

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143100.D
 Acq On : 15 Jul 2025 16:35
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jul 15 17:42:44 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 17:08:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	129576	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	487361	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	236260	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	362117	20.000	ng	0.00
76) Chrysene-d12	14.133	240	196411	20.000	ng	0.00
86) Perylene-d12	15.639	264	256691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1189824	145.077	ng	0.00
7) Phenol-d6	6.593	99	1493965	144.917	ng	0.00
23) Nitrobenzene-d5	7.534	82	1441614	165.933	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	355830	168.911	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2339151	131.609	ng	0.00
79) Terphenyl-d14	13.075	244	1779829	132.466	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	303852	74.427	ng	100
3) Pyridine	3.581	79	787323	76.158	ng	99
4) n-Nitrosodimethylamine	3.534	42	421072	78.614	ng	100
6) Aniline	6.634	93	1072162	73.855	ng	100
8) 2-Chlorophenol	6.757	128	628294	76.249	ng	99
9) Benzaldehyde	6.522	77	447861	57.014	ng	99
10) Phenol	6.610	94	852212	76.362	ng	94
11) bis(2-Chloroethyl)ether	6.704	93	626821	72.551	ng	98
12) 1,3-Dichlorobenzene	6.916	146	666489	71.595	ng	100
13) 1,4-Dichlorobenzene	6.987	146	669586	71.496	ng	99
14) 1,2-Dichlorobenzene	7.145	146	643168	72.014	ng	99
15) Benzyl Alcohol	7.104	79	586953	76.840	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.245	45	1125357	70.661	ng	98
17) 2-Methylphenol	7.216	107	536428	75.438	ng	99
18) Hexachloroethane	7.487	117	235713	77.313	ng	99
19) n-Nitroso-di-n-propyla...	7.393	70	464705	73.578	ng	98
20) 3+4-Methylphenols	7.369	107	616275	70.670	ng	95
22) Acetophenone	7.381	105	817243	69.563	ng	# 95
24) Nitrobenzene	7.551	77	676569	80.671	ng	99
25) Isophorone	7.798	82	1269015	75.573	ng	100
26) 2-Nitrophenol	7.863	139	287169	82.598	ng	98
27) 2,4-Dimethylphenol	7.898	122	582059	74.683	ng	98
28) bis(2-Chloroethoxy)met...	7.998	93	731977	71.885	ng	100
29) 2,4-Dichlorophenol	8.104	162	496027	77.795	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	520808	71.974	ng	98
31) Naphthalene	8.275	128	1711163	70.704	ng	100
32) Benzoic acid	8.022	122	336178	81.374	ng	99
33) 4-Chloroaniline	8.316	127	688999	70.795	ng	99
34) Hexachlorobutadiene	8.398	225	318274	73.546	ng	98
35) Caprolactam	8.698	113	161466	81.097	ng	94
36) 4-Chloro-3-methylphenol	8.792	107	539340	75.937	ng	97
37) 2-Methylnaphthalene	8.963	142	1021312	70.738	ng	99
38) 1-Methylnaphthalene	9.063	142	1047560	69.955	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	493246	71.639	ng	99
41) Hexachlorocyclopentadiene	9.128	237	324865	85.103	ng	98
43) 2,4,6-Trichlorophenol	9.239	196	355839	83.176	ng	98

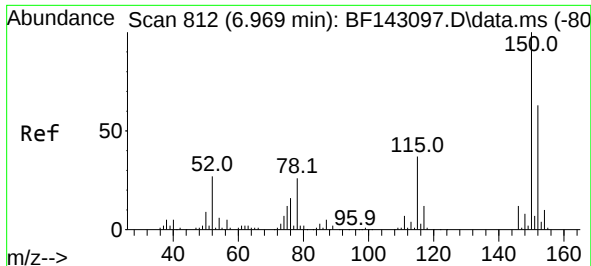
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	357298	79.651	ng	99
46) 1,1'-Biphenyl	9.428	154	1307947	69.419	ng	99
47) 2-Chloronaphthalene	9.457	162	990436	71.557	ng	99
48) 2-Nitroaniline	9.539	65	335875	79.074	ng	99
49) Acenaphthylene	9.875	152	1650097	71.544	ng	99
50) Dimethylphthalate	9.728	163	1104756	74.327	ng	100
51) 2,6-Dinitrotoluene	9.787	165	233478	77.660	ng	91
52) Acenaphthene	10.045	154	975285	71.657	ng	99
53) 3-Nitroaniline	9.951	138	279161	86.920	ng	99
54) 2,4-Dinitrophenol	10.057	184	91751	79.064	ng	# 1
55) Dibenzofuran	10.216	168	1432458	70.610	ng	100
56) 4-Nitrophenol	10.098	139	219224	85.886	ng	97
57) 2,4-Dinitrotoluene	10.186	165	302558	80.048	ng	99
58) Fluorene	10.557	166	1043990	68.640	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	291933	81.893	ng	99
60) Diethylphthalate	10.428	149	1067815	74.464	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	524910	72.005	ng	98
62) 4-Nitroaniline	10.569	138	244461	87.527	ng	97
63) Azobenzene	10.710	77	1141613	71.985	ng	98
65) 4,6-Dinitro-2-methylph...	10.598	198	125251	78.600	ng	96
66) n-Nitrosodiphenylamine	10.663	169	947890	74.520	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	316619	76.885	ng	97
68) Hexachlorobenzene	11.110	284	333899	76.417	ng	96
69) Atrazine	11.186	200	266668	81.943	ng	97
70) Pentachlorophenol	11.292	266	210729	87.905	ng	99
71) Phenanthrene	11.522	178	1401500	71.714	ng	99
72) Anthracene	11.569	178	1423259	72.421	ng	99
73) Carbazole	11.716	167	1264053	71.796	ng	100
74) Di-n-butylphthalate	12.051	149	1299711	80.422	ng	100
75) Fluoranthene	12.704	202	1258479	70.821	ng	99
77) Benzidine	12.816	184	403599	60.315	ng	99
78) Pyrene	12.933	202	1244953	68.315	ng	99
80) Butylbenzylphthalate	13.551	149	301525	79.914	ng	99
81) Benzo(a)anthracene	14.122	228	979909	74.870	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	296061	77.896	ng	99
83) Chrysene	14.157	228	913035	75.743	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	458210	80.495	ng	99
85) Di-n-octyl phthalate	14.727	149	916748	82.209	ng	98
87) Indeno(1,2,3-cd)pyrene	17.192	276	1509813	79.082	ng	98
88) Benzo(b)fluoranthene	15.198	252	1115815	75.360	ng	99
89) Benzo(k)fluoranthene	15.227	252	1083939	76.736	ng	99
90) Benzo(a)pyrene	15.580	252	1107280	79.071	ng	99
91) Dibenzo(a,h)anthracene	17.215	278	1209971	77.528	ng	98
92) Benzo(g,h,i)perylene	17.668	276	1246206	78.321	ng	98

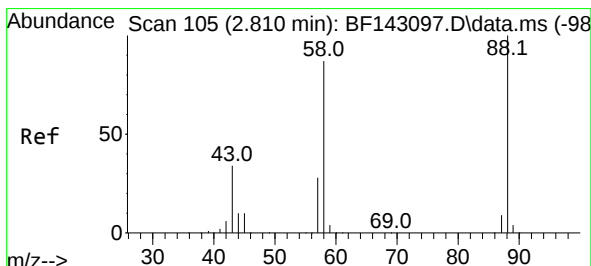
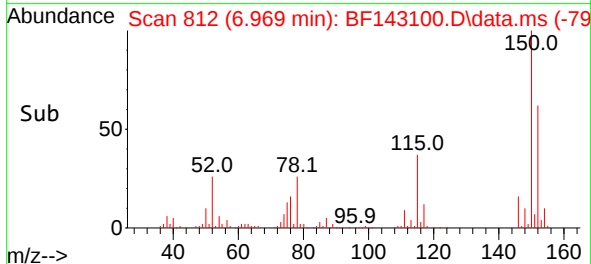
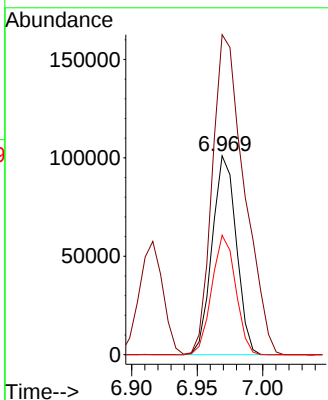
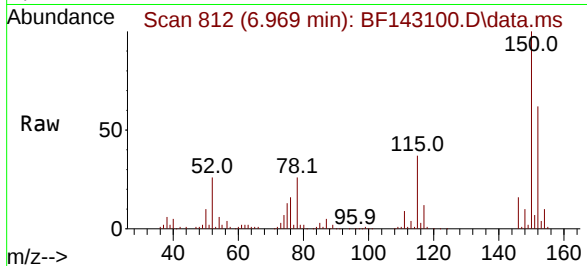
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143100.D
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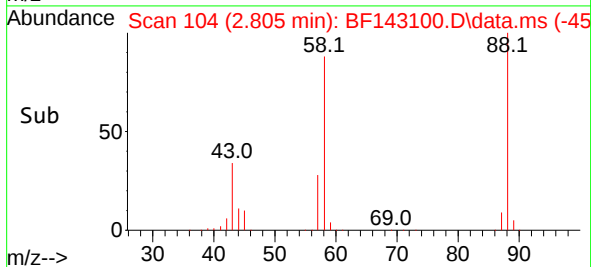
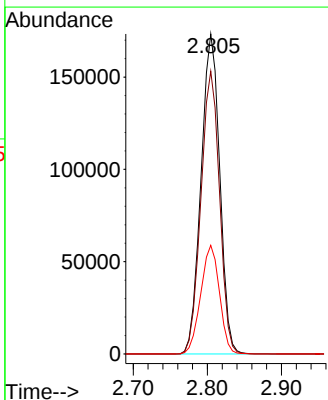
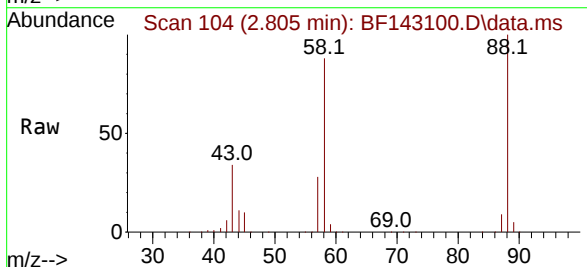
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

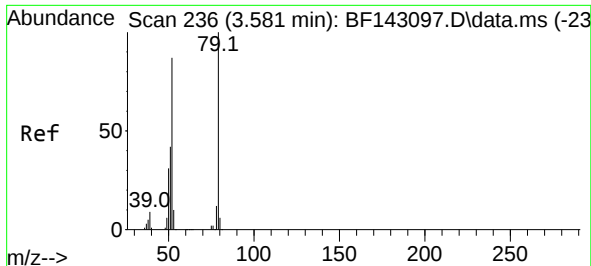
Tgt Ion:152 Resp: 129576
Ion Ratio Lower Upper
152 100
150 160.9 126.5 189.7
115 60.0 47.0 70.6



#2
1,4-Dioxane
Concen: 74.427 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 88 Resp: 303852
Ion Ratio Lower Upper
88 100
58 87.8 70.5 105.7
43 33.9 27.3 40.9

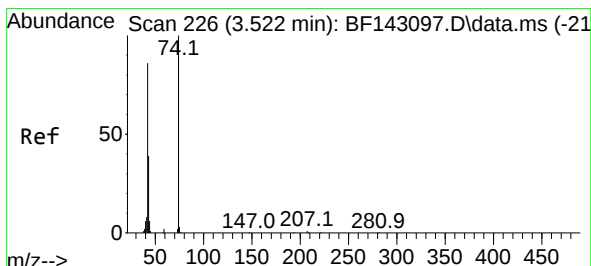
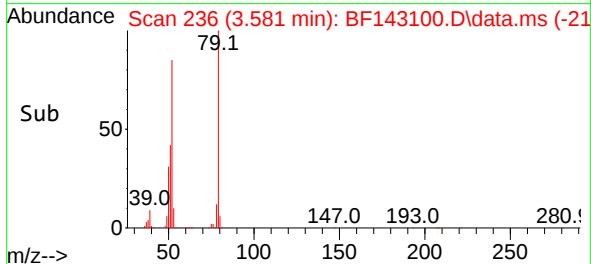
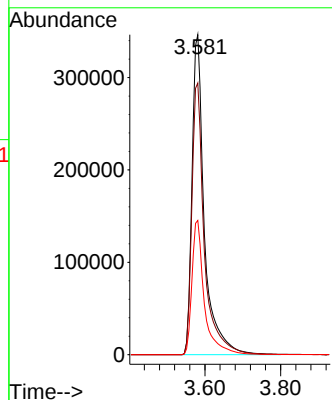
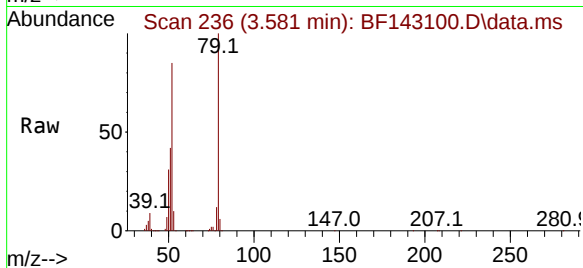




#3
Pyridine
Concen: 76.158 ng
RT: 3.581 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

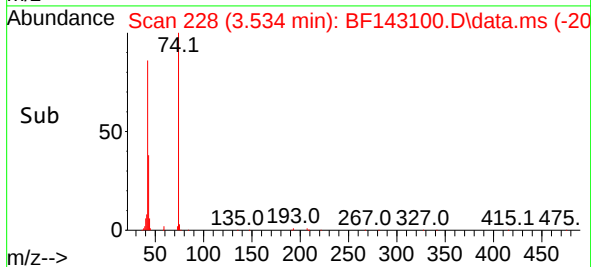
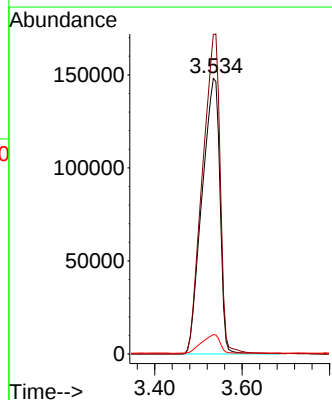
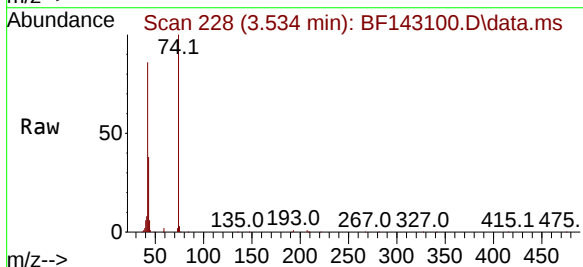
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ClientSampleId :
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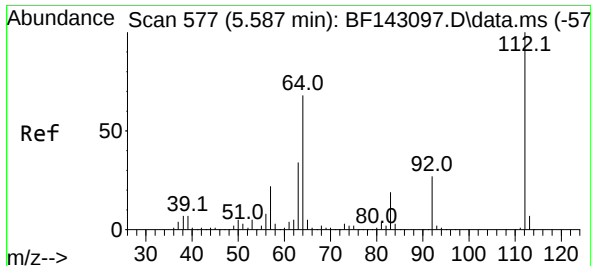
Tgt Ion: 79 Resp: 787323
Ion Ratio Lower Upper
79 100
52 84.9 69.2 103.8
51 42.0 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 78.614 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 42 Resp: 421072
Ion Ratio Lower Upper
42 100
74 115.9 92.8 139.2
44 7.0 5.8 8.6

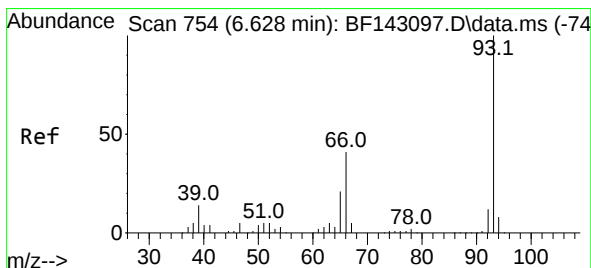
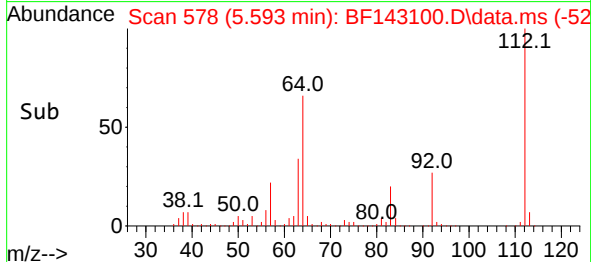
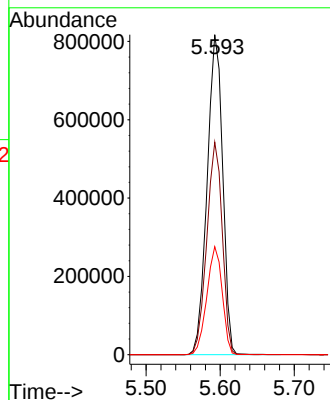
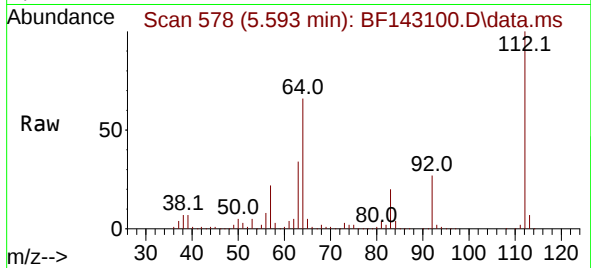




#5
2-Fluorophenol
Concen: 145.077 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

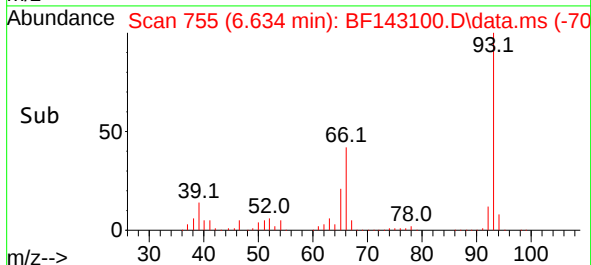
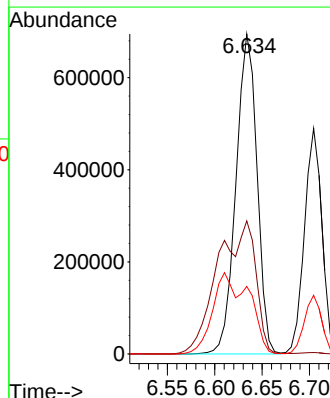
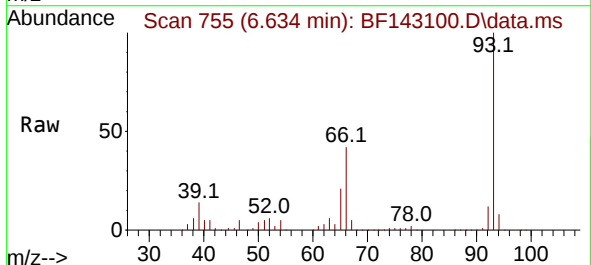
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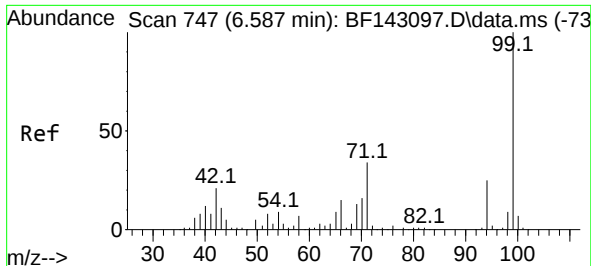
Tgt Ion:112 Resp: 1189824
Ion Ratio Lower Upper
112 100
64 66.4 54.6 82.0
63 33.7 27.3 40.9



#6
Aniline
Concen: 73.855 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 93 Resp: 1072162
Ion Ratio Lower Upper
93 100
66 41.6 33.1 49.7
65 21.1 16.9 25.3

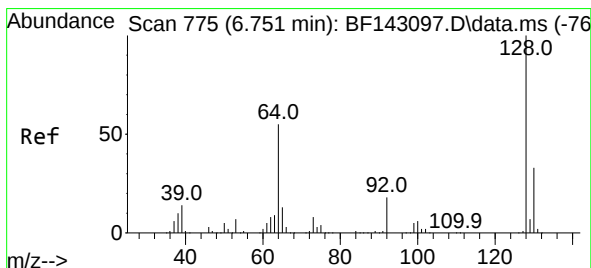
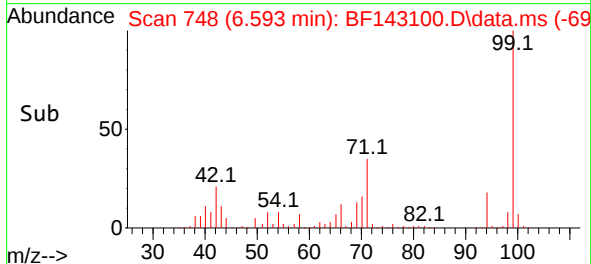
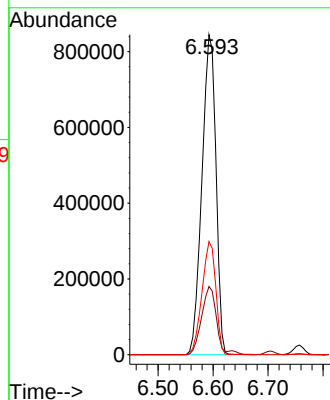
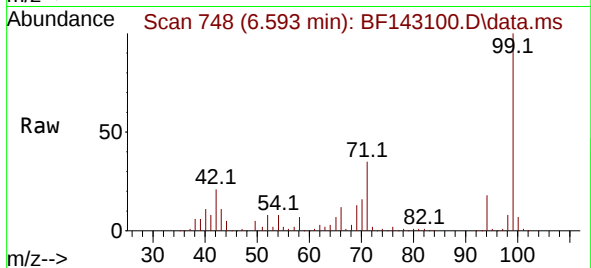




#7
Phenol-d6
Concen: 144.917 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

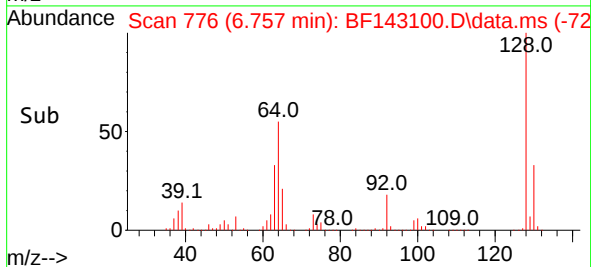
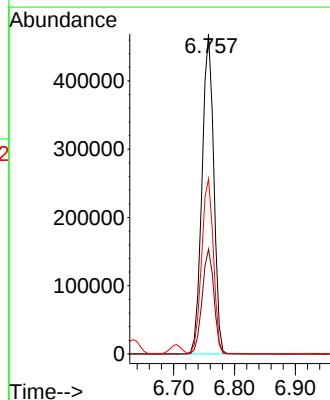
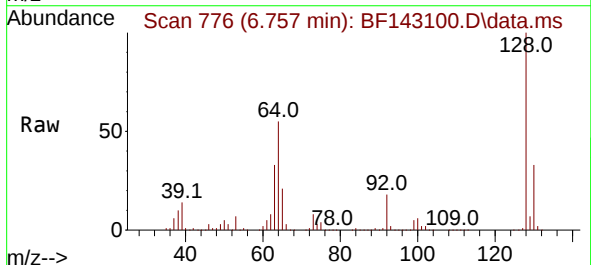
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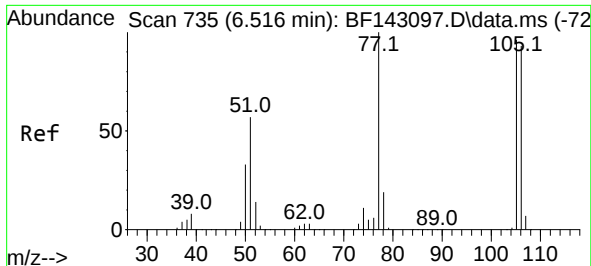
Tgt Ion: 99 Resp: 1493965
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 35.4 27.4 41.0



#8
2-Chlorophenol
Concen: 76.249 ng
RT: 6.757 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:128 Resp: 628294
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 54.7 36.1 76.1

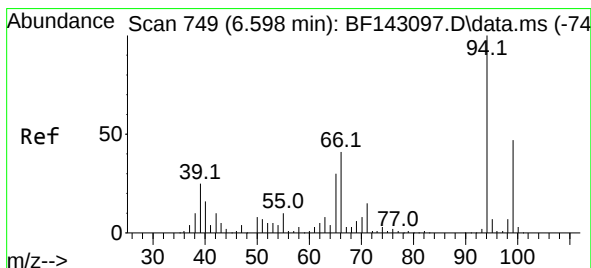
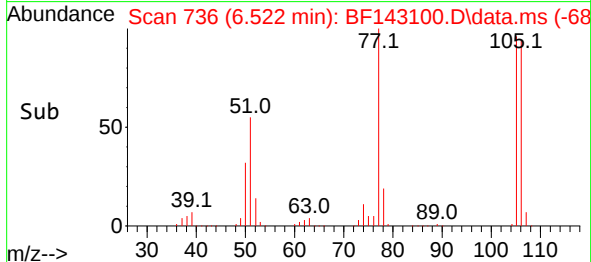
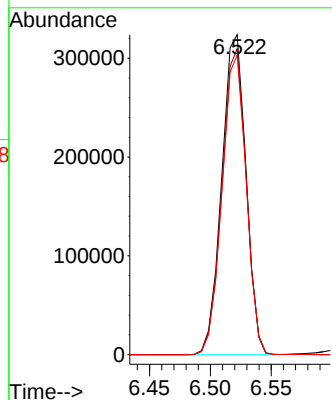
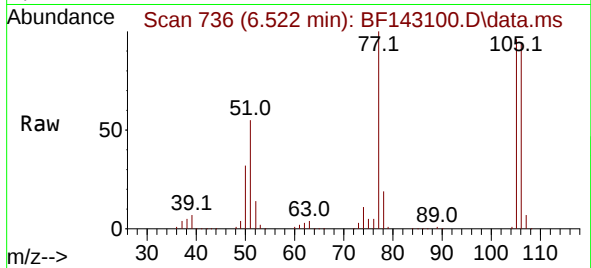




