

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141481.D
 Acq On : 06 Feb 2025 15:43
 Operator : RC/JU
 Sample : PB166563BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166563BL

Quant Time: Feb 06 17:28:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	106991	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	432132	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	242806	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	445525	20.000	ng	0.00
76) Chrysene-d12	13.957	240	395955	20.000	ng	0.00
86) Perylene-d12	15.421	264	341846	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	823780	120.709	ng	0.00
7) Phenol-d6	6.428	99	1034032	119.879	ng	-0.01
23) Nitrobenzene-d5	7.351	82	686987	82.919	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	308745	126.582	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1314168	83.386	ng	0.00
79) Terphenyl-d14	12.904	244	1709837	72.900	ng	0.00

Target Compounds					Qvalue	
3) Pyridine	3.493	79	1052	0.161	ng	# 72
6) Aniline	6.451	93	1491	0.184	ng	# 73
8) 2-Chlorophenol	6.575	128	145	0.020	ng	# 34
9) Benzaldehyde	6.428	77	1700	0.371	ng	# 1
10) Phenol	6.440	94	950	0.106	ng	# 1
11) bis(2-Chloroethyl)ether	6.451	93	1491	0.221	ng	# 34
15) Benzyl Alcohol	6.787	79	3022	0.457	ng	# 28
16) 2,2'-oxybis(1-Chloropr...	7.063	45	181	0.016	ng	# 65
17) 2-Methylphenol	7.051	107	114	0.020	ng	# 56
19) n-Nitroso-di-n-propyla...	7.351	70	95642	18.537	ng	# 75
20) 3+4-Methylphenols	7.210	107	117	0.016	ng	# 1
24) Nitrobenzene	7.351	77	2011	0.249	ng	# 37
25) Isophorone	7.351	82	659388	49.915	ng	# 66
31) Naphthalene	8.087	128	304	0.014	ng	# 69
33) 4-Chloroaniline	8.151	127	1335	0.170	ng	# 85
36) 4-Chloro-3-methylphenol	8.640	107	707	0.101	ng	# 85
37) 2-Methylnaphthalene	8.781	142	126	0.009	ng	# 46
38) 1-Methylnaphthalene	9.145	142	636	0.045	ng	# 93
46) 1,1'-Biphenyl	9.245	154	300	0.016	ng	# 43
47) 2-Chloronaphthalene	9.269	162	109	0.008	ng	# 37
48) 2-Nitroaniline	9.145	65	2171	0.465	ng	# 1
49) Acenaphthylene	9.687	152	439	0.021	ng	# 60
50) Dimethylphthalate	9.822	163	34152	2.072	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	30490	8.461	ng	# 22
52) Acenaphthene	9.851	154	532	0.038	ng	# 93
53) 3-Nitroaniline	9.792	138	141	0.036	ng	# 86
55) Dibenzofuran	10.034	168	548	0.027	ng	# 65
56) 4-Nitrophenol	10.034	139	386	0.134	ng	# 33
57) 2,4-Dinitrotoluene	9.822	165	30490	6.356	ng	# 19
58) Fluorene	10.616	166	12514	0.792	ng	# 84
60) Diethylphthalate	10.245	149	332	0.020	ng	# 59
61) 4-Chlorophenyl-phenyle...	10.363	204	152	0.020	ng	# 26
62) 4-Nitroaniline	10.404	138	53	0.013	ng	# 15
63) Azobenzene	10.528	77	388	0.024	ng	# 64
65) 4,6-Dinitro-2-methylph...	10.616	198	780	0.252	ng	# 1
66) n-Nitrosodiphenylamine	10.486	169	410	0.029	ng	# 75

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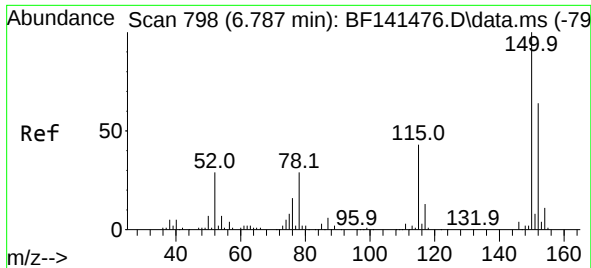
Quant Time: Feb 06 17:28:01 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 4-Bromophenyl-phenylether	10.616	248	20516	4.120	ng	# 1
71) Phenanthrene	11.333	178	1138	0.046	ng	# 60
72) Anthracene	11.386	178	784	0.032	ng	# 61
73) Carbazole	11.557	167	847	0.038	ng	# 59
74) Di-n-butylphthalate	11.881	149	580	0.023	ng	# 78
75) Fluoranthene	12.528	202	747	0.029	ng	# 65
77) Benzidine	12.657	184	3014	0.345	ng	# 87
78) Pyrene	12.757	202	2110	0.063	ng	# 99
80) Butylbenzylphthalate	13.375	149	201	0.017	ng	# 87
81) Benzo(a)anthracene	13.951	228	2331	0.089	ng	# 77
82) 3,3'-Dichlorobenzidine	13.916	252	120	0.016	ng	# 27
83) Chrysene	13.951	228	2331	0.096	ng	# 75
84) Bis(2-ethylhexyl)phtha...	13.939	149	440	0.033	ng	# 53
85) Di-n-octyl phthalate	14.569	149	517	0.028	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.880	276	312	0.015	ng	# 51
88) Benzo(b)fluoranthene	15.004	252	514	0.022	ng	# 60
89) Benzo(k)fluoranthene	15.027	252	487	0.025	ng	# 67
90) Benzo(a)pyrene	15.363	252	292	0.016	ng	# 61
91) Dibenzo(a,h)anthracene	16.898	278	54	0.003	ng	# 1
92) Benzo(g,h,i)perylene	17.304	276	55	0.003	ng	# 54

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

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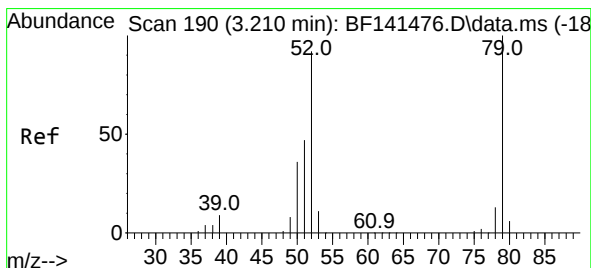
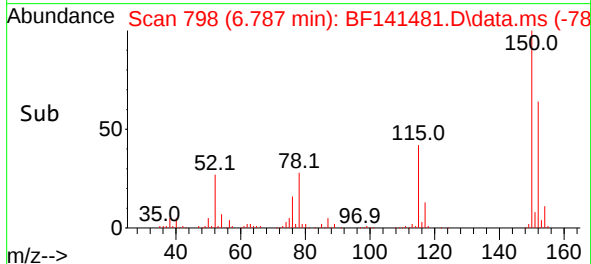
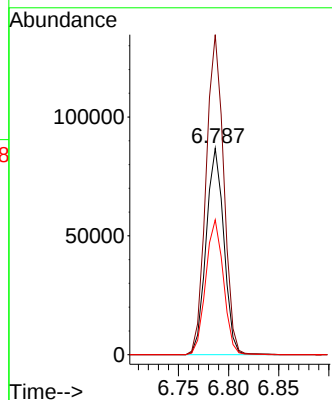
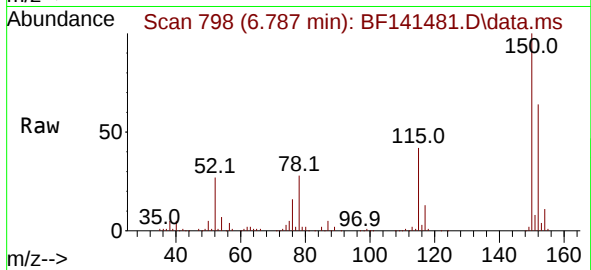




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

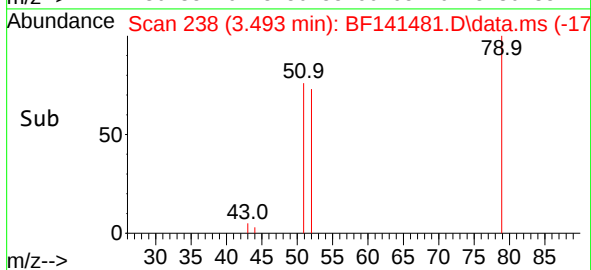
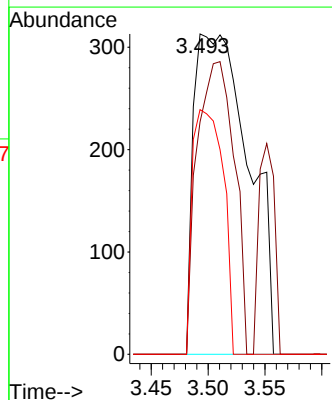
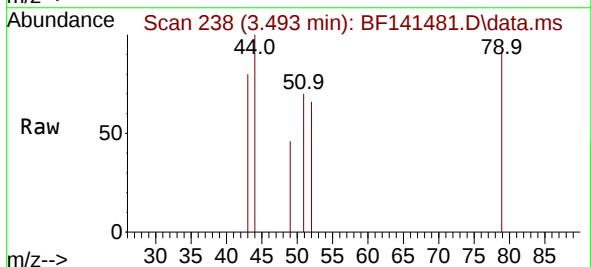
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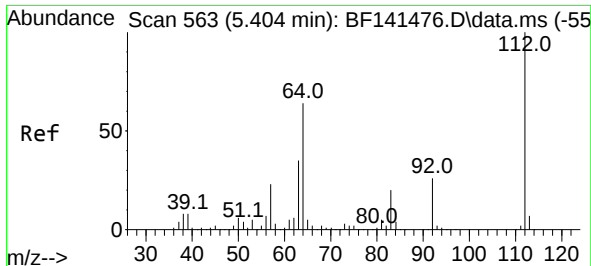
Tgt Ion:152 Resp: 106991
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 65.3 53.6 80.4



#3
Pyridine
Concen: 0.161 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.277 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 79 Resp: 1052
Ion Ratio Lower Upper
79 100
52 72.5 73.7 110.5#
51 76.4 37.5 56.3#

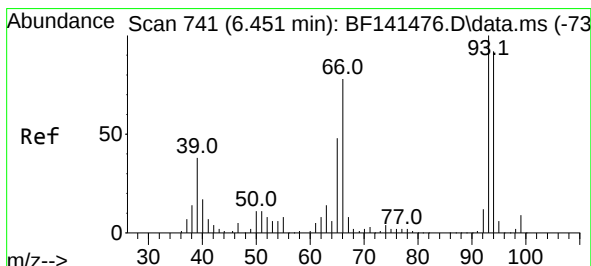
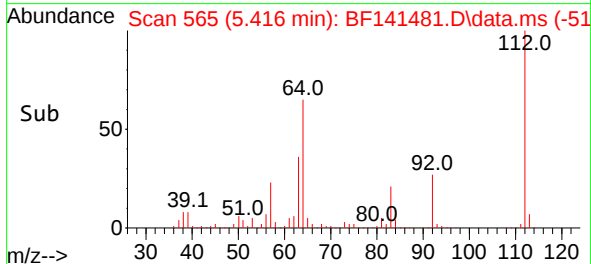
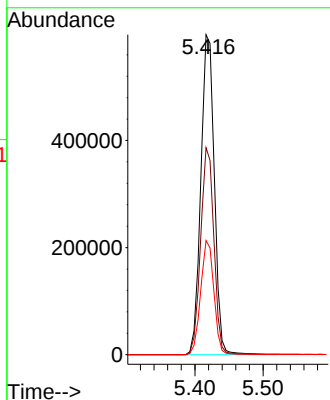
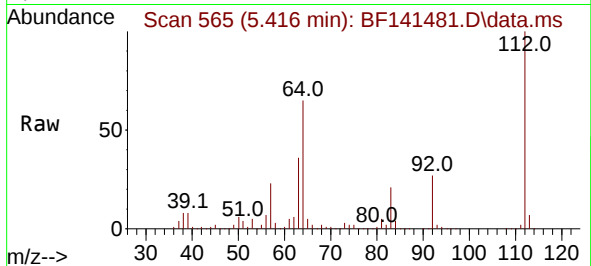




#5
2-Fluorophenol
Concen: 120.709 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

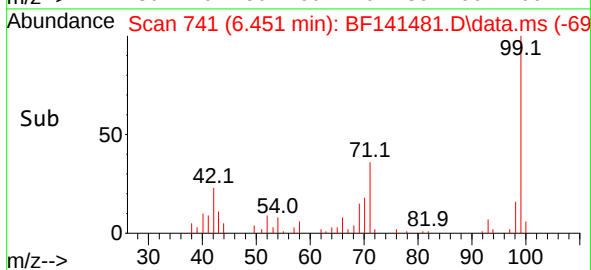
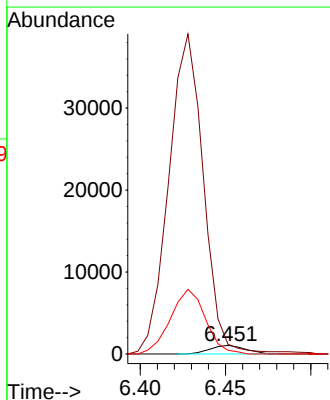
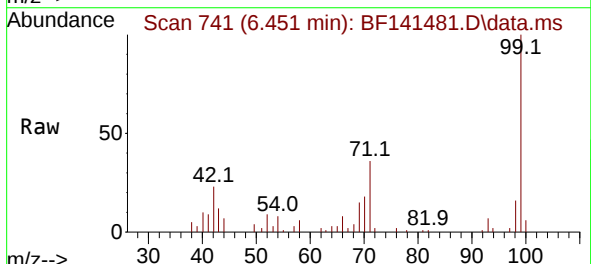
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ClientSampleId :
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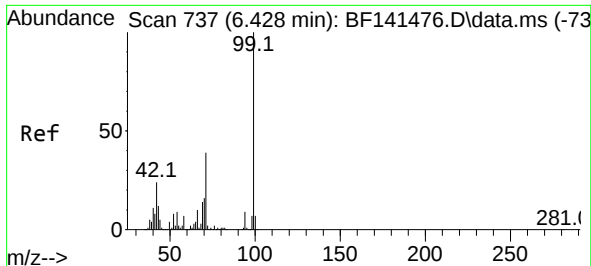
Tgt Ion:112 Resp: 823780
Ion Ratio Lower Upper
112 100
64 64.7 51.1 76.7
63 35.6 28.4 42.6



#6
Aniline
Concen: 0.184 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 93 Resp: 1491
Ion Ratio Lower Upper
93 100
66 112.5 62.6 94.0#
65 42.9 38.3 57.5

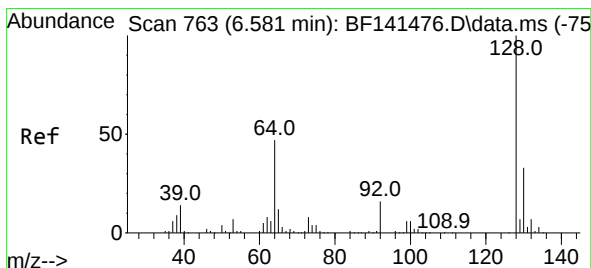
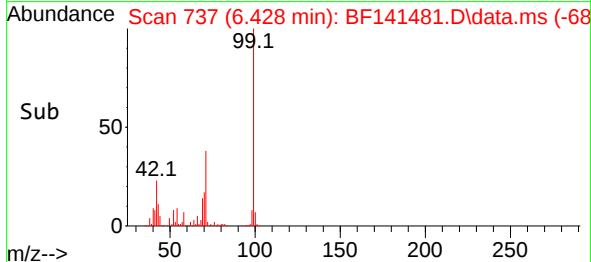
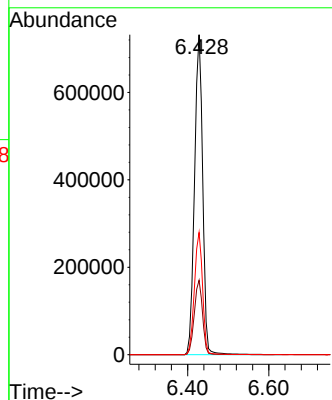
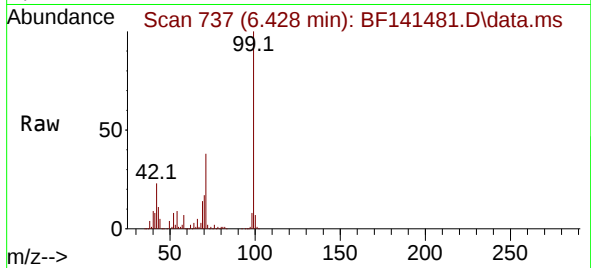




#7
Phenol-d6
Concen: 119.879 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

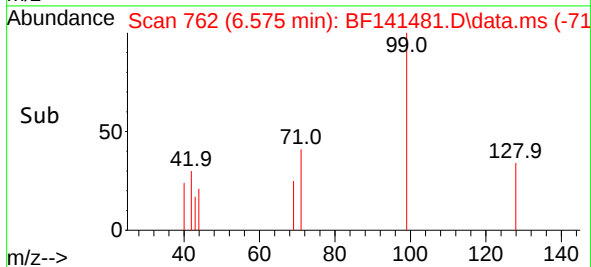
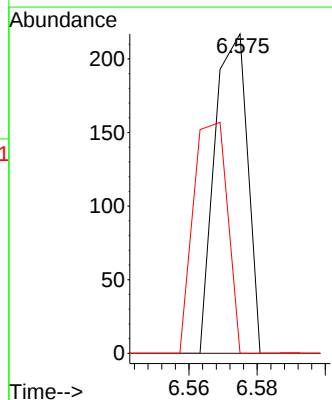
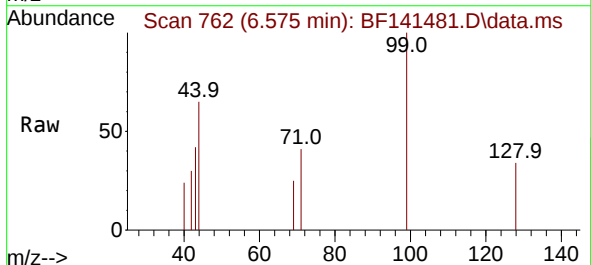
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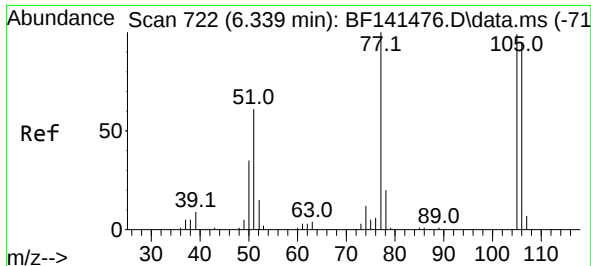
Tgt Ion: 99 Resp: 1034032
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 38.2 31.1 46.7



