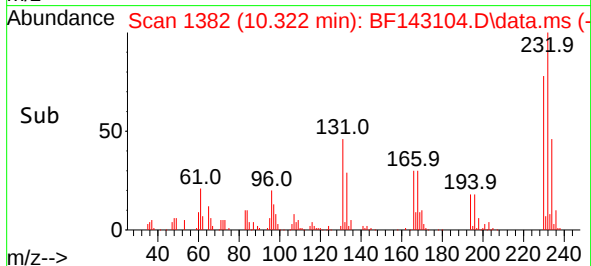
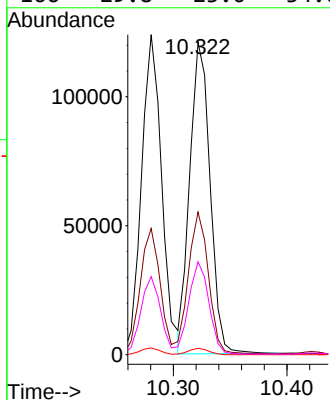
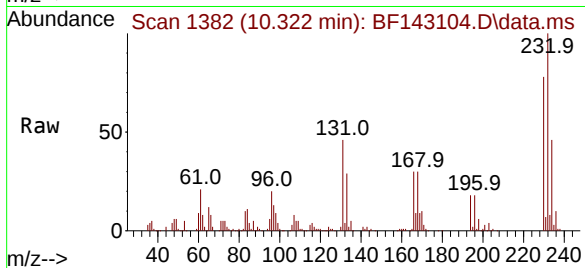


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.746 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 150597

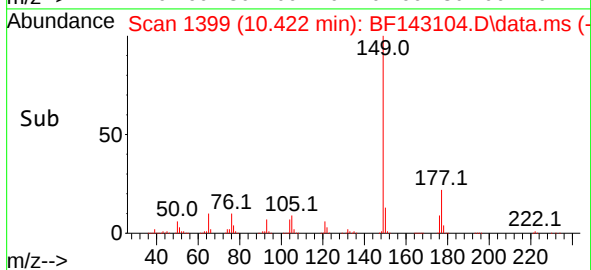
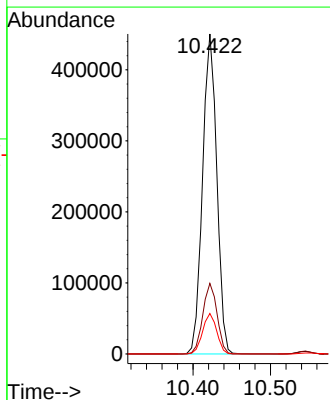
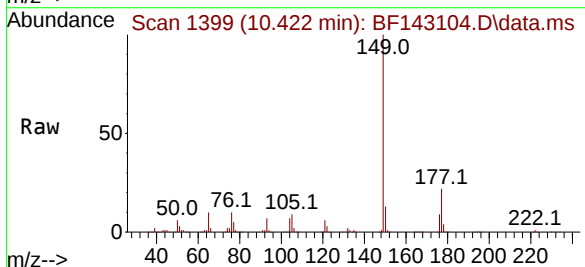
Ion	Ratio	Lower	Upper
232	100		
131	46.5	36.9	55.3
130	2.0	1.8	2.8
166	29.8	23.0	34.6

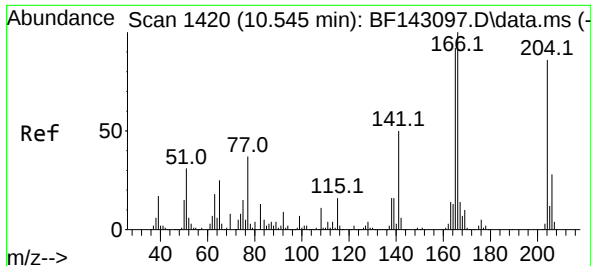


#60
Diethylphthalate
Concen: 39.562 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:149 Resp: 574104

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.6	9.9	14.9

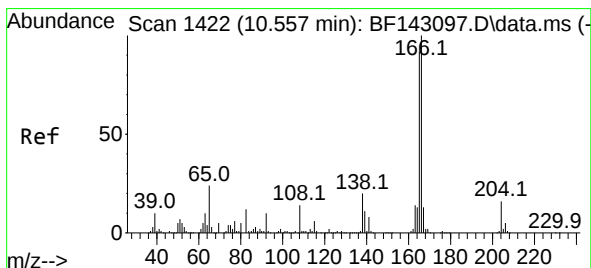
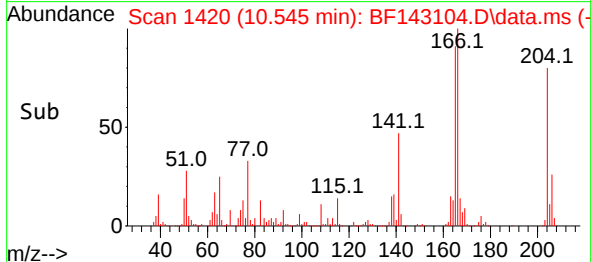
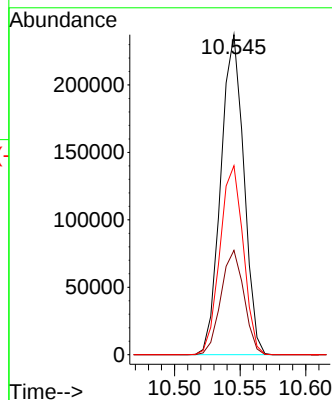
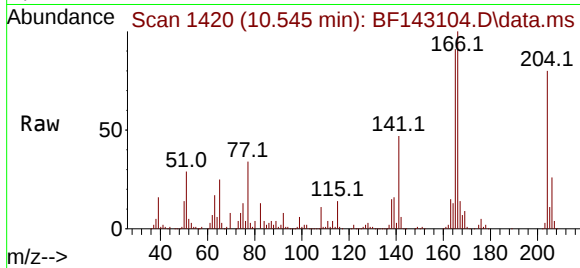




#61
4-Chlorophenyl-phenylether
Concen: 39.238 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

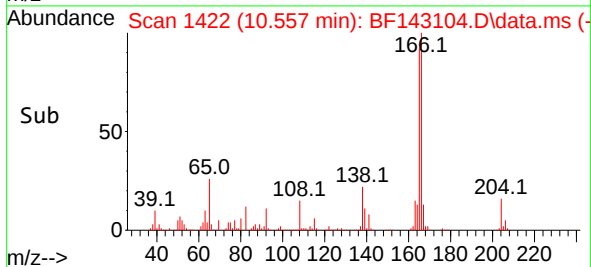
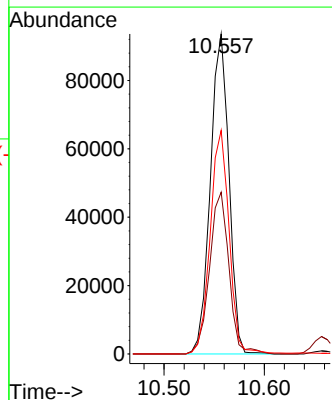
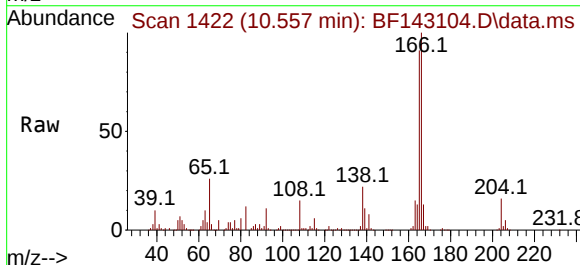
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

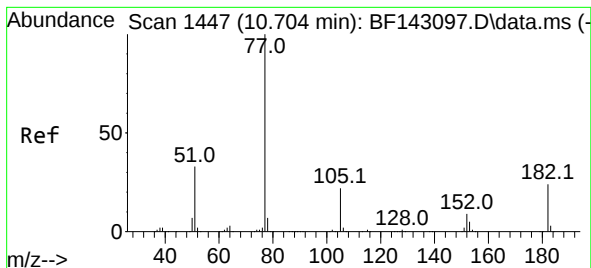
Tgt Ion:204 Resp: 289465
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 59.0 46.8 70.2



#62
4-Nitroaniline
Concen: 42.733 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:138 Resp: 120781
Ion Ratio Lower Upper
138 100
92 50.6 30.4 70.4
108 69.8 49.5 89.5