#9
Benzaldehyde
Concen: 57.014 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

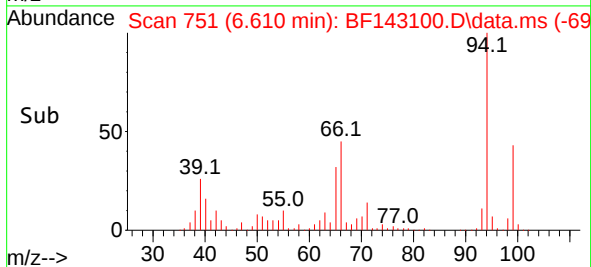
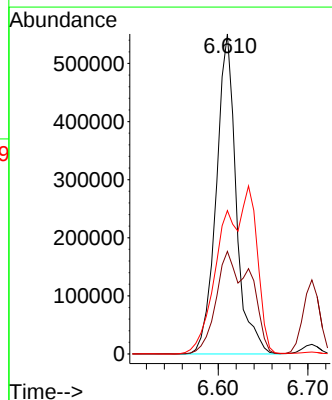
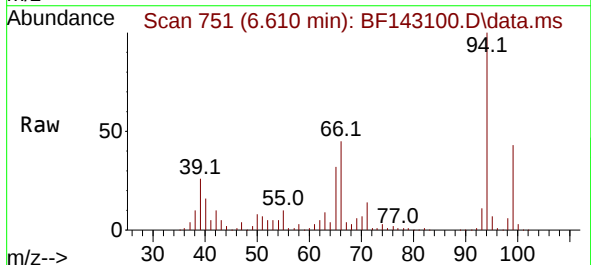
Instrument :
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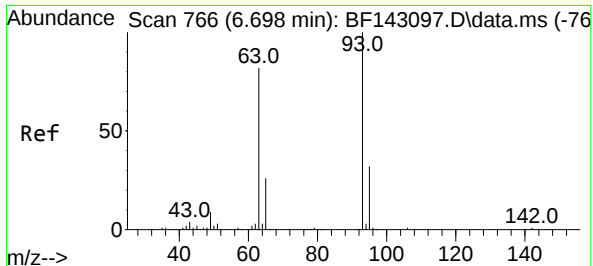
Tgt Ion: 77 Resp: 447861
Ion Ratio Lower Upper
77 100
105 95.6 76.3 116.3
106 93.6 72.8 112.8



#10
Phenol
Concen: 76.362 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 94 Resp: 852212
Ion Ratio Lower Upper
94 100
65 32.1 9.8 49.8
66 44.8 20.5 60.5

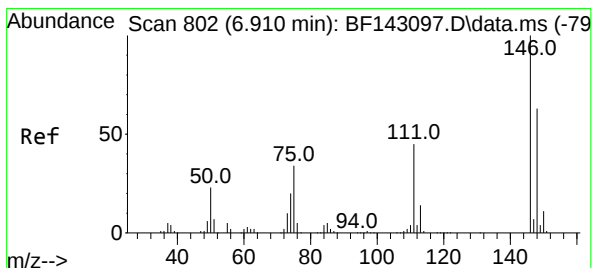
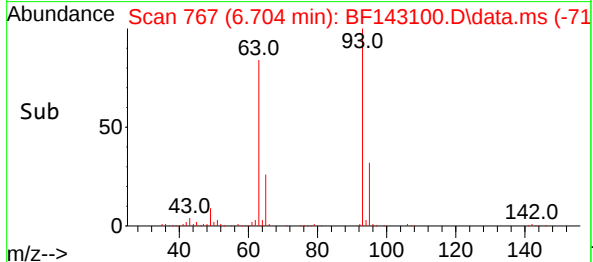
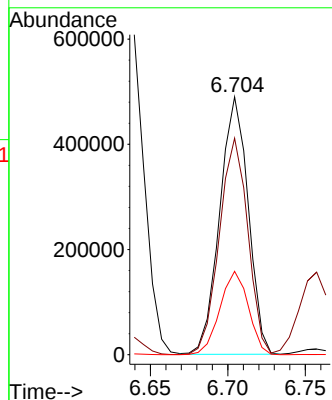
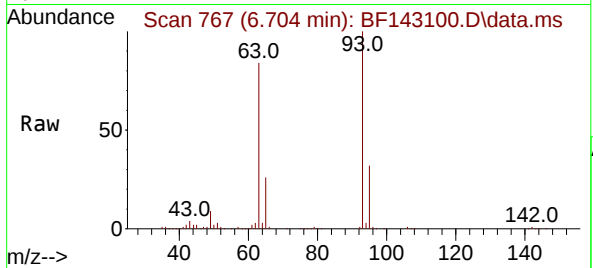




#11
bis(2-Chloroethyl)ether
Concen: 72.551 ng
RT: 6.704 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

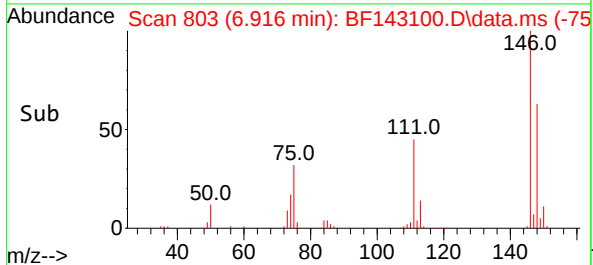
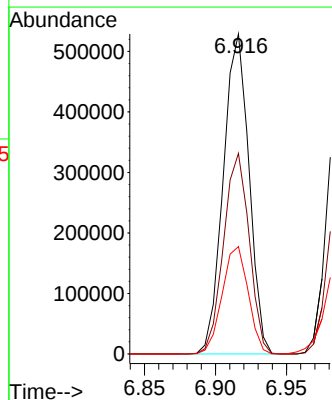
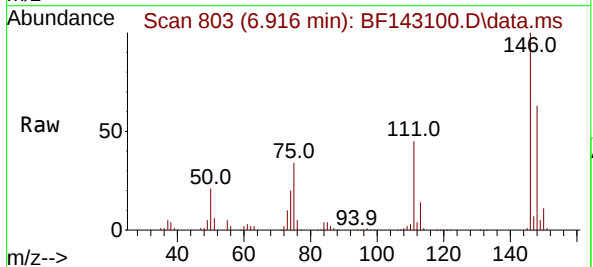
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

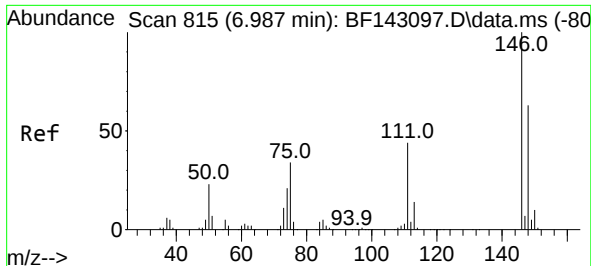
Tgt Ion: 93 Resp: 626821
Ion Ratio Lower Upper
93 100
63 84.0 61.9 101.9
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 71.595 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:146 Resp: 666489
Ion Ratio Lower Upper
146 100
148 62.7 50.1 75.1
75 33.5 27.4 41.0

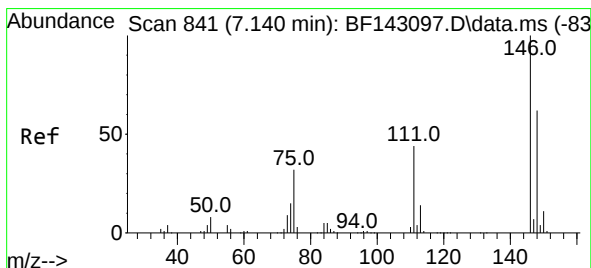
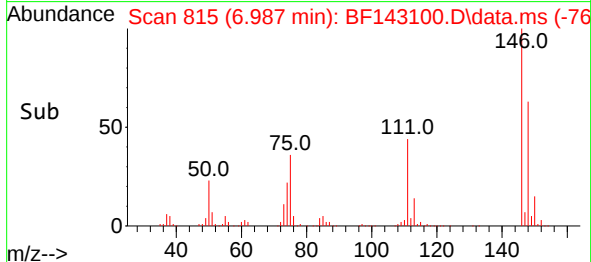
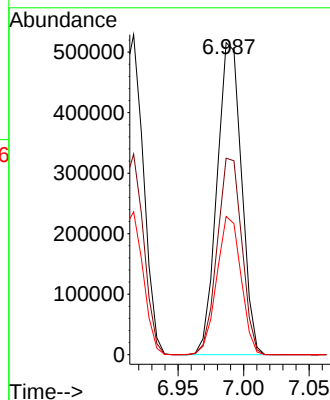
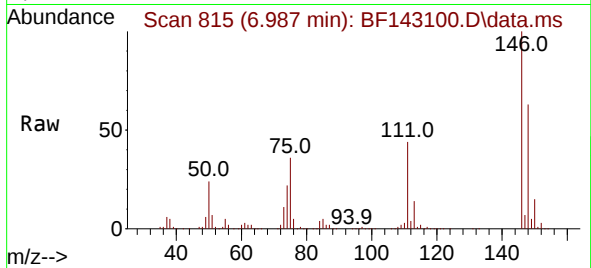




#13
1,4-Dichlorobenzene
Concen: 71.496 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

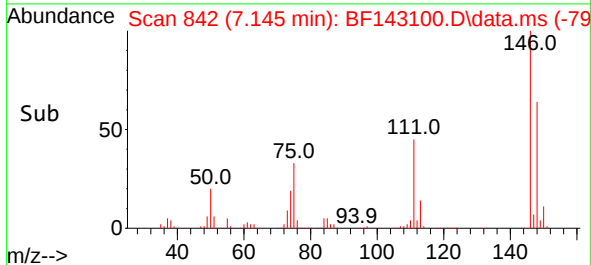
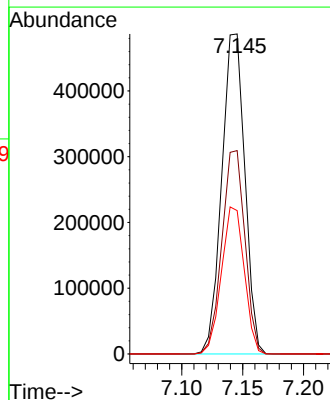
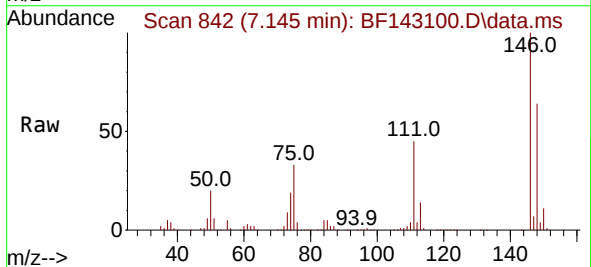
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

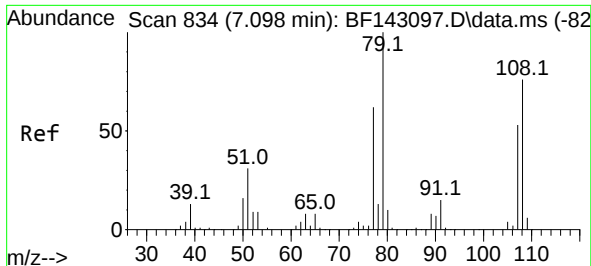
Tgt Ion:146 Resp: 669586
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
111 44.3 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 72.014 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:146 Resp: 643168
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.6
111 44.8 35.4 53.0



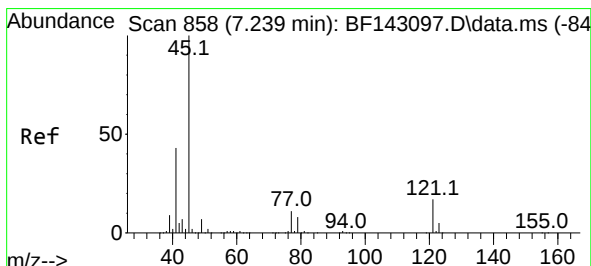
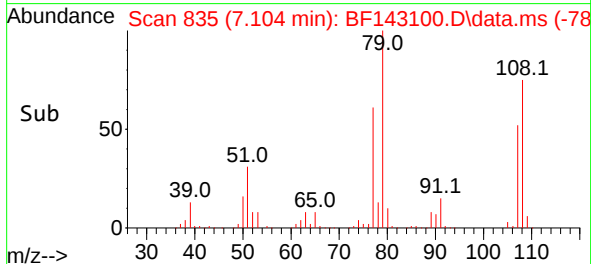
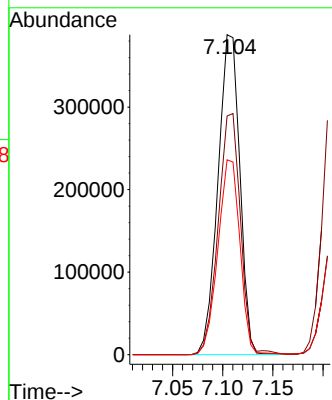
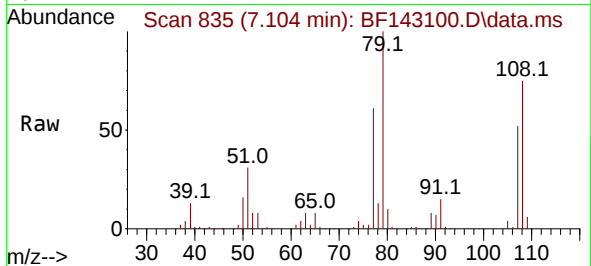


#15
Benzyl Alcohol
Concen: 76.840 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 586953

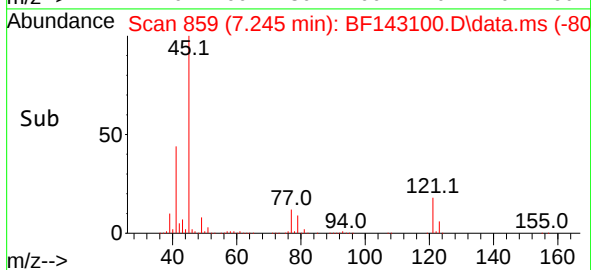
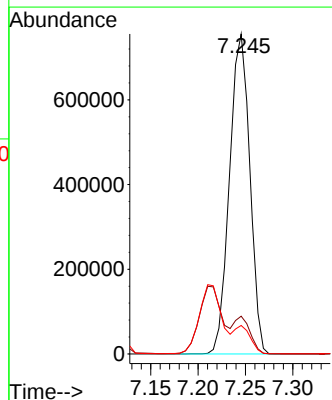
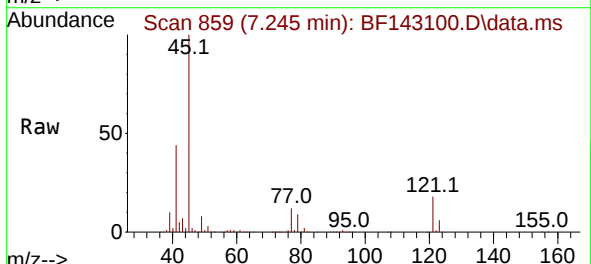
Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	60.9	49.9	74.9

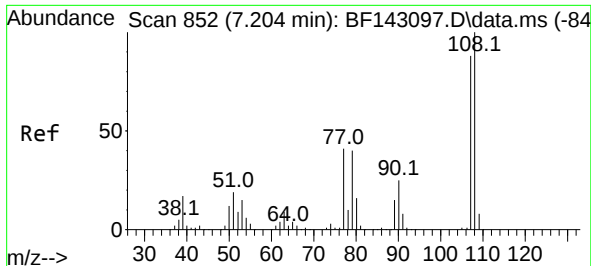


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.661 ng
RT: 7.245 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 45 Resp: 1125357

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.1
79	8.9	0.0	28.4

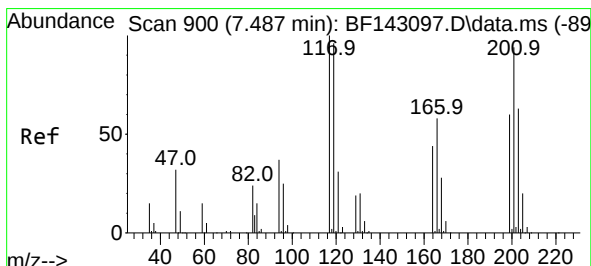
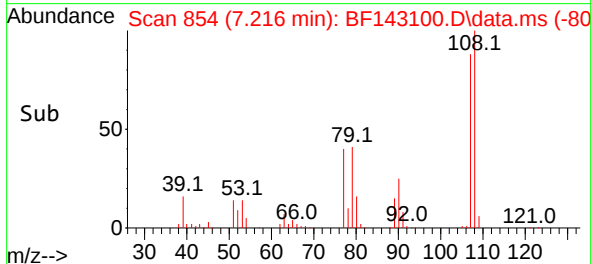
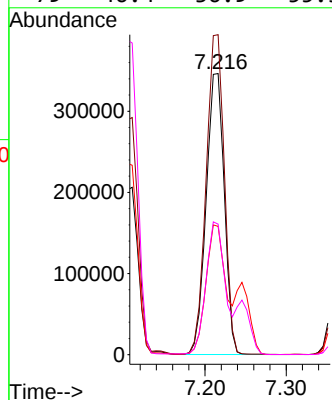
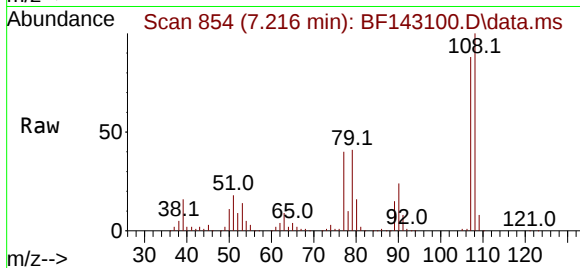




#17
2-Methylphenol
Concen: 75.438 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

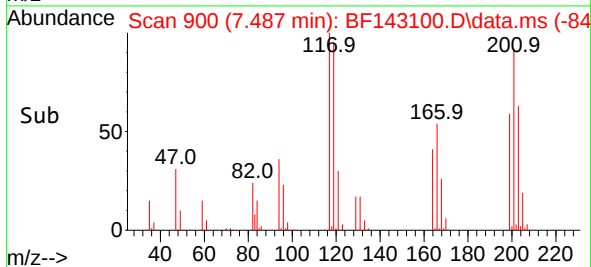
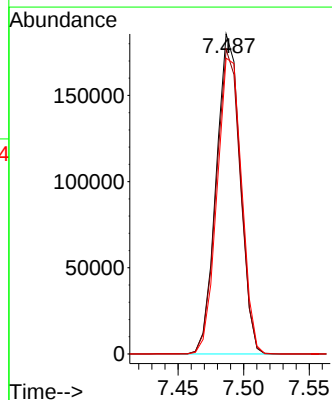
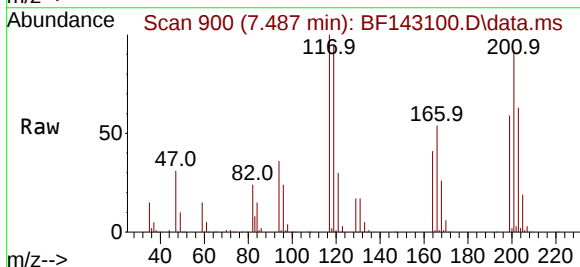
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

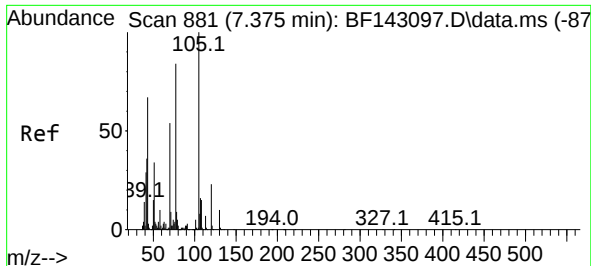
Tgt Ion:	107	Resp:	536428
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	45.6	37.5	56.3
79	46.4	36.9	55.3



#18
Hexachloroethane
Concen: 77.313 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:	117	Resp:	235713
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.7	115.1
201	92.5	75.0	112.4



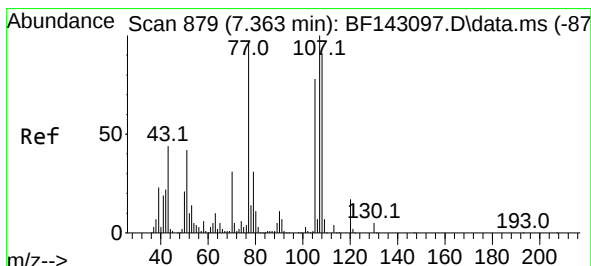
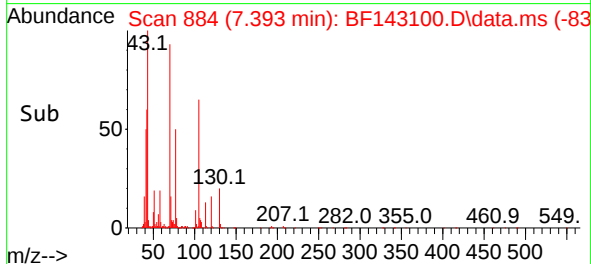
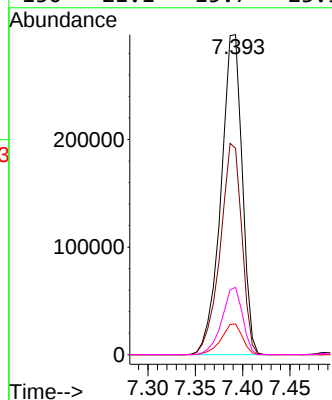
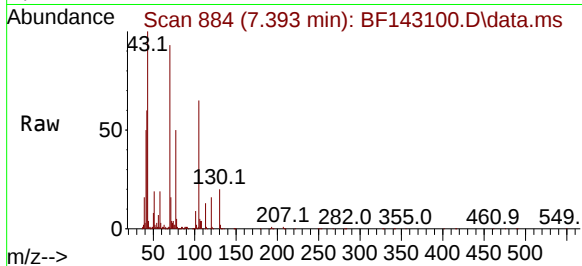


#19
n-Nitroso-di-n-propylamine
Concen: 73.578 ng
RT: 7.393 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 464705

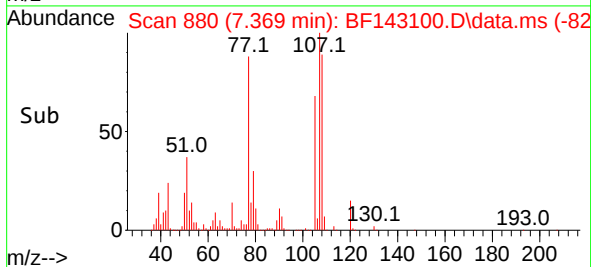
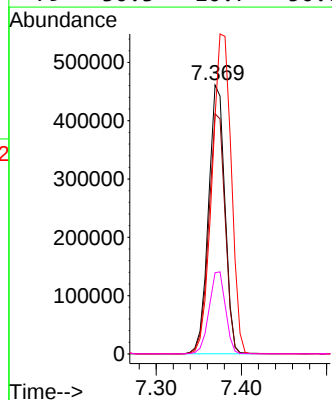
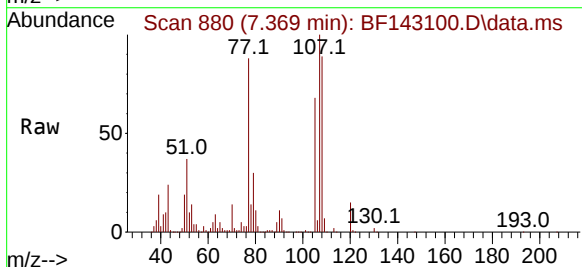
Ion	Ratio	Lower	Upper
70	100		
42	64.5	53.2	79.8
101	9.6	7.5	11.3
130	21.1	15.7	23.5

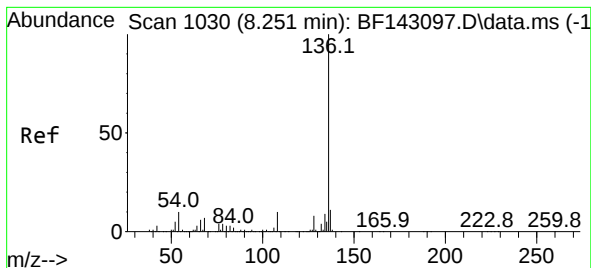


#20
3+4-Methylphenols
Concen: 70.670 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 107 Resp: 616275

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.3	111.3
77	88.3	77.2	117.2
79	30.3	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: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 487361

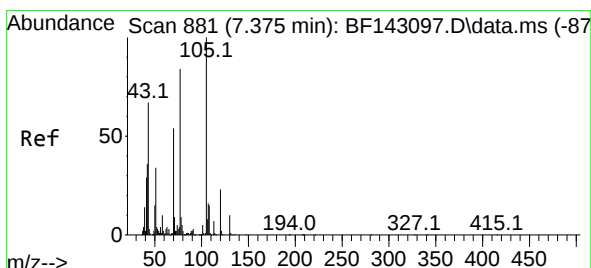
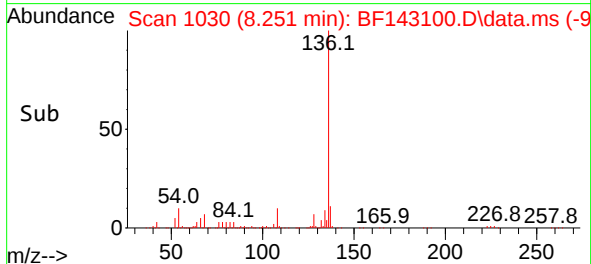
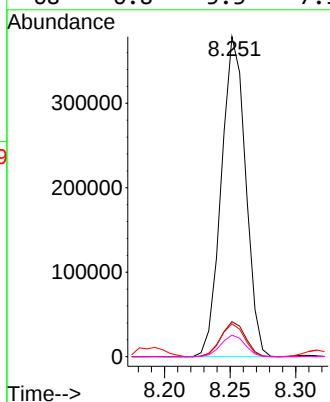
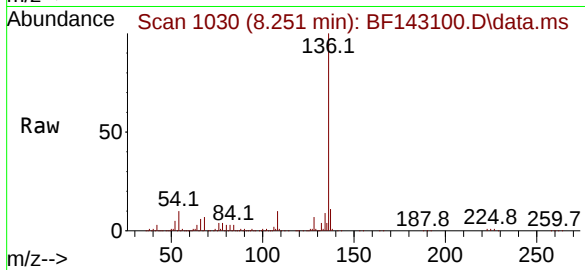
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.3 8.3 12.5