#8
2-Chlorophenol
Concen: 0.020 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 128 Resp: 145
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 0.0 28.3 68.3#

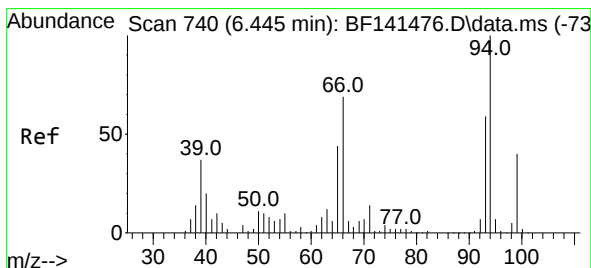
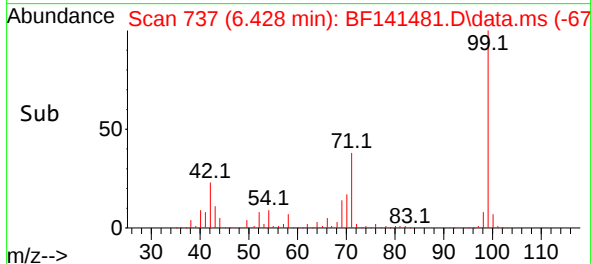
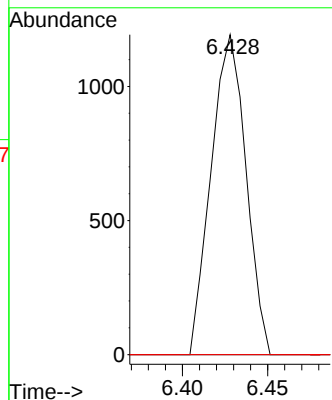
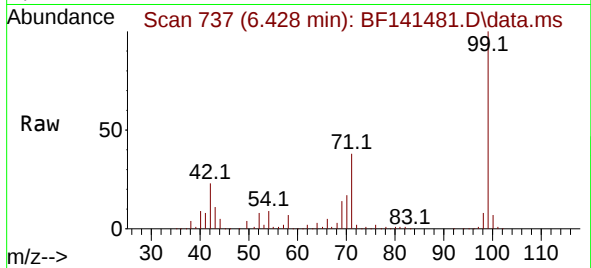




#9
Benzaldehyde
Concen: 0.371 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.089 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

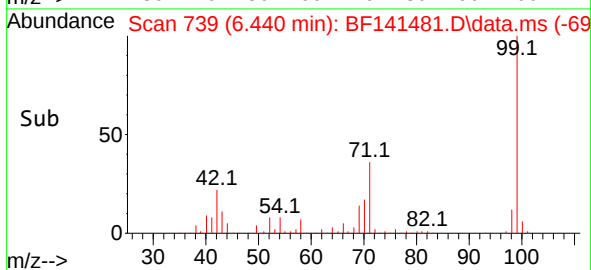
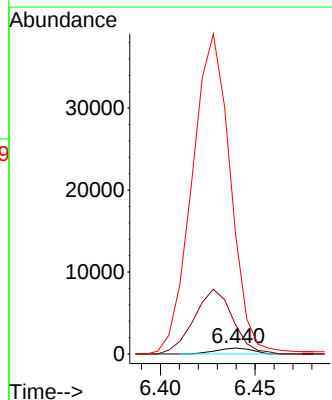
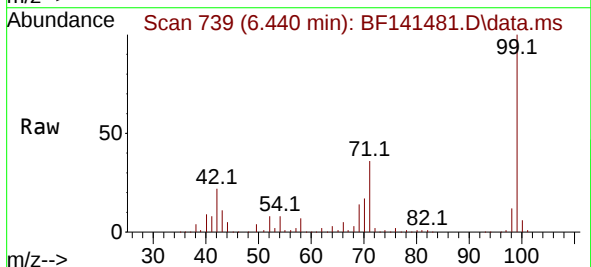
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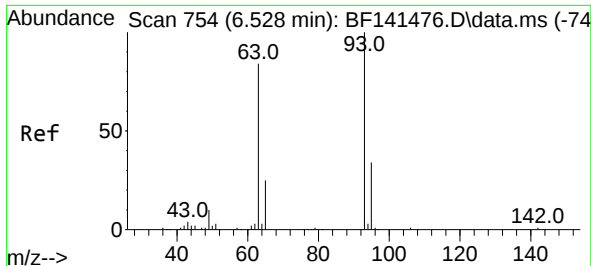
Tgt Ion: 77 Resp: 1700
Ion Ratio Lower Upper
77 100
105 0.0 79.4 119.4#
106 0.0 75.1 115.1#



#10
Phenol
Concen: 0.106 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 94 Resp: 950
Ion Ratio Lower Upper
94 100
65 491.4 23.7 63.7#
66 2022.4 49.3 89.3#

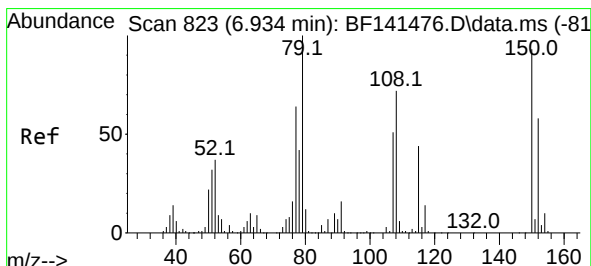
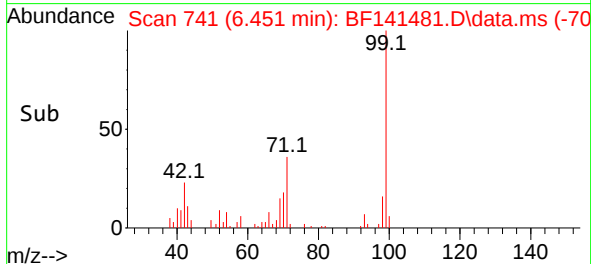
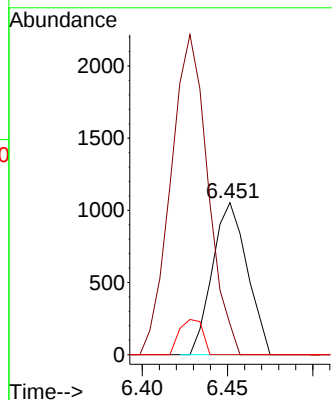
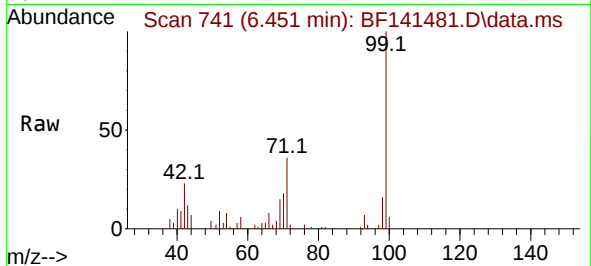




#11
bis(2-Chloroethyl)ether
Concen: 0.221 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.082 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

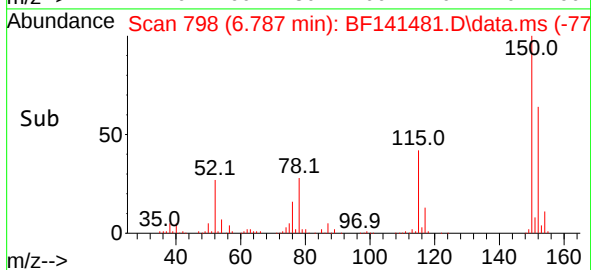
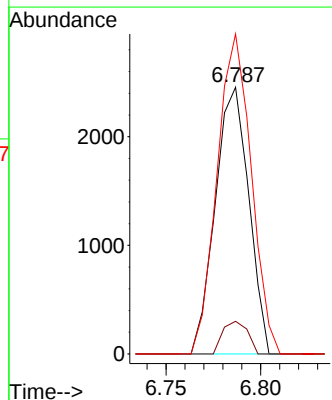
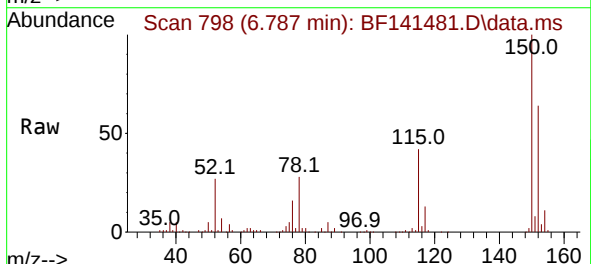
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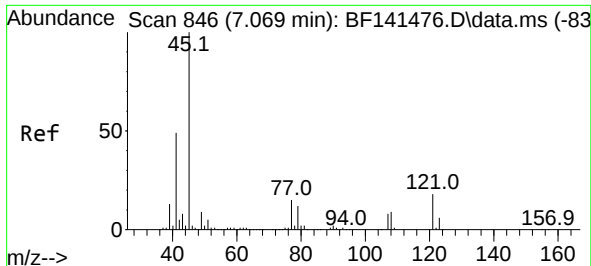
Tgt Ion: 93 Resp: 1491
Ion Ratio Lower Upper
93 100
63 20.0 62.0 102.0#
95 0.0 12.6 52.6#



#15
Benzyl Alcohol
Concen: 0.457 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.153 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 79 Resp: 3022
Ion Ratio Lower Upper
79 100
108 12.3 57.4 86.2#
77 120.0 50.9 76.3#

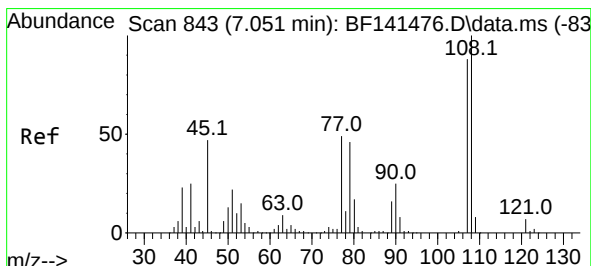
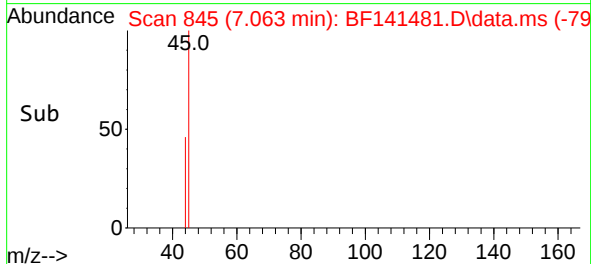
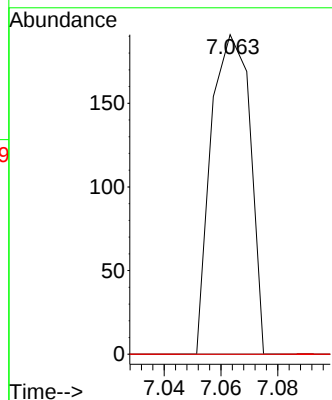
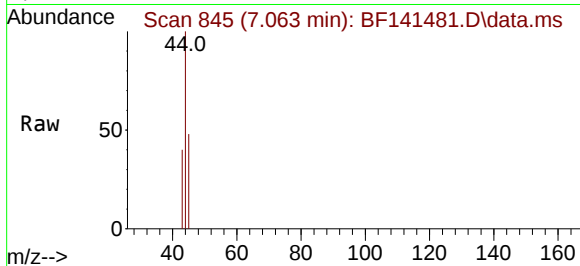




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.016 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141481.D
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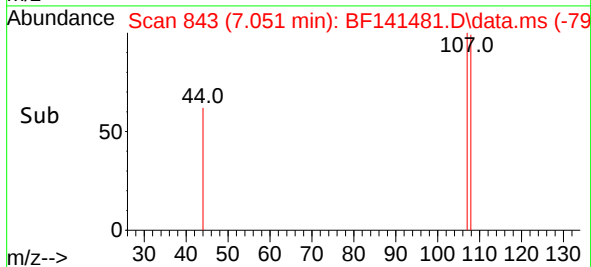
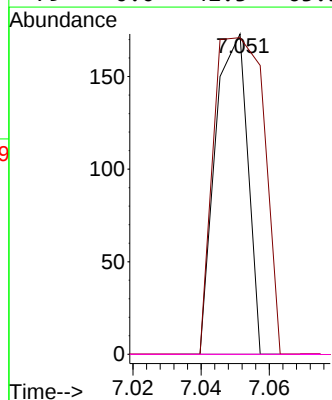
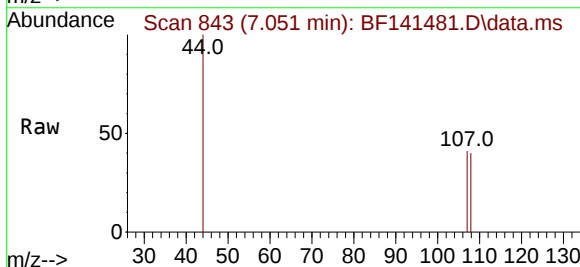
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ClientSampleId :
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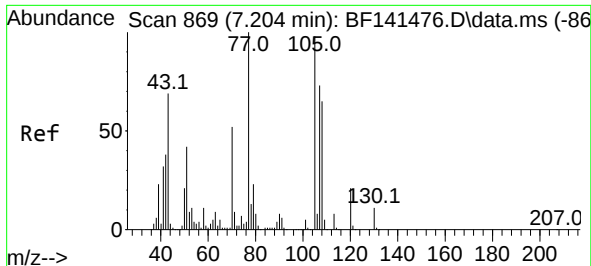
Tgt Ion: 45	Resp:	181
Ion Ratio	Lower	Upper
45	100	
77	0.0	35.8
79	0.0	32.7



#17
2-Methylphenol
Concen: 0.020 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

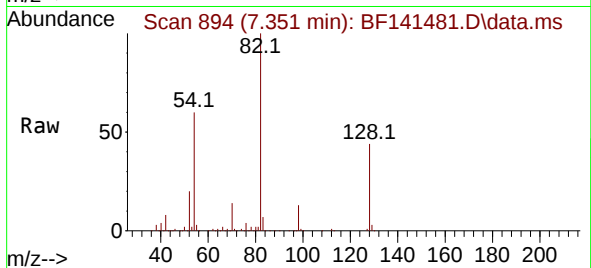
Tgt Ion: 107	Resp:	114
Ion Ratio	Lower	Upper
107	100	
108	98.8	136.0
77	0.0	66.6#
79	0.0	63.5#



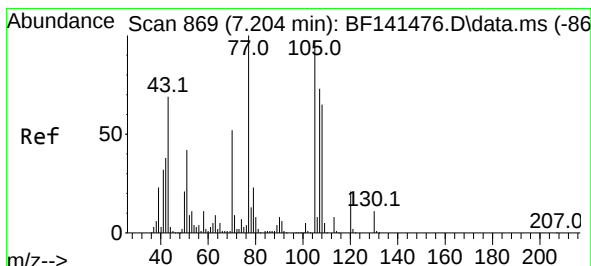
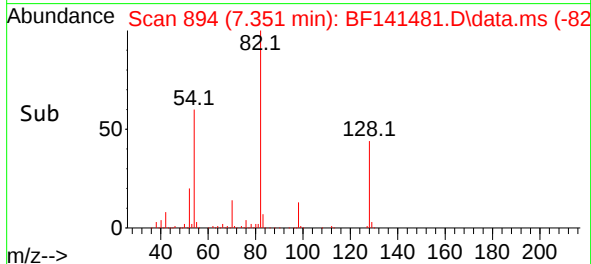
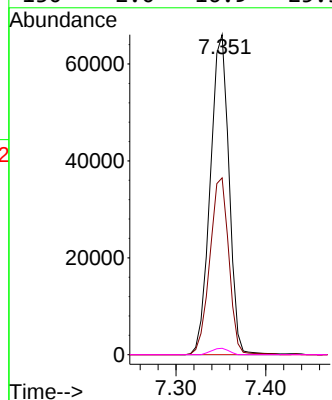


#19
n-Nitroso-di-n-propylamine
Concen: 18.537 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Instrument :
BNA_F
ClientSampleId :
PB166563BL

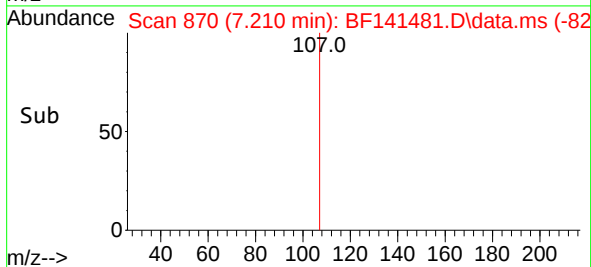
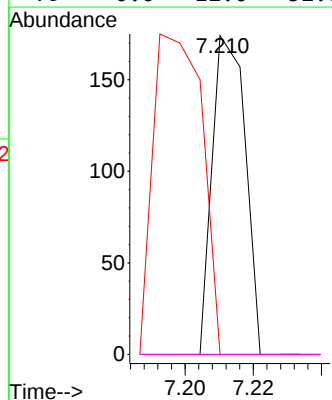
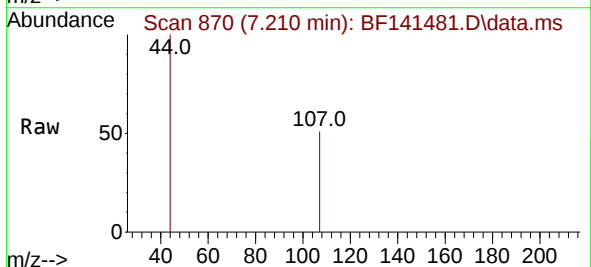


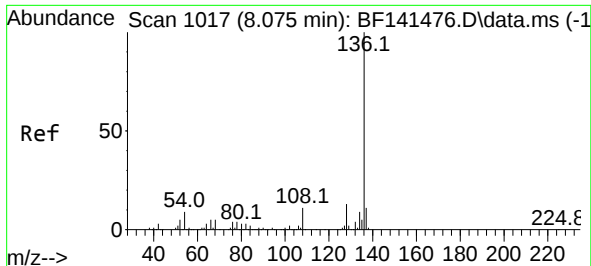
Tgt Ion: 70 Resp: 95642
Ion Ratio Lower Upper
70 100
42 55.3 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#