#63

Azobenzene

Concen: 38.503 ng

RT: 10.704 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 617929

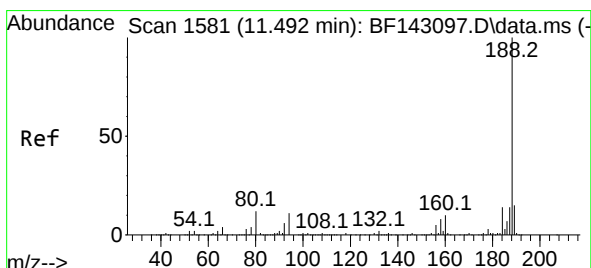
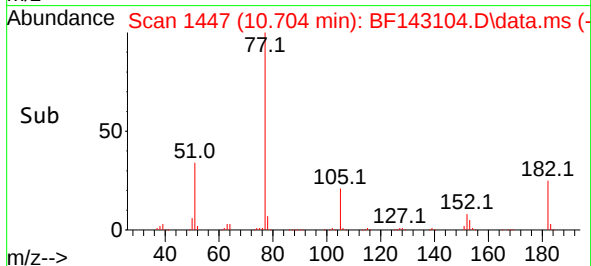
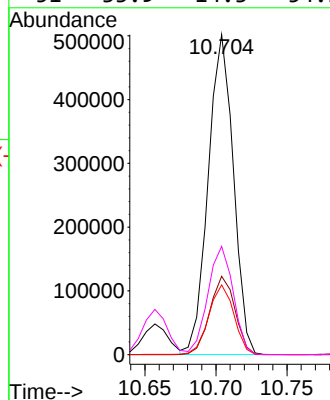
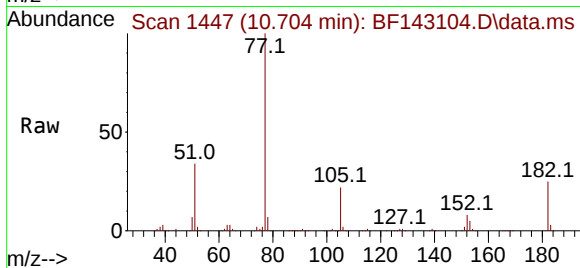
Ion Ratio Lower Upper

77 100

182 24.5 4.0 44.0

105 21.8 1.4 41.4

51 33.9 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

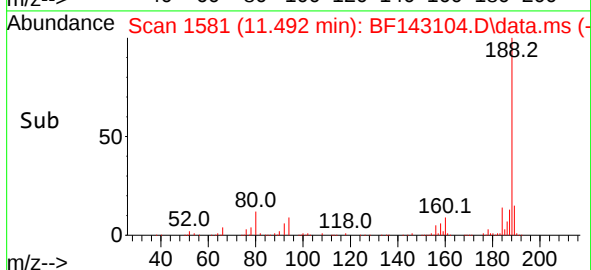
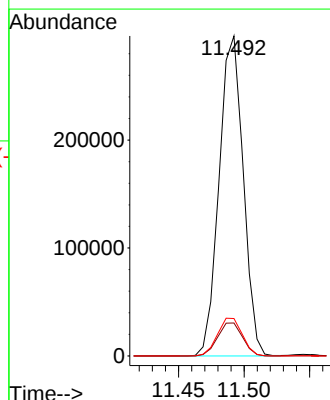
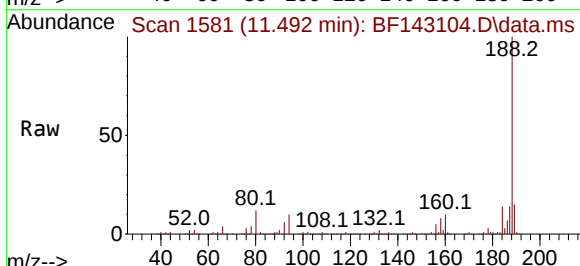
Tgt Ion: 188 Resp: 379263

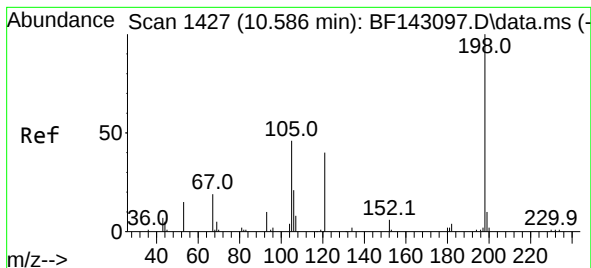
Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

80 11.7 9.3 13.9

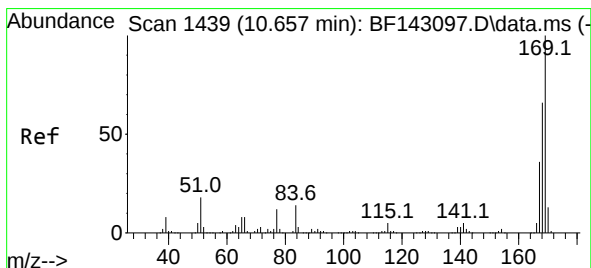
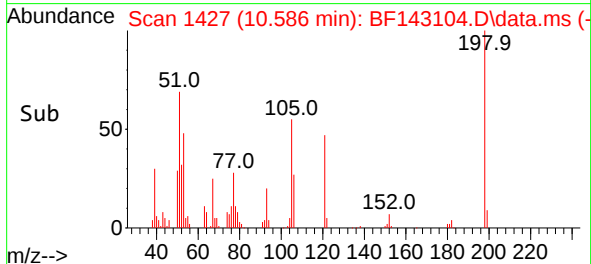
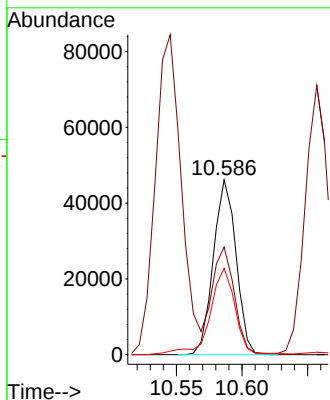
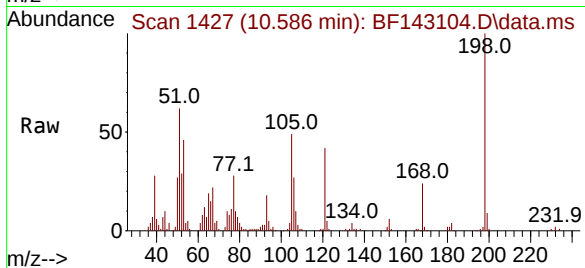




#65
4,6-Dinitro-2-methylphenol
Concen: 41.076 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

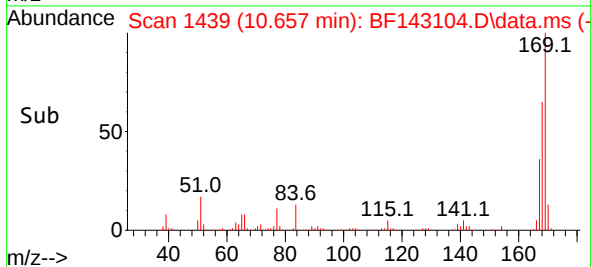
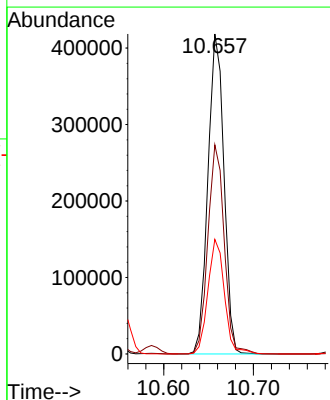
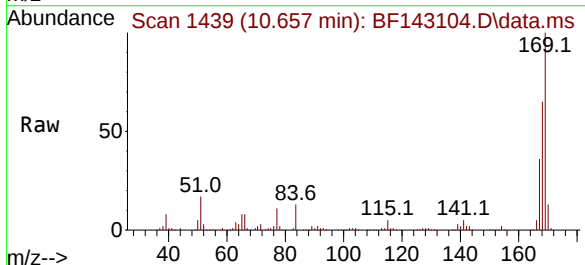
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

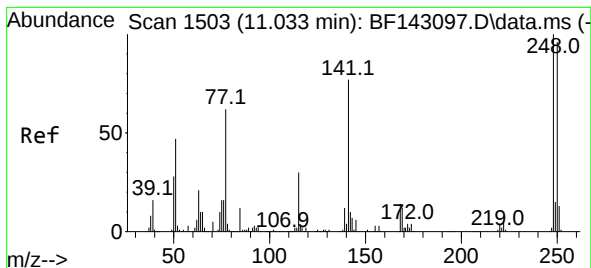
Tgt Ion:198 Resp: 55403
Ion Ratio Lower Upper
198 100
51 61.6 44.6 84.6
105 49.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 38.942 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:169 Resp: 518798
Ion Ratio Lower Upper
169 100
168 65.4 53.0 79.6
167 35.8 28.4 42.6

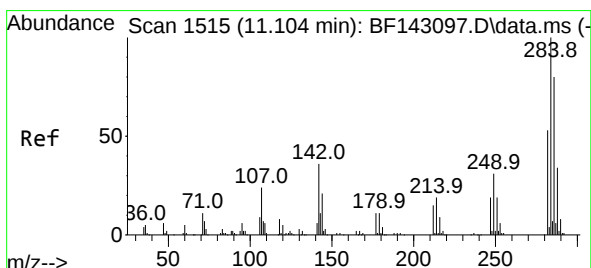
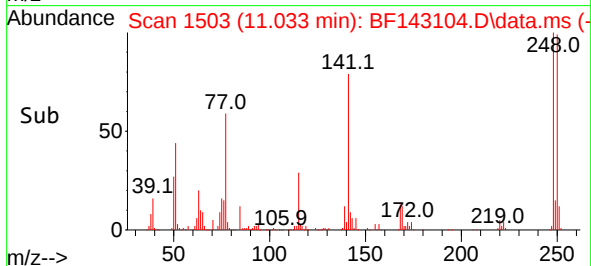
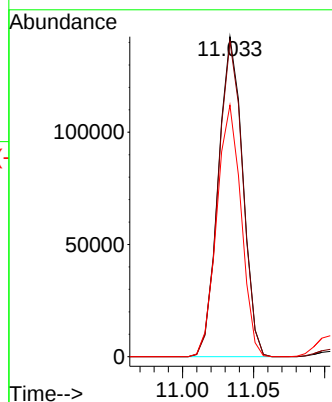
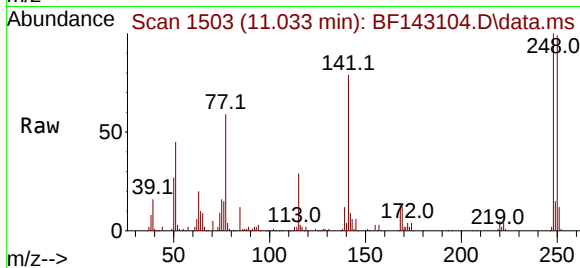