68 6.8 5.3 7.9



#22

Acetophenone

Concen: 69.563 ng

RT: 7.381 min Scan# 882

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Tgt Ion:105 Resp: 817243

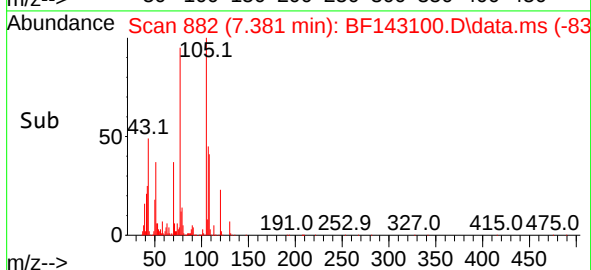
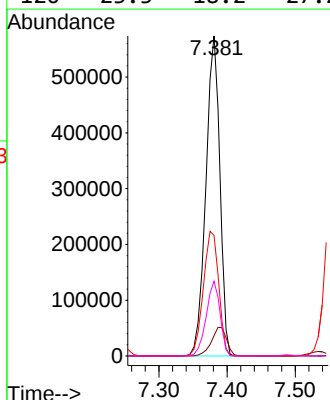
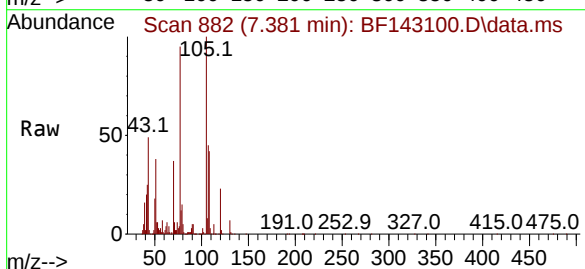
Ion Ratio Lower Upper

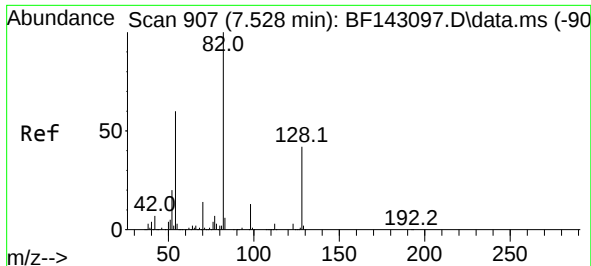
105 100

71 6.4 7.2 10.8#

51 37.7 27.0 40.4

120 23.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 165.933 ng

RT: 7.534 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

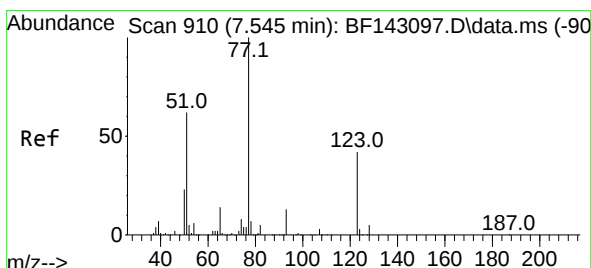
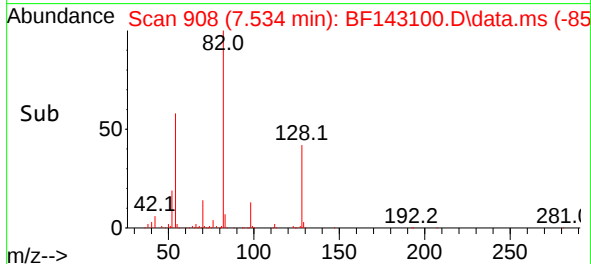
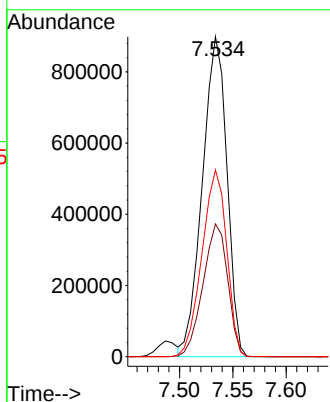
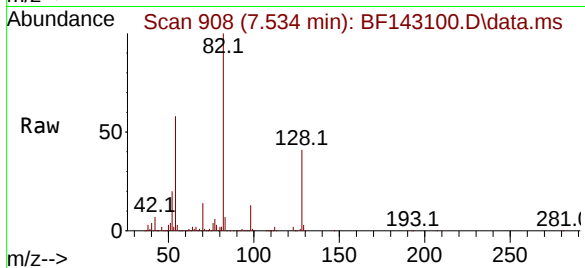
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1441614

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	58.4	47.4	71.2



#24

Nitrobenzene

Concen: 80.671 ng

RT: 7.551 min Scan# 911

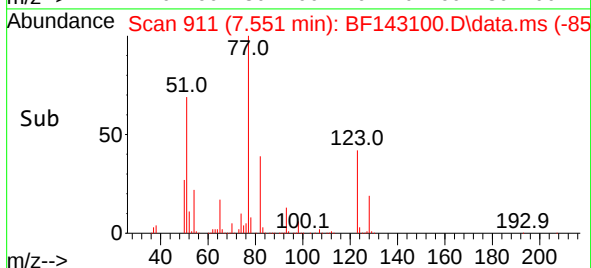
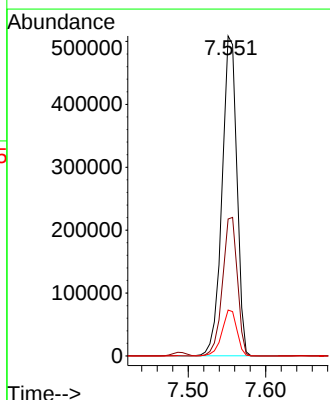
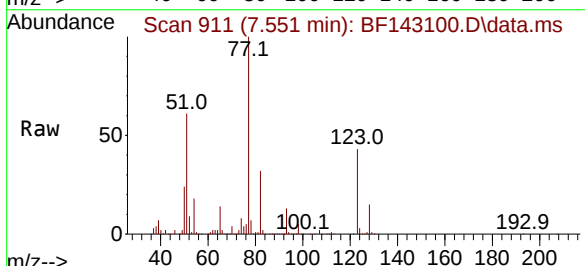
Delta R.T. 0.006 min

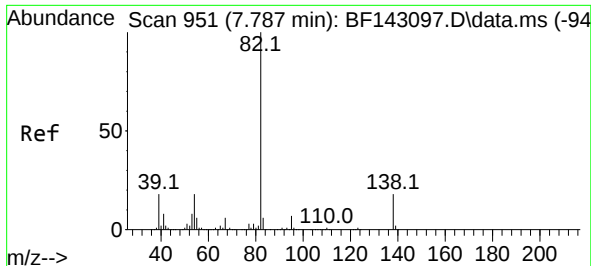
Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Tgt Ion: 77 Resp: 676569

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.5	51.7
65	14.3	11.3	16.9

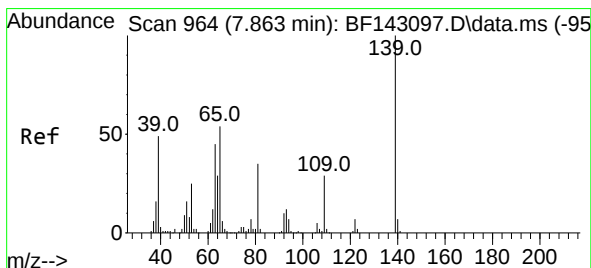
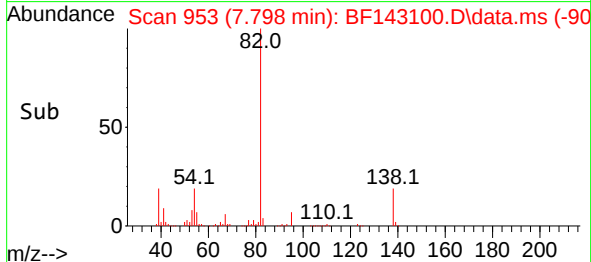
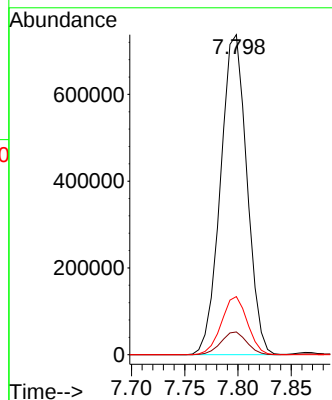
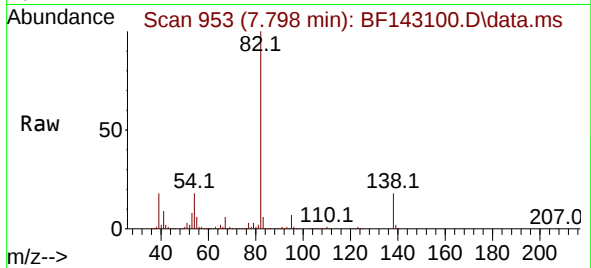




#25
Isophorone
Concen: 75.573 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

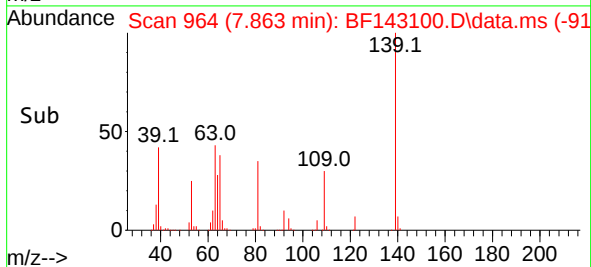
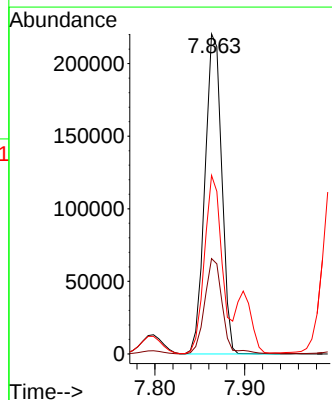
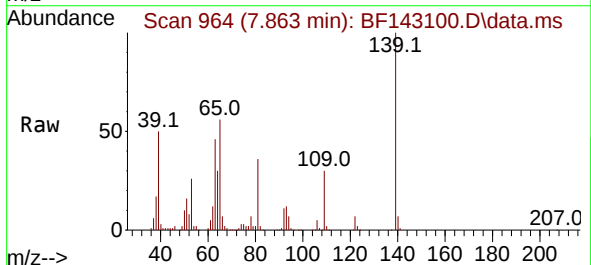
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

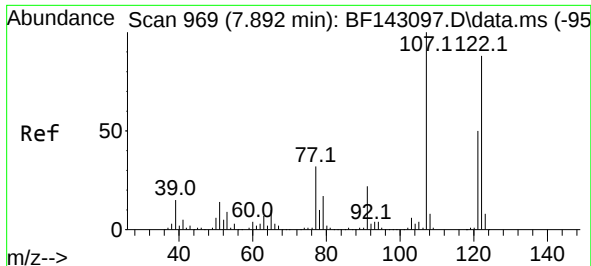
Tgt Ion: 82 Resp: 1269015
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.2 14.3 21.5



#26
2-Nitrophenol
Concen: 82.598 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:139 Resp: 287169
Ion Ratio Lower Upper
139 100
109 29.8 23.4 35.0
65 55.8 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 74.683 ng

RT: 7.898 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

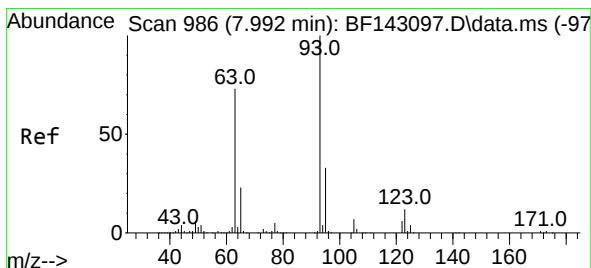
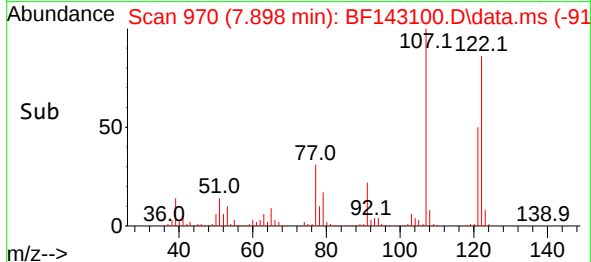
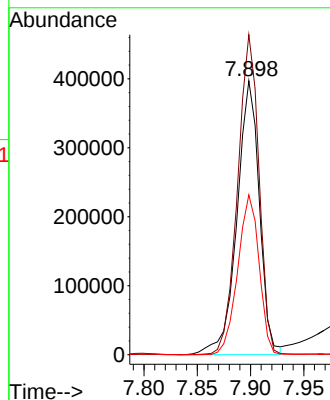
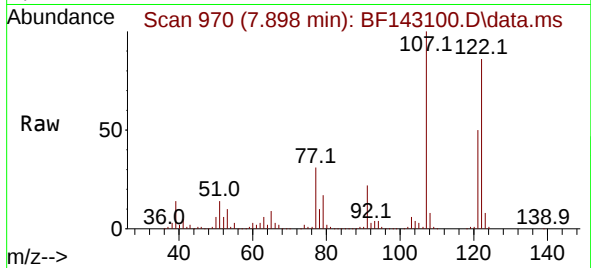
Tgt Ion:122 Resp: 582059

Ion Ratio Lower Upper

122 100

107 116.8 91.3 136.9

121 58.4 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 71.885 ng

RT: 7.998 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

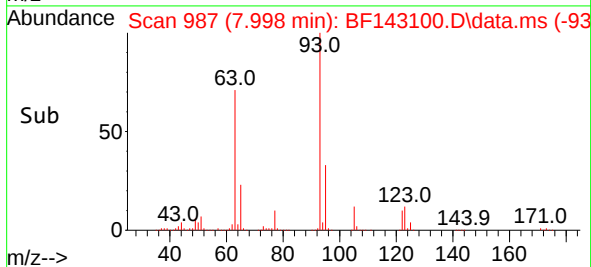
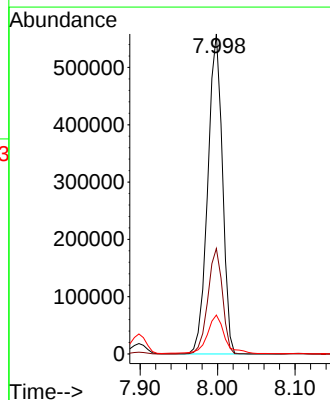
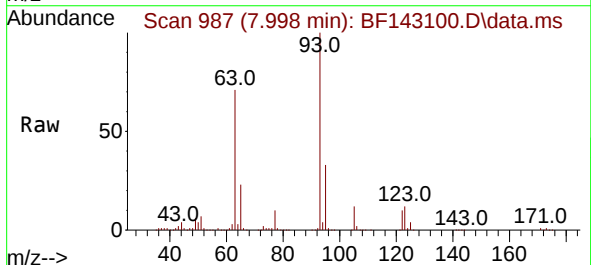
Tgt Ion: 93 Resp: 731977

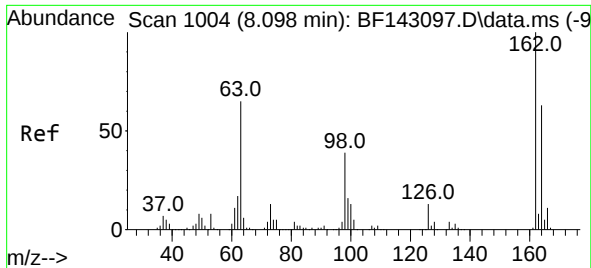
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 77.795 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

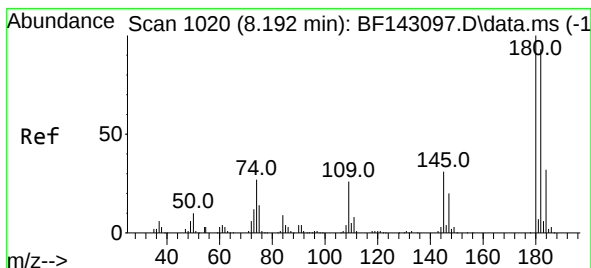
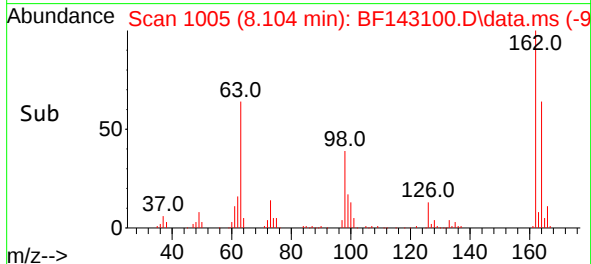
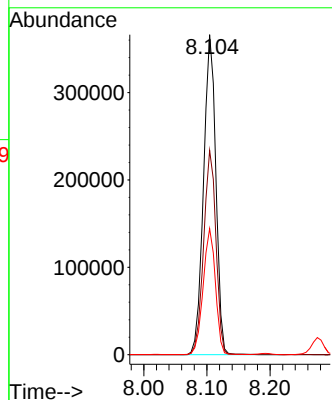
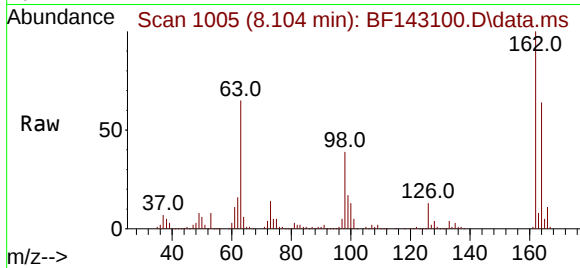
Tgt Ion:162 Resp: 496027

Ion Ratio Lower Upper

162 100

164 63.9 43.1 83.1

98 39.4 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 71.974 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

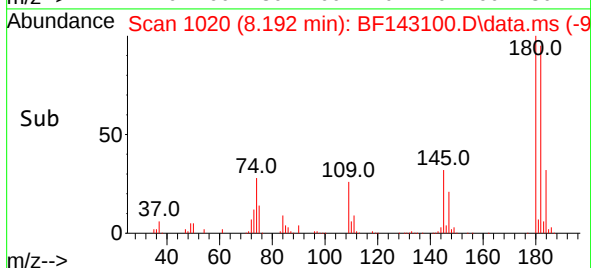
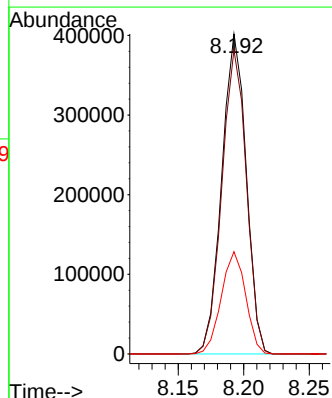
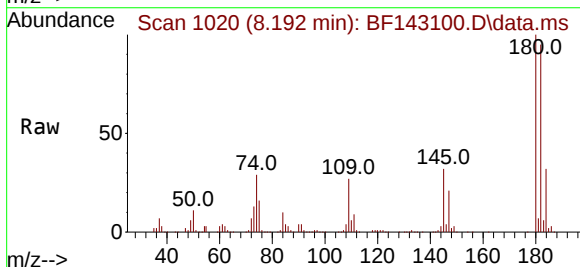
Tgt Ion:180 Resp: 520808

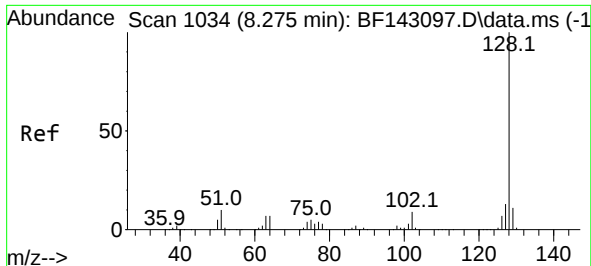
Ion Ratio Lower Upper

180 100

182 95.0 74.7 112.1

145 32.0 24.5 36.7

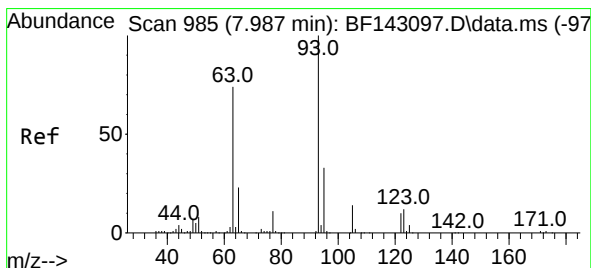
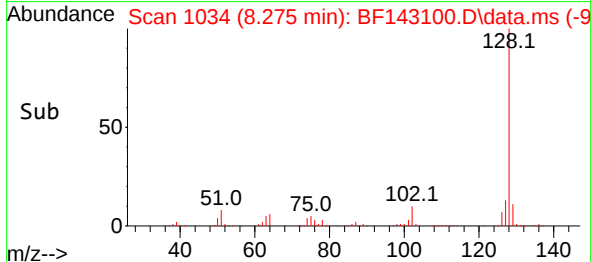
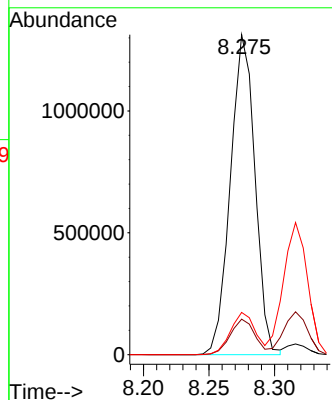
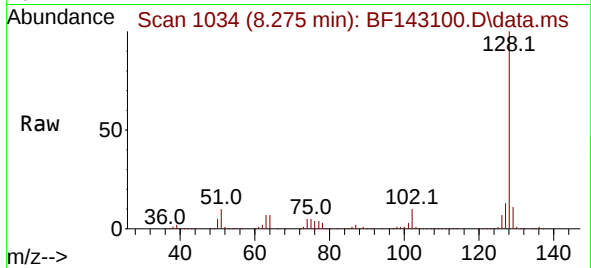




#31
Naphthalene
Concen: 70.704 ng
RT: 8.275 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

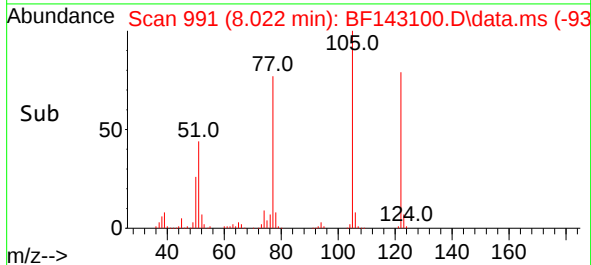
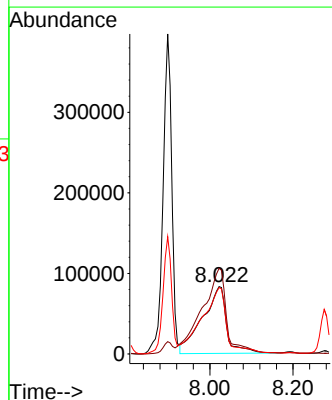
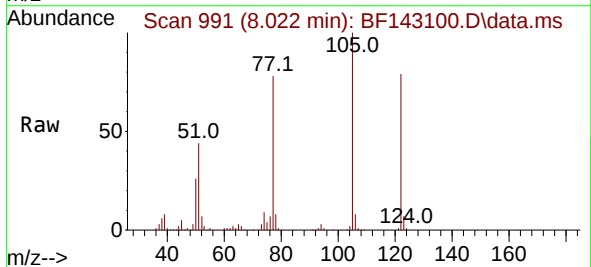
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

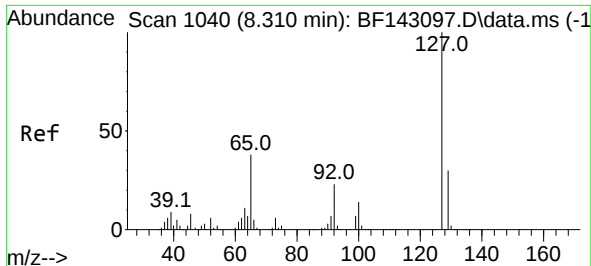
Tgt Ion:128 Resp: 1711163
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 81.374 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.035 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:122 Resp: 336178
Ion Ratio Lower Upper
122 100
105 127.0 105.4 145.4
77 98.6 78.6 118.6