#20
3+4-Methylphenols
Concen: 0.016 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 107 Resp: 117
Ion Ratio Lower Upper
107 100
108 0.0 68.5 108.5#
77 0.0 116.5 156.5#
79 0.0 12.0 52.0#

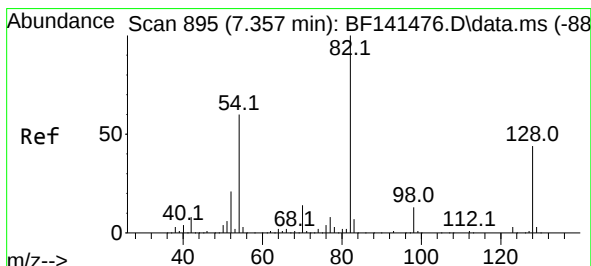
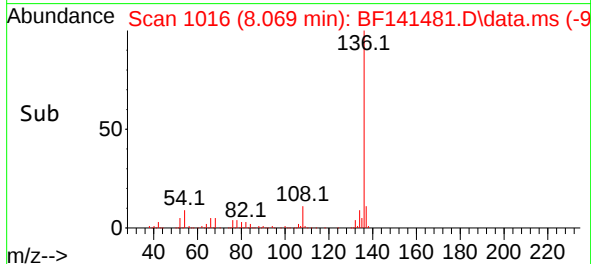
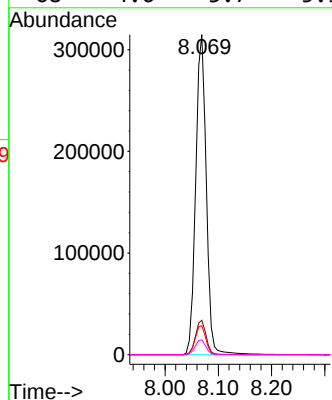
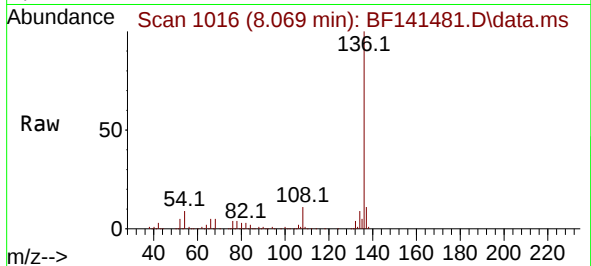




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

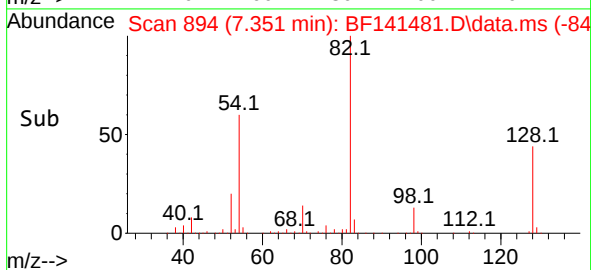
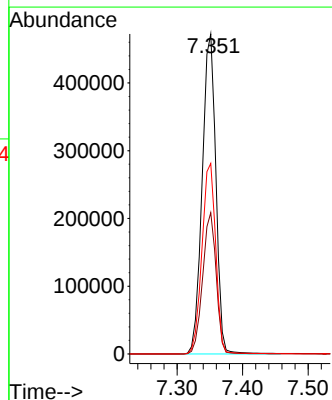
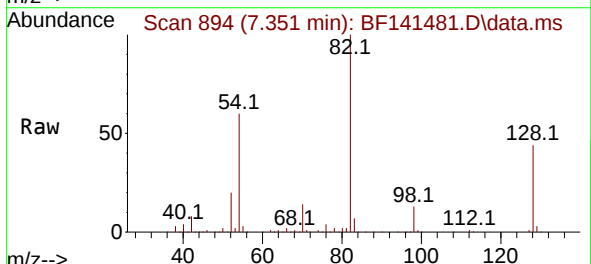
Instrument :
BNA_F
ClientSampleId :
PB166563BL

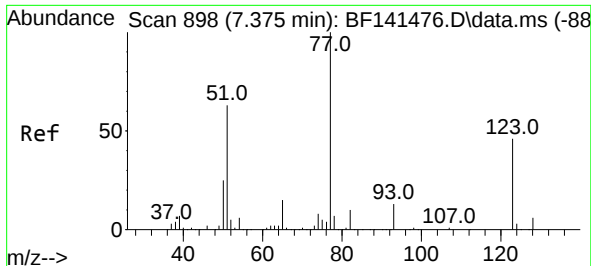
Tgt Ion:136 Resp: 432132
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.2 10.8
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 82.919 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 82 Resp: 686987
Ion Ratio Lower Upper
82 100
128 44.1 34.8 52.2
54 59.6 48.2 72.4

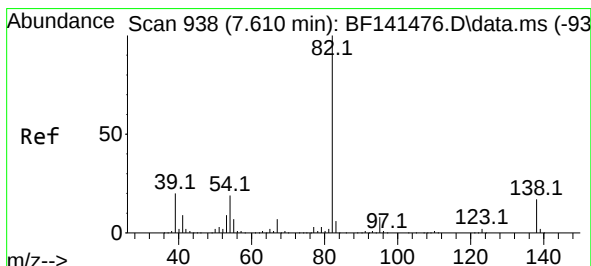
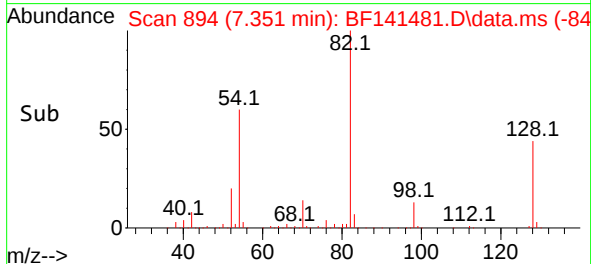
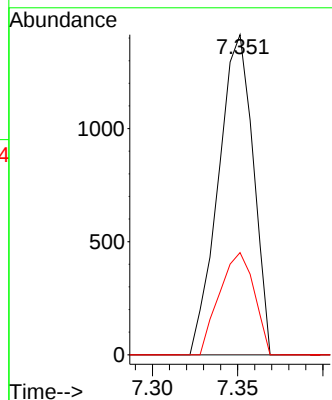
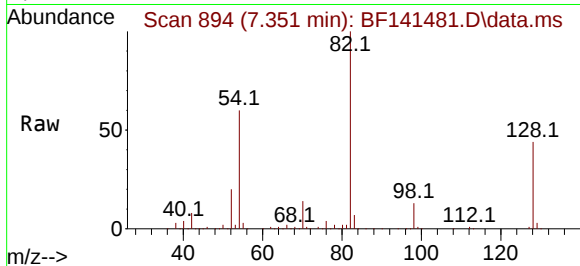




#24
Nitrobenzene
Concen: 0.249 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.029 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

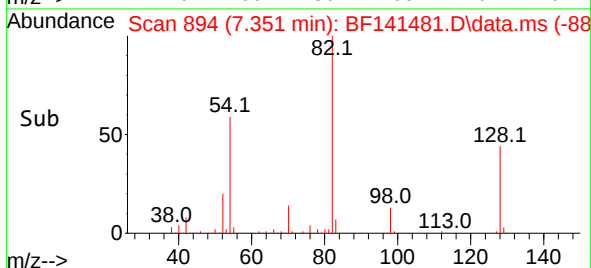
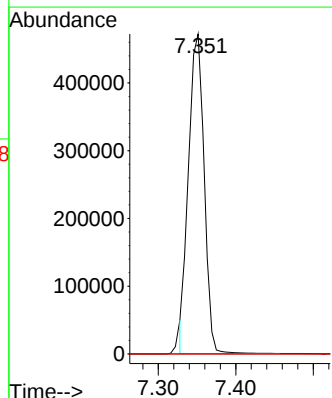
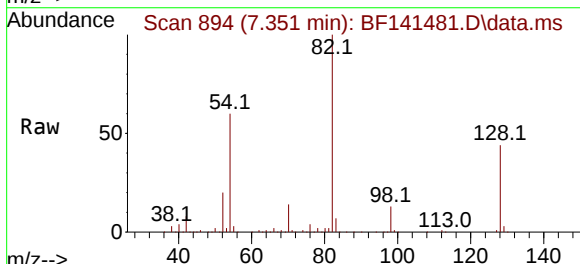
Instrument :
BNA_F
ClientSampleId :
PB166563BL

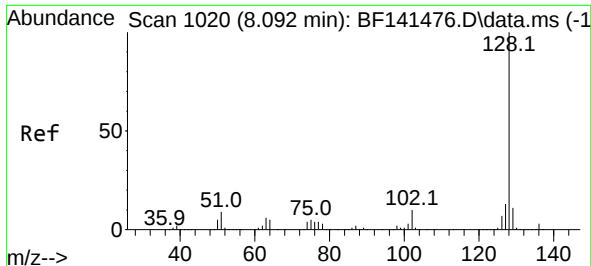
Tgt Ion: 77 Resp: 2011
Ion Ratio Lower Upper
77 100
123 0.0 36.9 55.3#
65 31.9 11.9 17.9#



#25
Isophorone
Concen: 49.915 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 82 Resp: 659388
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#

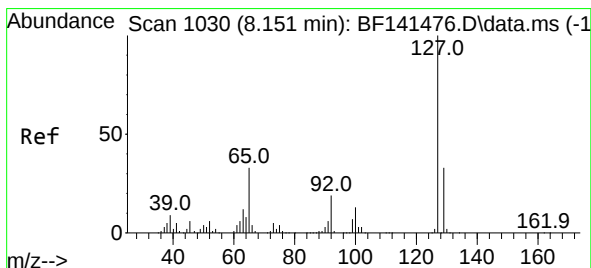
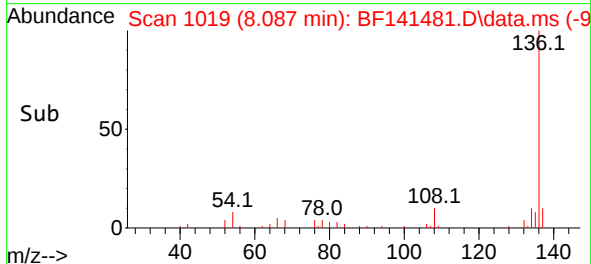
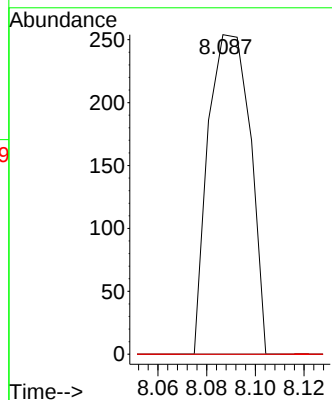
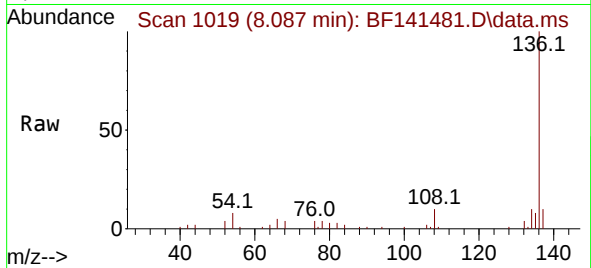




#31
Naphthalene
Concen: 0.014 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

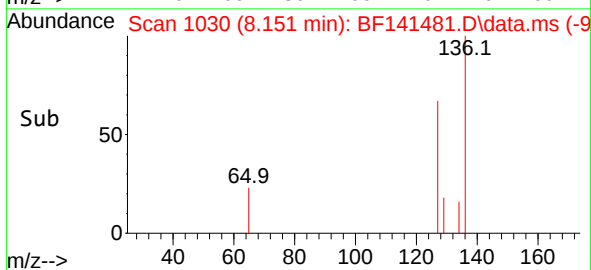
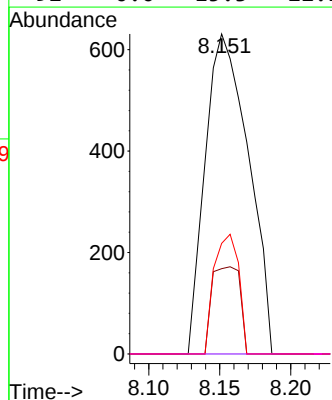
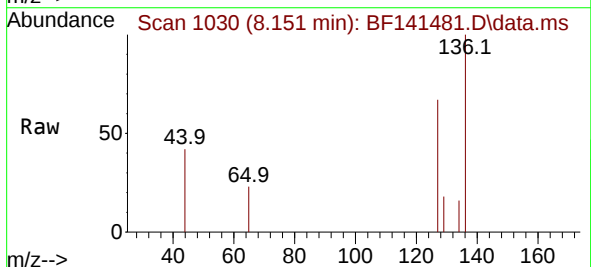
Instrument :
BNA_F
ClientSampleId :
PB166563BL

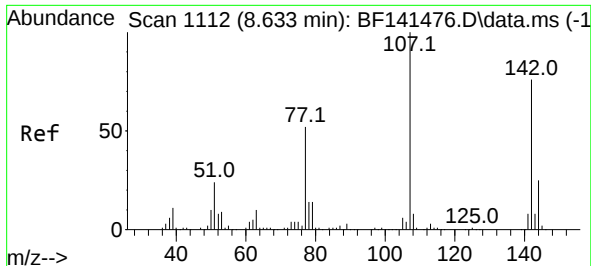
Tgt Ion:128 Resp: 304
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.7 16.1#



#33
4-Chloroaniline
Concen: 0.170 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:127 Resp: 1335
Ion Ratio Lower Upper
127 100
129 26.6 26.5 39.7
65 34.5 26.4 39.6
92 0.0 15.3 22.9#





#36

4-Chloro-3-methylphenol

Concen: 0.101 ng

RT: 8.640 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

Instrument :

BNA_F

ClientSampleId :

PB166563BL

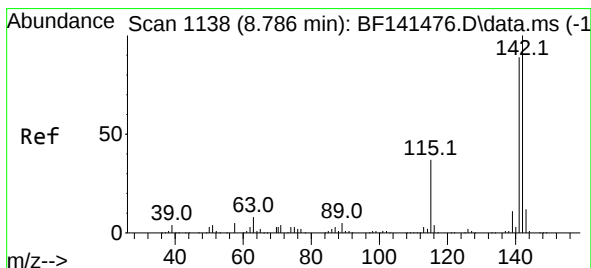
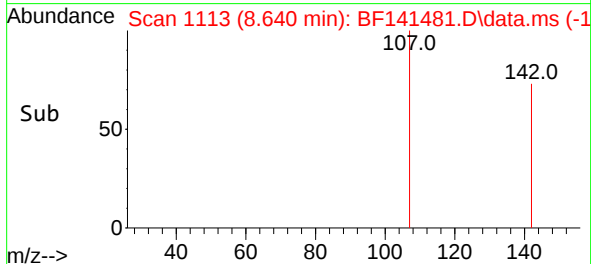
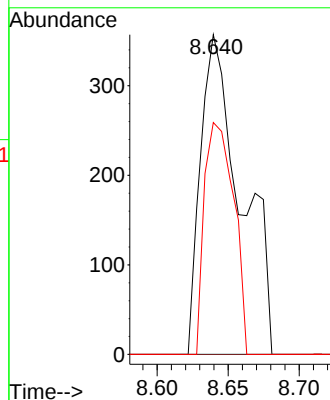
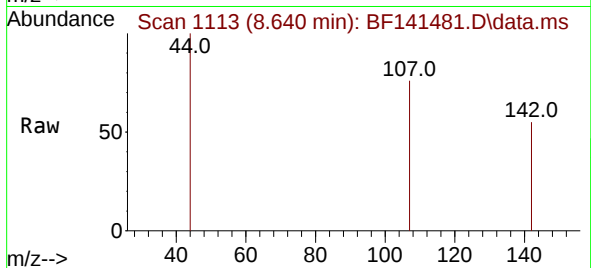
Tgt Ion:107 Resp: 707

Ion Ratio Lower Upper

107 100

144 0.0 19.7 29.5#

142 72.5 60.8 91.2



#37

2-Methylnaphthalene

Concen: 0.009 ng

RT: 8.781 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF141481.D

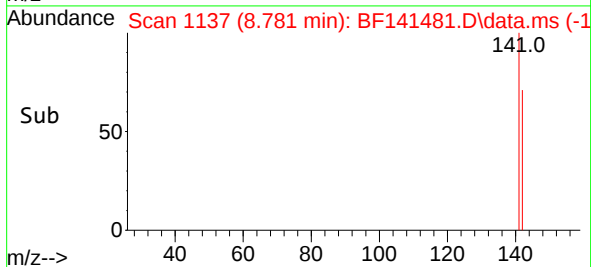
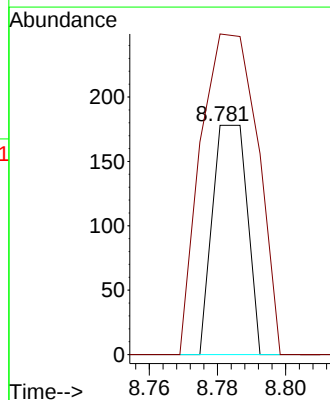
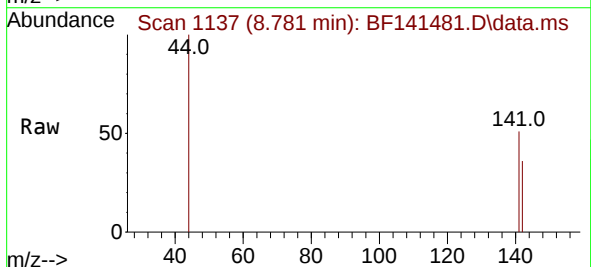
Acq: 06 Feb 2025 15:43