#67
4-Bromophenyl-phenylether
Concen: 39.573 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

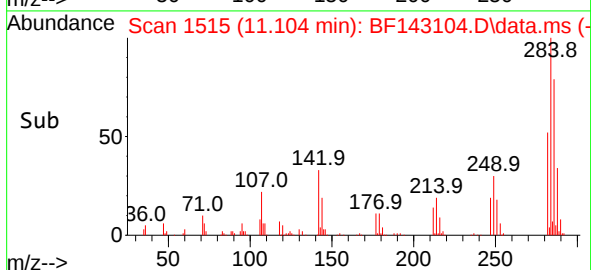
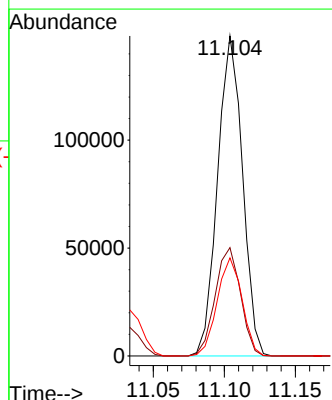
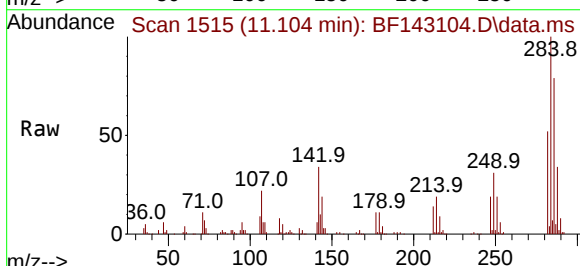
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

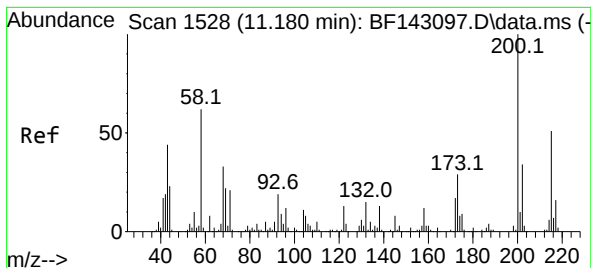
Tgt Ion:248 Resp: 170679
Ion Ratio Lower Upper
248 100
250 98.5 76.7 115.1
141 78.6 61.7 92.5



#68
Hexachlorobenzene
Concen: 39.504 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:284 Resp: 180784
Ion Ratio Lower Upper
284 100
142 33.8 28.9 43.3
249 30.7 24.6 37.0





#69

Atrazine

Concen: 40.773 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

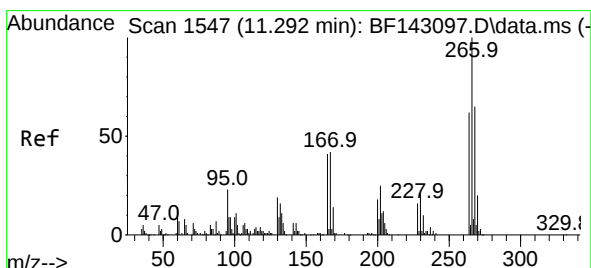
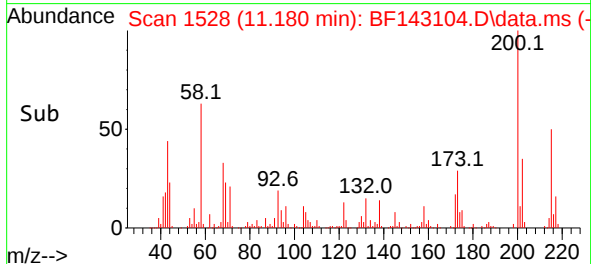
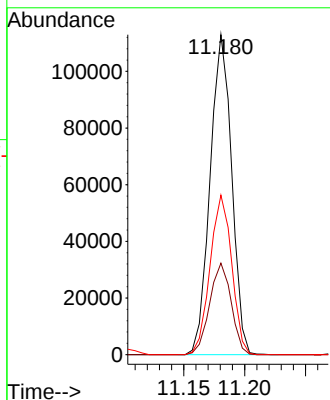
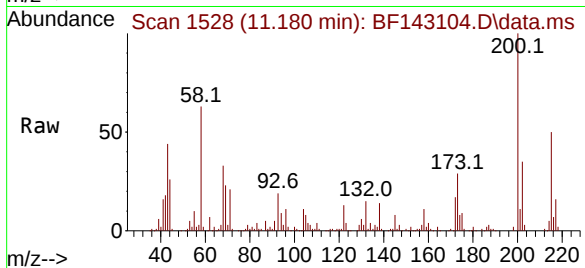
Tgt Ion:200 Resp: 138969

Ion Ratio Lower Upper

200 100

173 28.6 9.1 49.1

215 49.9 31.0 71.0



#70

Pentachlorophenol

Concen: 41.214 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

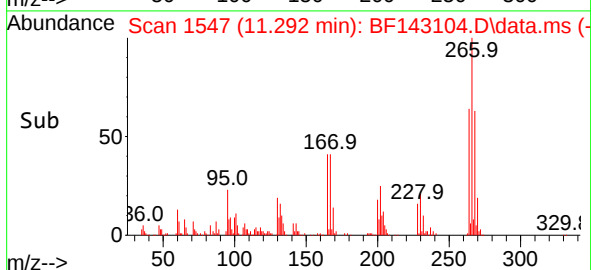
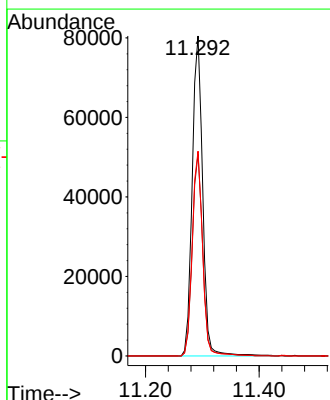
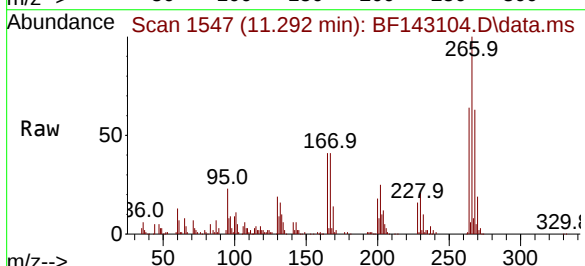
Tgt Ion:266 Resp: 103478

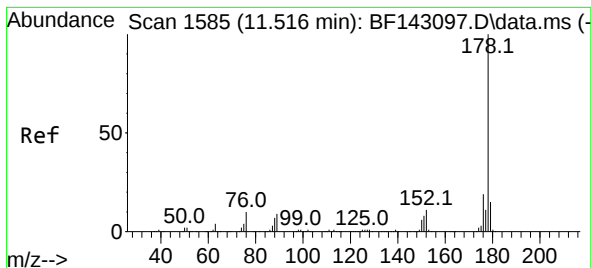
Ion Ratio Lower Upper

266 100

268 63.2 51.8 77.6

264 64.0 49.7 74.5





#71

Phenanthrene

Concen: 38.956 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

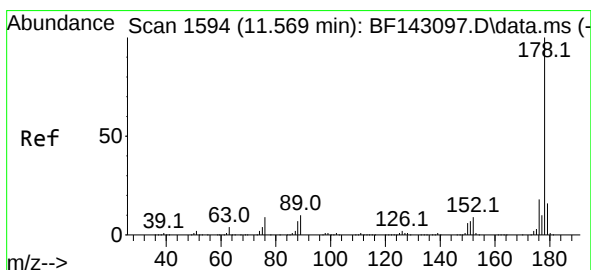
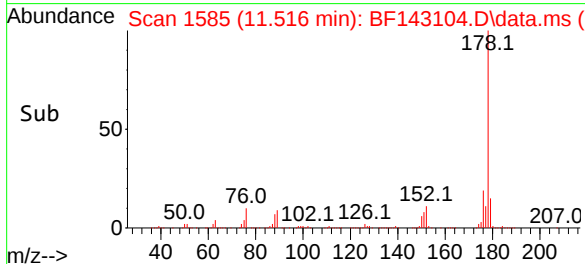
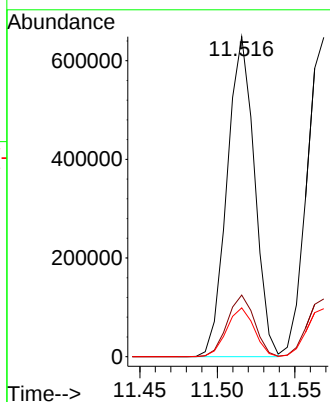
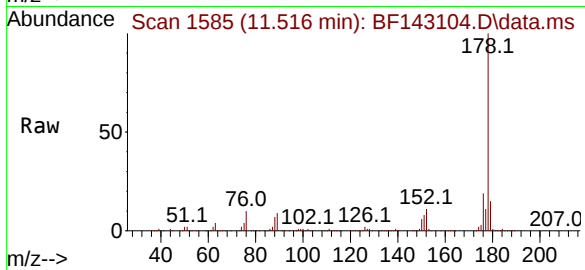
Tgt Ion:178 Resp: 797369