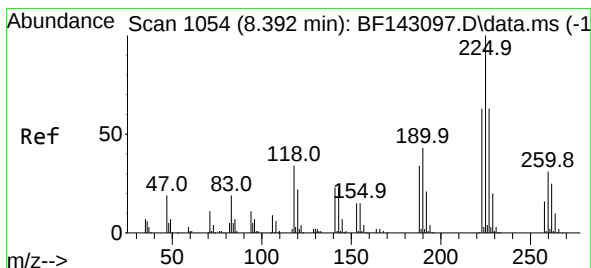
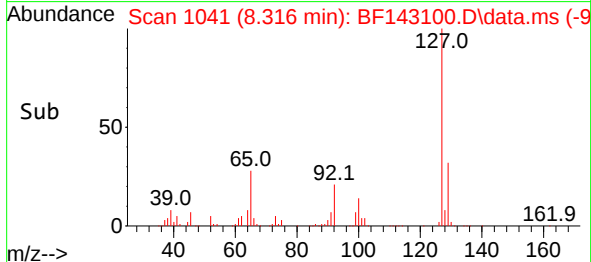
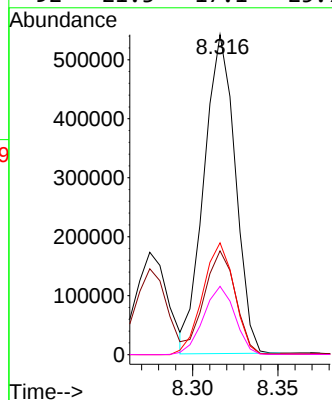
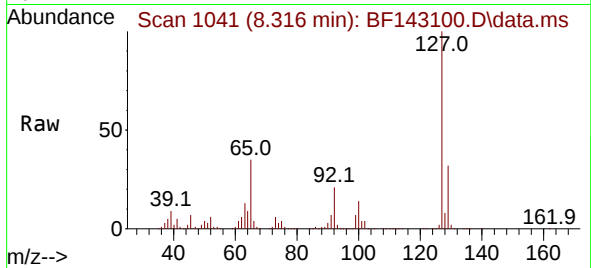




#33
4-Chloroaniline
Concen: 70.795 ng
RT: 8.316 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

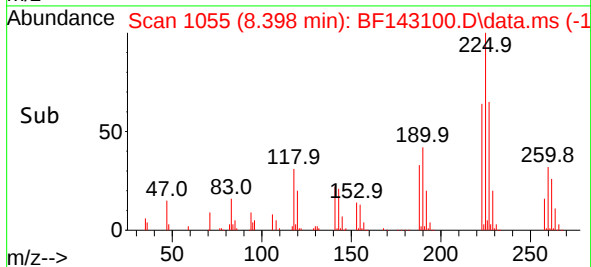
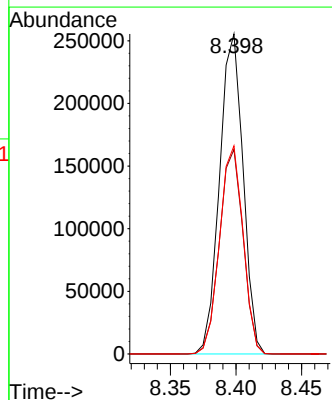
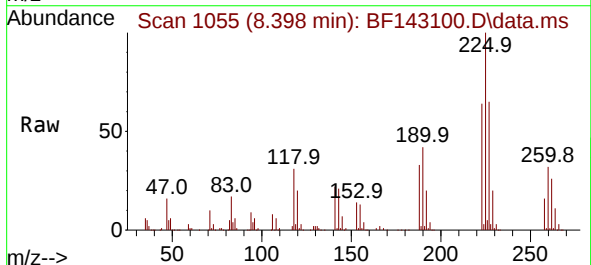
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

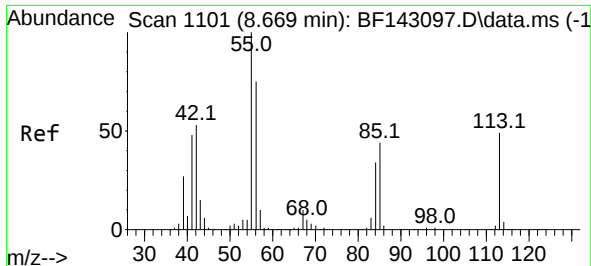
Tgt Ion:	127	Resp:	688999
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	35.0	28.6	42.8
92	21.3	17.1	25.7



#34
Hexachlorobutadiene
Concen: 73.546 ng
RT: 8.398 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:	225	Resp:	318274
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.3	75.5
227	65.0	50.1	75.1

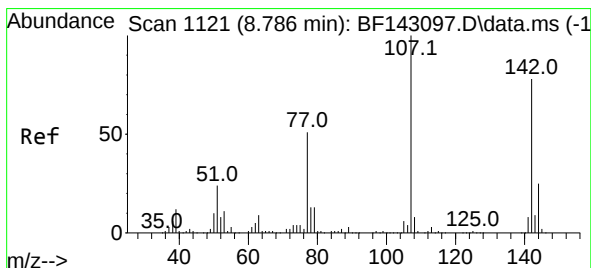
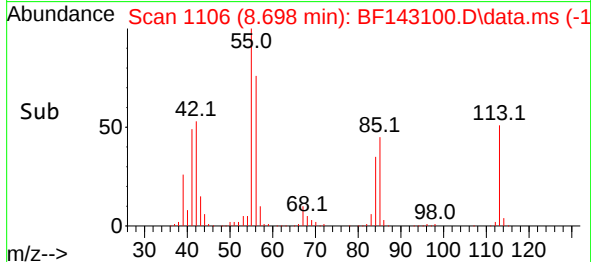
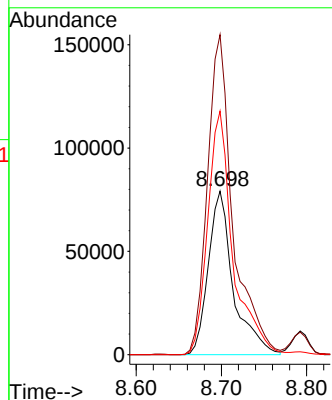
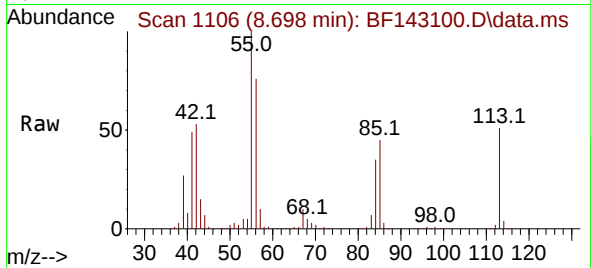




#35
 Caprolactam
 Concen: 81.097 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. 0.030 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

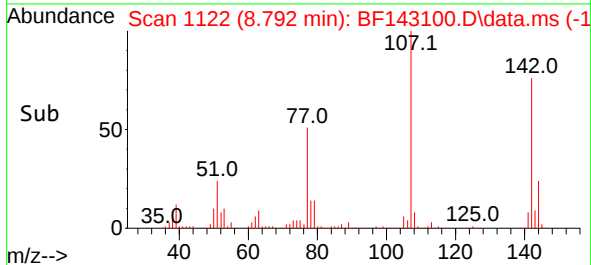
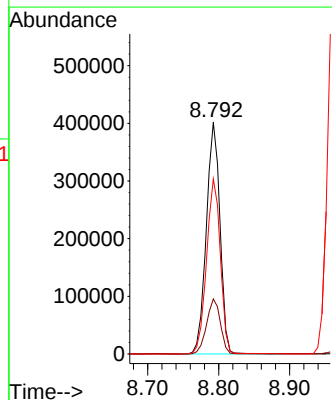
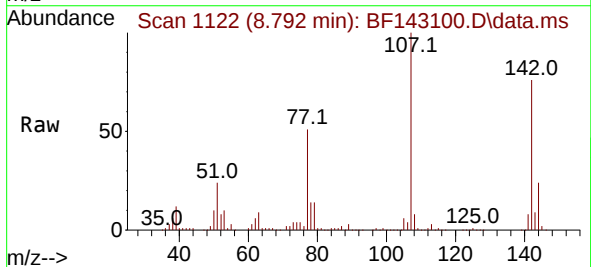
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

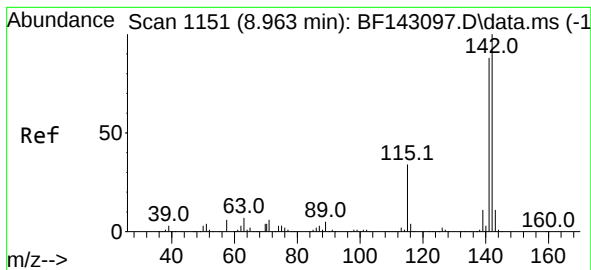
Tgt Ion:113 Resp: 161466
 Ion Ratio Lower Upper
 113 100
 55 195.6 186.2 226.2
 56 148.8 134.1 174.1



#36
 4-Chloro-3-methylphenol
 Concen: 75.937 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

Tgt Ion:107 Resp: 539340
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.2 30.2
 142 75.5 62.4 93.6





#37

2-Methylnaphthalene

Concen: 70.738 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

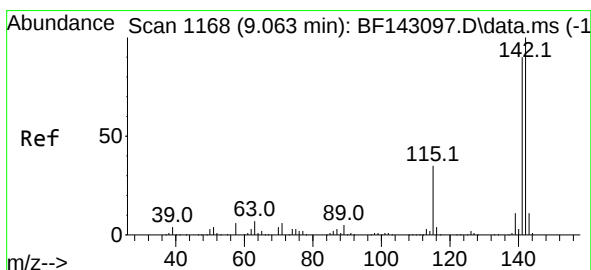
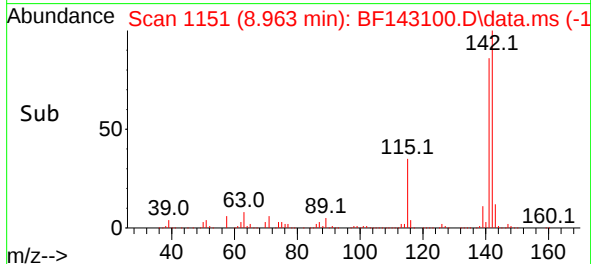
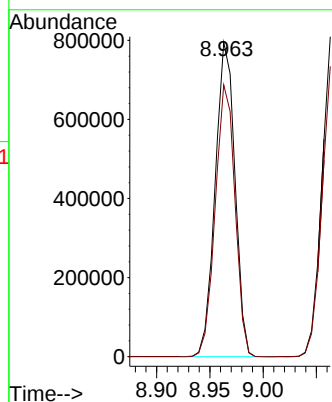
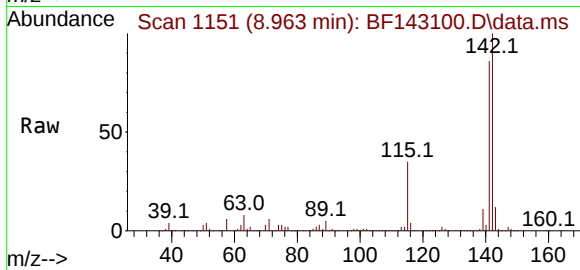
SSTDICC080

Tgt Ion:142 Resp: 1021312

Ion Ratio Lower Upper

142 100

141 86.4 70.2 105.2



#38

1-Methylnaphthalene

Concen: 69.955 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF143100.D

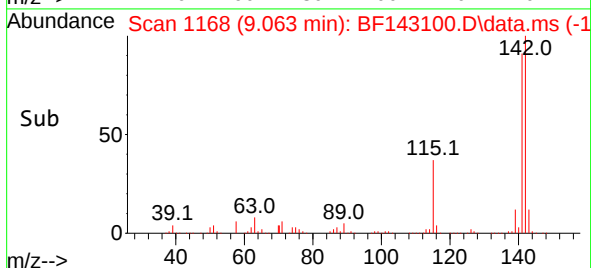
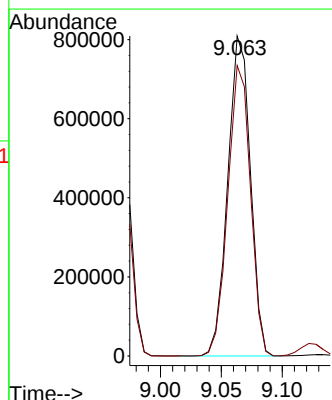
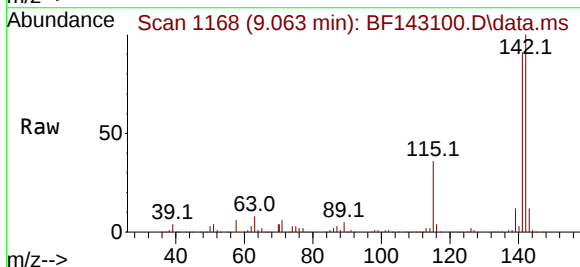
Acq: 15 Jul 2025 16:35

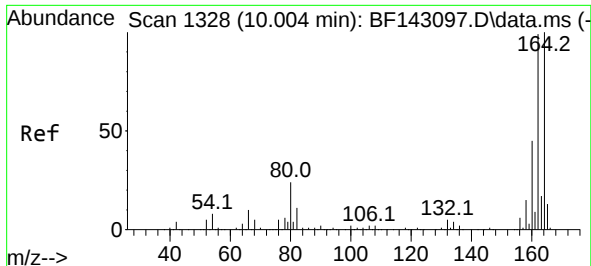
Tgt Ion:142 Resp: 1047560

Ion Ratio Lower Upper

142 100

141 90.7 72.2 108.4

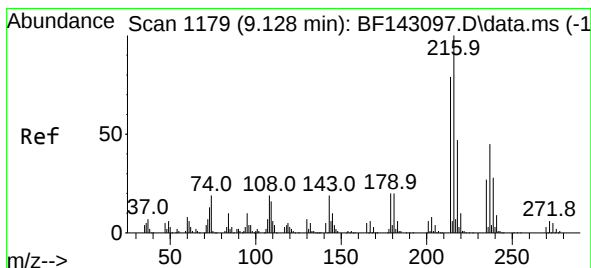
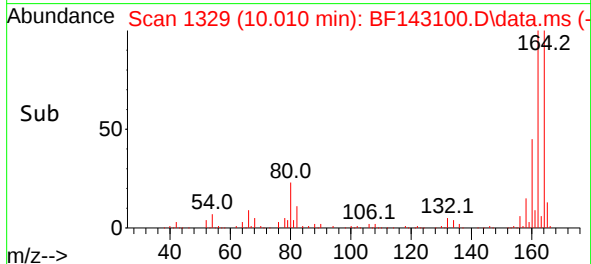
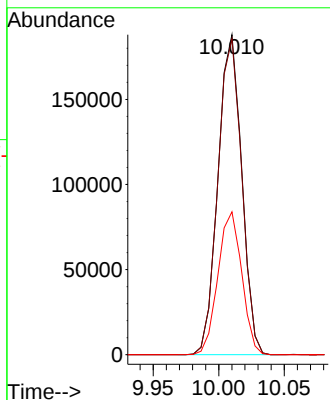
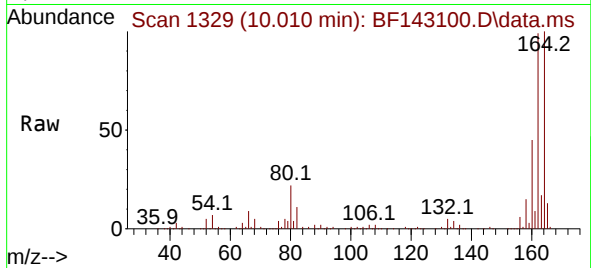




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 1180
 Delta R.T. 0.006 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

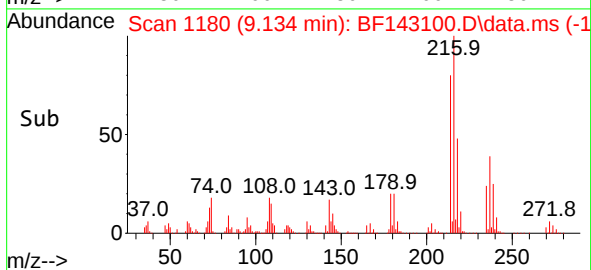
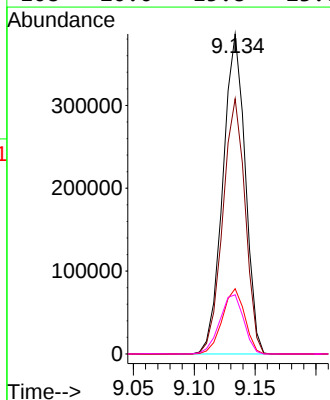
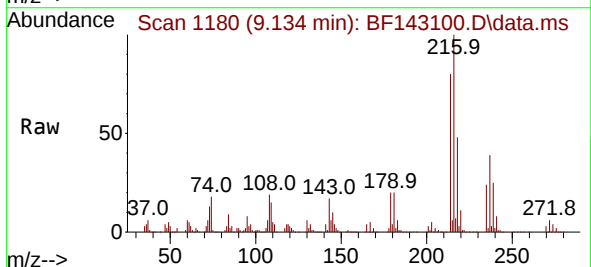
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

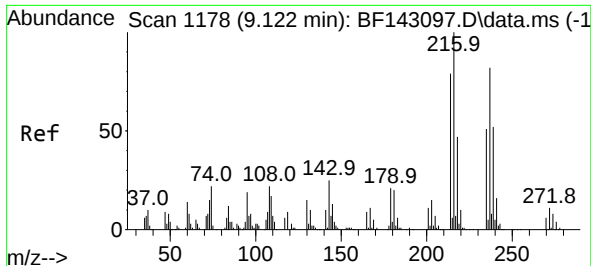
Tgt Ion:164 Resp: 236260
 Ion Ratio Lower Upper
 164 100
 162 98.7 79.0 118.6
 160 44.7 35.8 53.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 71.639 ng
 RT: 9.134 min Scan# 1180
 Delta R.T. 0.006 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

Tgt Ion:216 Resp: 493246
 Ion Ratio Lower Upper
 216 100
 214 79.8 62.6 94.0
 179 20.5 16.2 24.2
 108 20.0 15.8 23.6

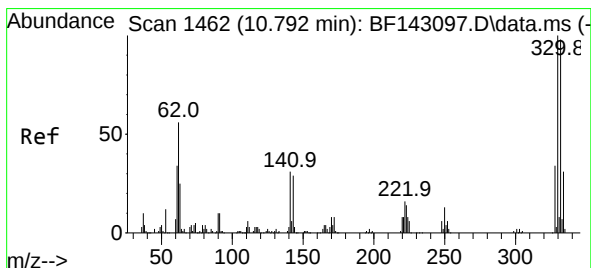
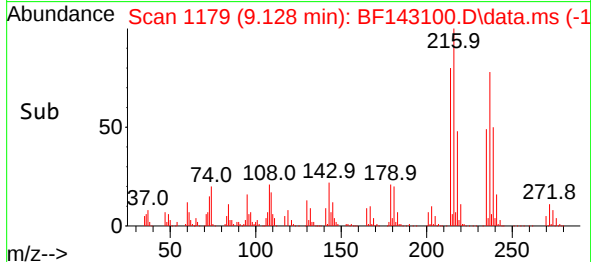
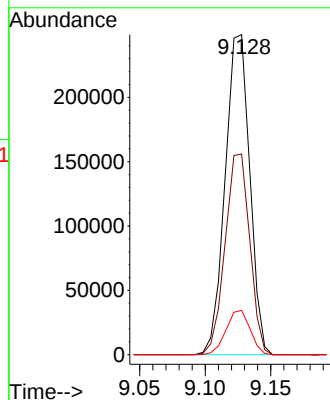
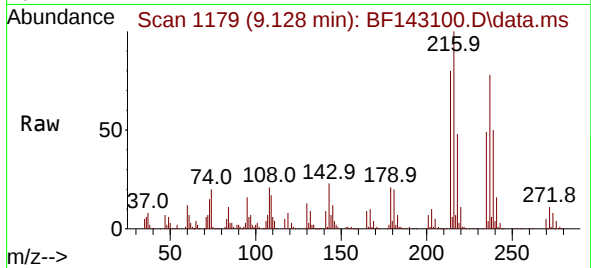




#41
Hexachlorocyclopentadiene
Concen: 85.103 ng
RT: 9.128 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

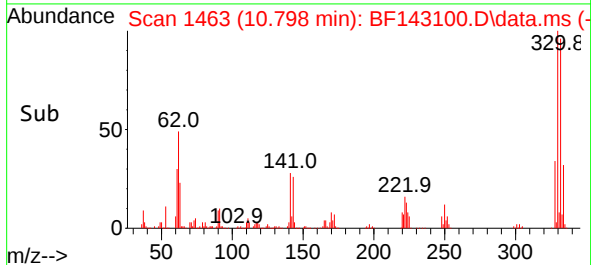
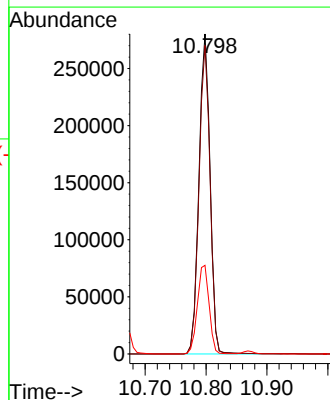
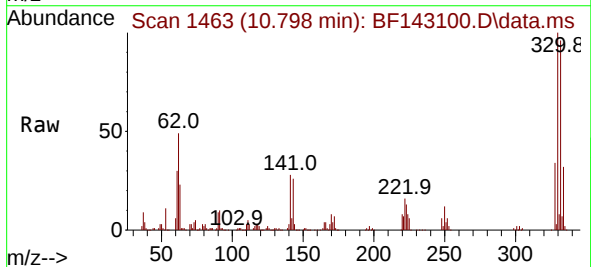
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

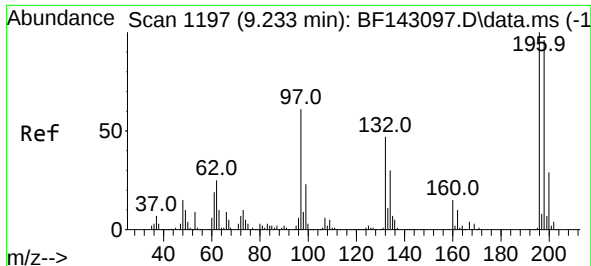
Tgt Ion:237 Resp: 324865
Ion Ratio Lower Upper
237 100
235 62.7 41.6 81.6
272 13.8 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 168.911 ng
RT: 10.798 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:330 Resp: 355830
Ion Ratio Lower Upper
330 100
332 96.3 77.9 116.9
141 29.2 25.9 38.9

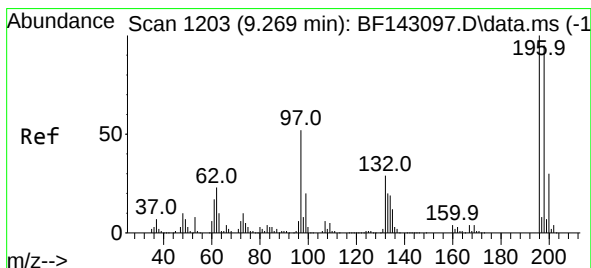
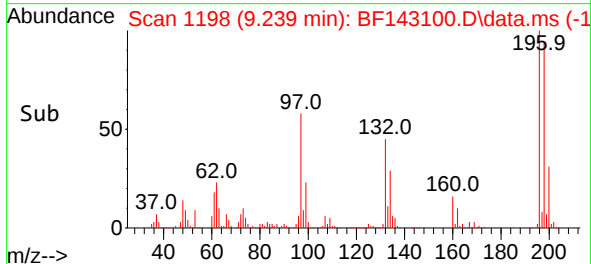
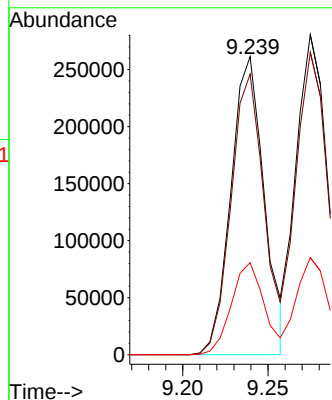
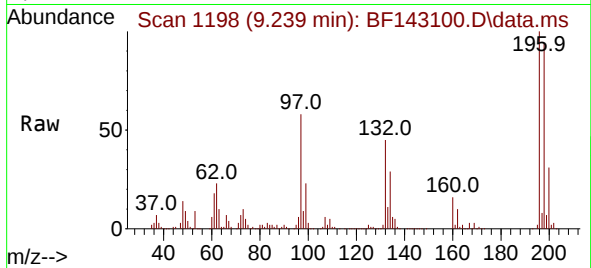




#43
2,4,6-Trichlorophenol
Concen: 83.176 ng
RT: 9.239 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

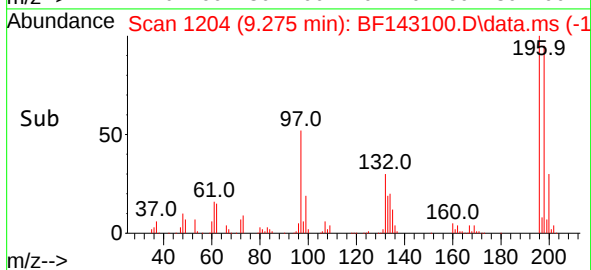
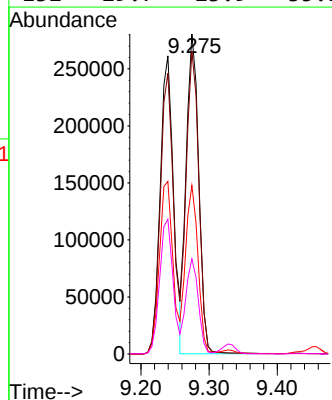
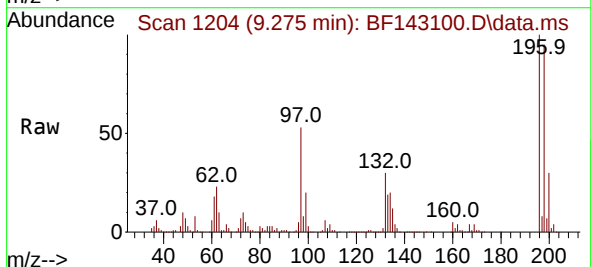
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

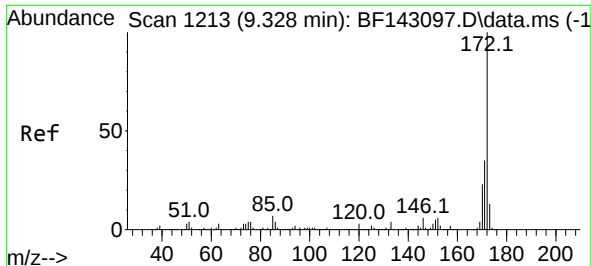
Tgt Ion:196 Resp: 355839
Ion Ratio Lower Upper
196 100
198 94.1 76.9 115.3
200 30.9 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 79.651 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:196 Resp: 357298
Ion Ratio Lower Upper
196 100
198 94.5 76.4 114.6
97 52.7 42.4 63.6
132 29.7 23.9 35.9