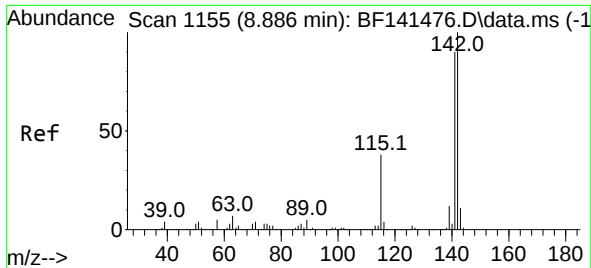
Tgt Ion:142 Resp: 126

Ion Ratio Lower Upper

142 100

141 139.9 71.2 106.8#

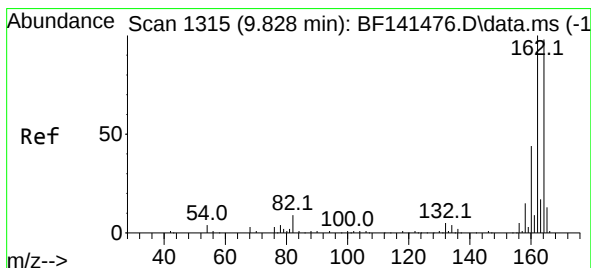
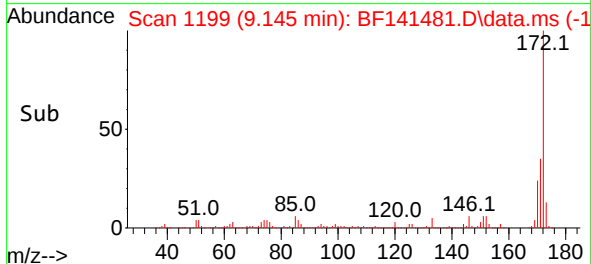
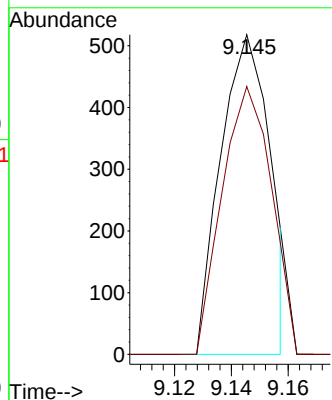
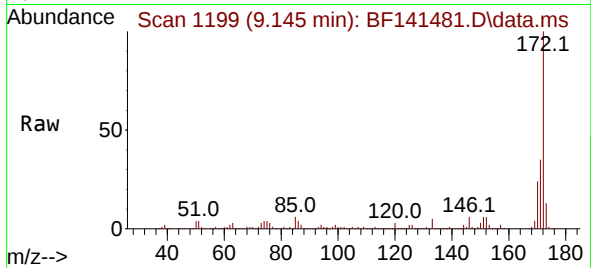




#38
1-Methylnaphthalene
Concen: 0.045 ng
RT: 9.145 min Scan# 1155
Delta R.T. 0.259 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

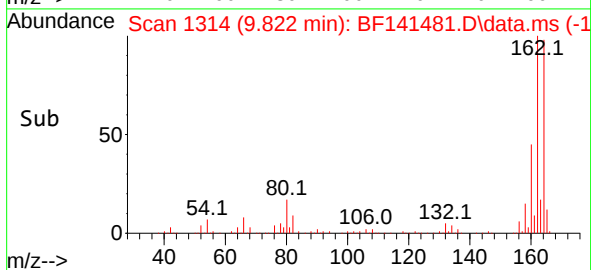
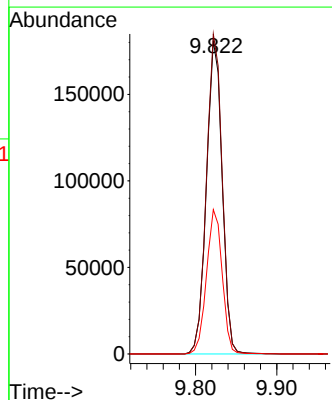
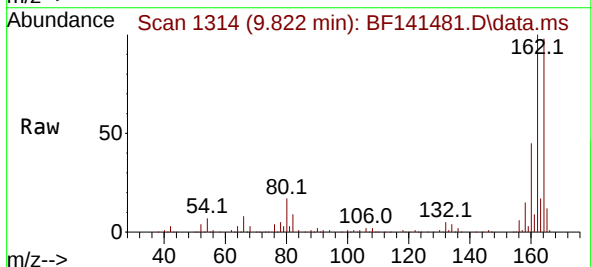
Instrument :
BNA_F
ClientSampleId :
PB166563BL

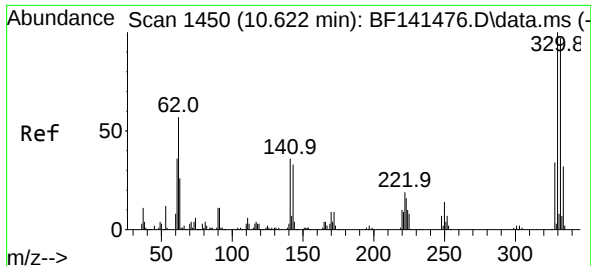
Tgt Ion:142 Resp: 636
Ion Ratio Lower Upper
142 100
141 83.8 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

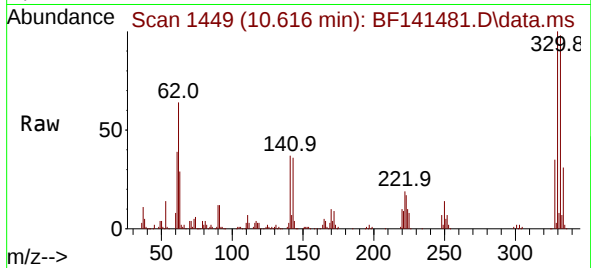
Tgt Ion:164 Resp: 242806
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 46.1 35.9 53.9



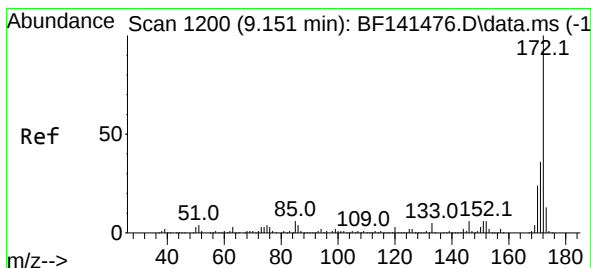
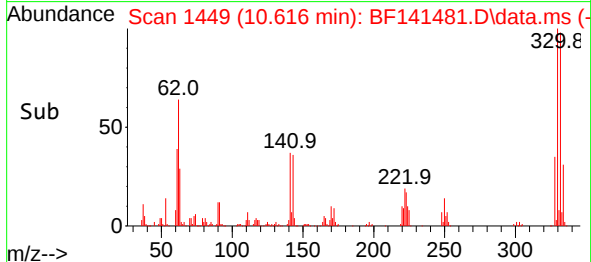
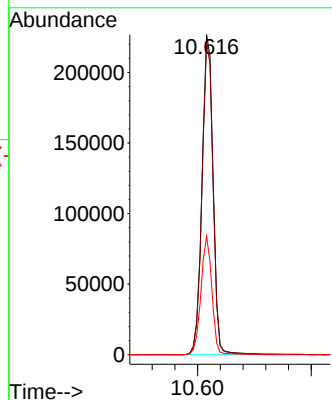


#42
2,4,6-Tribromophenol
Concen: 126.582 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Instrument :
BNA_F
ClientSampleId :
PB166563BL

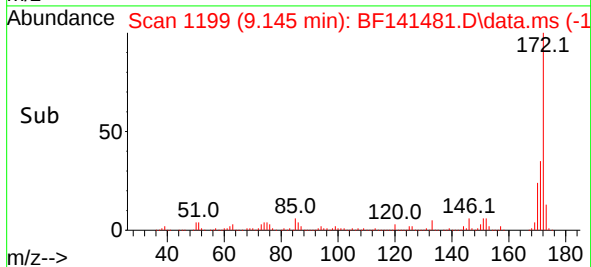
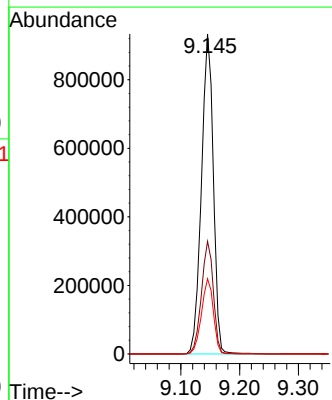
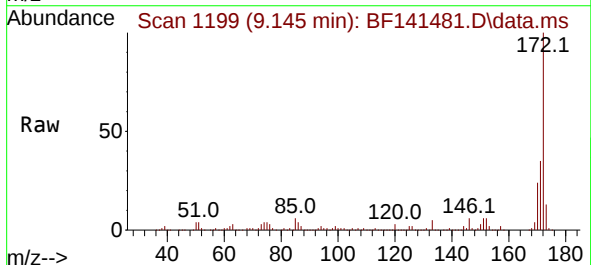


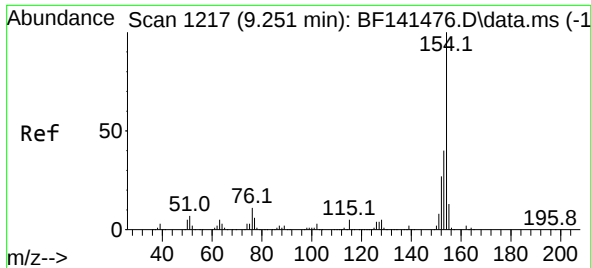
Tgt Ion:330 Resp: 308745
Ion Ratio Lower Upper
330 100
332 97.4 78.5 117.7
141 36.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 83.386 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:172 Resp: 1314168
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.5 18.9 28.3

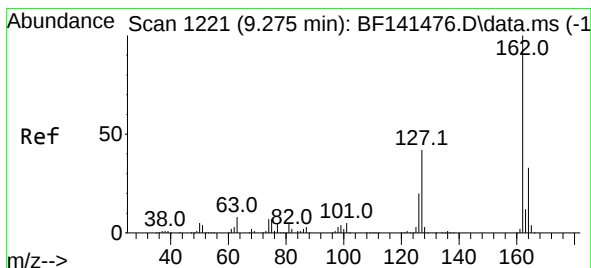
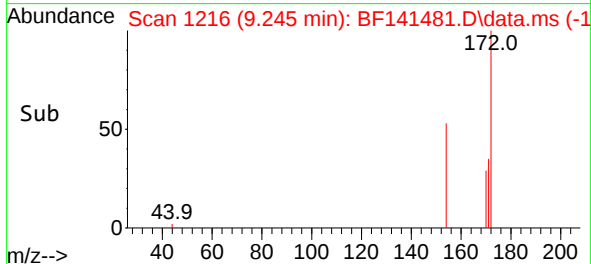
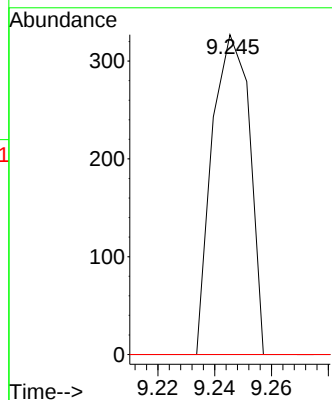
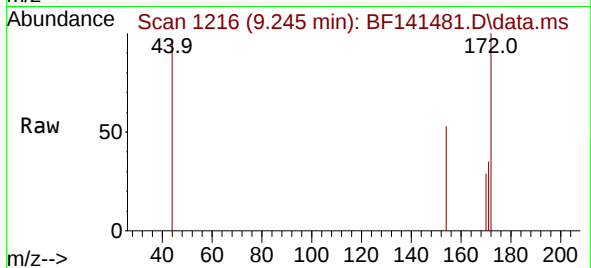




#46
1,1'-Biphenyl
Concen: 0.016 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

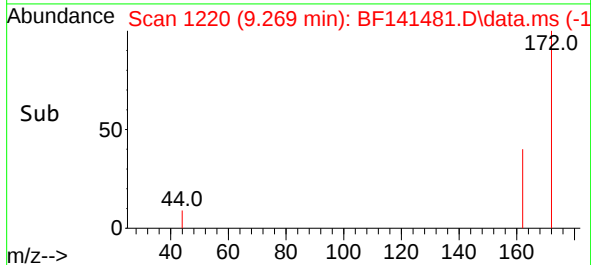
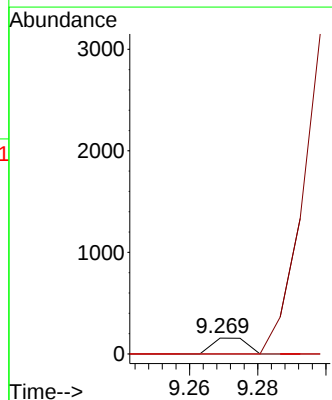
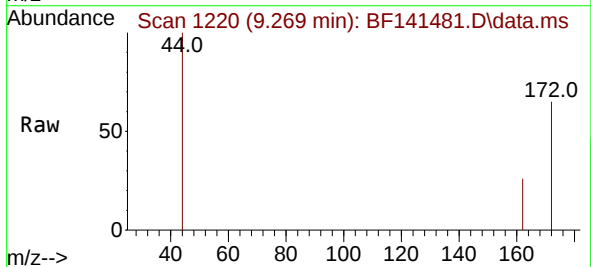
Instrument :
BNA_F
ClientSampleId :
PB166563BL

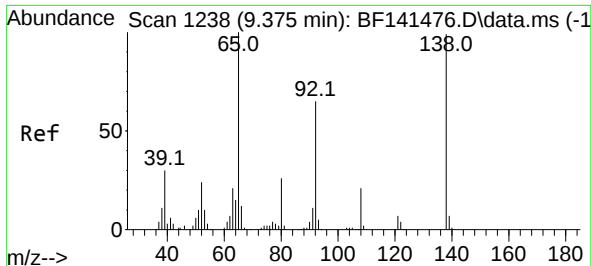
Tgt Ion:154 Resp: 300
Ion Ratio Lower Upper
154 100
153 0.0 20.4 60.4#
76 0.0 0.0 30.8



#47
2-Chloronaphthalene
Concen: 0.008 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:162 Resp: 109
Ion Ratio Lower Upper
162 100
127 0.0 34.1 51.1#
164 0.0 26.3 39.5#

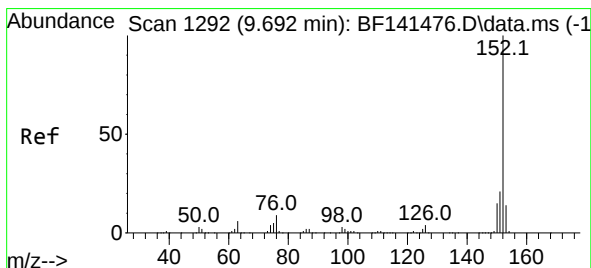
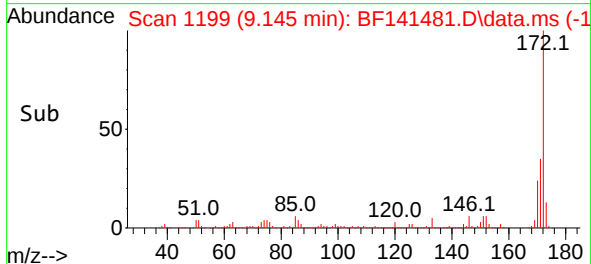
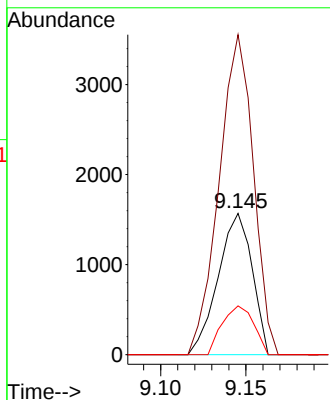
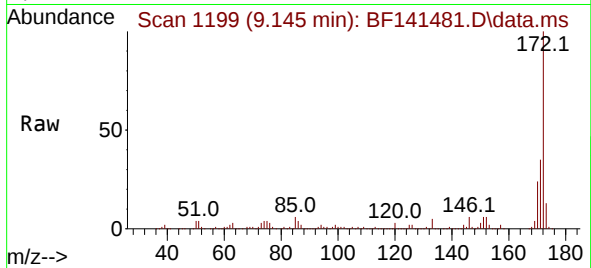




#48
2-Nitroaniline
Concen: 0.465 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.235 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

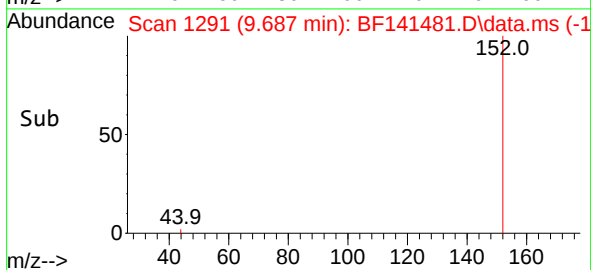
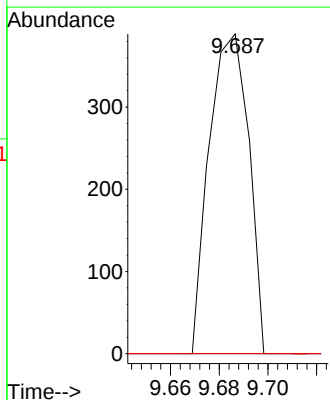
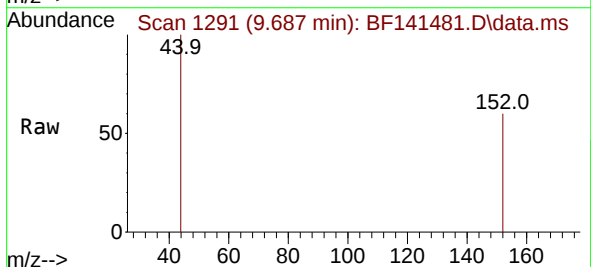
Instrument :
BNA_F
ClientSampleId :
PB166563BL

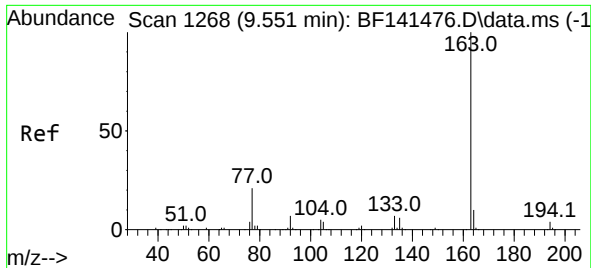
Tgt Ion: 65 Resp: 2171
Ion Ratio Lower Upper
65 100
92 226.5 52.2 78.2#
138 34.5 79.5 119.3#



#49
Acenaphthylene
Concen: 0.021 ng
RT: 9.687 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 152 Resp: 439
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6#
153 0.0 10.9 16.3#