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.2 12.2 18.4



#72

Anthracene

Concen: 39.731 ng

RT: 11.569 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

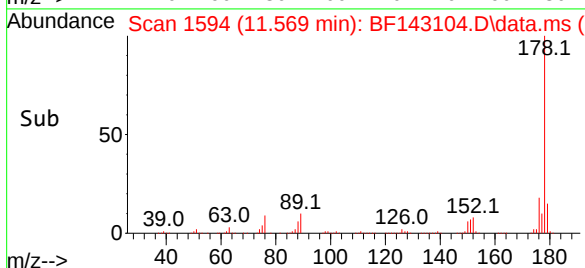
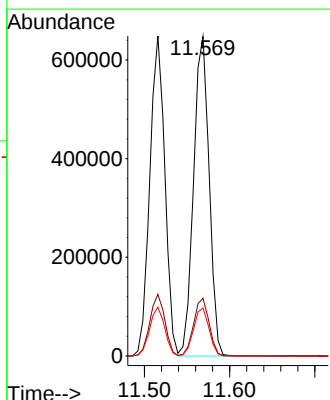
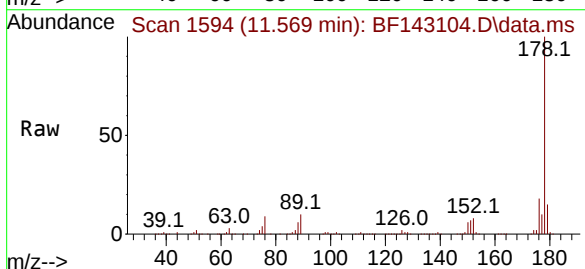
Tgt Ion:178 Resp: 817779

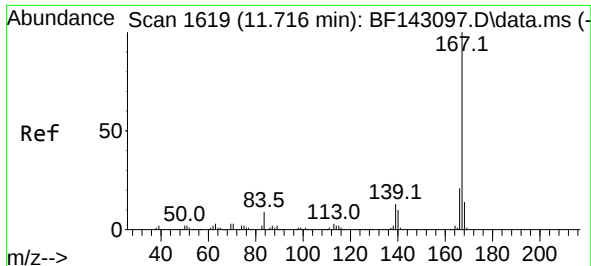
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.0 12.4 18.6

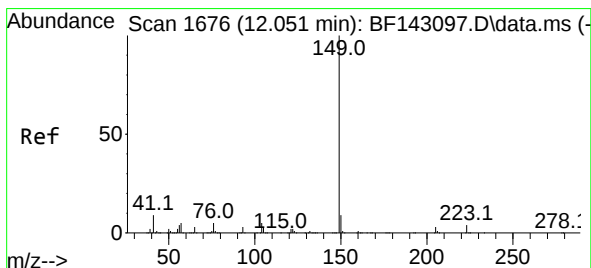
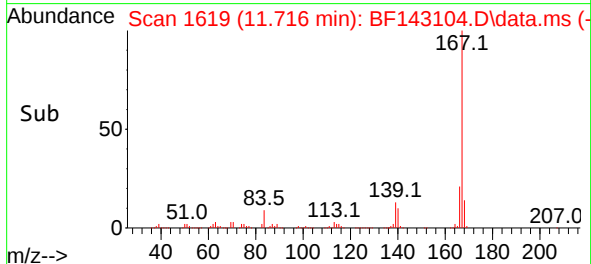
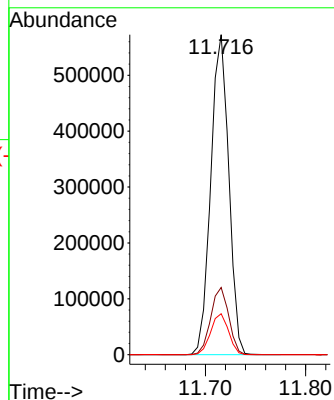
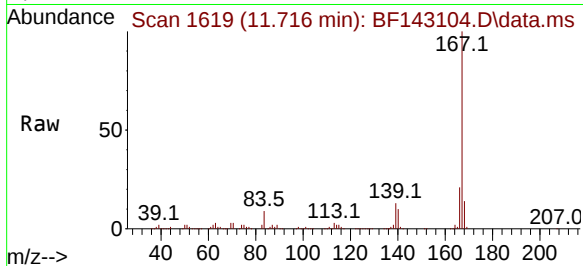




#73
 Carbazole
 Concen: 38.649 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: BF143104.D
 Acq: 16 Jul 2025 10:04

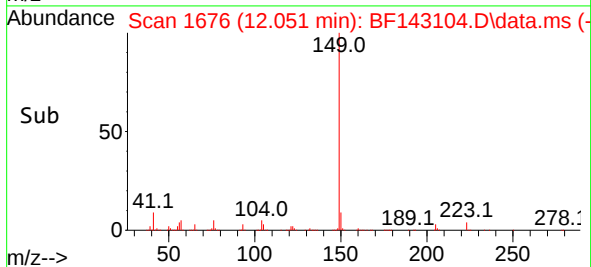
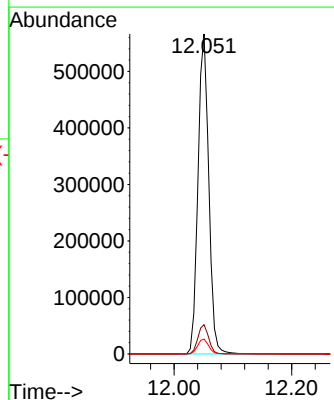
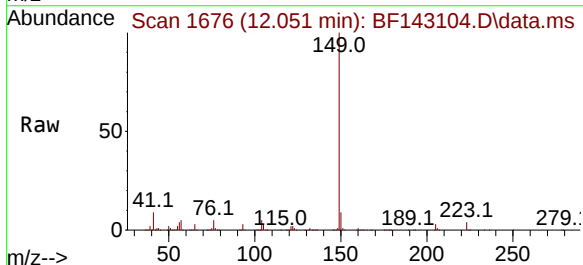
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

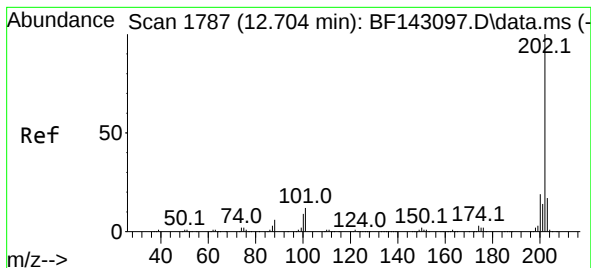
Tgt Ion:167 Resp: 712691
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.384 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF143104.D
 Acq: 16 Jul 2025 10:04

Tgt Ion:149 Resp: 717409
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 39.235 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

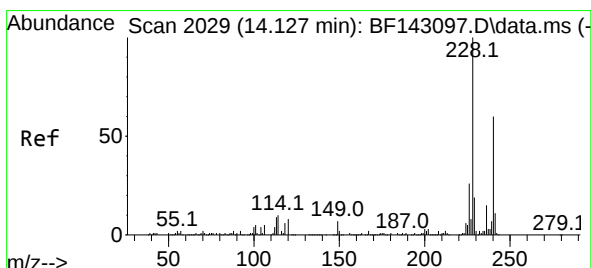
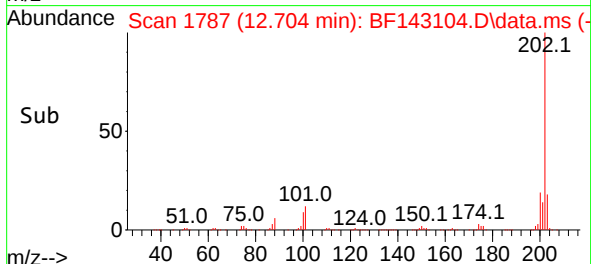
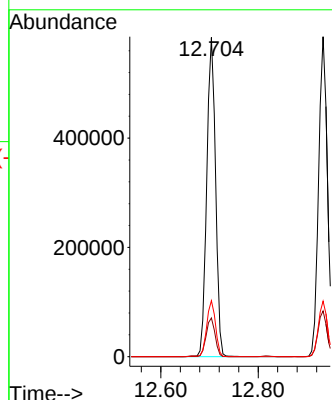
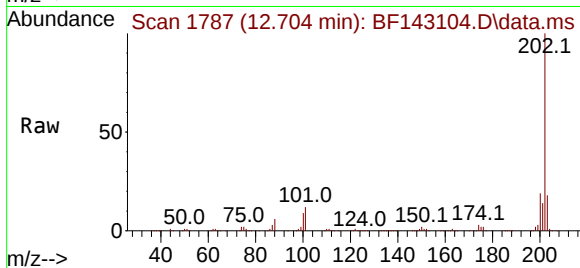
Tgt Ion:202 Resp: 730216