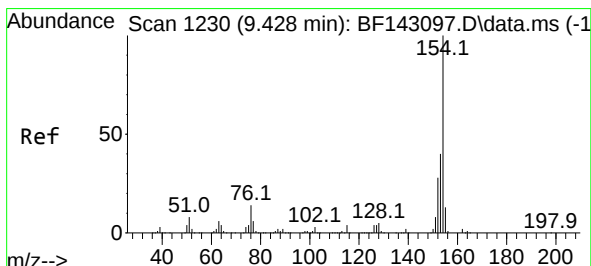
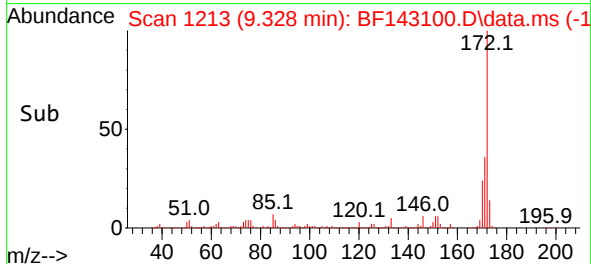
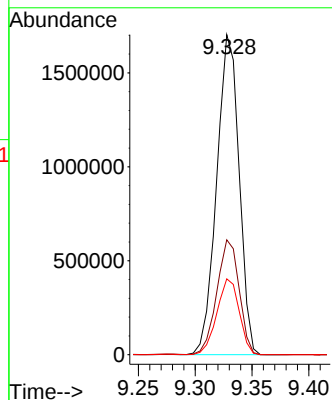
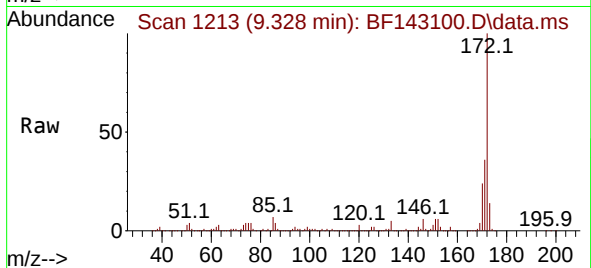




#45
2-Fluorobiphenyl
Concen: 131.609 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

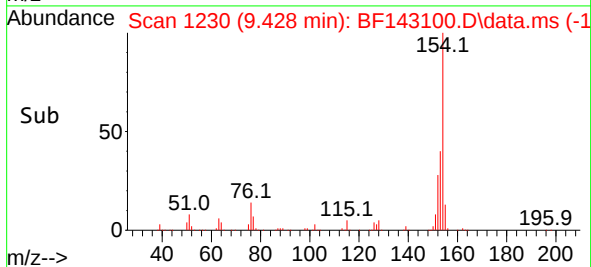
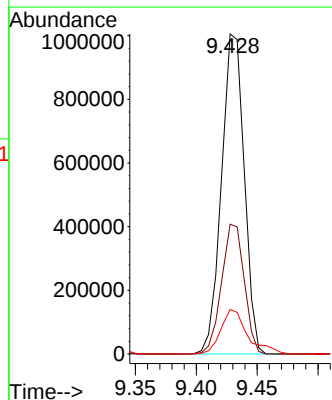
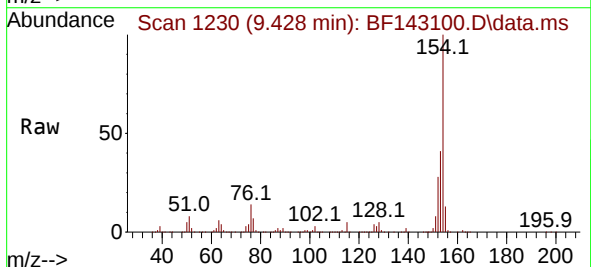
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

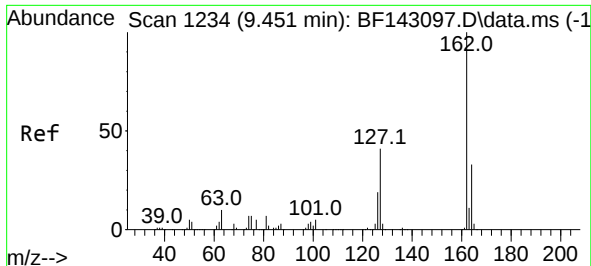
Tgt Ion:172 Resp: 2339151
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 69.419 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:154 Resp: 1307947
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 13.9 0.0 33.7





#47

2-Chloronaphthalene

Concen: 71.557 ng

RT: 9.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

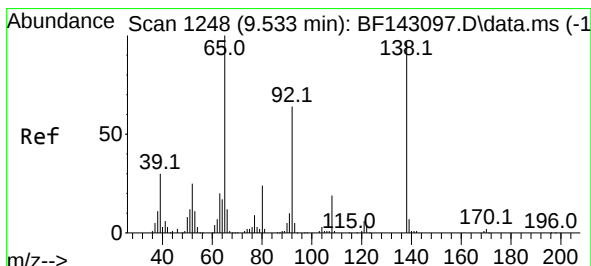
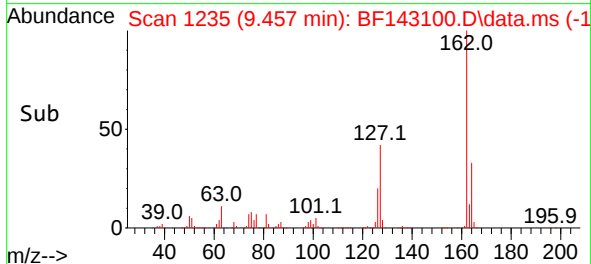
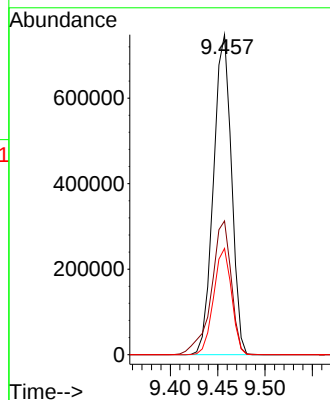
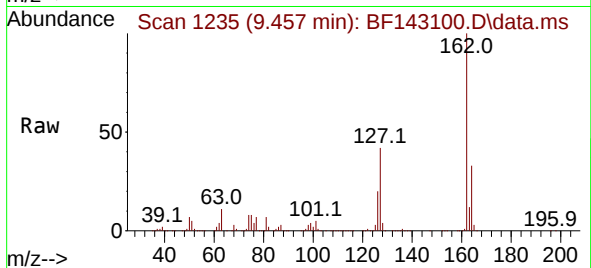
Tgt Ion:162 Resp: 990436

Ion Ratio Lower Upper

162 100

127 41.8 33.0 49.6

164 33.2 26.1 39.1



#48

2-Nitroaniline

Concen: 79.074 ng

RT: 9.539 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

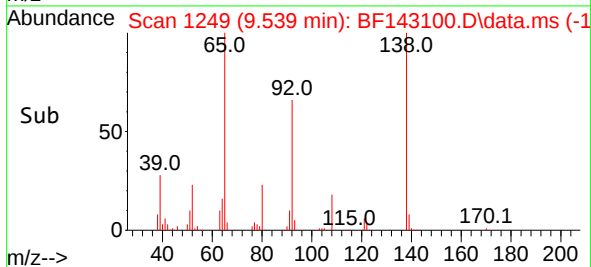
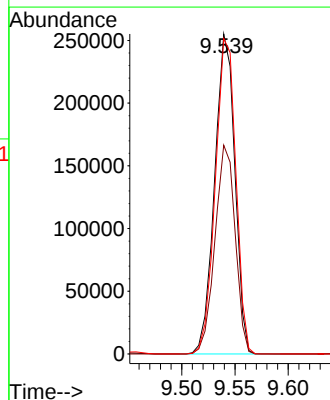
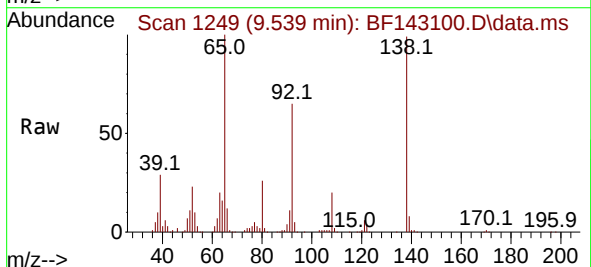
Tgt Ion: 65 Resp: 335875

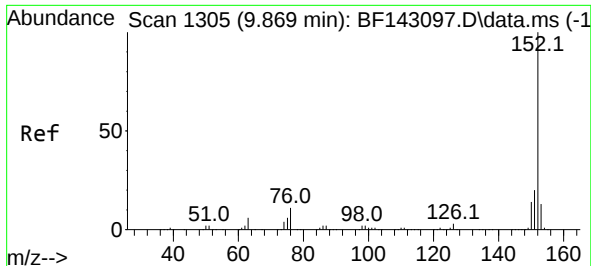
Ion Ratio Lower Upper

65 100

92 65.2 51.3 76.9

138 98.6 77.8 116.6





#49

Acenaphthylene

Concen: 71.544 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

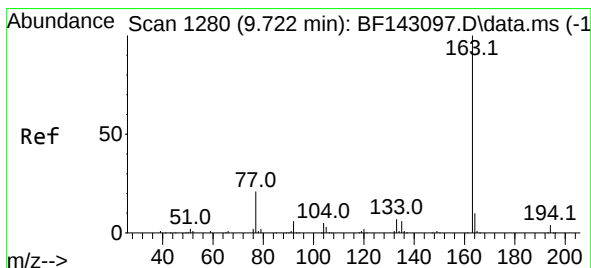
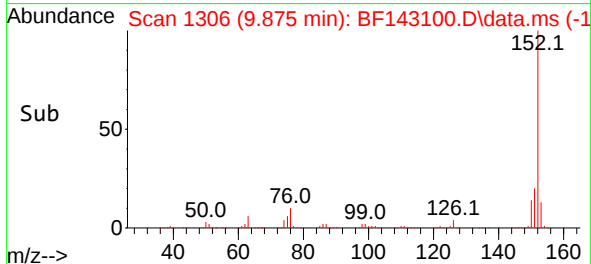
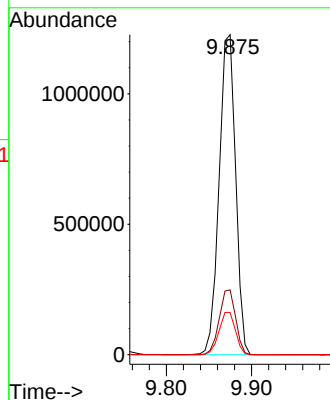
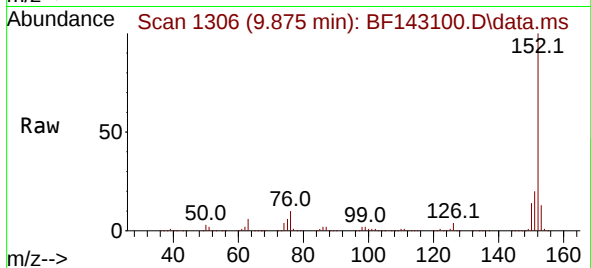
Tgt Ion:152 Resp: 1650097

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 74.327 ng

RT: 9.728 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

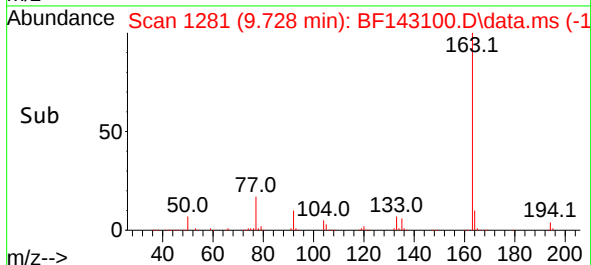
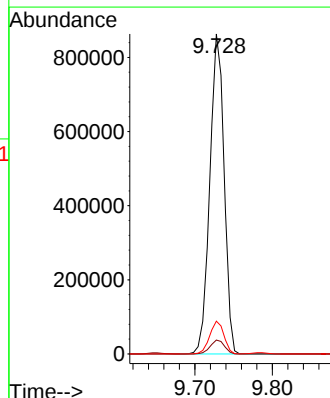
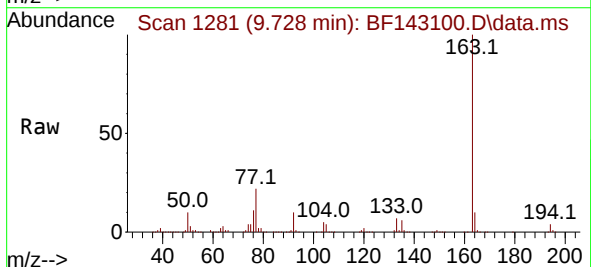
Tgt Ion:163 Resp: 1104756

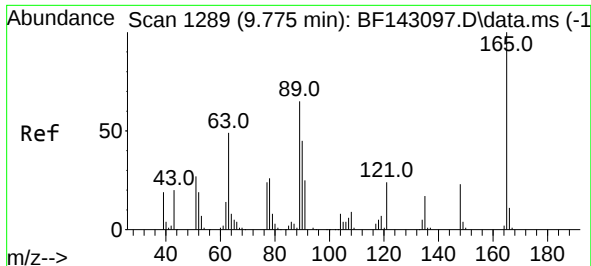
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 77.660 ng

RT: 9.787 min Scan# 1289

Delta R.T. 0.011 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

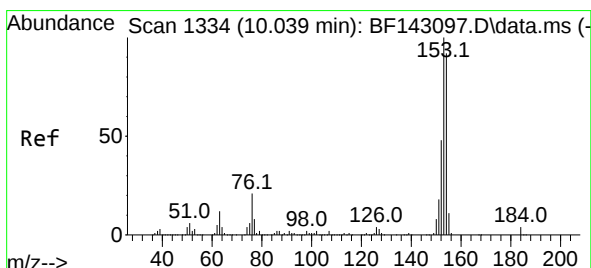
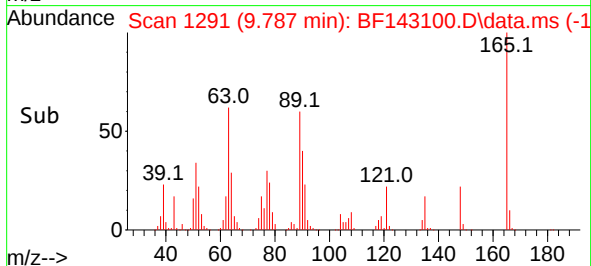
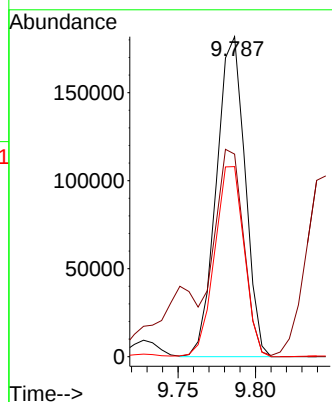
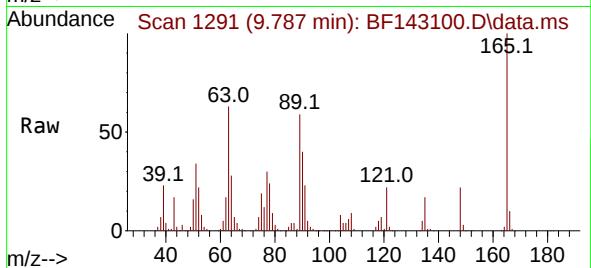
Tgt Ion:165 Resp: 233478

Ion Ratio Lower Upper

165 100

63 63.3 57.4 86.0

89 59.4 51.8 77.8



#52

Acenaphthene

Concen: 71.657 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

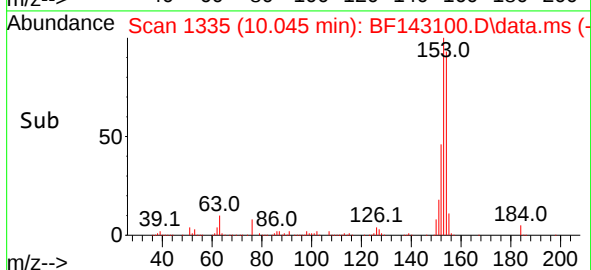
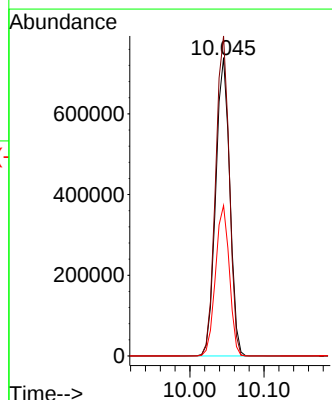
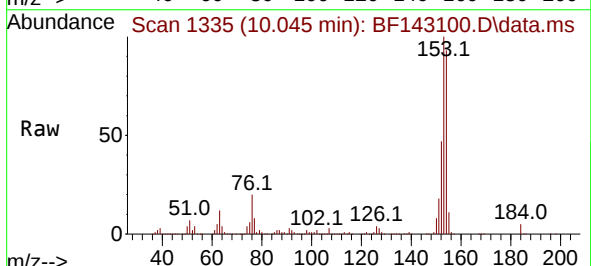
Tgt Ion:154 Resp: 975285

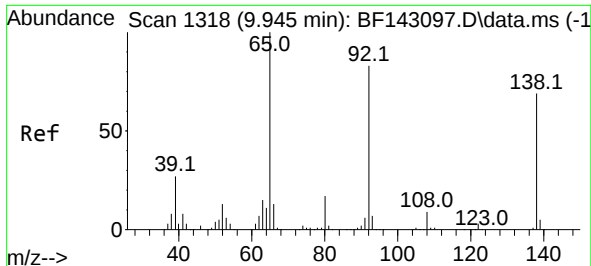
Ion Ratio Lower Upper

154 100

153 107.3 86.7 130.1

152 50.5 41.4 62.2

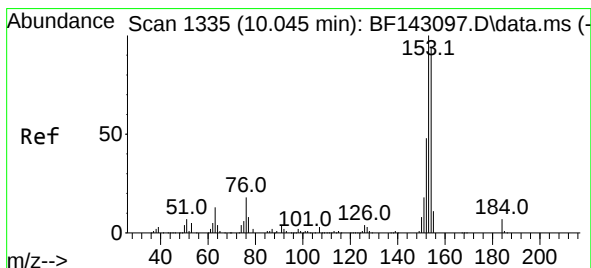
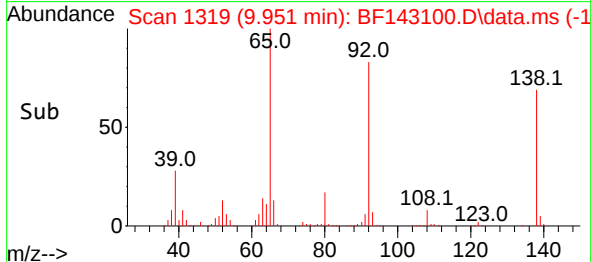
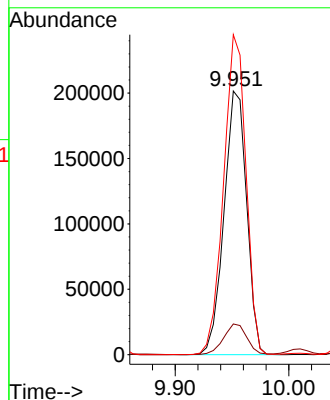
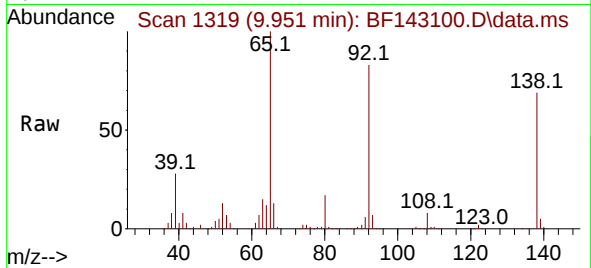




#53
3-Nitroaniline
Concen: 86.920 ng
RT: 9.951 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

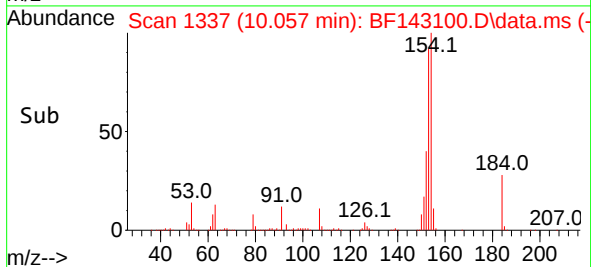
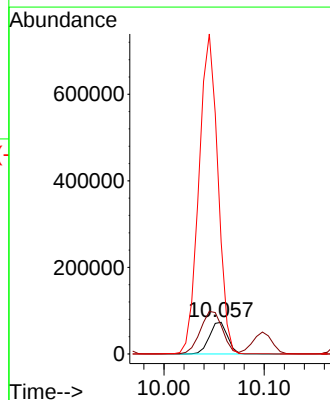
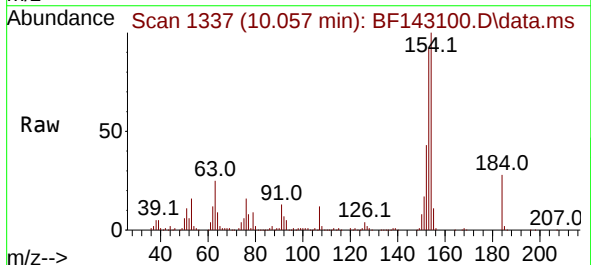
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

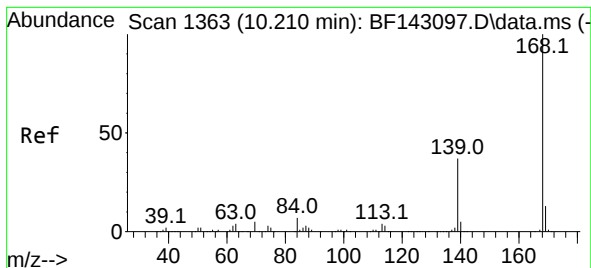
Tgt Ion:138 Resp: 279161
Ion Ratio Lower Upper
138 100
108 11.6 10.1 15.1
92 121.4 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 79.064 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:184 Resp: 91751
Ion Ratio Lower Upper
184 100
63 89.3 149.3 223.9#
154 352.7 1048.0 1572.0#





#55

Dibenzenofuran

Concen: 70.610 ng

RT: 10.216 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

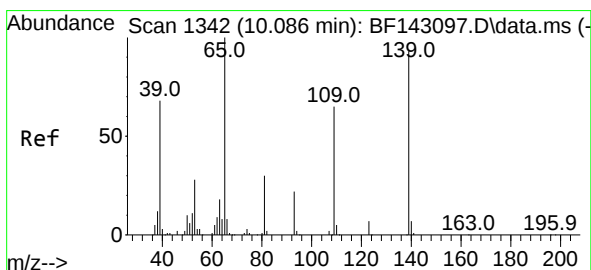
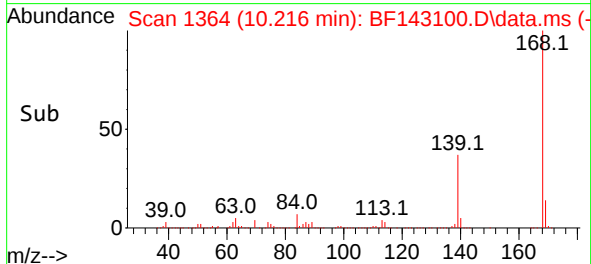
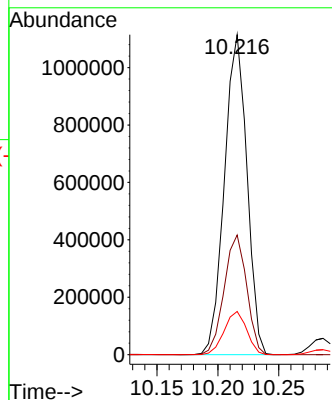
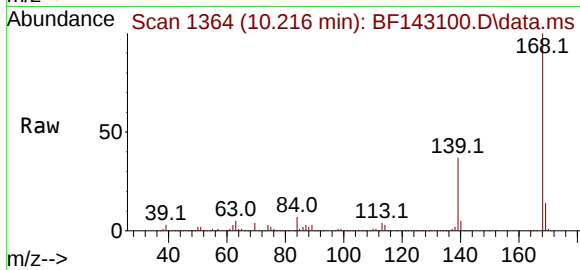
Tgt Ion:168 Resp: 1432458

Ion Ratio Lower Upper

168 100

139 37.4 29.8 44.6

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 85.886 ng

RT: 10.098 min Scan# 1344

Delta R.T. 0.012 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

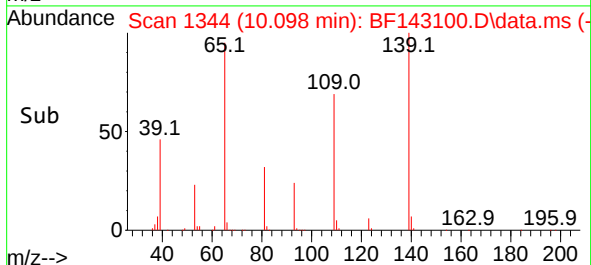
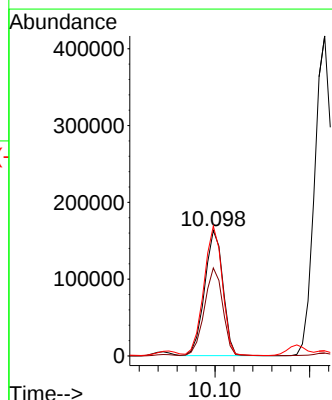
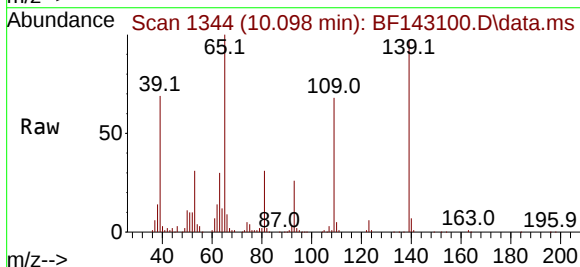
Tgt Ion:139 Resp: 219224