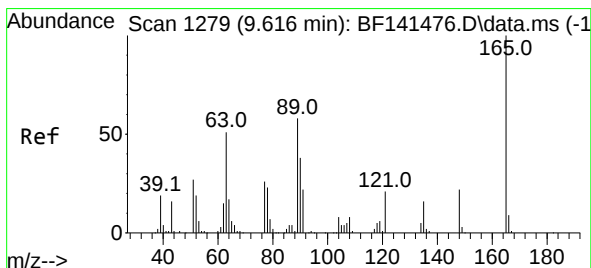
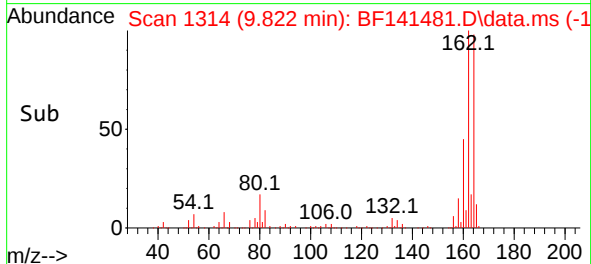
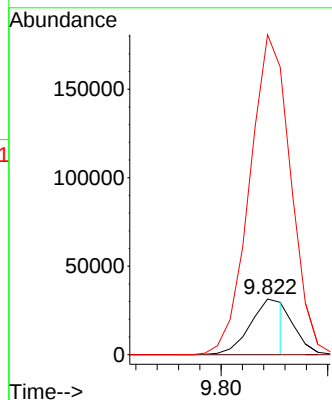
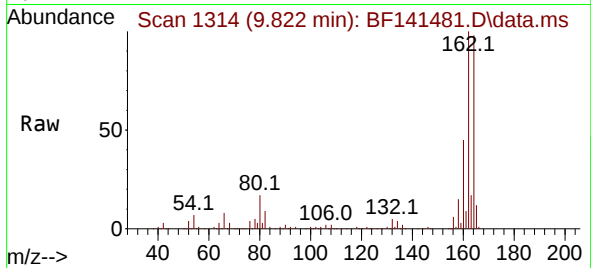




#50
Dimethylphthalate
Concen: 2.072 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

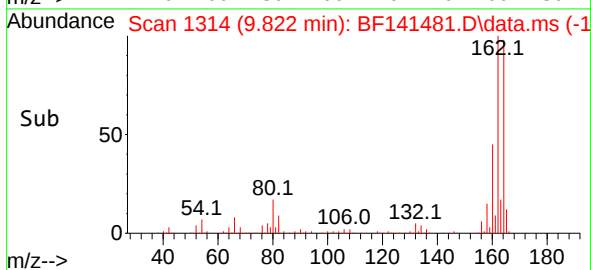
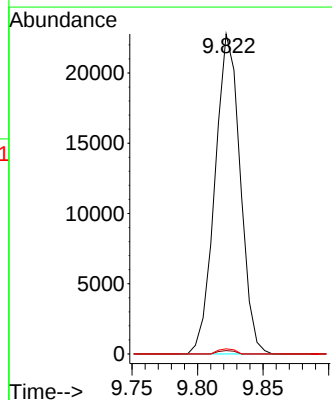
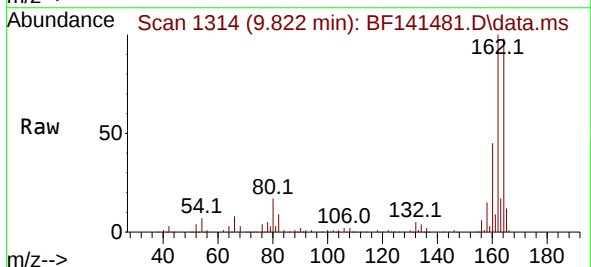
Instrument :
BNA_F
ClientSampleId :
PB166563BL

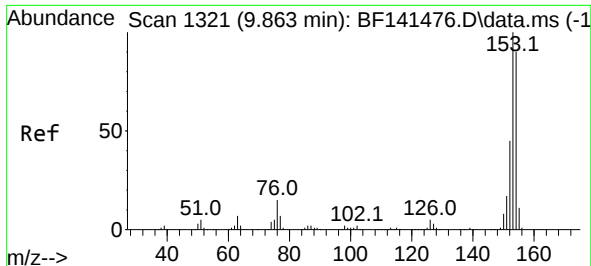
Tgt Ion:163 Resp: 34152
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 574.6 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.461 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:165 Resp: 30490
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.6 46.5 69.7#

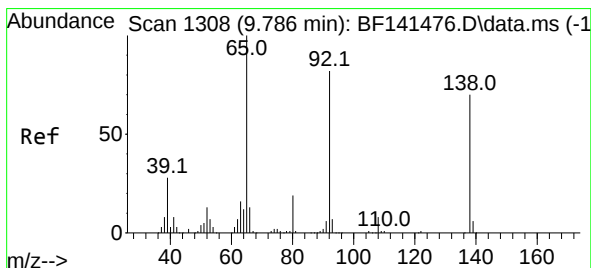
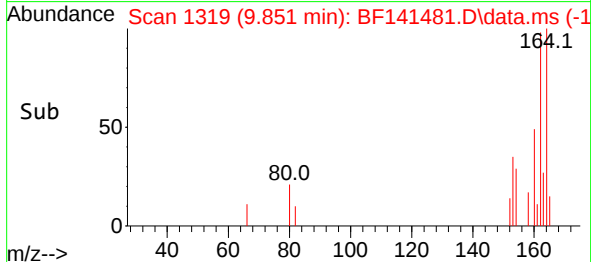
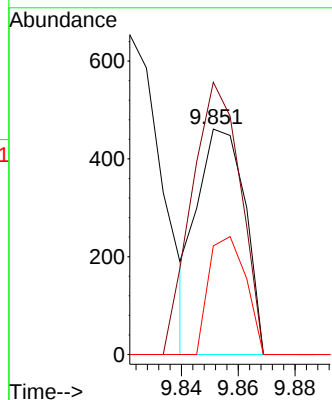
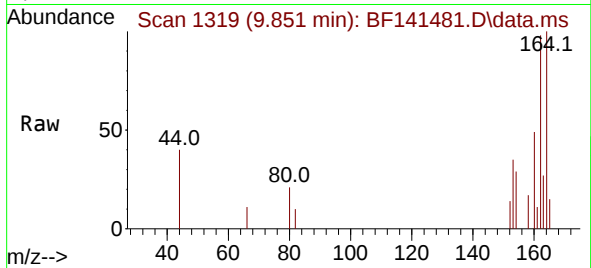




#52
Acenaphthene
Concen: 0.038 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

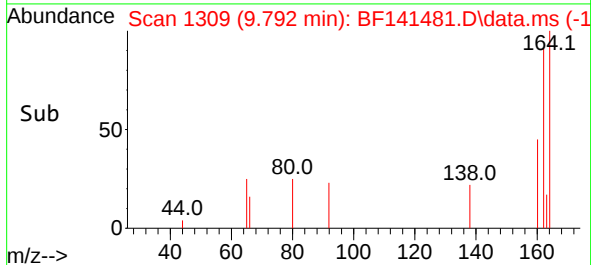
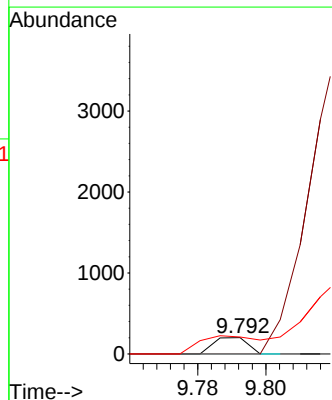
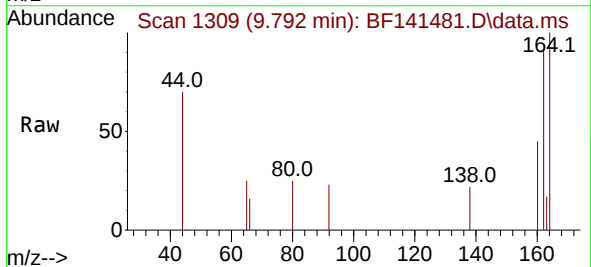
Instrument :
BNA_F
ClientSampleId :
PB166563BL

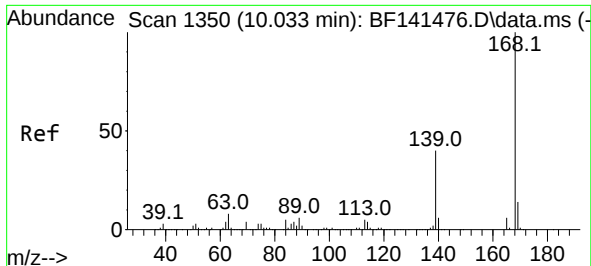
Tgt Ion:154 Resp: 532
Ion Ratio Lower Upper
154 100
153 120.8 89.2 133.8
152 48.2 39.8 59.8



#53
3-Nitroaniline
Concen: 0.036 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:138 Resp: 141
Ion Ratio Lower Upper
138 100
108 0.0 9.0 13.4#
92 104.0 93.7 140.5

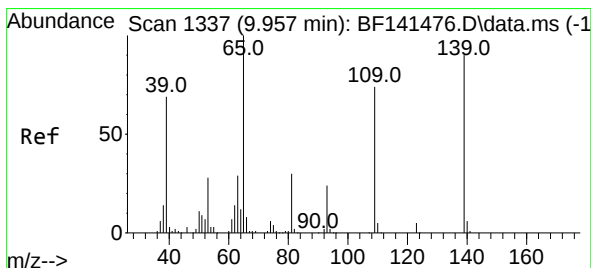
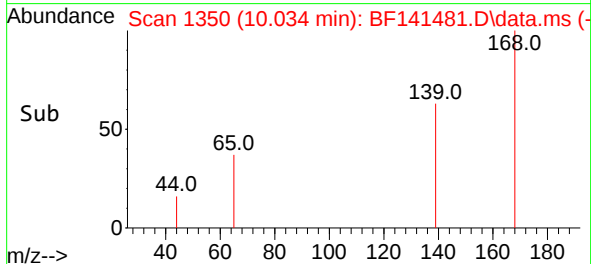
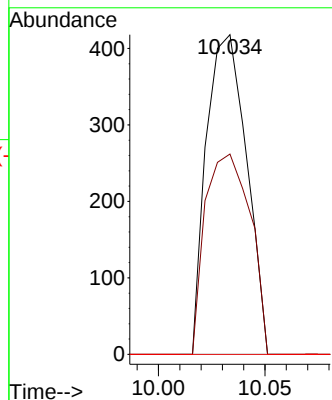
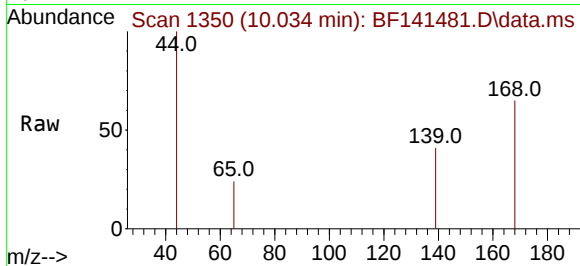




#55
Dibenzenofuran
Concen: 0.027 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

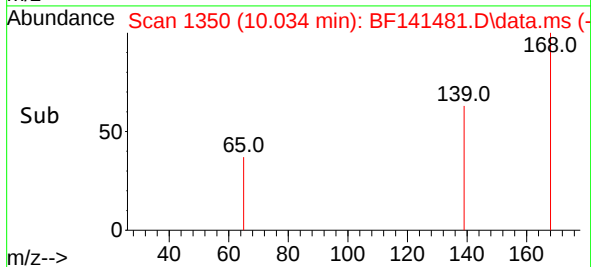
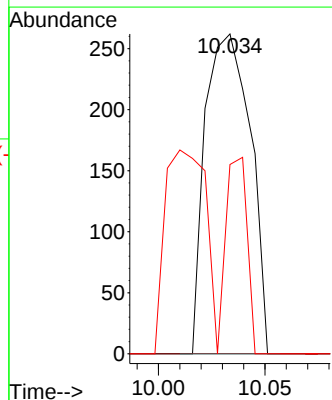
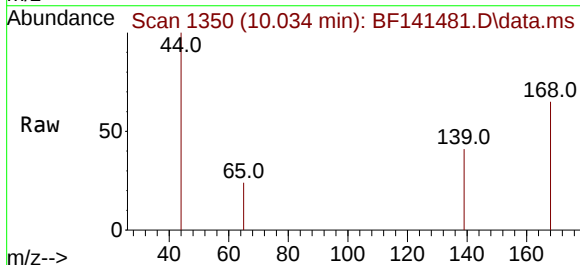
Instrument :
BNA_F
ClientSampleId :
PB166563BL

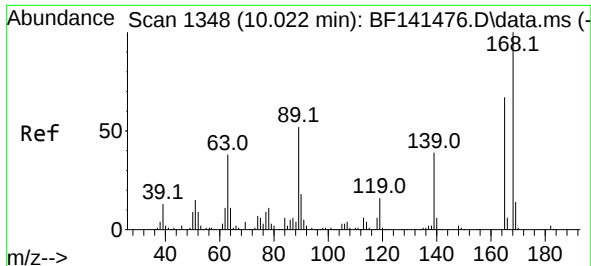
Tgt Ion:168 Resp: 548
Ion Ratio Lower Upper
168 100
139 62.7 32.7 49.1#
169 0.0 10.8 16.2#



#56
4-Nitrophenol
Concen: 0.134 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.065 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:139 Resp: 386
Ion Ratio Lower Upper
139 100
109 0.0 62.0 102.0#
65 59.2 91.2 131.2#

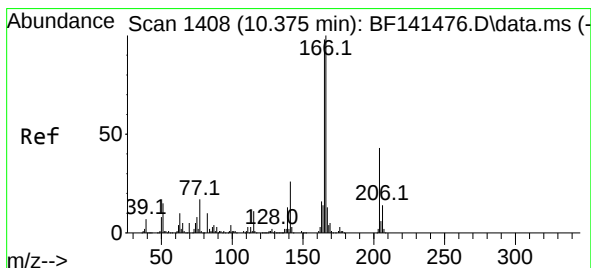
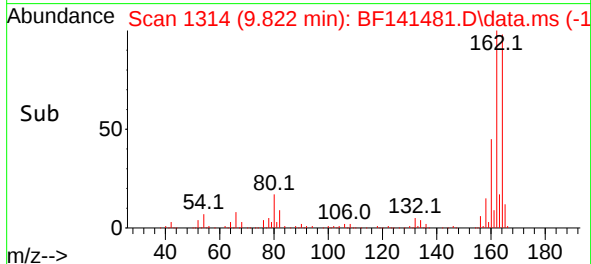
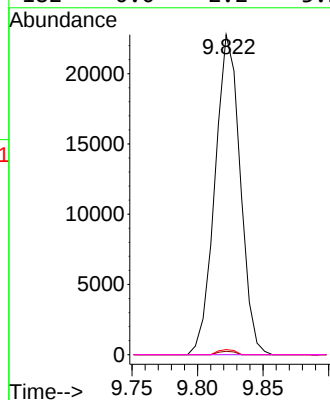
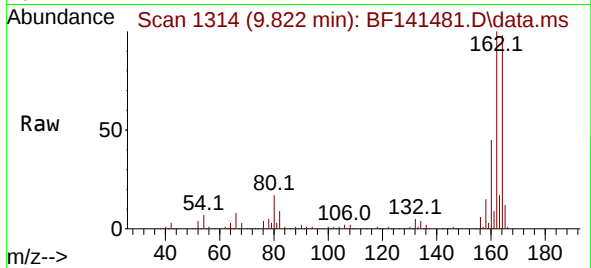




#57
2,4-Dinitrotoluene
Concen: 6.356 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

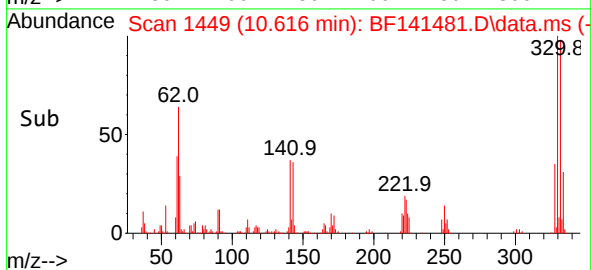
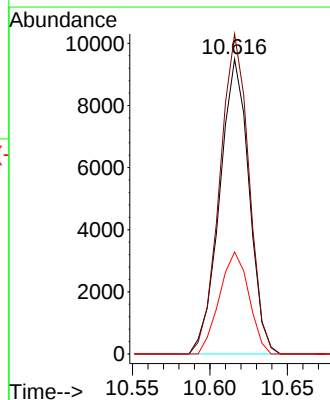
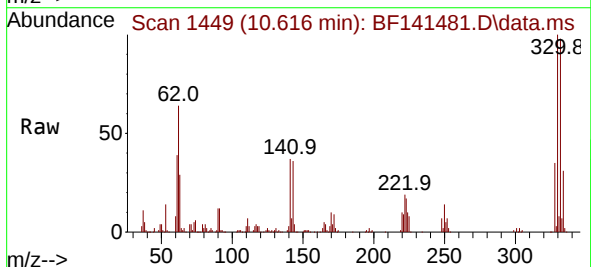
Instrument :
BNA_F
ClientSampleId :
PB166563BL

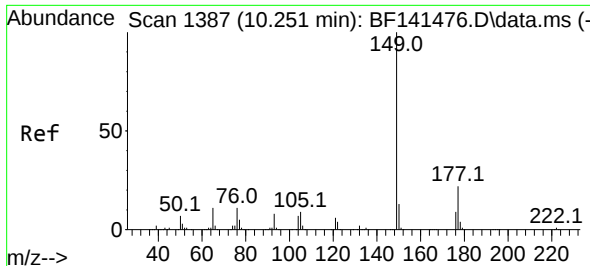
Tgt Ion:165 Resp: 30490
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.6 61.8 92.6#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: 0.792 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.236 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:166 Resp: 12514
Ion Ratio Lower Upper
166 100
165 108.5 78.2 117.2
167 34.5 10.7 16.1#

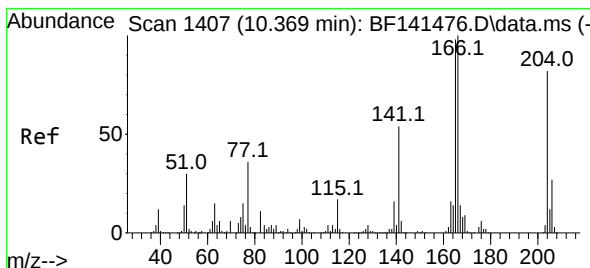
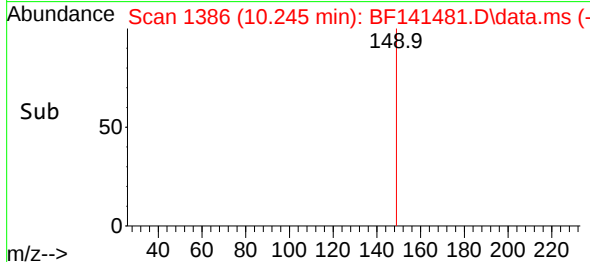
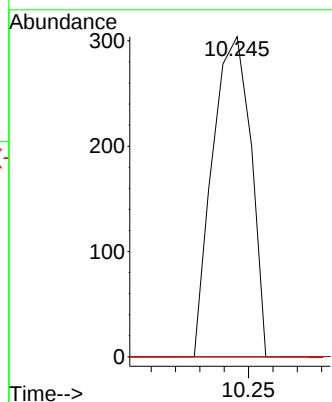
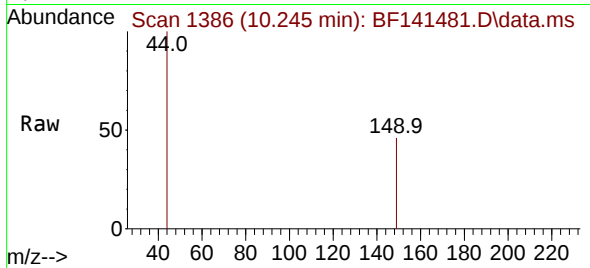