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.4

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

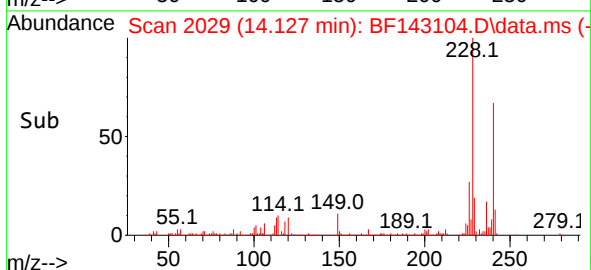
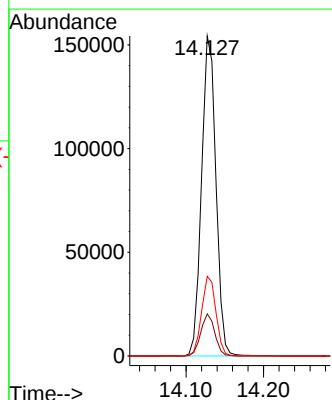
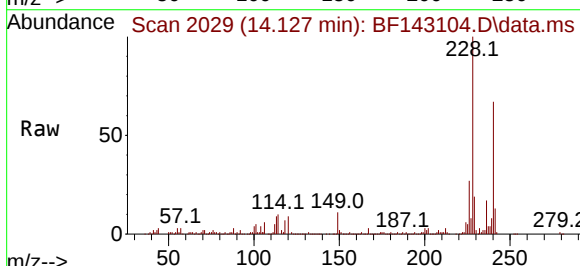
Tgt Ion:240 Resp: 198581

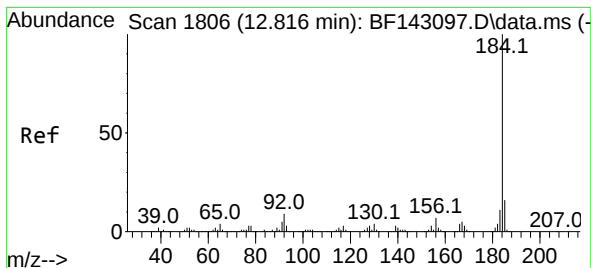
Ion Ratio Lower Upper

240 100

120 13.1 10.0 15.0

236 24.9 20.0 30.0





#77

Benzidine

Concen: 37.971 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

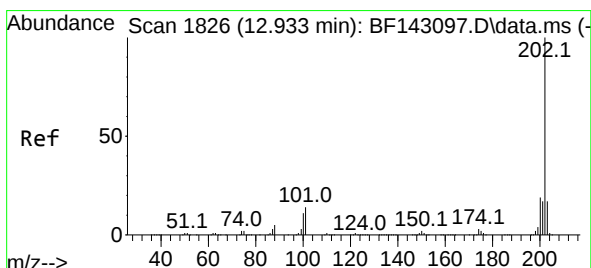
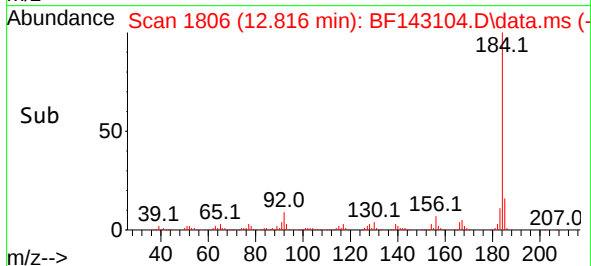
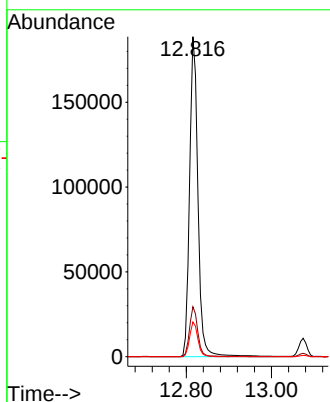
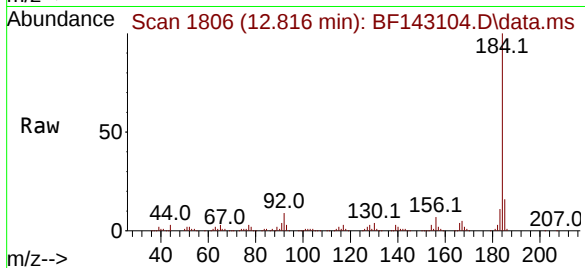
Tgt Ion:184 Resp: 256889

Ion Ratio Lower Upper

184 100

185 15.6 12.4 18.6

183 10.8 8.6 12.8



#78

Pyrene

Concen: 39.673 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

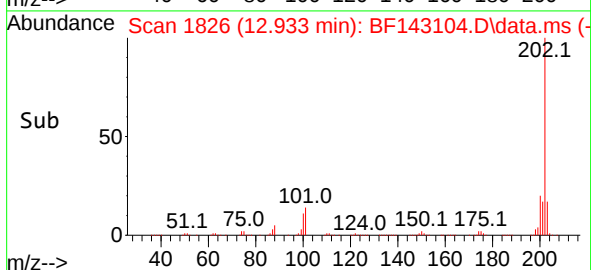
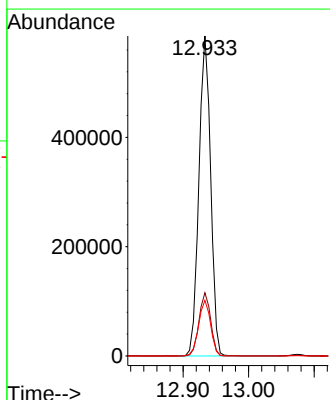
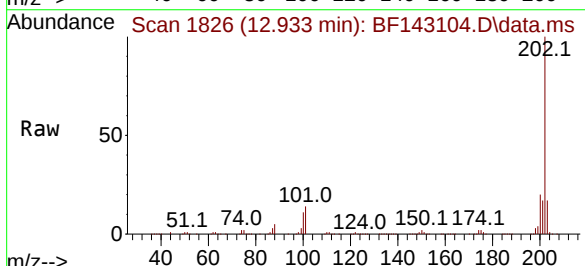
Tgt Ion:202 Resp: 730983

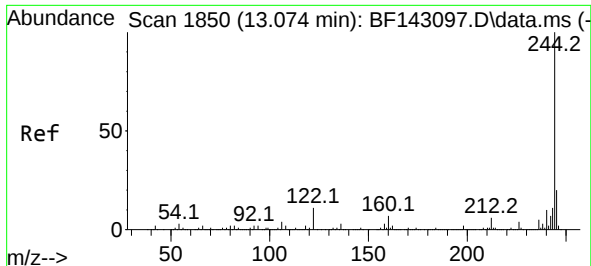
Ion Ratio Lower Upper

202 100

200 19.7 15.5 23.3

203 17.4 14.0 21.0

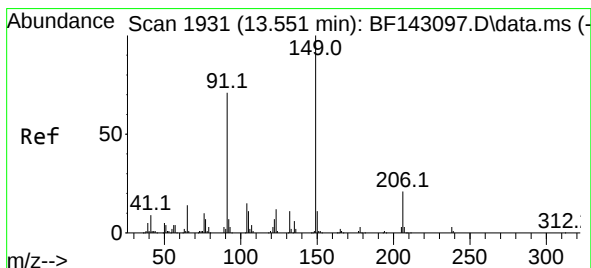
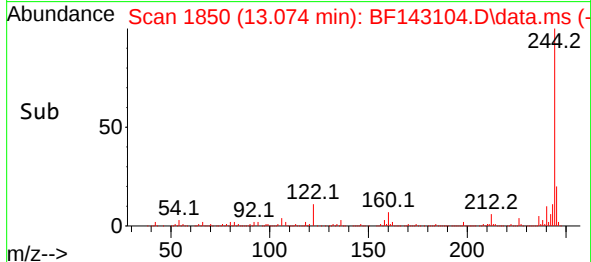
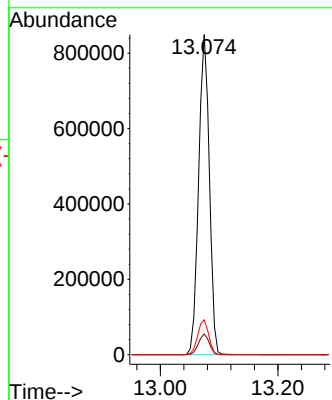
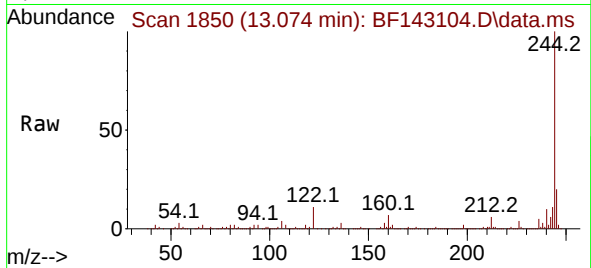