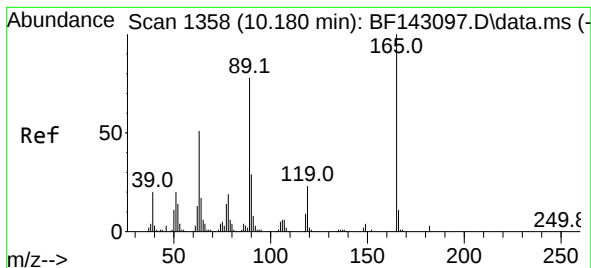
Ion Ratio Lower Upper

139 100

109 70.2 49.4 89.4

65 103.6 88.2 128.2

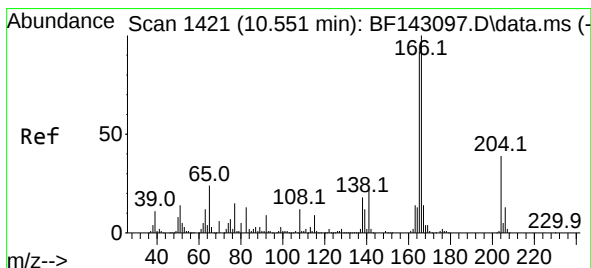
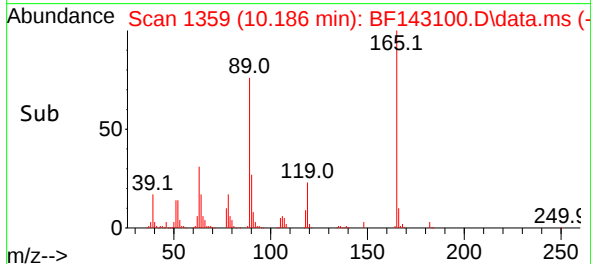
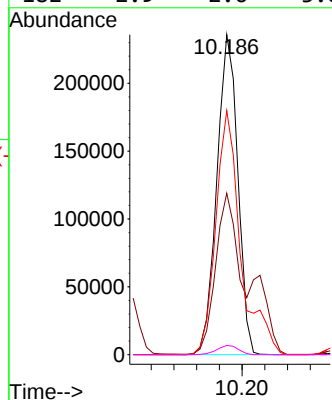
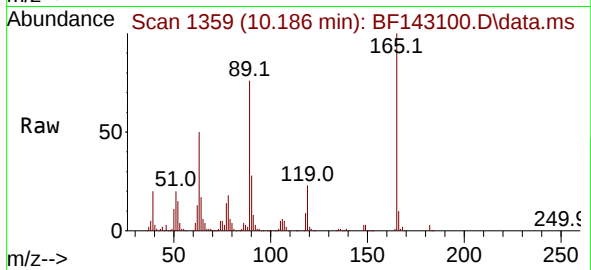




#57
2,4-Dinitrotoluene
Concen: 80.048 ng
RT: 10.186 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

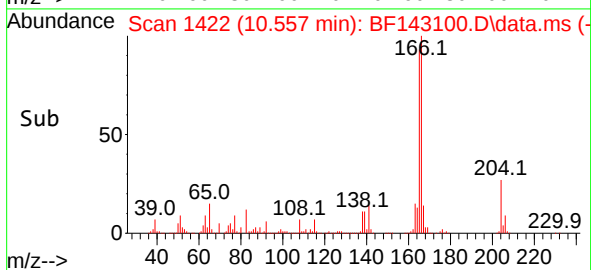
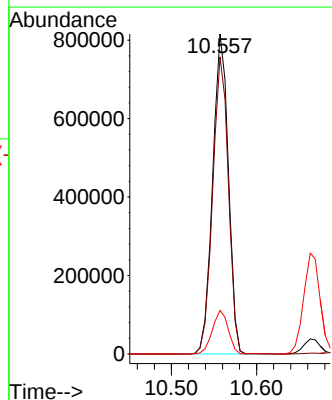
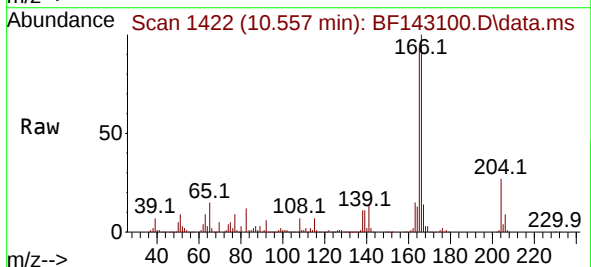
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

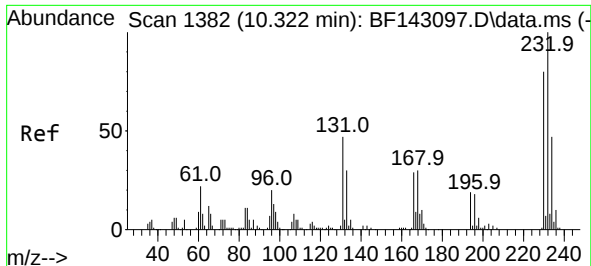
Tgt Ion:165 Resp: 302558
Ion Ratio Lower Upper
165 100
63 50.4 40.6 61.0
89 76.3 62.3 93.5
182 2.9 2.6 3.8



#58
Fluorene
Concen: 68.640 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:166 Resp: 1043990
Ion Ratio Lower Upper
166 100
165 92.9 73.7 110.5
167 13.6 10.9 16.3

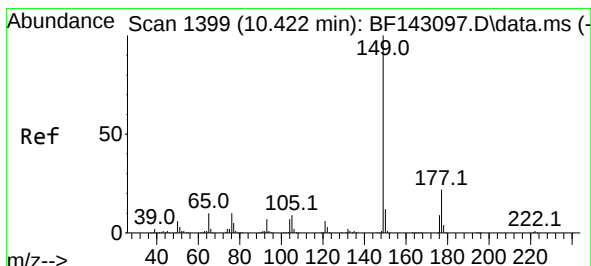
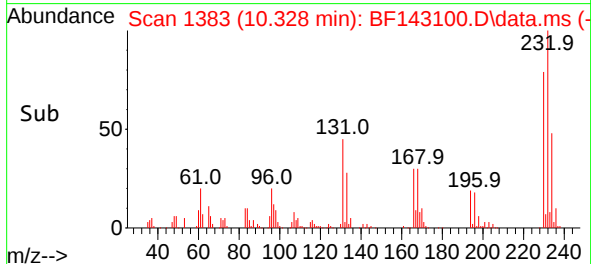
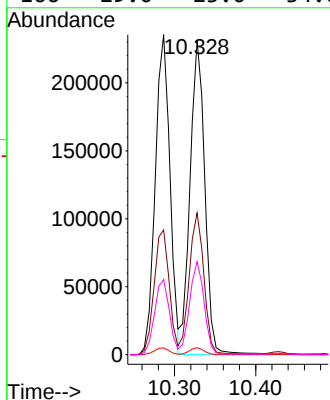
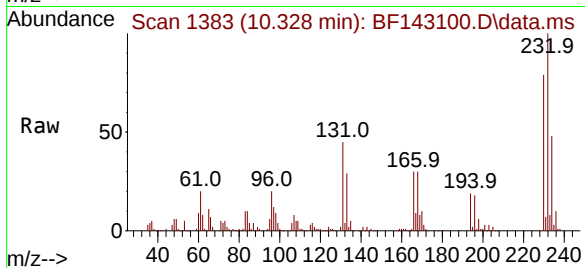




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.893 ng
RT: 10.328 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

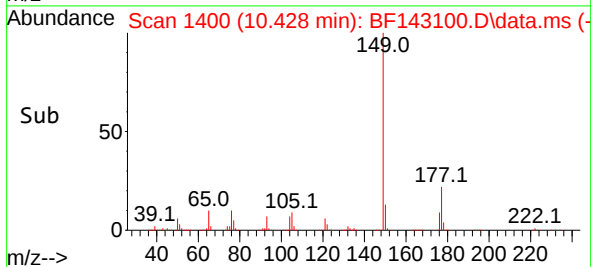
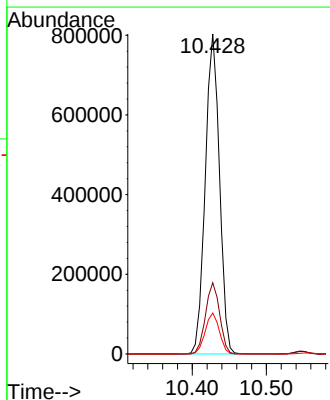
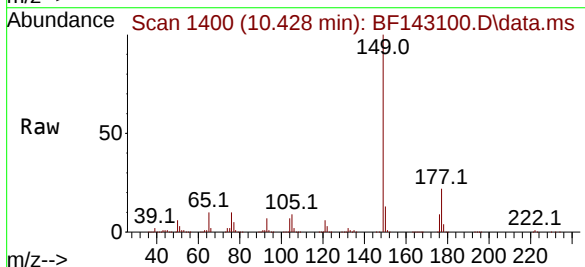
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

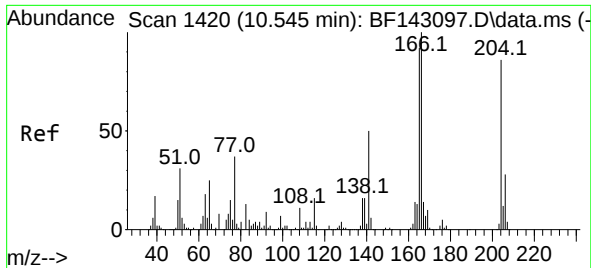
Tgt Ion:232 Resp: 291933
Ion Ratio Lower Upper
232 100
131 44.7 36.9 55.3
130 2.2 1.8 2.8
166 29.0 23.0 34.6



#60
Diethylphthalate
Concen: 74.464 ng
RT: 10.428 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 1067815
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.8 9.9 14.9

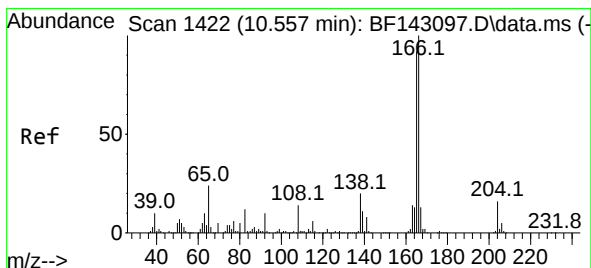
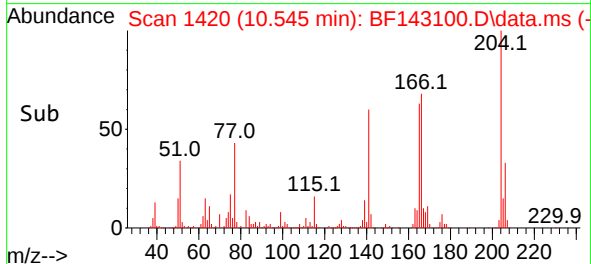
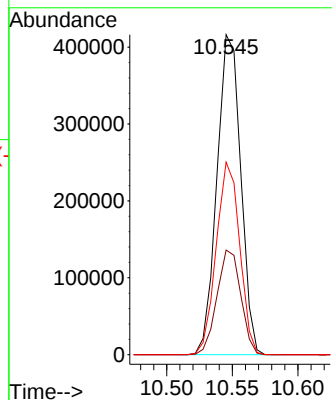
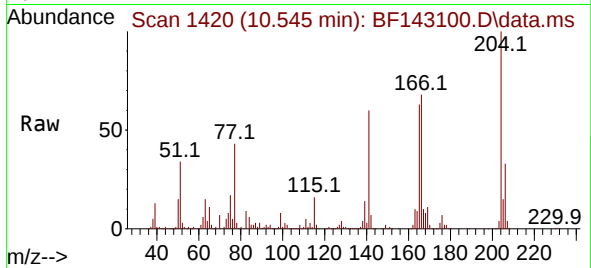




#61
4-Chlorophenyl-phenylether
Concen: 72.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

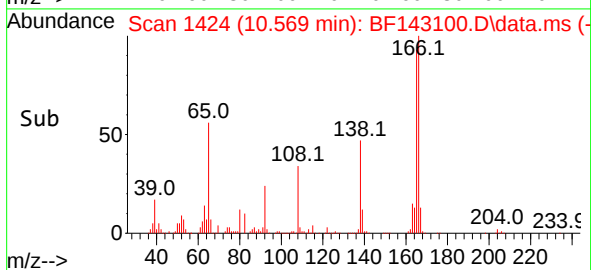
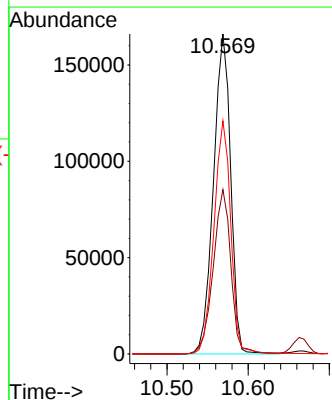
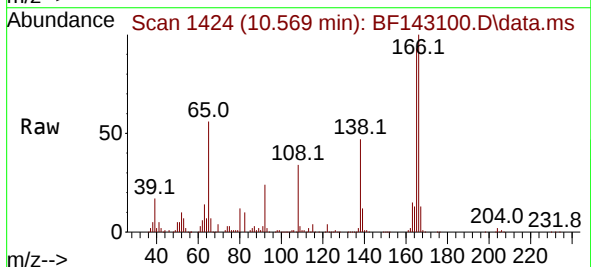
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

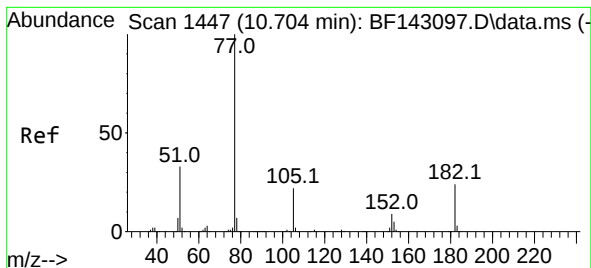
Tgt Ion:204 Resp: 524910
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 60.2 46.8 70.2



#62
4-Nitroaniline
Concen: 87.527 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:138 Resp: 244461
Ion Ratio Lower Upper
138 100
92 51.4 30.4 70.4
108 72.9 49.5 89.5





#63

Azobenzene

Concen: 71.985 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 1141613

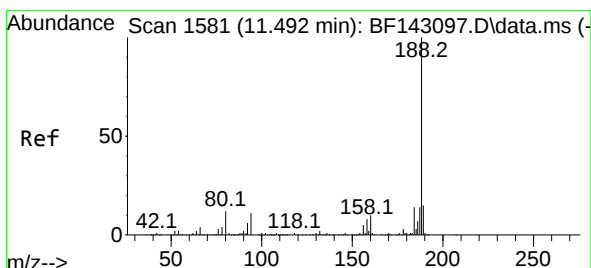
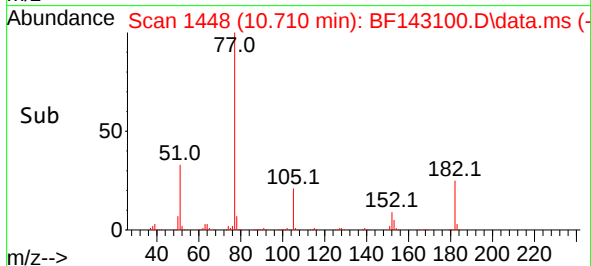
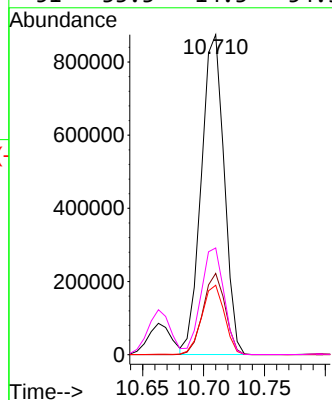
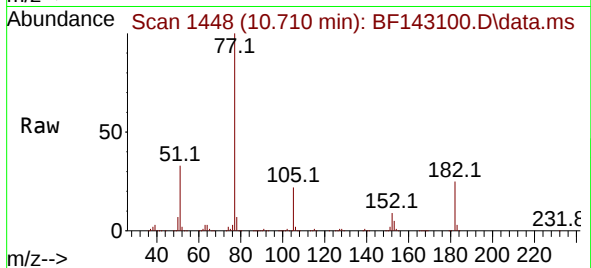
Ion Ratio Lower Upper

77 100

182 25.4 4.0 44.0

105 21.7 1.4 41.4

51 33.3 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: BF143100.D

Acq: 15 Jul 2025 16:35

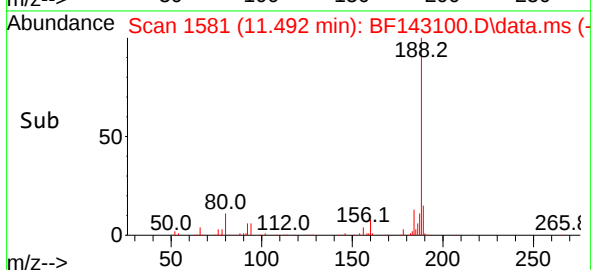
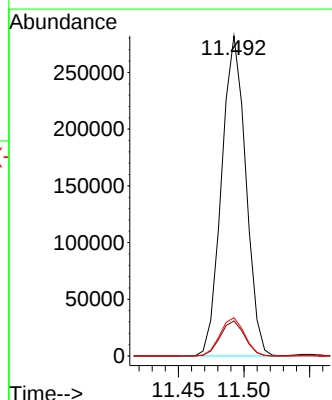
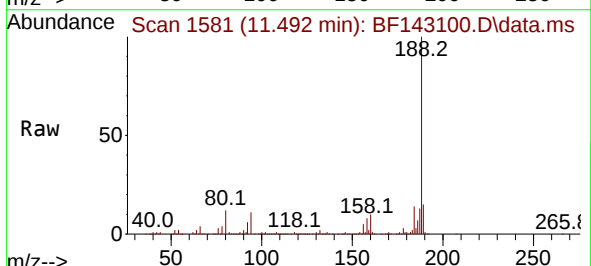
Tgt Ion:188 Resp: 362117

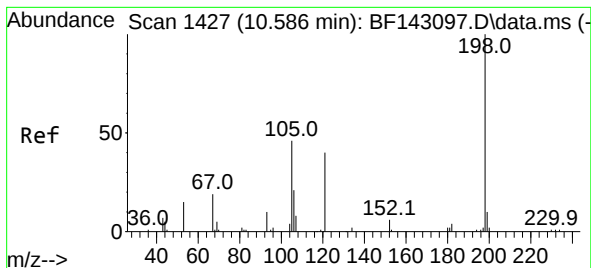
Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

80 12.0 9.3 13.9

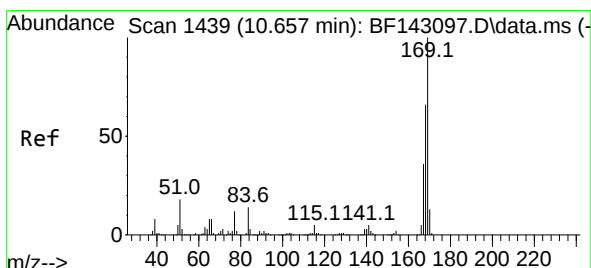
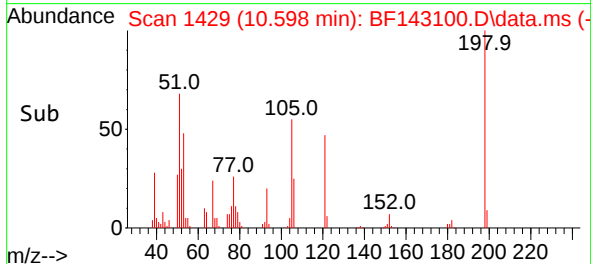
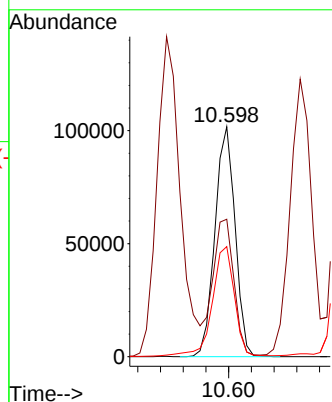
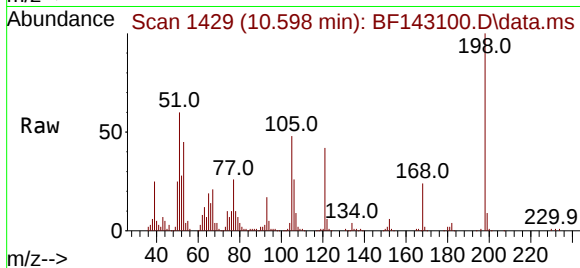




#65
4,6-Dinitro-2-methylphenol
Concen: 78.600 ng
RT: 10.598 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

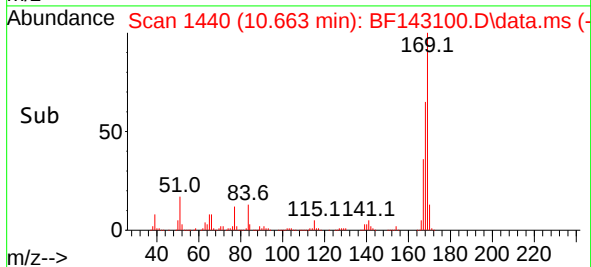
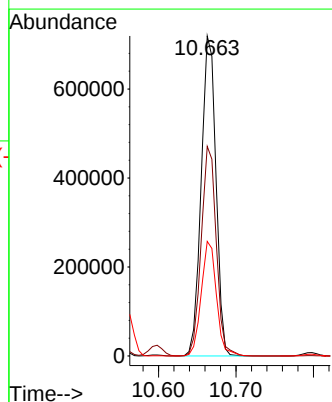
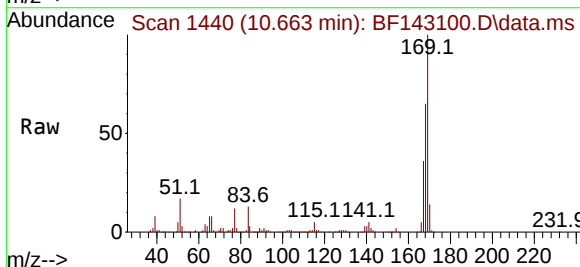
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

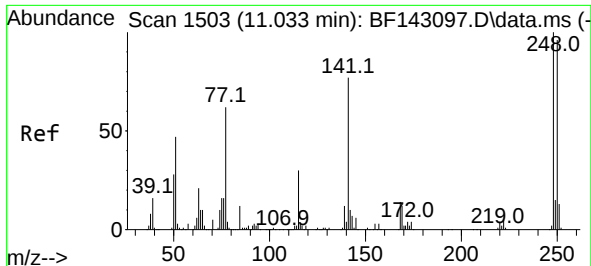
Tgt Ion:198 Resp: 125251
Ion Ratio Lower Upper
198 100
51 59.8 44.6 84.6
105 47.9 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 74.520 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:169 Resp: 947890
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.6
167 35.8 28.4 42.6

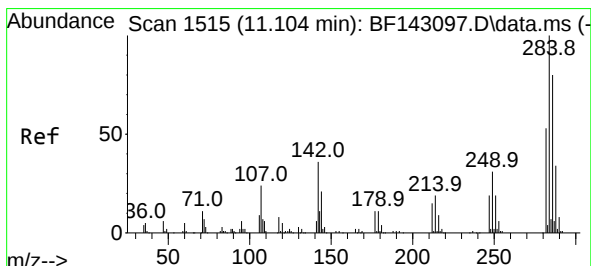
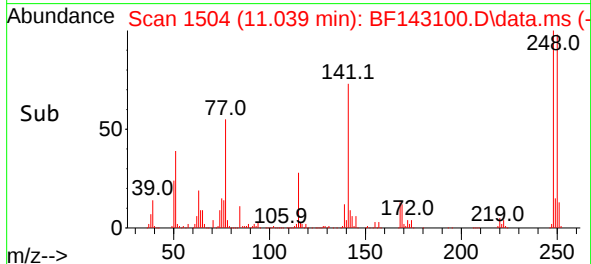
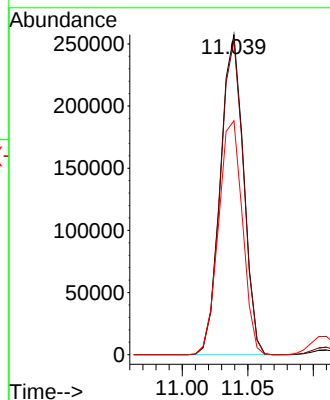
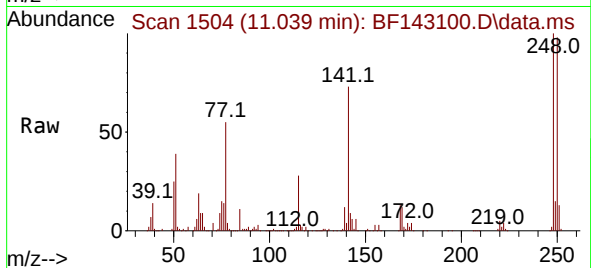




#67
4-Bromophenyl-phenylether
Concen: 76.885 ng
RT: 11.039 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