#60
Diethylphthalate
Concen: 0.020 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

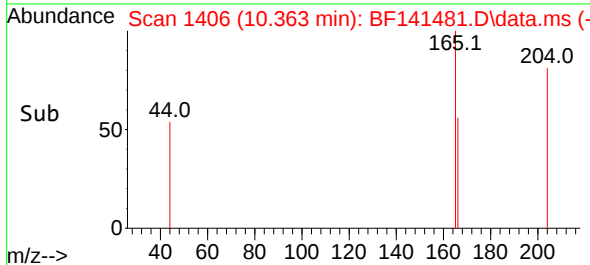
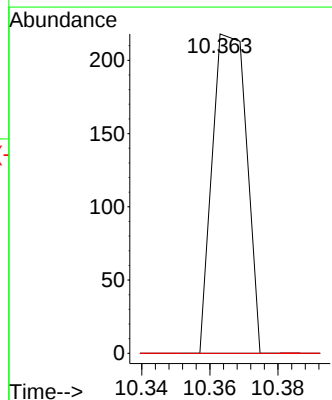
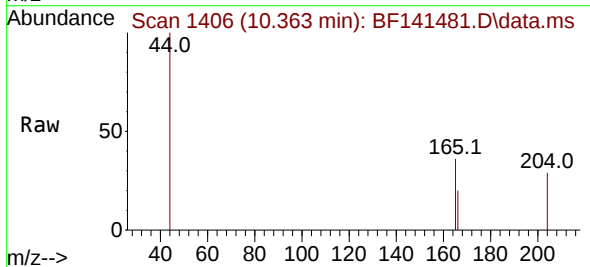
Instrument :
BNA_F
ClientSampleId :
PB166563BL

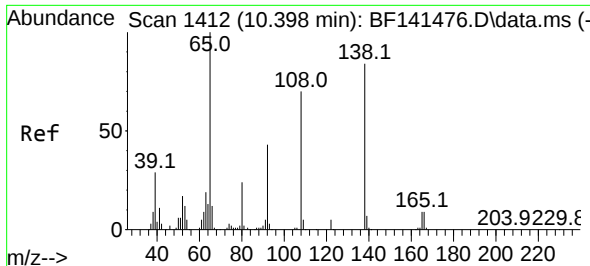
Tgt Ion:149 Resp: 332
Ion Ratio Lower Upper
149 100
177 0.0 17.8 26.6#
150 0.0 10.1 15.1#



#61
4-Chlorophenyl-phenylether
Concen: 0.020 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:204 Resp: 152
Ion Ratio Lower Upper
204 100
206 0.0 26.6 40.0#
141 0.0 51.9 77.9#

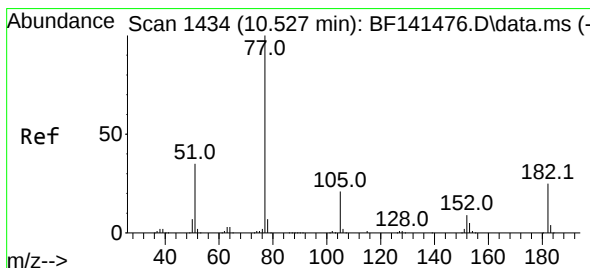
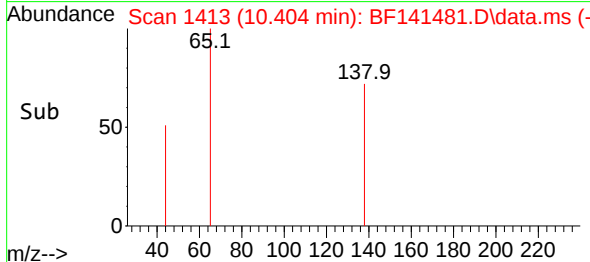
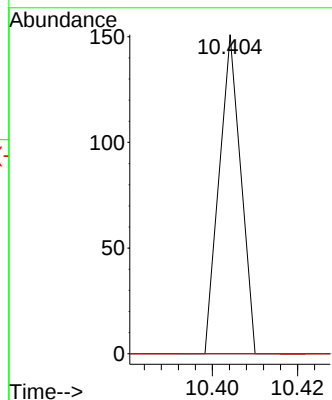
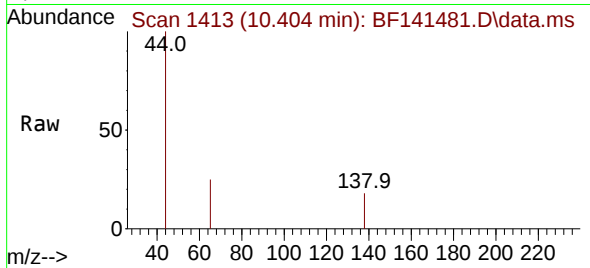




#62
4-Nitroaniline
Concen: 0.013 ng
RT: 10.404 min Scan# 1412
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

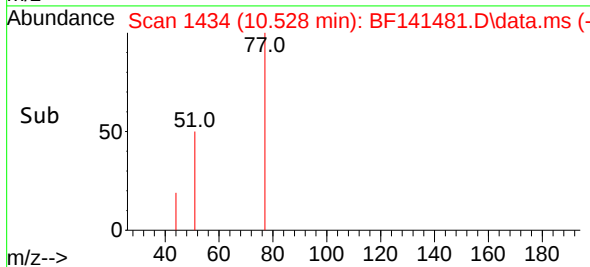
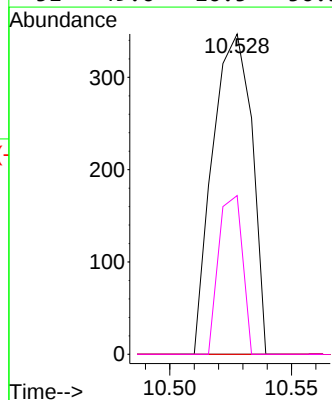
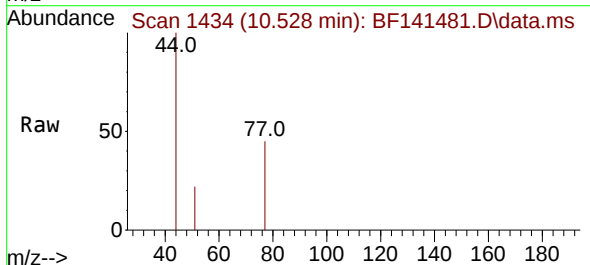
Instrument :
BNA_F
ClientSampleId :
PB166563BL

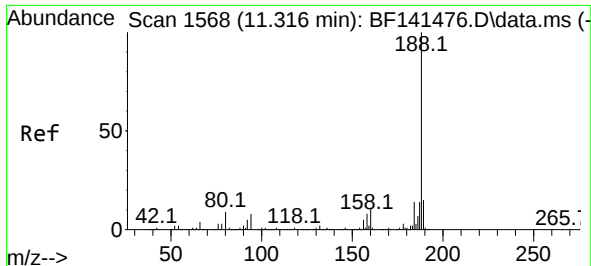
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 31.3 71.3#
108 0.0 63.7 103.7#



#63
Azobenzene
Concen: 0.024 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion: 77 Resp: 388
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 0.0 0.4 40.4#
51 49.6 16.5 56.5

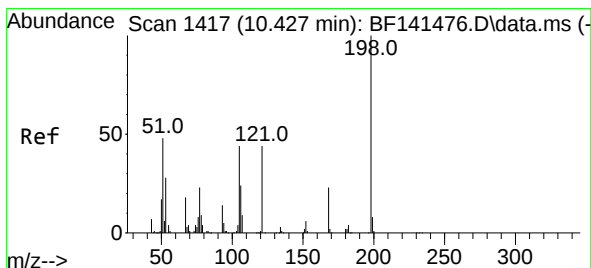
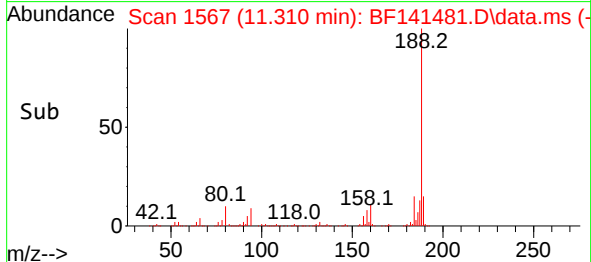
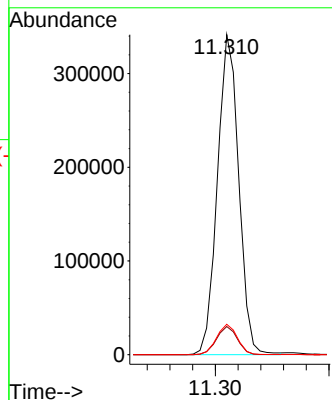
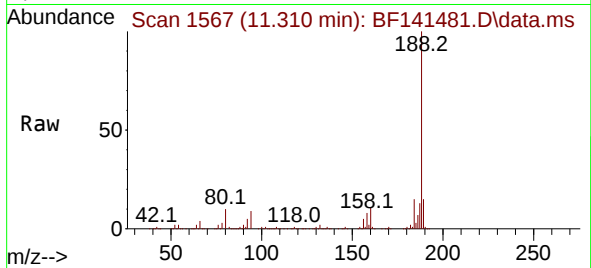




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

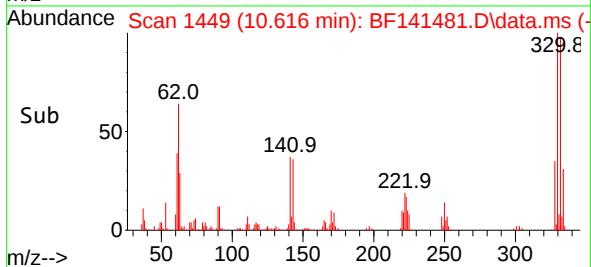
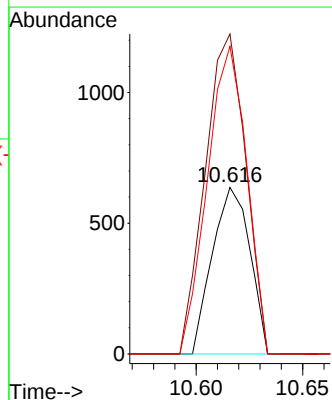
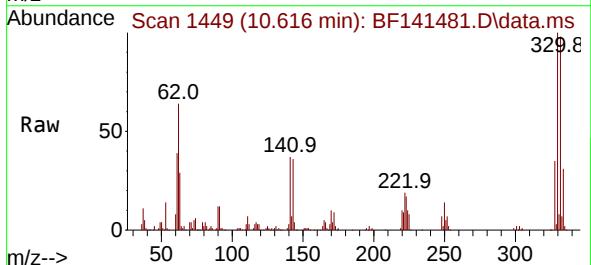
Instrument :
BNA_F
ClientSampleId :
PB166563BL

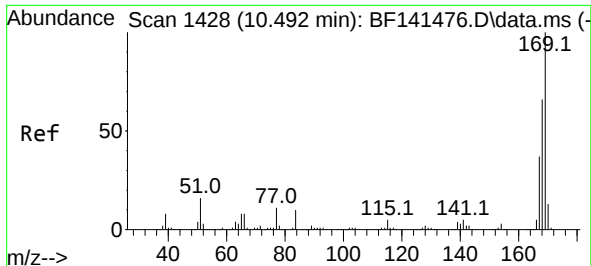
Tgt Ion:188 Resp: 445525
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.5 7.3 10.9



#65
4,6-Dinitro-2-methylphenol
Concen: 0.252 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.177 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:198 Resp: 780
Ion Ratio Lower Upper
198 100
51 192.2 37.4 77.4#
105 184.8 25.2 65.2#

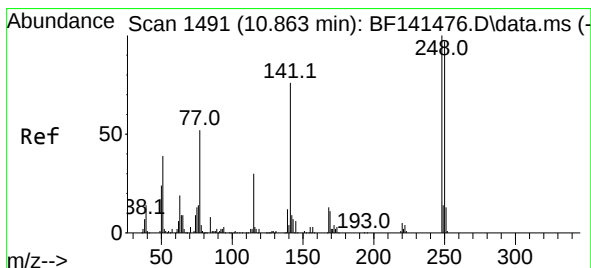
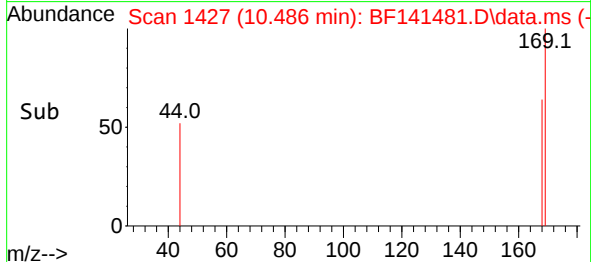
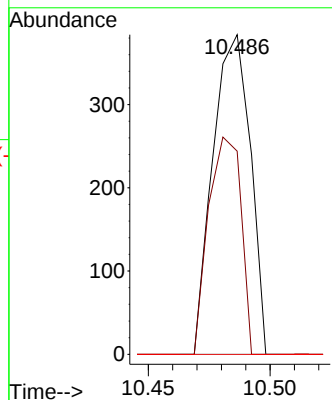
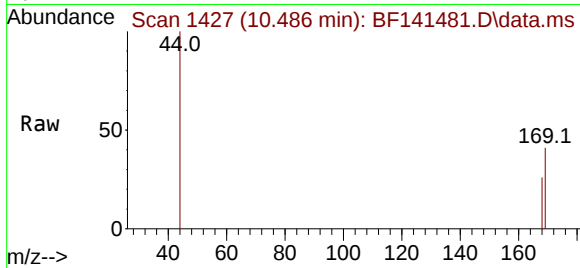




#66
 n-Nitrosodiphenylamine
 Concen: 0.029 ng
 RT: 10.486 min Scan# 1428
 Delta R.T. -0.011 min
 Lab File: BF141481.D
 Acq: 06 Feb 2025 15:43

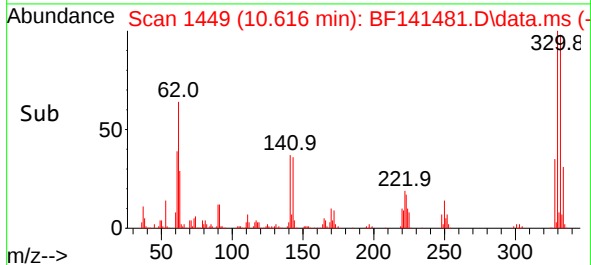
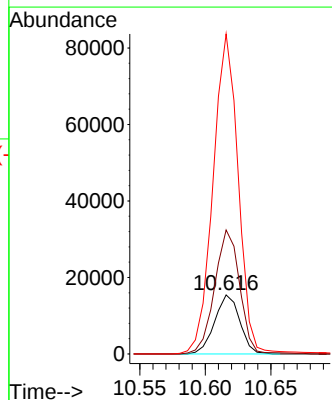
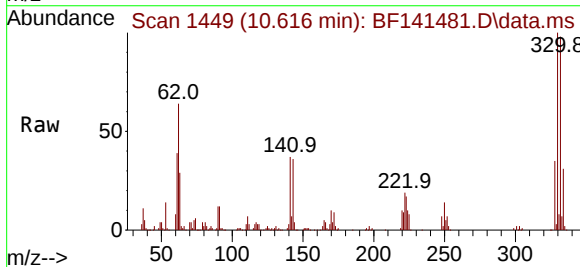
Instrument :
 BNA_F
 ClientSampleId :
 PB166563BL

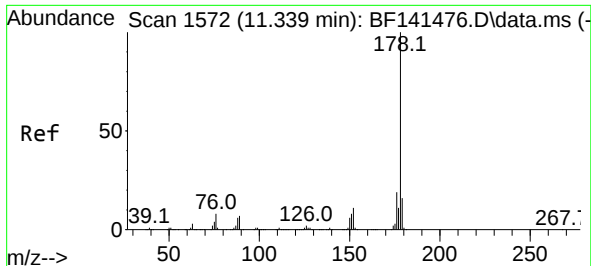
Tgt Ion:169 Resp: 410
 Ion Ratio Lower Upper
 169 100
 168 63.5 53.3 79.9
 167 0.0 29.4 44.2#



#67
 4-Bromophenyl-phenylether
 Concen: 4.120 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. -0.247 min
 Lab File: BF141481.D
 Acq: 06 Feb 2025 15:43

Tgt Ion:248 Resp: 20516
 Ion Ratio Lower Upper
 248 100
 250 210.1 77.8 116.6#
 141 542.3 60.6 90.8#

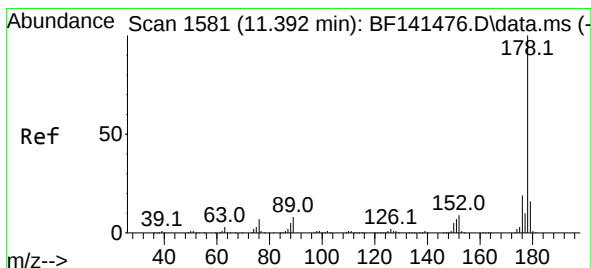
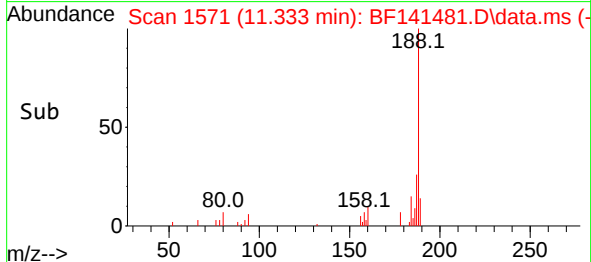
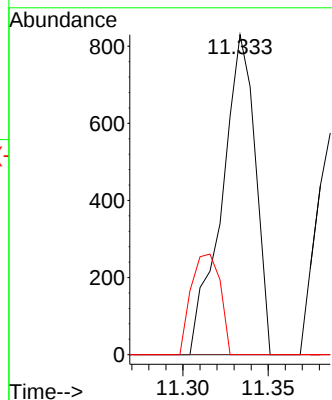
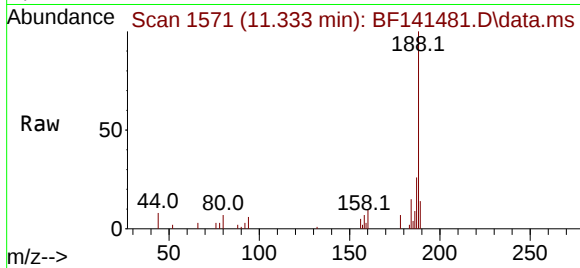