#79
 Terphenyl-d14
 Concen: 78.828 ng
 RT: 13.074 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: BF143104.D
 Acq: 16 Jul 2025 10:04

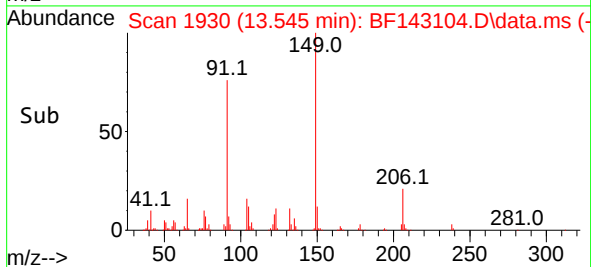
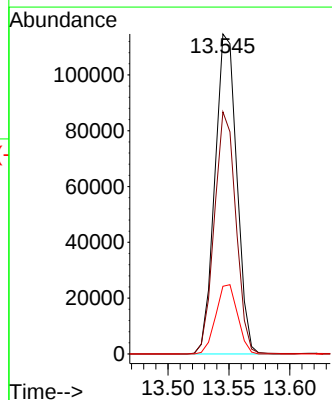
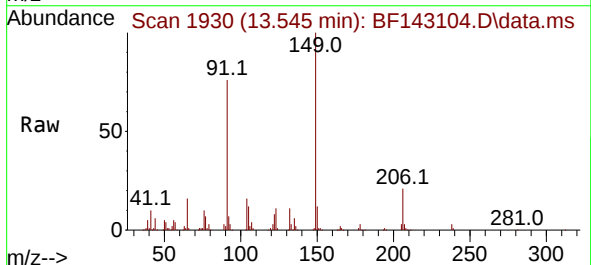
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

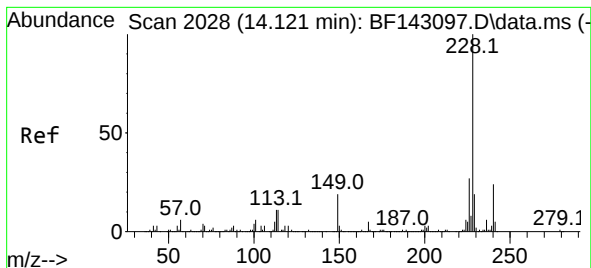
Tgt Ion:244 Resp: 1070842
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 39.410 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143104.D
 Acq: 16 Jul 2025 10:04

Tgt Ion:149 Resp: 143451
 Ion Ratio Lower Upper
 149 100
 91 75.7 57.0 85.4
 206 21.2 17.2 25.8





#81

Benzo(a)anthracene

Concen: 40.268 ng

RT: 14.116 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

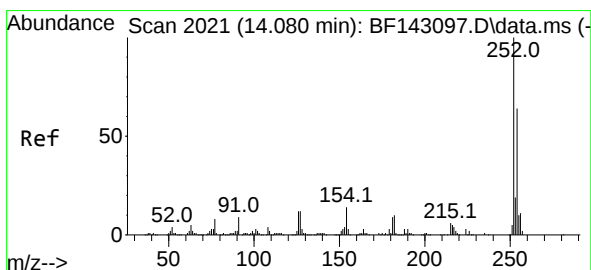
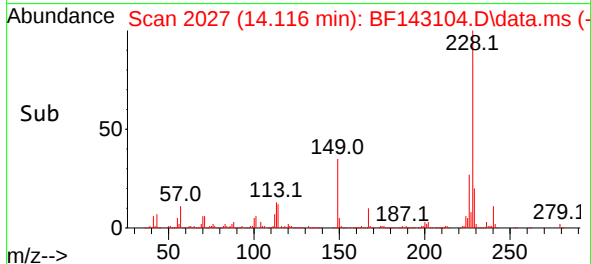
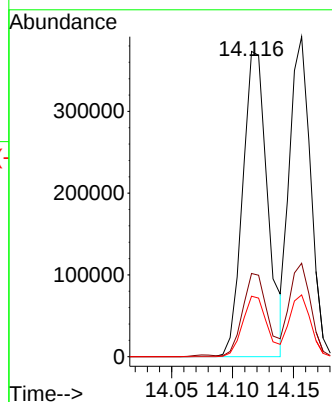
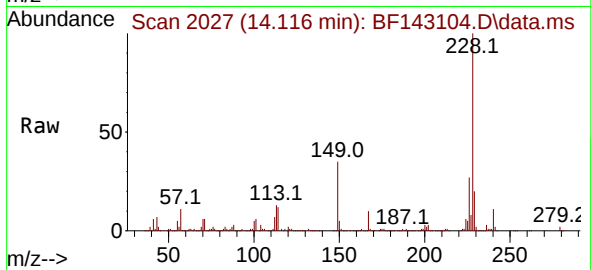
Tgt Ion:228 Resp: 532856

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.913 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

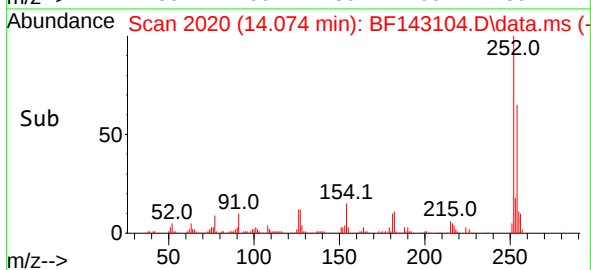
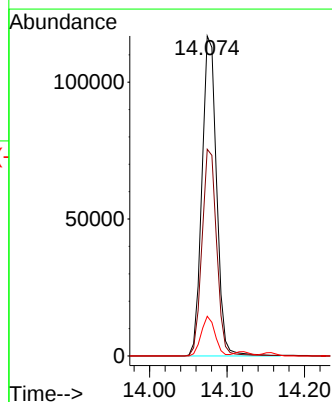
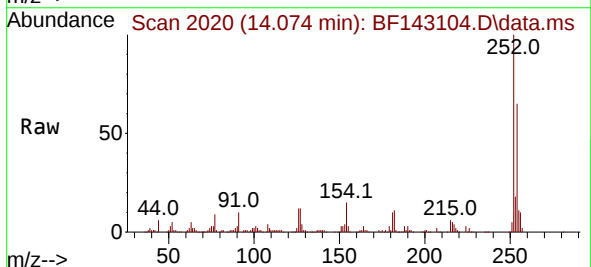
Tgt Ion:252 Resp: 153373

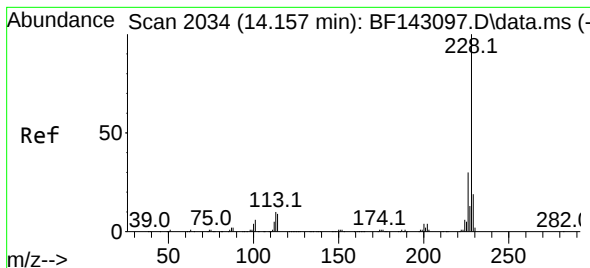
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 12.4 9.4 14.0





#83

Chrysene

Concen: 38.602 ng

RT: 14.157 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

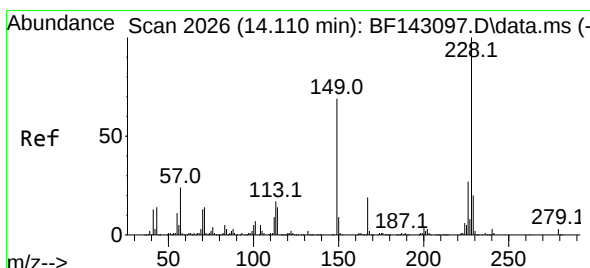
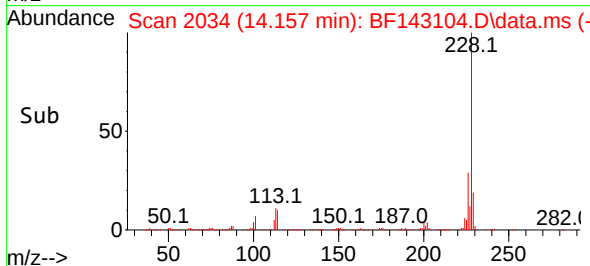
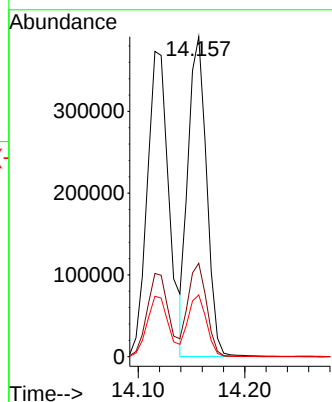
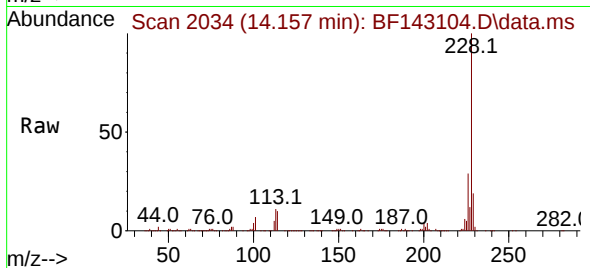
Tgt Ion:228 Resp: 470466