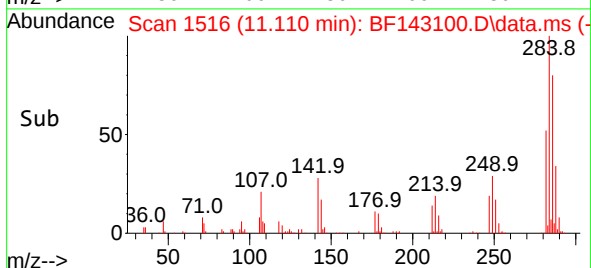
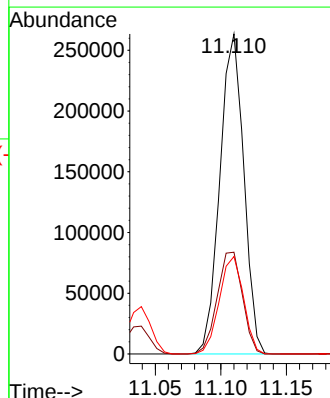
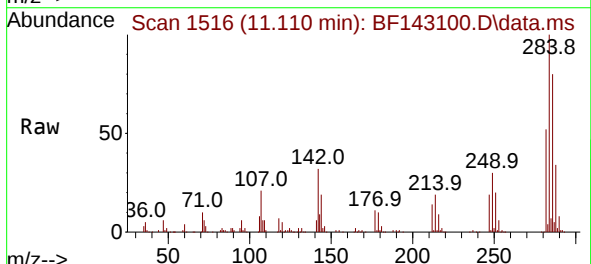
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

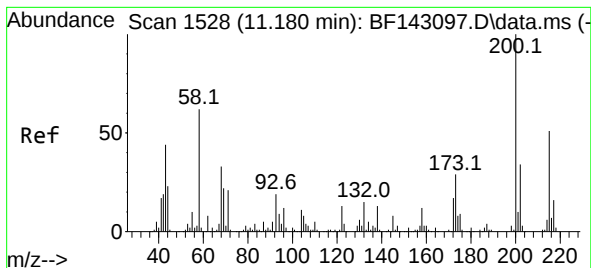
Tgt Ion:248 Resp: 316619
Ion Ratio Lower Upper
248 100
250 98.3 76.7 115.1
141 73.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 76.417 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:284 Resp: 333899
Ion Ratio Lower Upper
284 100
142 31.8 28.9 43.3
249 30.5 24.6 37.0





#69

Atrazine

Concen: 81.943 ng

RT: 11.186 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

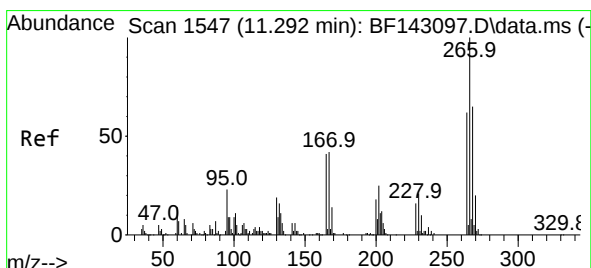
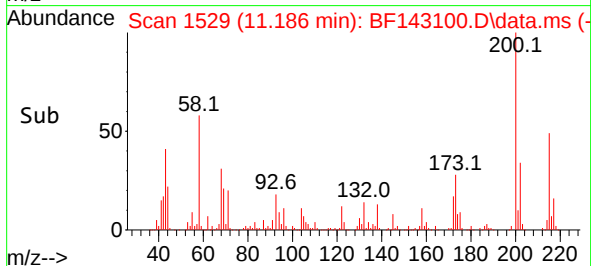
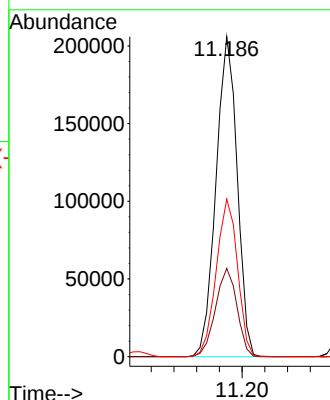
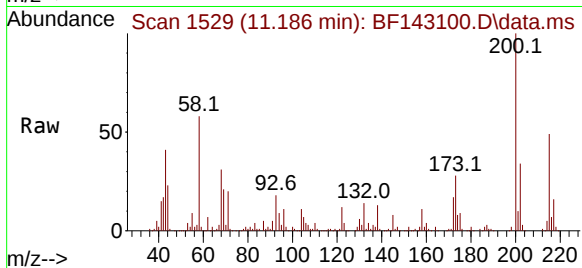
Tgt Ion:200 Resp: 266668

Ion Ratio Lower Upper

200 100

173 27.6 9.1 49.1

215 49.2 31.0 71.0



#70

Pentachlorophenol

Concen: 87.905 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

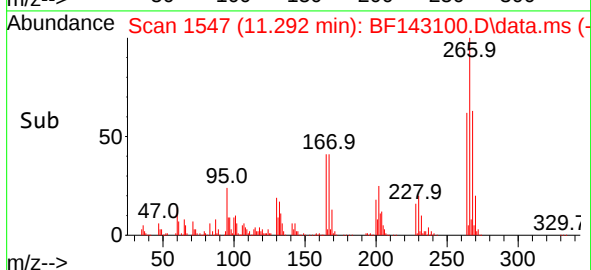
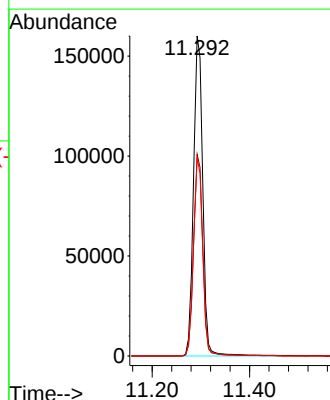
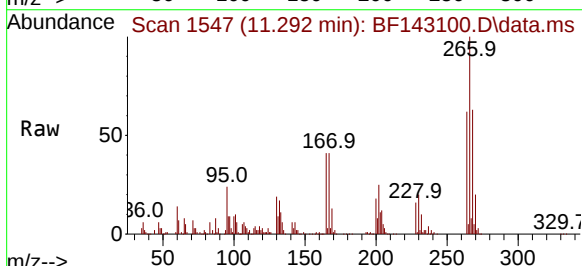
Tgt Ion:266 Resp: 210729

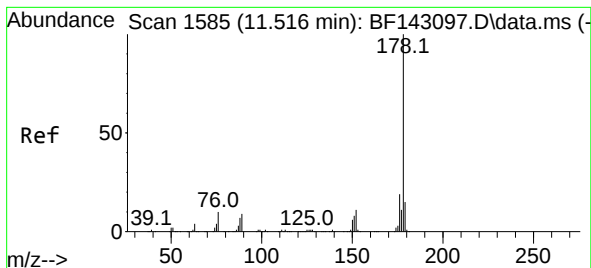
Ion Ratio Lower Upper

266 100

268 63.0 51.8 77.6

264 61.8 49.7 74.5





#71

Phenanthrene

Concen: 71.714 ng

RT: 11.522 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

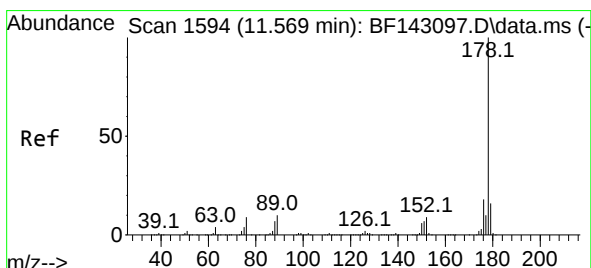
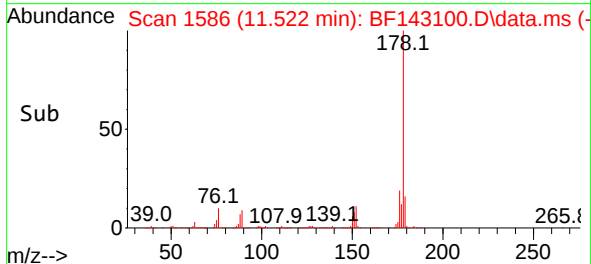
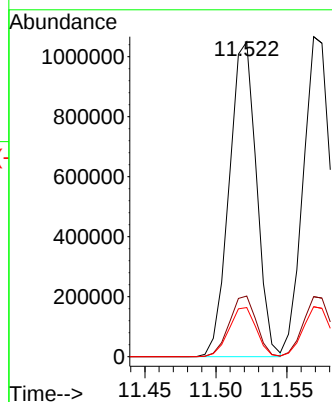
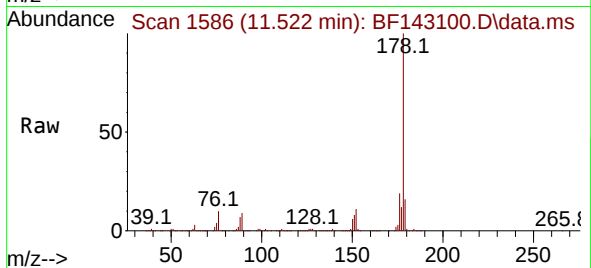
Tgt Ion:178 Resp: 1401500

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.6 12.2 18.4



#72

Anthracene

Concen: 72.421 ng

RT: 11.569 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

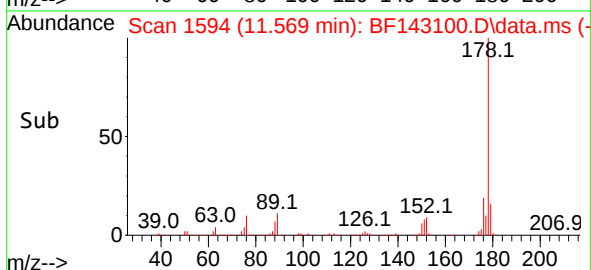
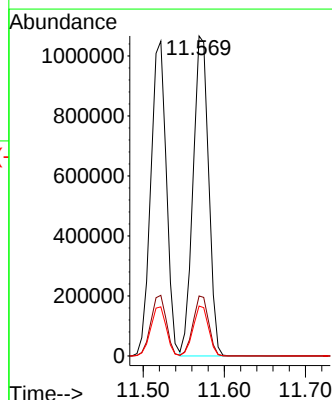
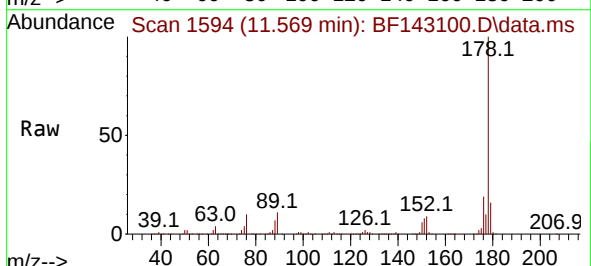
Tgt Ion:178 Resp: 1423259

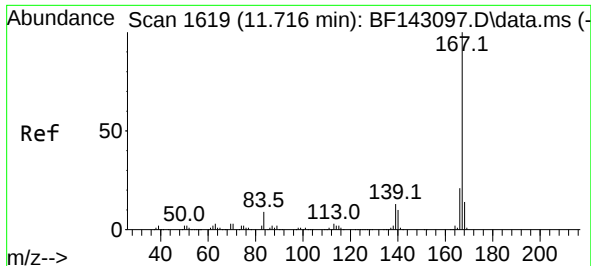
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.6 12.4 18.6

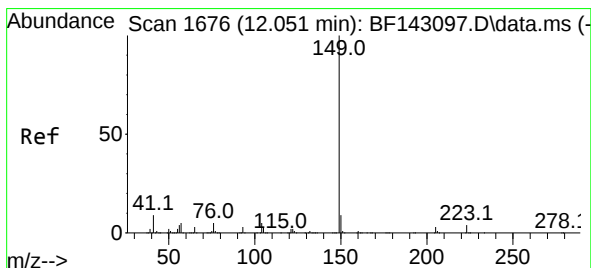
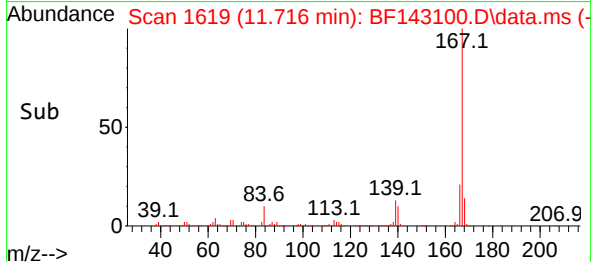
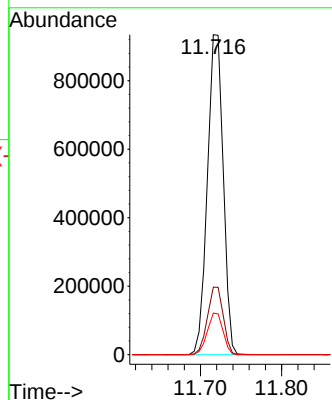
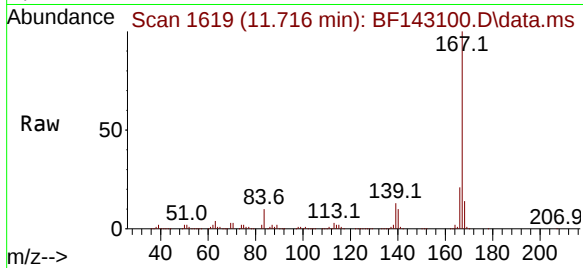




#73
 Carbazole
 Concen: 71.796 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

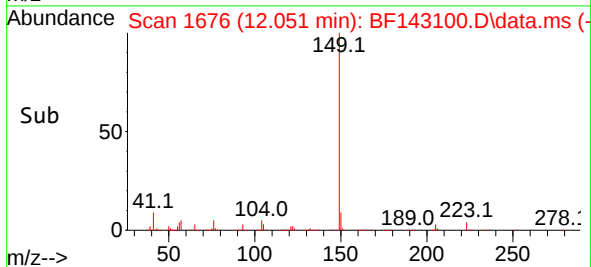
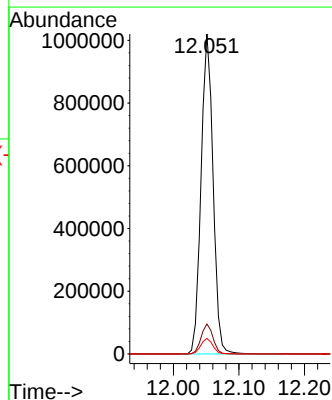
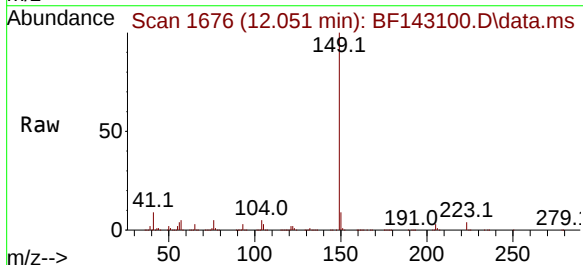
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

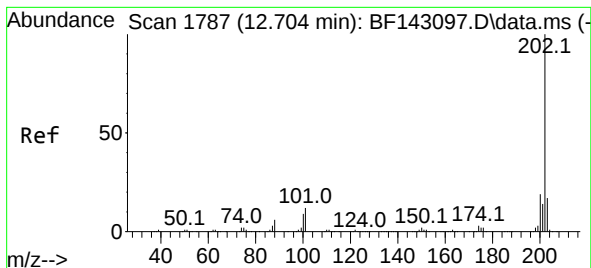
Tgt Ion:167 Resp: 1264053
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 80.422 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 1299711
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 70.821 ng

RT: 12.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

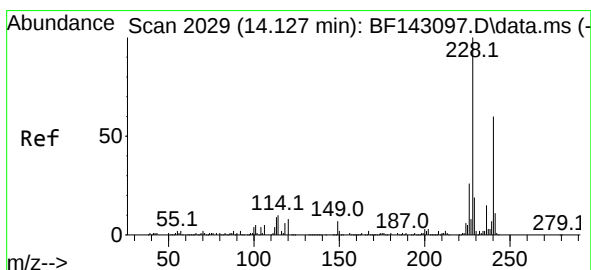
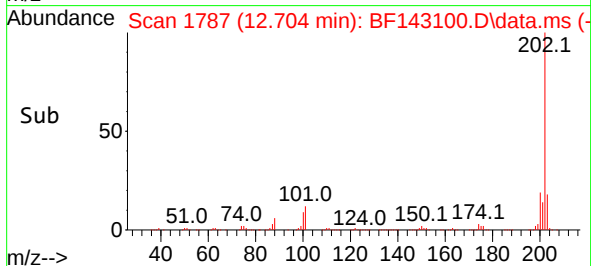
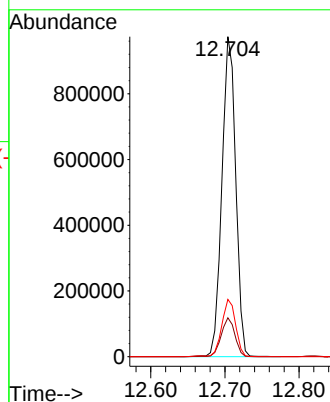
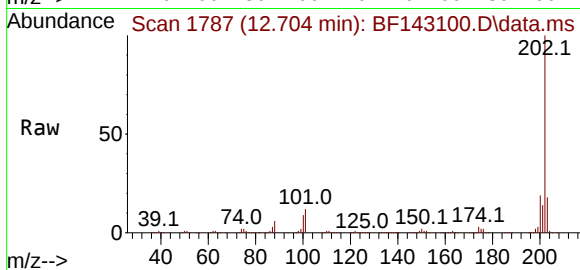
Tgt Ion:202 Resp: 1258479

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.4

203 17.9 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

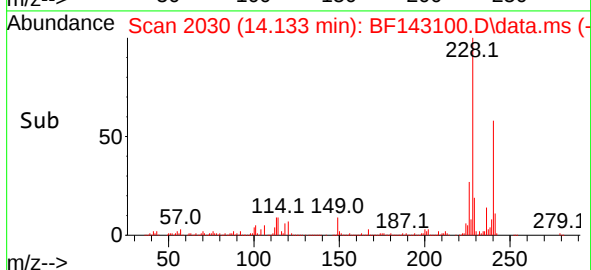
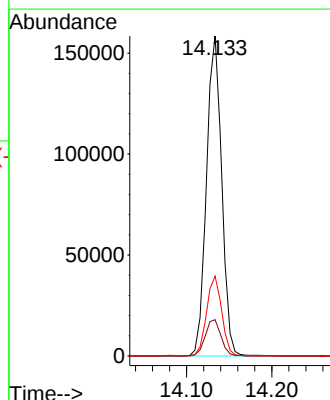
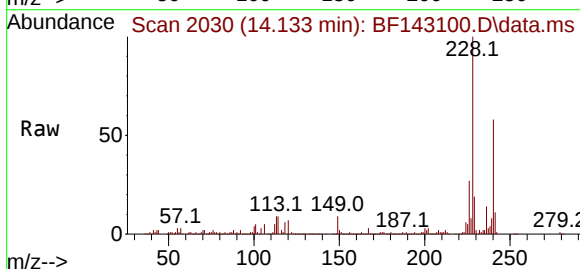
Tgt Ion:240 Resp: 196411

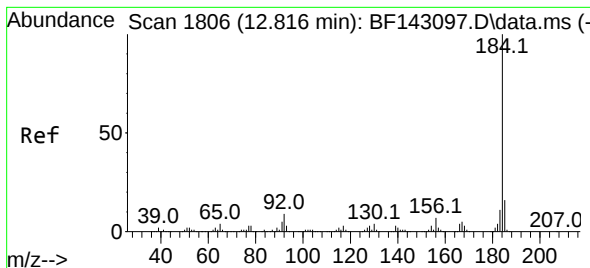
Ion Ratio Lower Upper

240 100

120 11.3 10.0 15.0

236 25.0 20.0 30.0





#77

Benzidine

Concen: 60.315 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

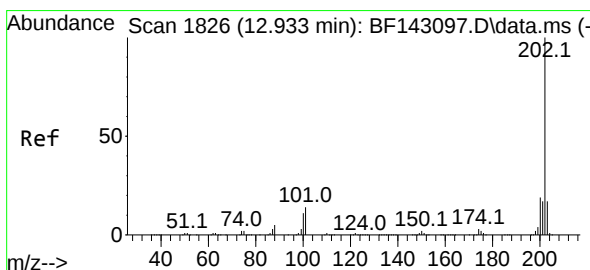
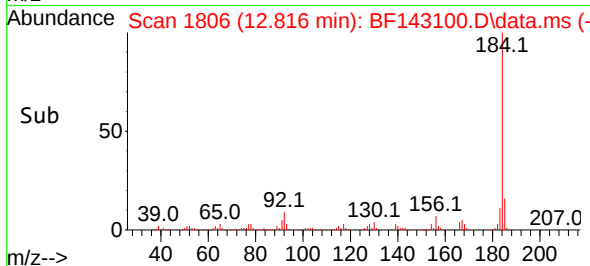
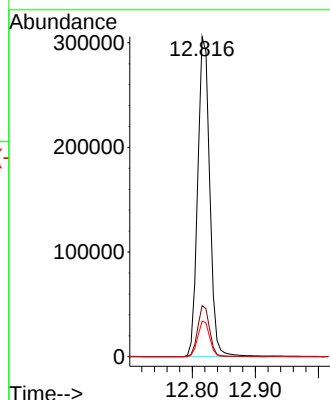
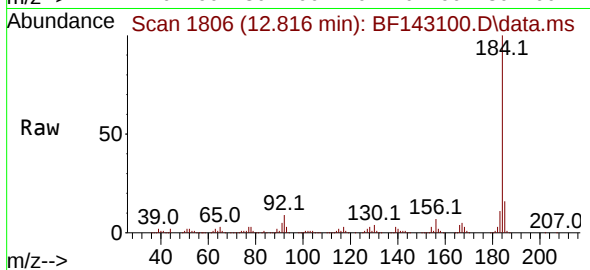
Tgt Ion:184 Resp: 403599

Ion Ratio Lower Upper

184 100

185 15.9 12.4 18.6

183 11.1 8.6 12.8



#78

Pyrene

Concen: 68.315 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

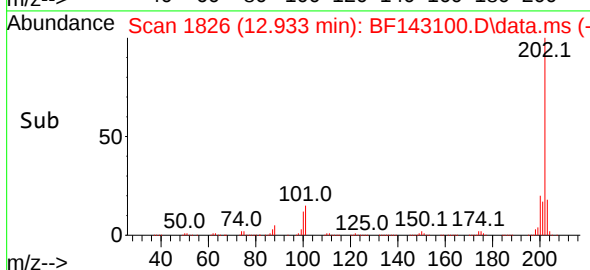
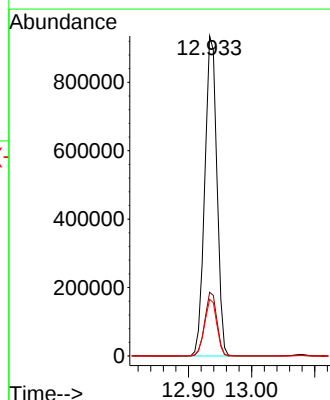
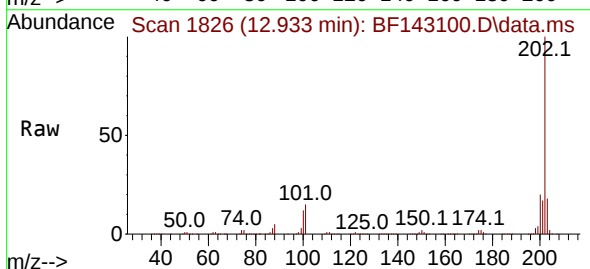
Tgt Ion:202 Resp: 1244953

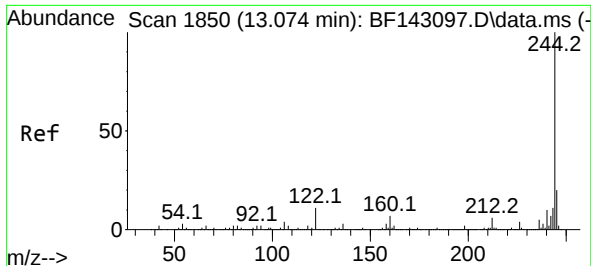
Ion Ratio Lower Upper

202 100

200 19.9 15.5 23.3

203 17.7 14.0 21.0

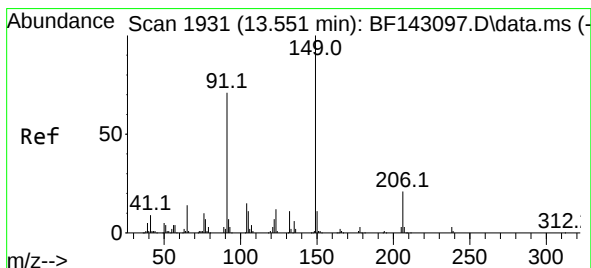
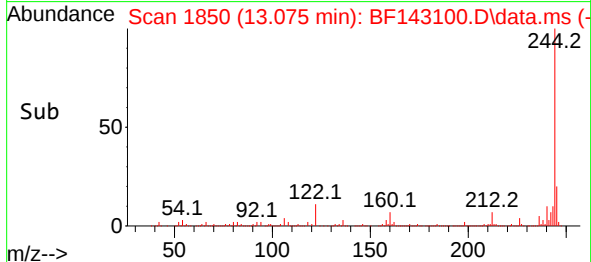
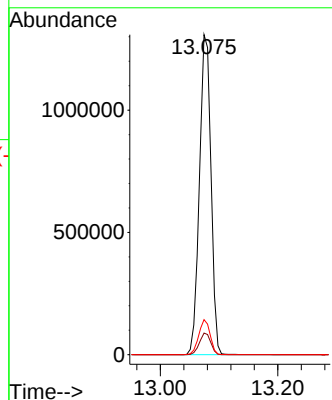
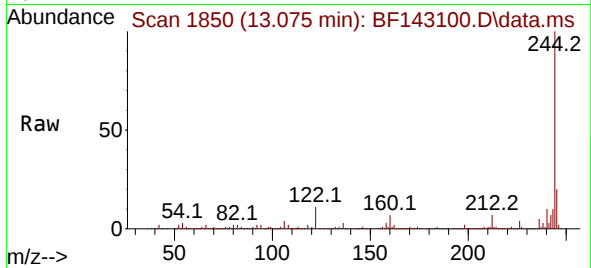




#79
 Terphenyl-d14
 Concen: 132.466 ng
 RT: 13.075 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