#71
Phenanthrene
Concen: 0.046 ng
RT: 11.333 min Scan# 1138
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

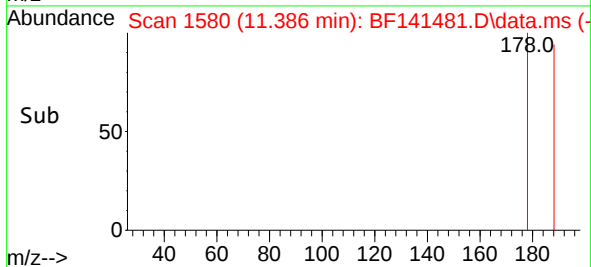
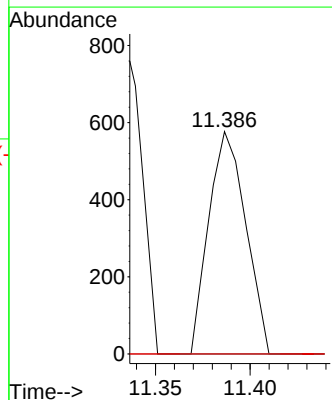
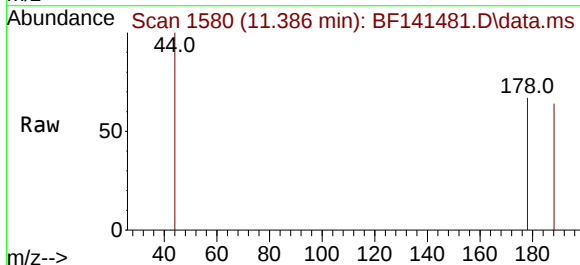
Instrument :
BNA_F
ClientSampleId :
PB166563BL

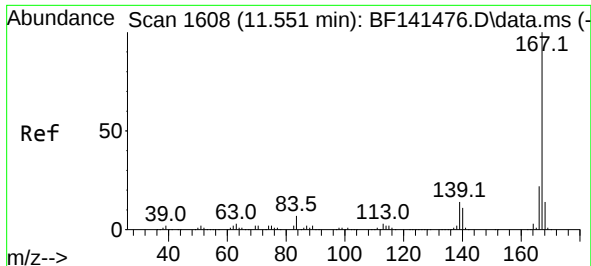
Tgt Ion:178 Resp: 1138
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 0.0 12.4 18.6#



#72
Anthracene
Concen: 0.032 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:178 Resp: 784
Ion Ratio Lower Upper
178 100
176 0.0 14.8 22.2#
179 0.0 12.4 18.6#

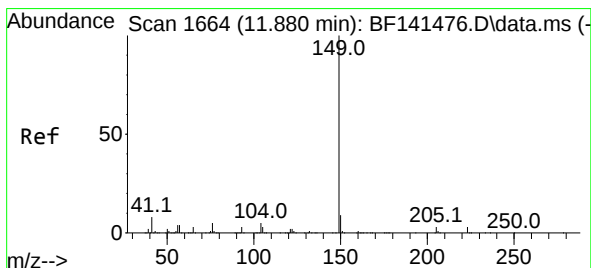
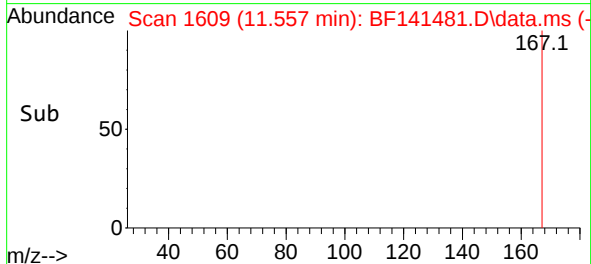
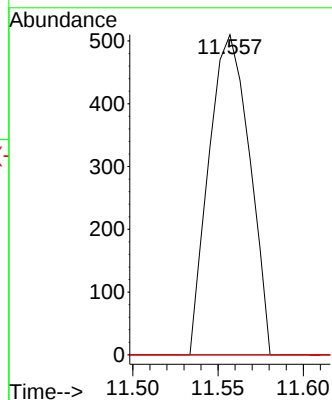
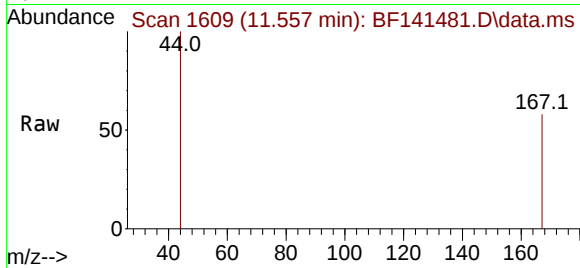




#73
Carbazole
Concen: 0.038 ng
RT: 11.557 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

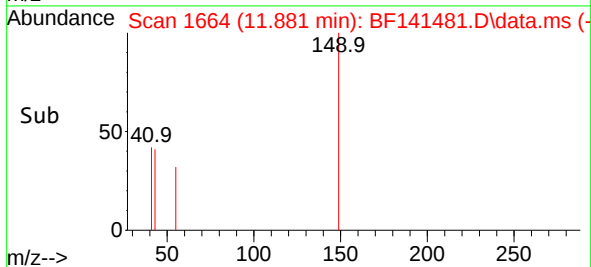
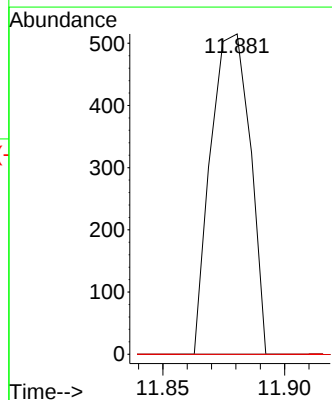
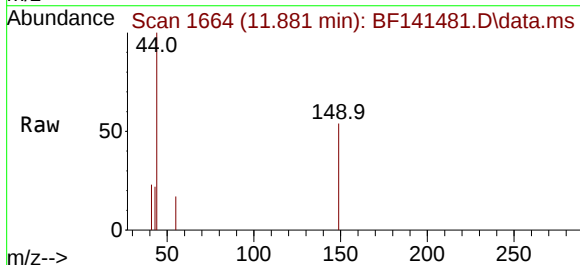
Instrument :
BNA_F
ClientSampleId :
PB166563BL

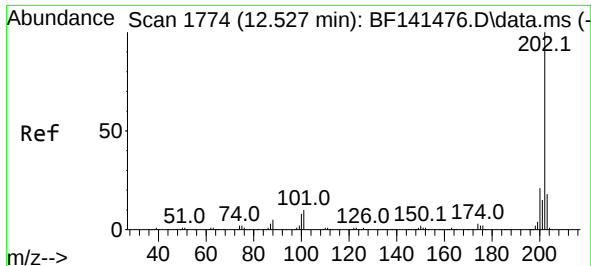
Tgt Ion:167 Resp: 847
Ion Ratio Lower Upper
167 100
166 0.0 17.4 26.2#
139 0.0 10.9 16.3#



#74
Di-n-butylphthalate
Concen: 0.023 ng
RT: 11.881 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:149 Resp: 580
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.2 6.2#

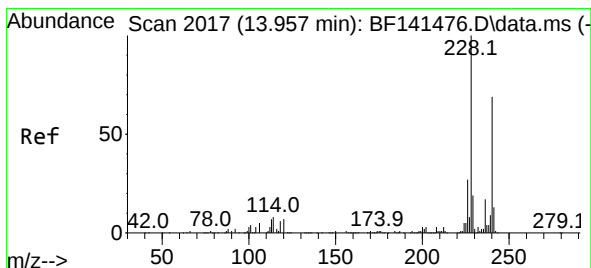
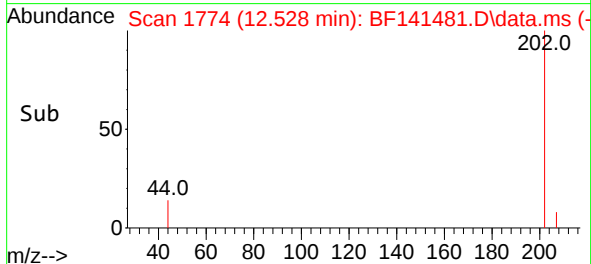
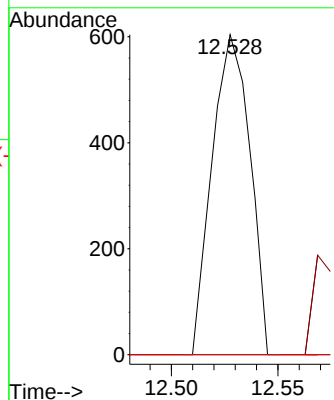
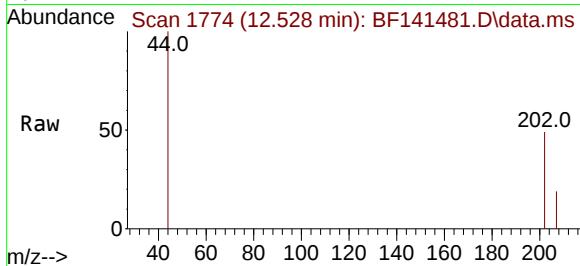




#75
Fluoranthene
Concen: 0.029 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

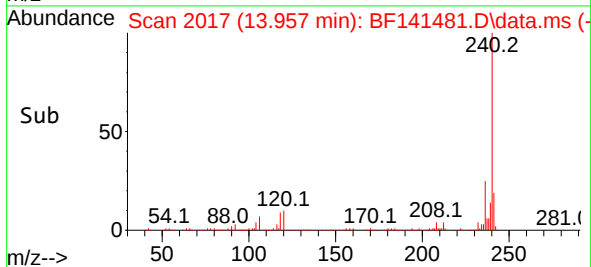
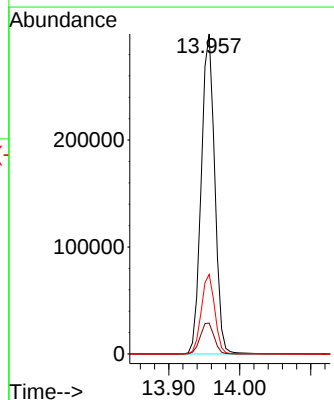
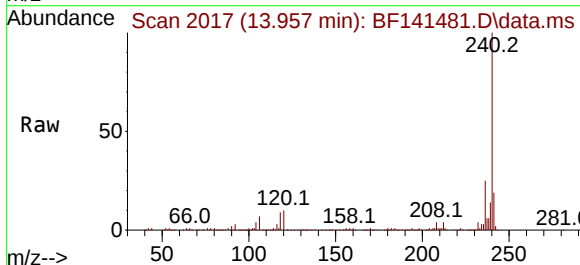
Instrument :
BNA_F
ClientSampleId :
PB166563BL

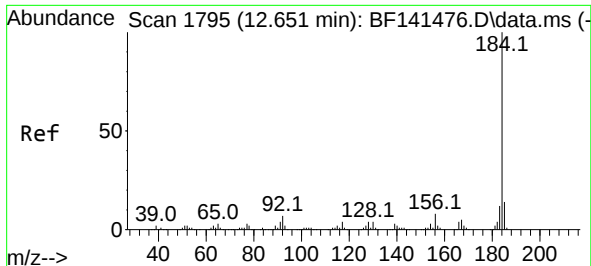
Tgt Ion:202	Resp:	747
Ion Ratio	Lower	Upper
202	100	
101	0.0	30.2
203	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

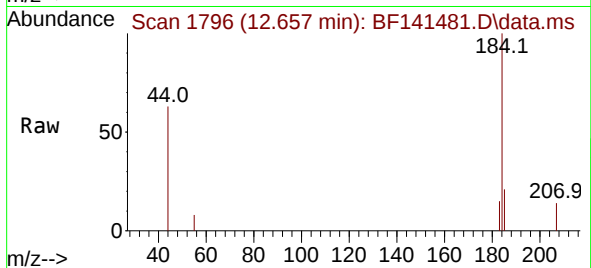
Tgt Ion:240	Resp:	395955
Ion Ratio	Lower	Upper
240	100	
120	9.7	12.0
236	24.9	29.8



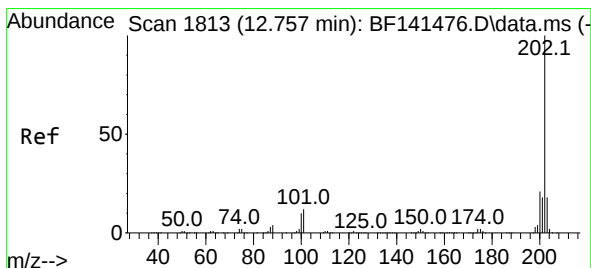
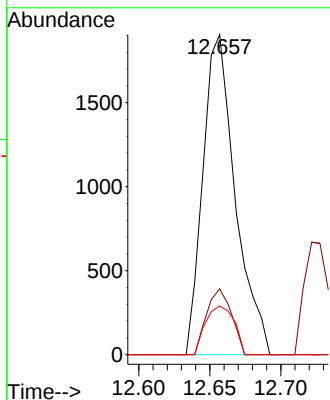
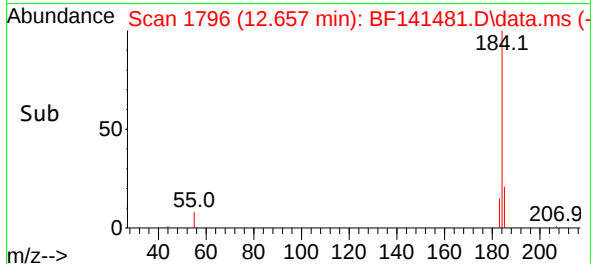


#77
Benzidine
Concen: 0.345 ng
RT: 12.657 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

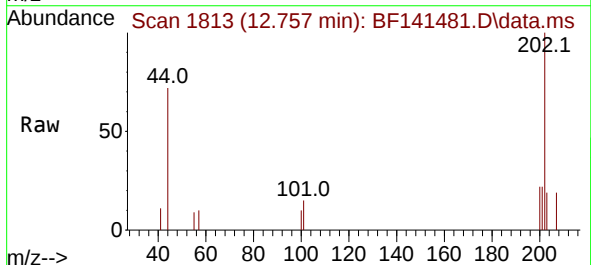
Instrument :
BNA_F
ClientSampleId :
PB166563BL



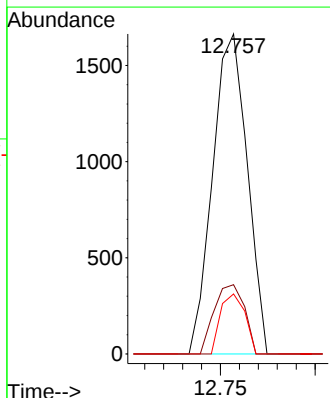
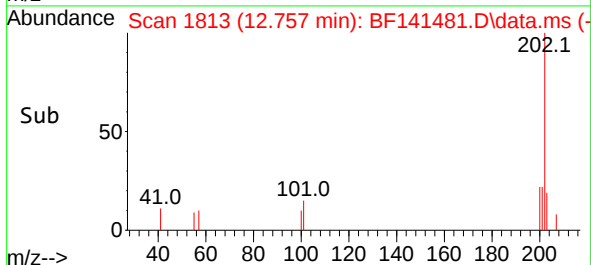
Tgt Ion:184 Resp: 3014
Ion Ratio Lower Upper
184 100
185 20.6 11.3 16.9#
183 15.2 9.3 13.9#

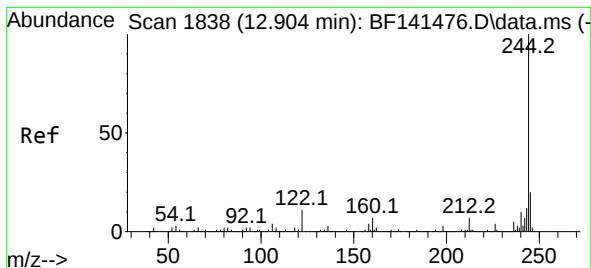


#78
Pyrene
Concen: 0.063 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43



Tgt Ion:202 Resp: 2110
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.8 14.3 21.5





#79

Terphenyl-d14

Concen: 72.900 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

Instrument :

BNA_F

ClientSampleId :

PB166563BL

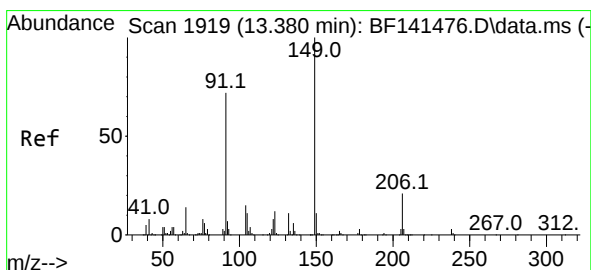
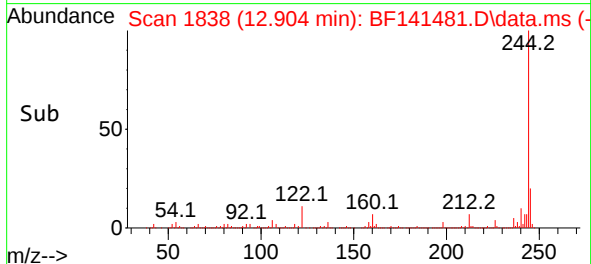
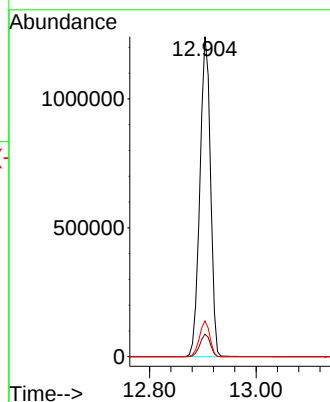
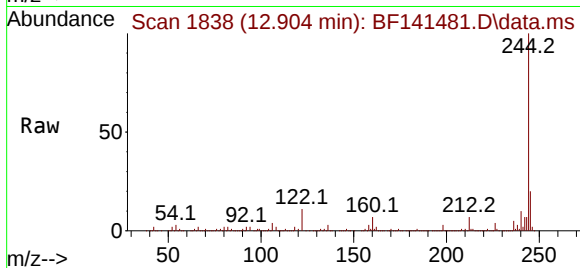
Tgt Ion:244 Resp: 1709837