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

229 19.3 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.784 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143104.D

Acq: 16 Jul 2025 10:04

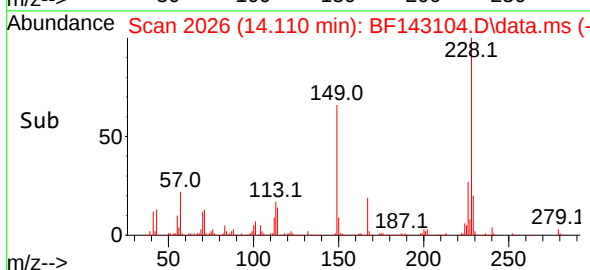
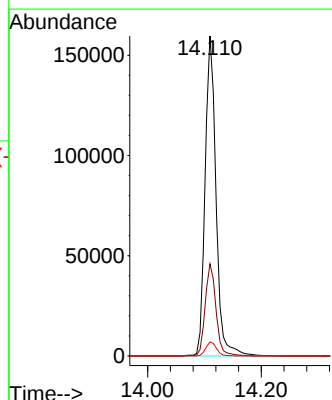
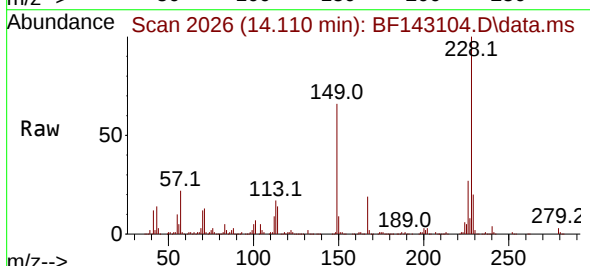
Tgt Ion:149 Resp: 212589

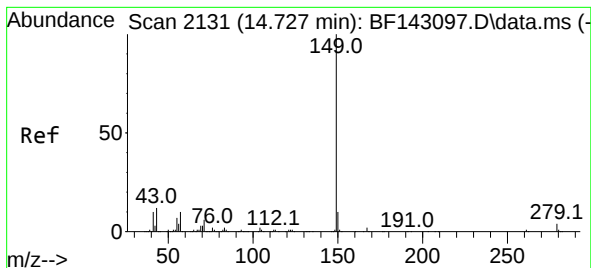
Ion Ratio Lower Upper

149 100

167 28.8 21.9 32.9

279 4.4 3.4 5.0

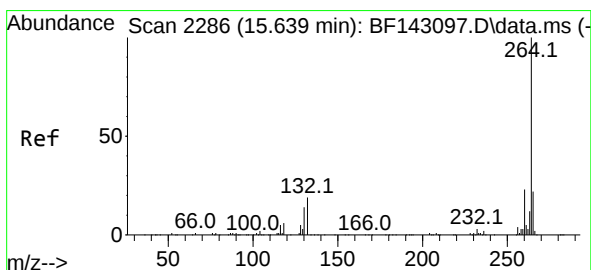
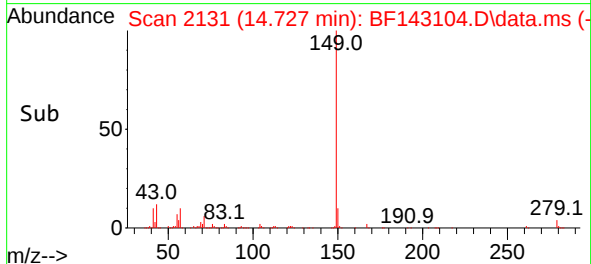
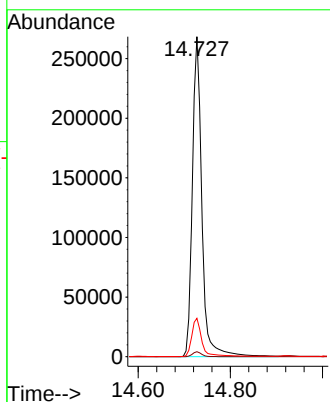
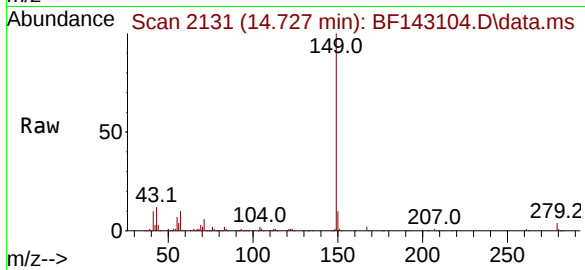




#85
Di-n-octyl phthalate
Concen: 37.934 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

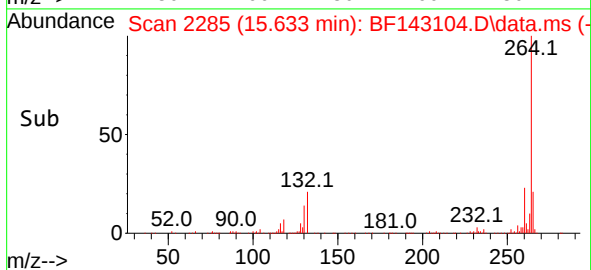
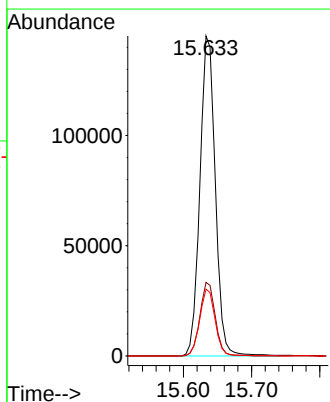
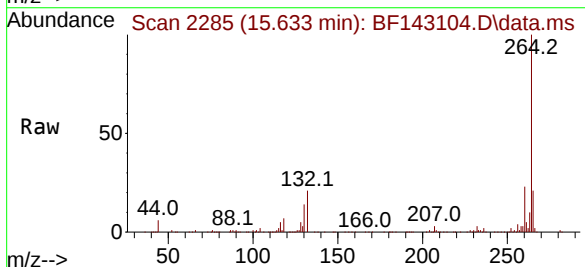
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

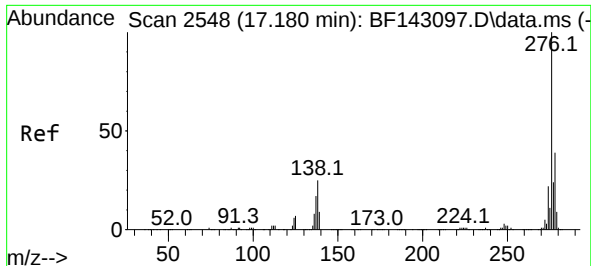
Tgt Ion:149 Resp: 383461
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.6 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:264 Resp: 227828
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 20.9 17.5 26.3

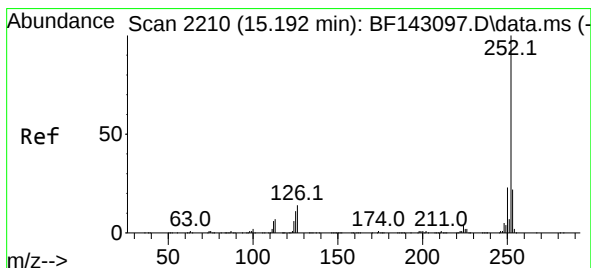
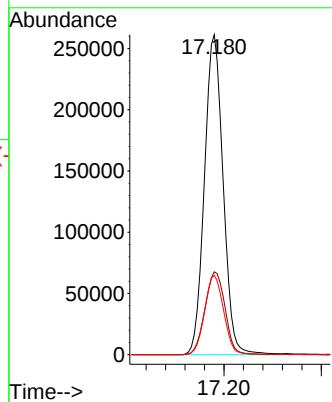
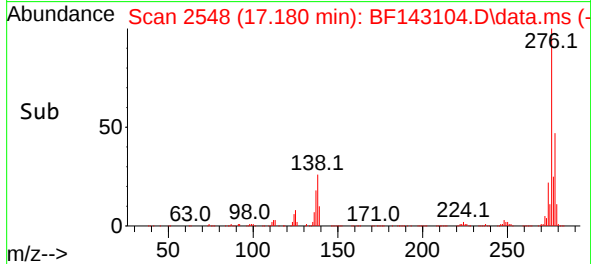
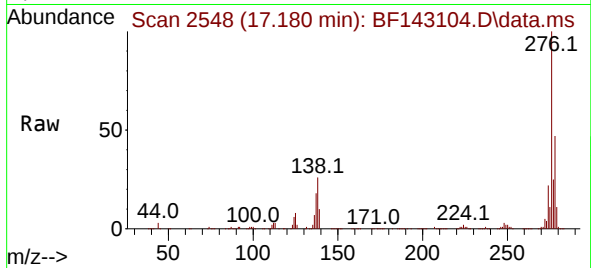




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.053 ng
 RT: 17.180 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: BF143104.D
 Acq: 16 Jul 2025 10:04