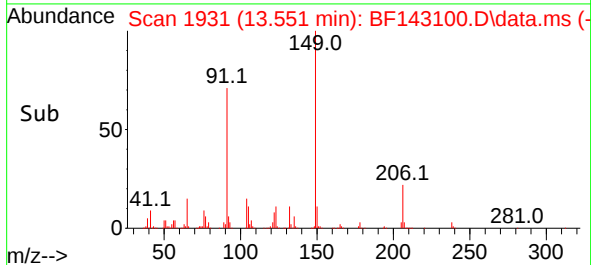
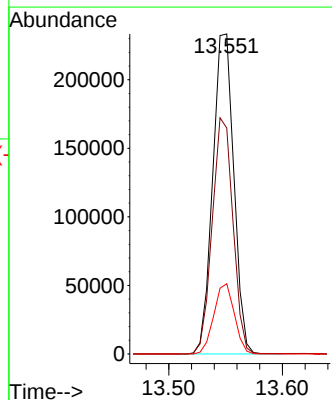
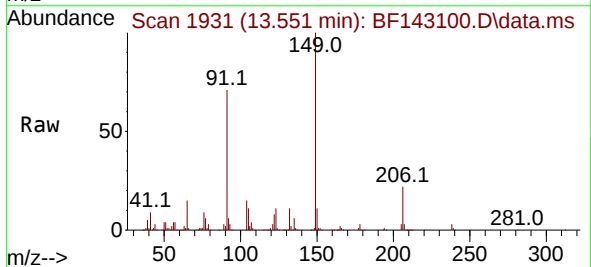
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

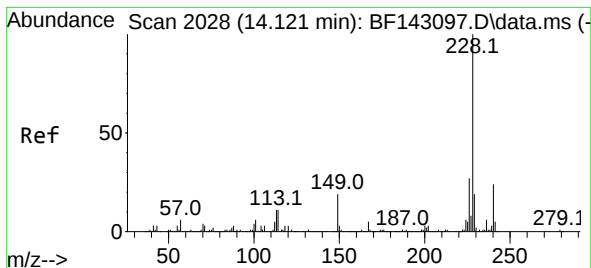
Tgt Ion:244 Resp: 1779829
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 11.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 79.914 ng
 RT: 13.551 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF143100.D
 Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 301525
 Ion Ratio Lower Upper
 149 100
 91 70.6 57.0 85.4
 206 21.9 17.2 25.8





#81

Benzo(a)anthracene

Concen: 74.870 ng

RT: 14.122 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

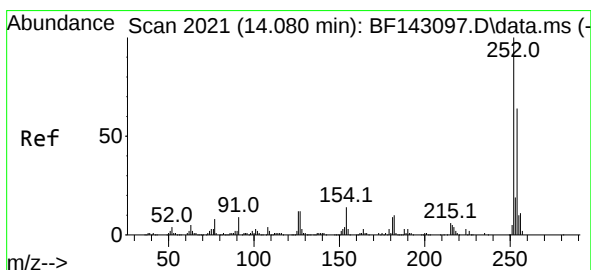
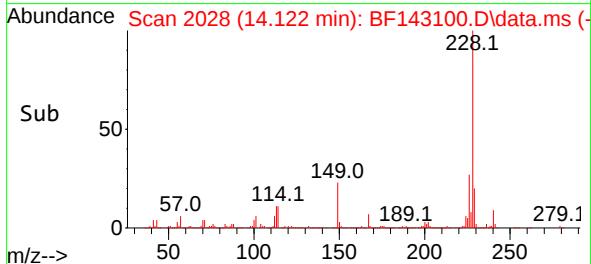
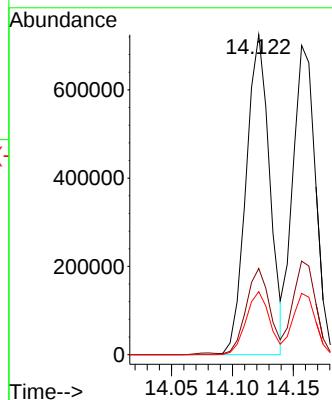
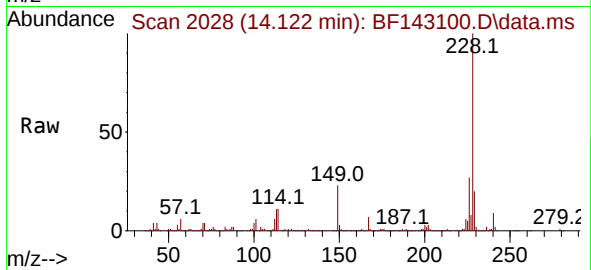
Tgt Ion:228 Resp: 979909

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 77.896 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

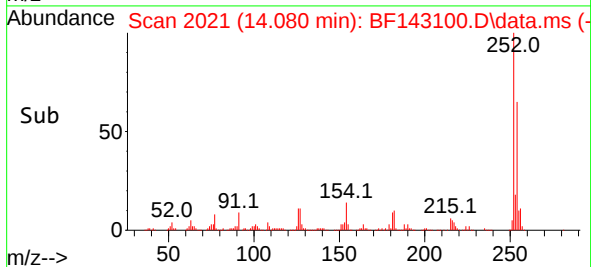
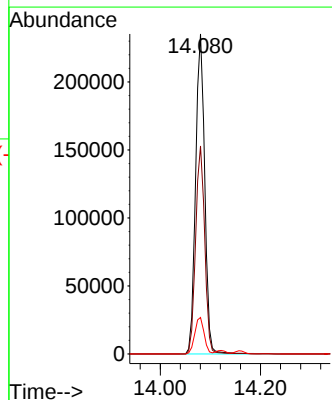
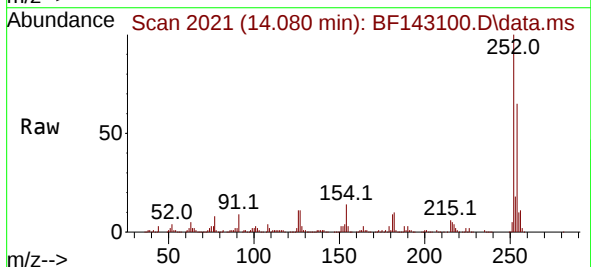
Tgt Ion:252 Resp: 296061

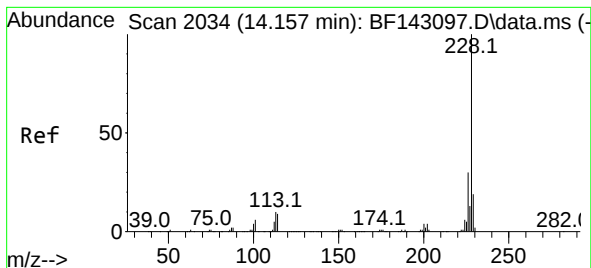
Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

126 11.4 9.4 14.0





#83

Chrysene

Concen: 75.743 ng

RT: 14.157 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

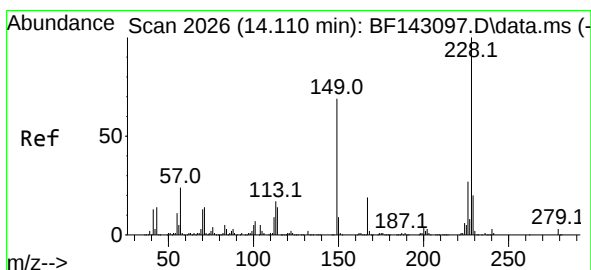
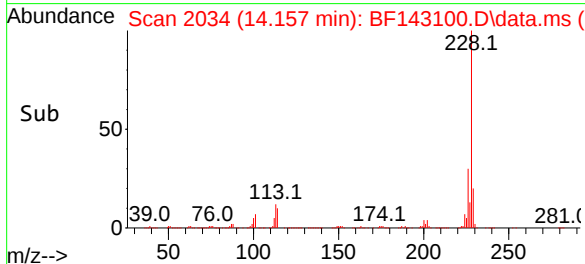
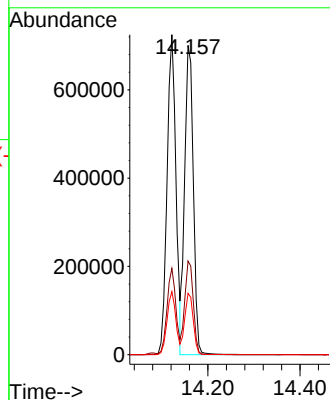
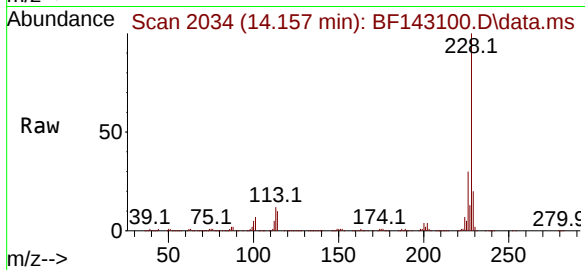
Tgt Ion:228 Resp: 913035

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

229 19.8 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 80.495 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

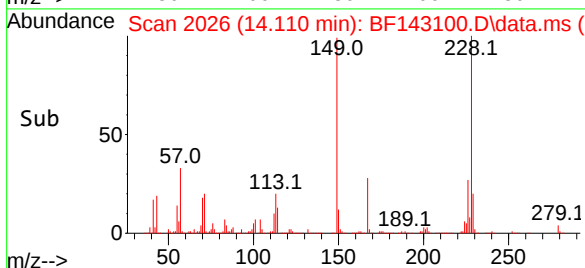
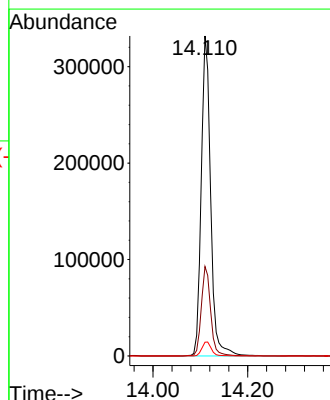
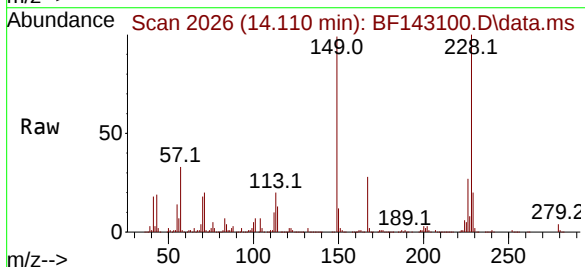
Tgt Ion:149 Resp: 458210

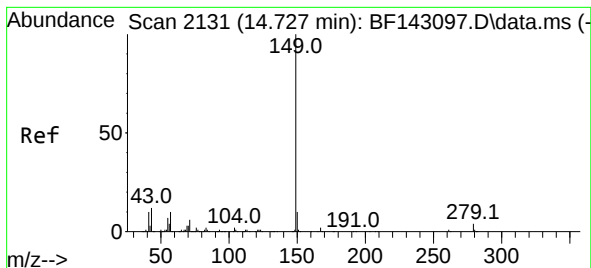
Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 82.209 ng

RT: 14.727 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

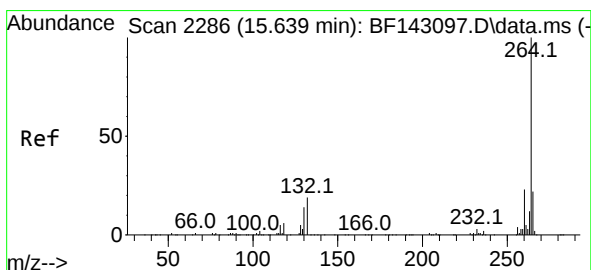
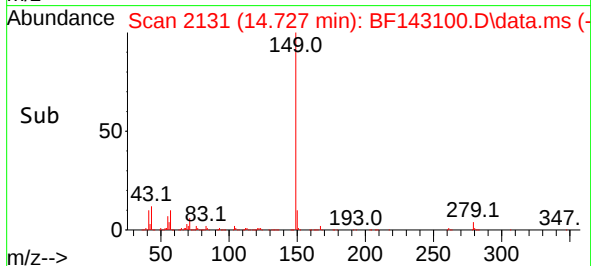
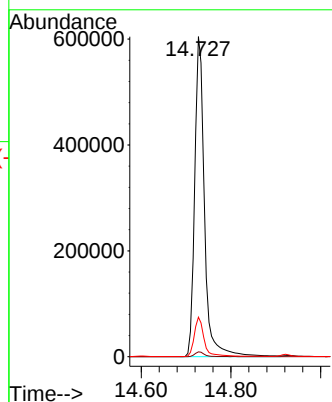
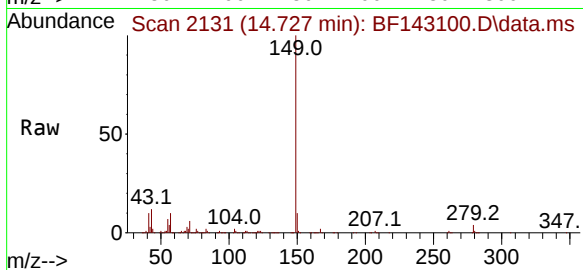
Tgt Ion:149 Resp: 916748

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.3 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

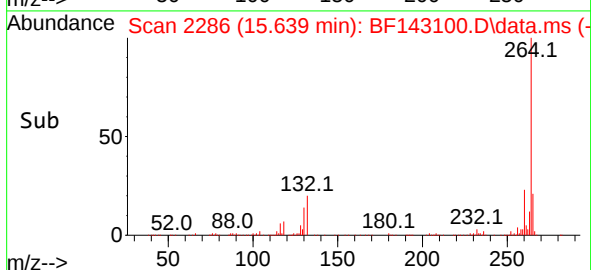
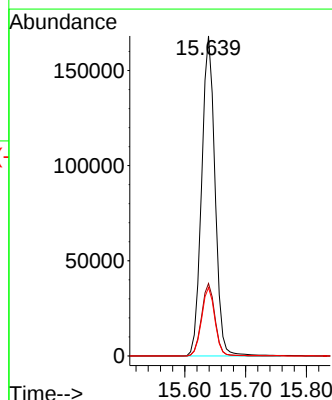
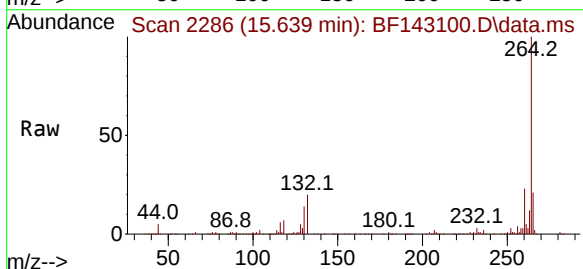
Tgt Ion:264 Resp: 256691

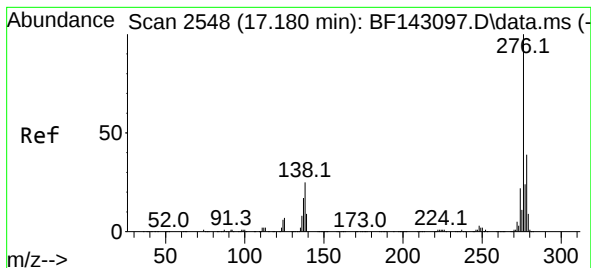
Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 79.082 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

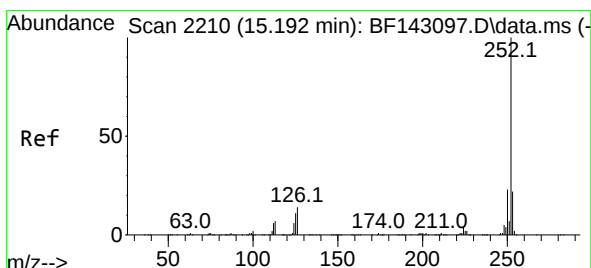
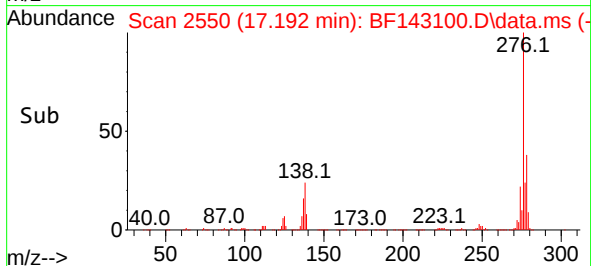
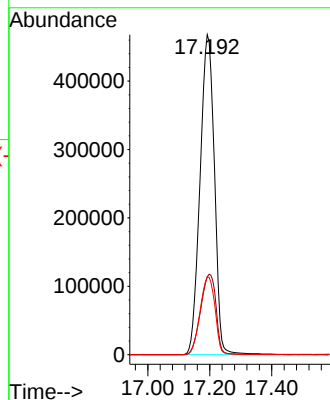
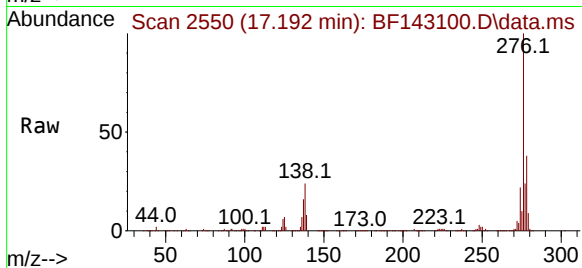
Tgt Ion:276 Resp: 1509813

Ion Ratio Lower Upper

276 100

138 26.8 22.6 34.0

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 75.360 ng

RT: 15.198 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

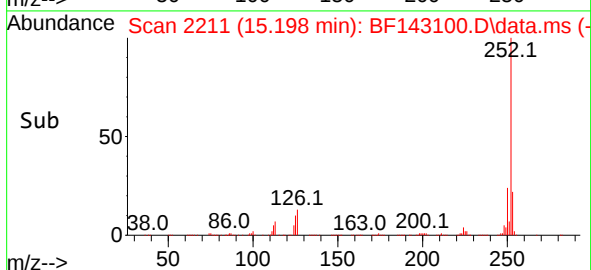
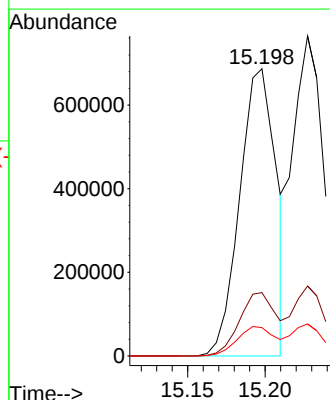
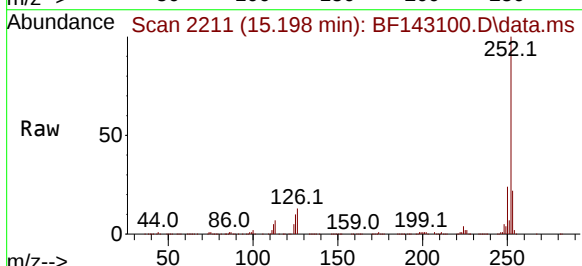
Tgt Ion:252 Resp: 1115815

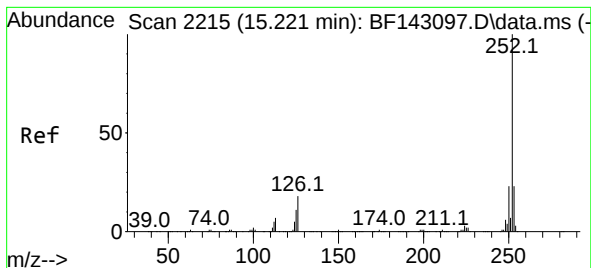
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.8 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 76.736 ng

RT: 15.227 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

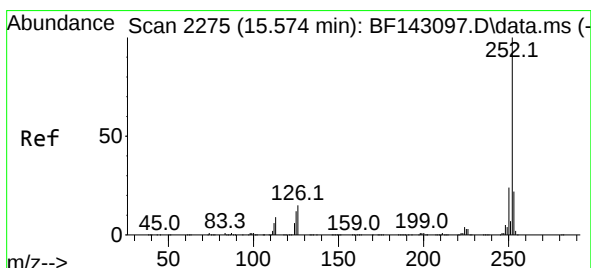
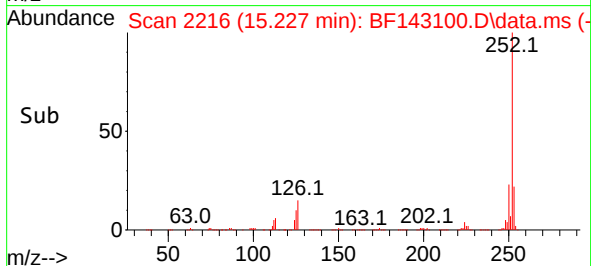
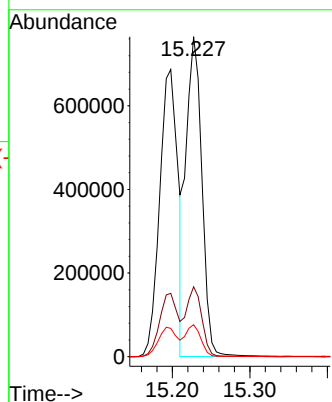
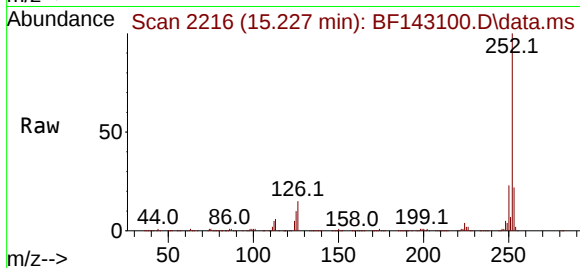
Tgt Ion:252 Resp: 1083939

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.0 8.5 12.7



#90

Benzo(a)pyrene

Concen: 79.071 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF143100.D

Acq: 15 Jul 2025 16:35

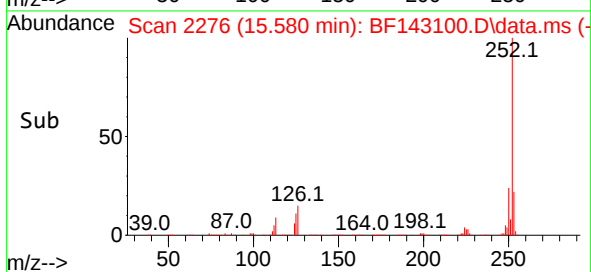
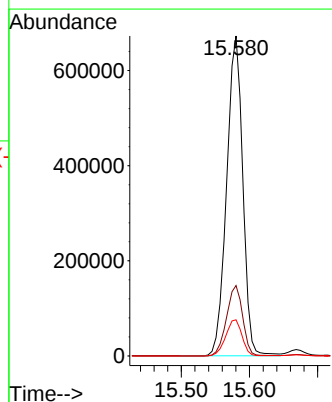
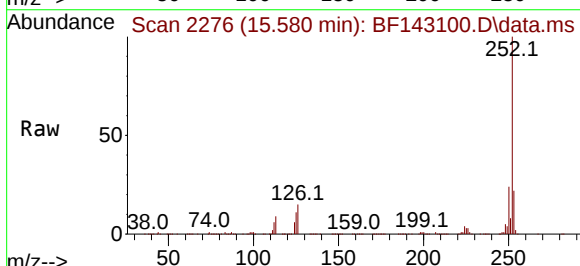
Tgt Ion:252 Resp: 1107280

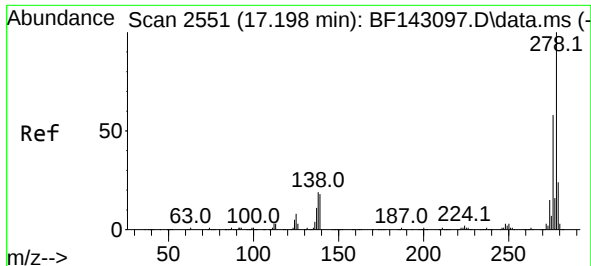
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 11.3 9.4 14.0

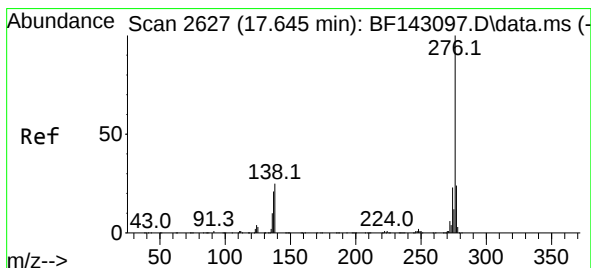
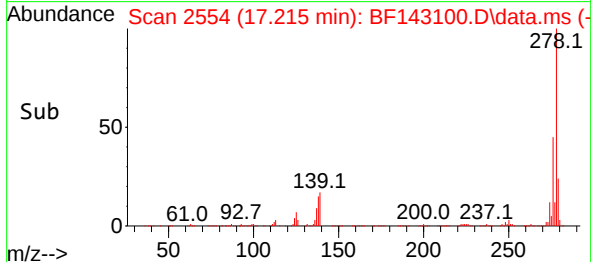
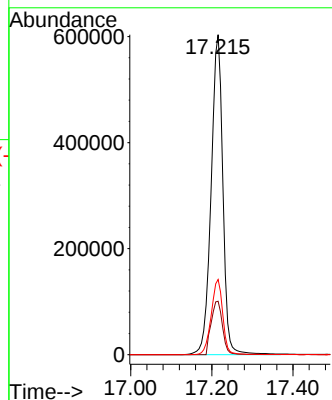
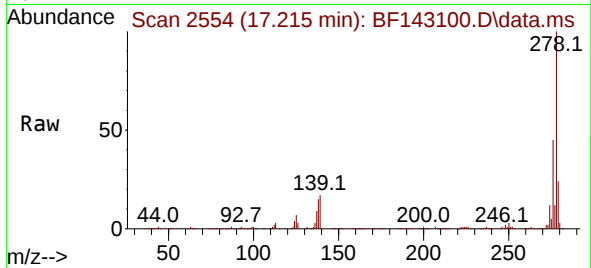




#91
Dibenzo(a,h)anthracene
Concen: 77.528 ng
RT: 17.215 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1209971
Ion Ratio Lower Upper
278 100
139 16.7 14.6 22.0
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 78.321 ng
RT: 17.668 min Scan# 2631
Delta R.T. 0.024 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:276 Resp: 1246206
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 22.8 19.8 29.6