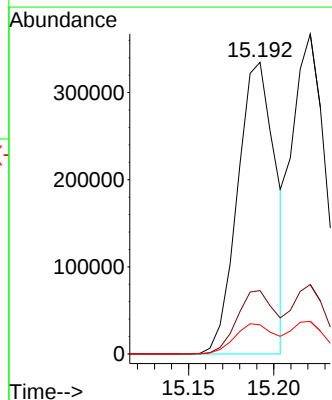
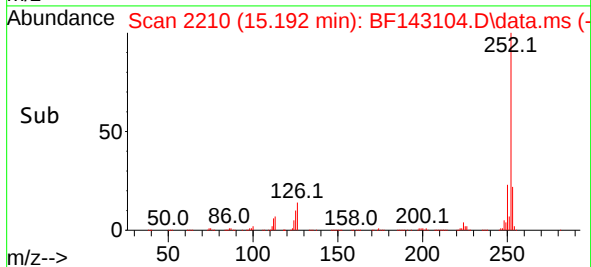
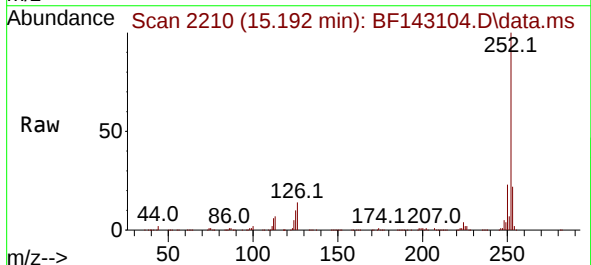
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

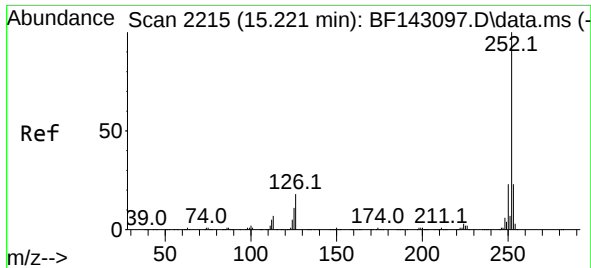
Tgt Ion:276 Resp: 695644
 Ion Ratio Lower Upper
 276 100
 138 27.9 22.6 34.0
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 39.295 ng
 RT: 15.192 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: BF143104.D
 Acq: 16 Jul 2025 10:04

Tgt Ion:252 Resp: 516395
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 10.0 8.6 13.0

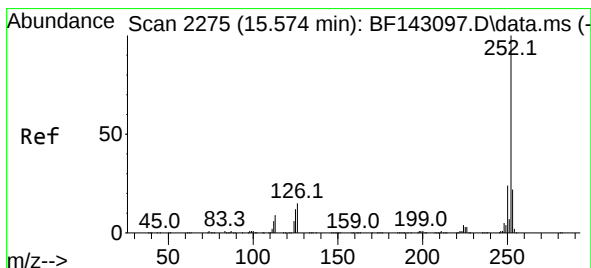
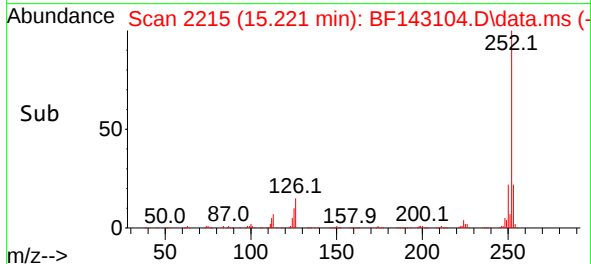
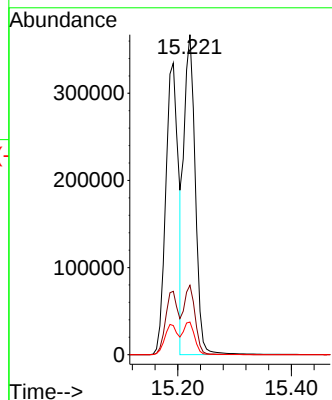
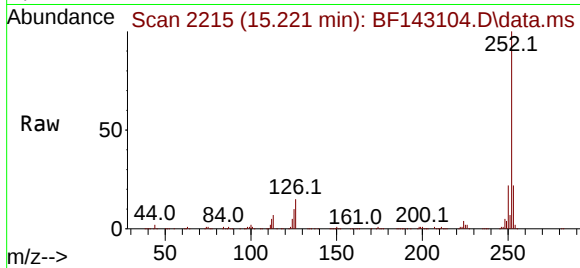




#89
Benzo(k)fluoranthene
Concen: 40.477 ng
RT: 15.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

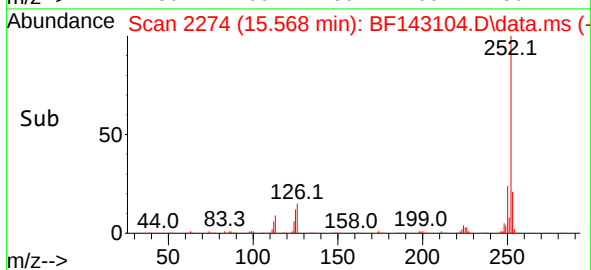
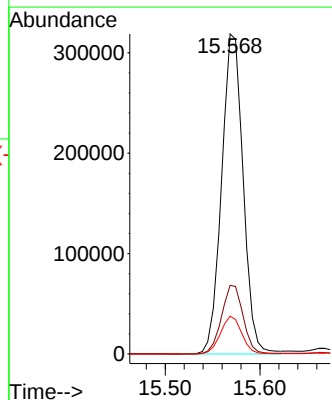
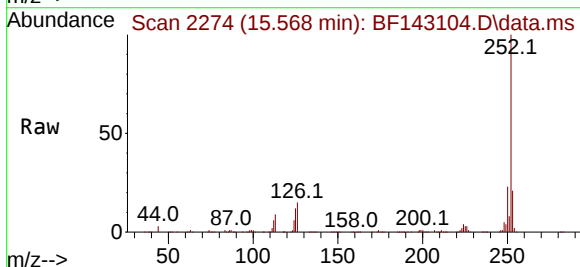
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

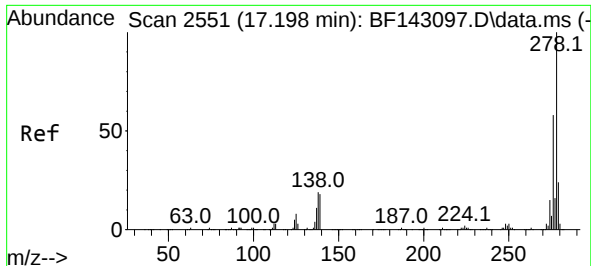
Tgt Ion:252 Resp: 507467
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.2 8.5 12.7



#90
Benzo(a)pyrene
Concen: 40.589 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:252 Resp: 504482
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.8 9.4 14.0

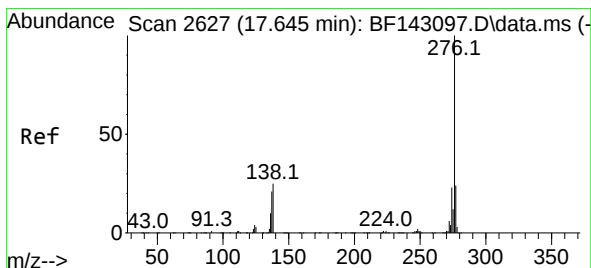
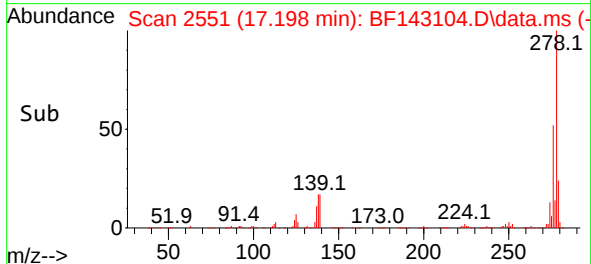
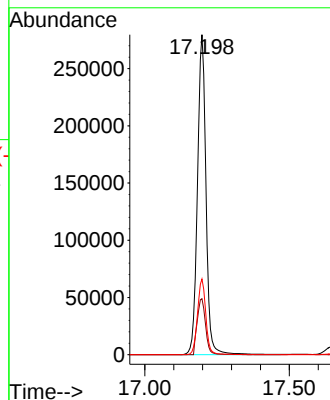
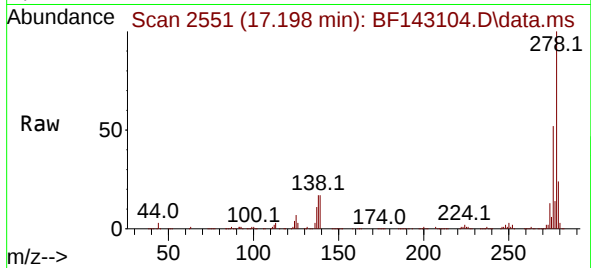




#91
Dibenzo(a,h)anthracene
Concen: 41.325 ng
RT: 17.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 572430
Ion Ratio Lower Upper
278 100
139 17.5 14.6 22.0
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.049 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.000 min
Lab File: BF143104.D
Acq: 16 Jul 2025 10:04

Tgt Ion:276 Resp: 579712
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 24.0 19.8 29.6