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.1 8.4 12.6



#80

Butylbenzylphthalate

Concen: 0.017 ng

RT: 13.375 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

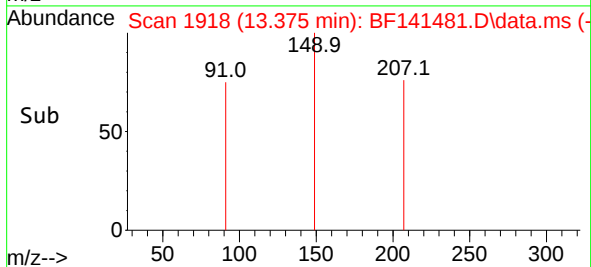
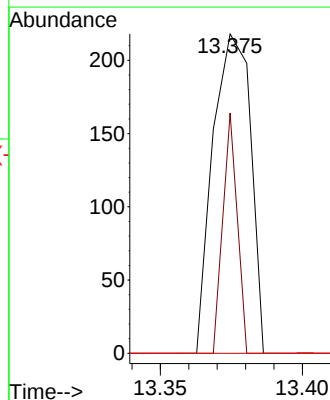
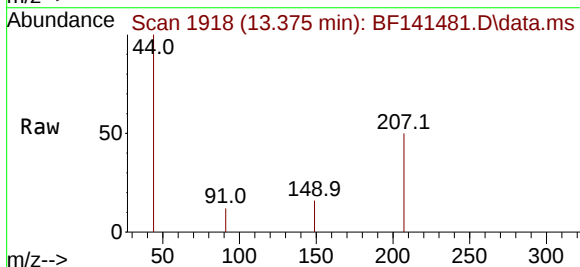
Tgt Ion:149 Resp: 201

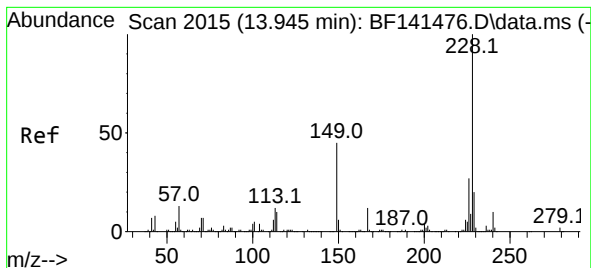
Ion Ratio Lower Upper

149 100

91 75.2 57.8 86.8

206 0.0 16.7 25.1#





#81

Benzo(a)anthracene

Concen: 0.089 ng

RT: 13.951 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

Instrument :

BNA_F

ClientSampleId :

PB166563BL

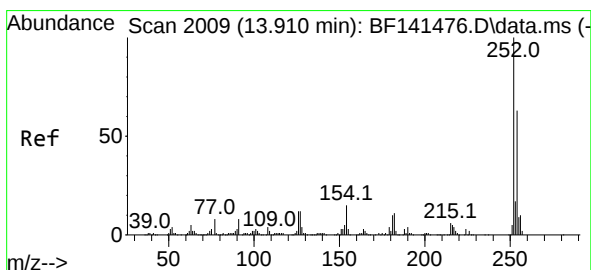
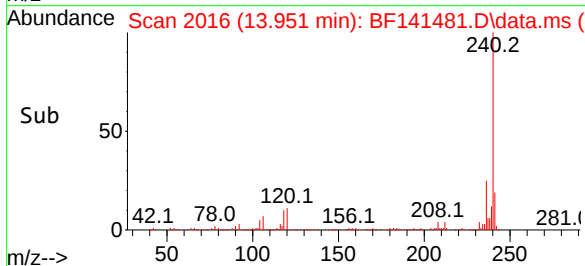
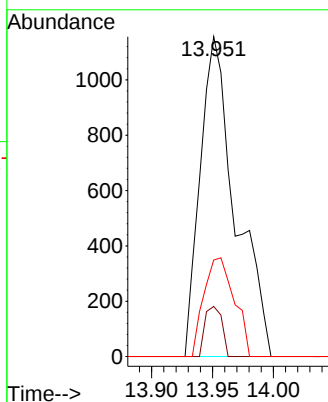
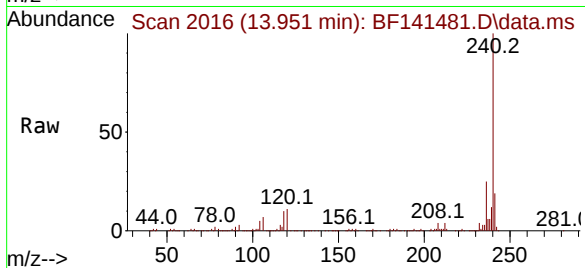
Tgt Ion:228 Resp: 2331

Ion Ratio Lower Upper

228 100

226 15.7 21.8 32.8#

229 30.2 15.8 23.6#



#82

3,3'-Dichlorobenzidine

Concen: 0.016 ng

RT: 13.916 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

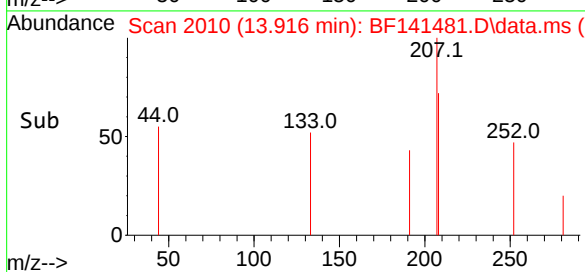
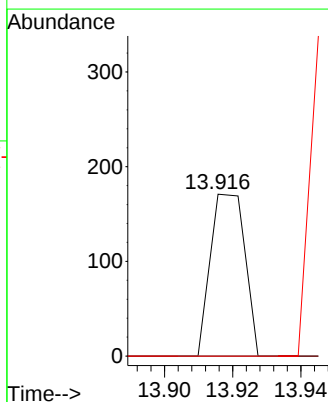
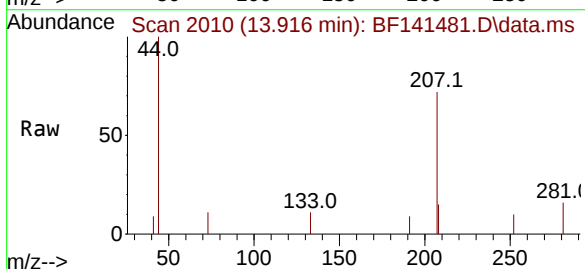
Tgt Ion:252 Resp: 120

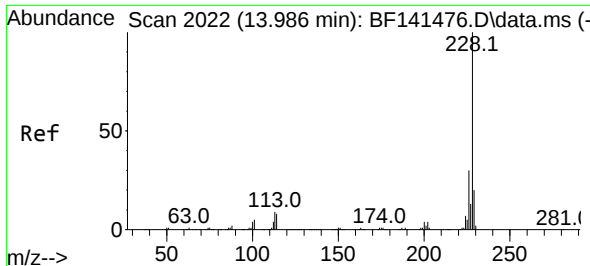
Ion Ratio Lower Upper

252 100

254 0.0 50.6 76.0#

126 0.0 9.3 13.9#

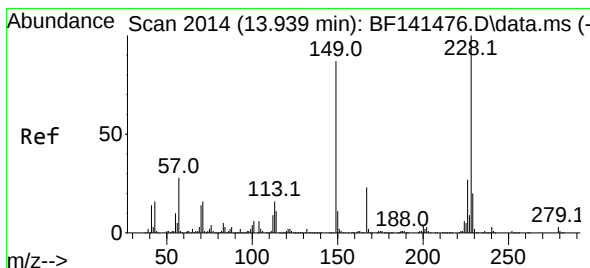
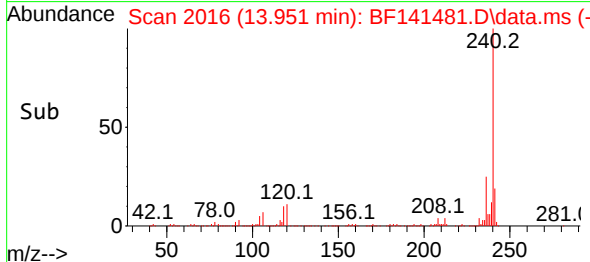
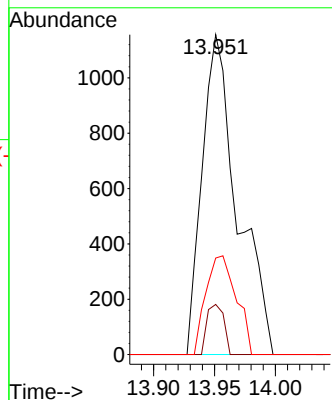
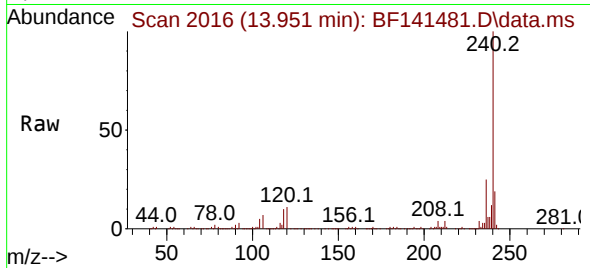




#83
Chrysene
Concen: 0.096 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.041 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

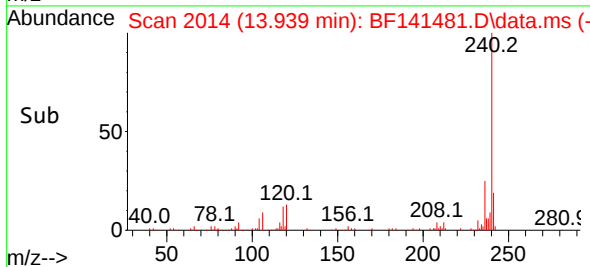
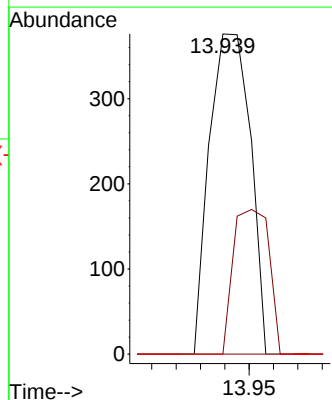
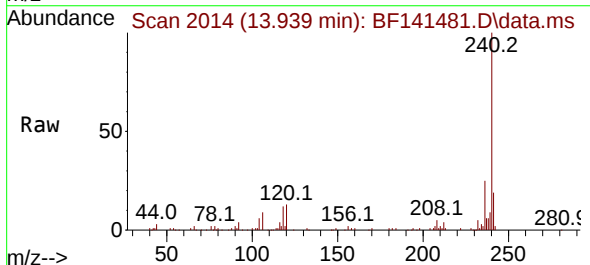
Instrument :
BNA_F
ClientSampleId :
PB166563BL

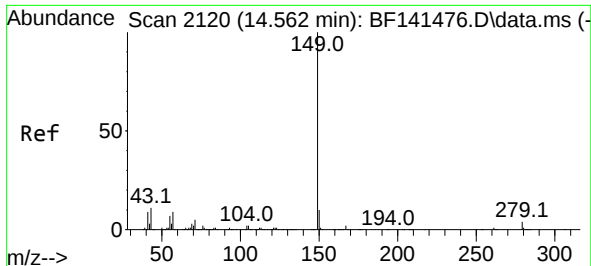
Tgt Ion:228 Resp: 2331
Ion Ratio Lower Upper
228 100
226 15.7 24.0 36.0#
229 30.2 15.7 23.5#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.033 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:149 Resp: 440
Ion Ratio Lower Upper
149 100
167 0.0 21.4 32.0#
279 0.0 3.1 4.7#

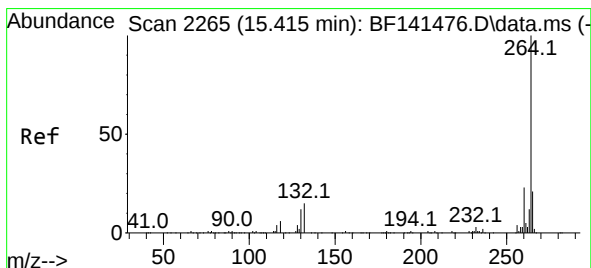
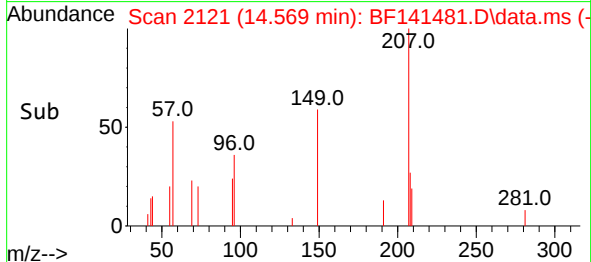
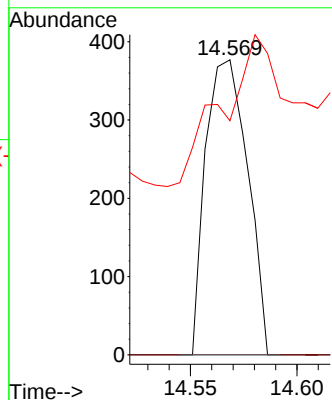
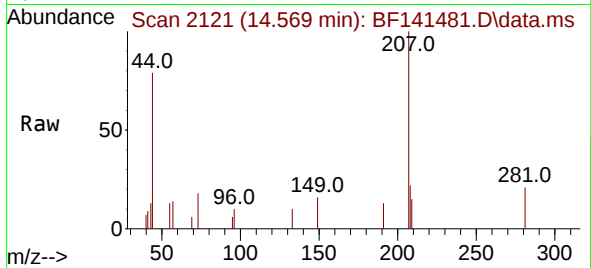




#85
Di-n-octyl phthalate
Concen: 0.028 ng
RT: 14.569 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

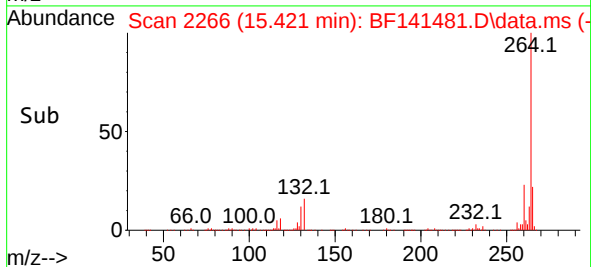
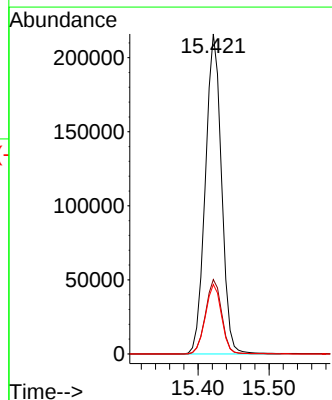
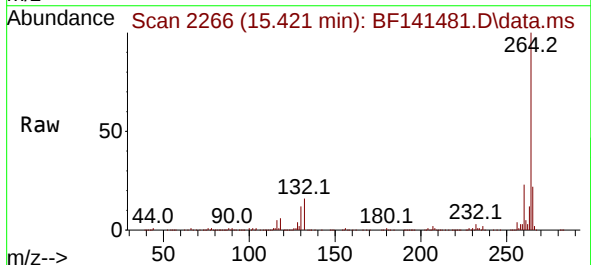
Instrument :
BNA_F
ClientSampleId :
PB166563BL

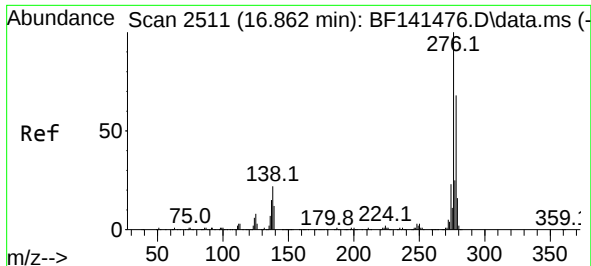
Tgt Ion:149 Resp: 517
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 87.0 9.5 14.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:264 Resp: 341846
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.7 17.0 25.4

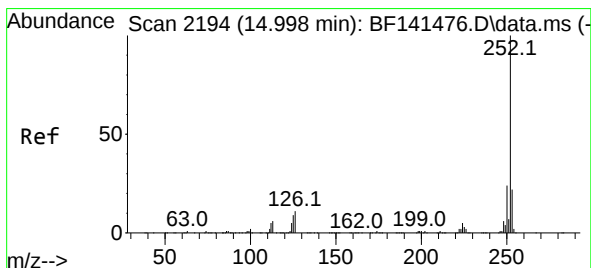
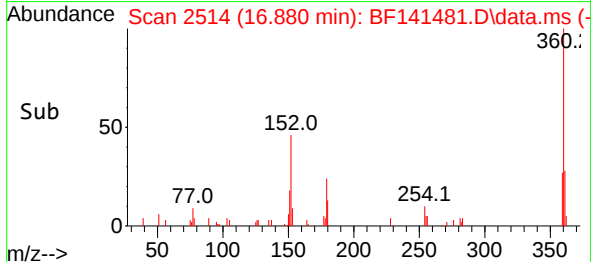
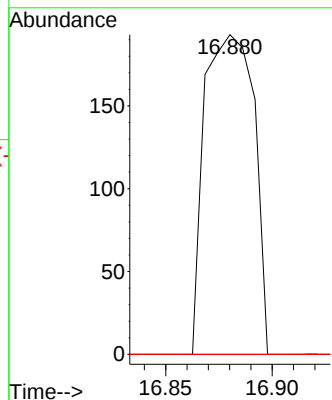
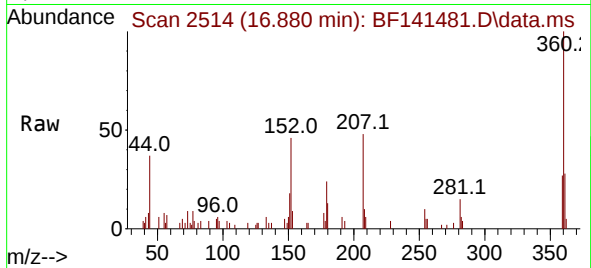




#87
Indeno(1,2,3-cd)pyrene
Concen: 0.015 ng
RT: 16.880 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

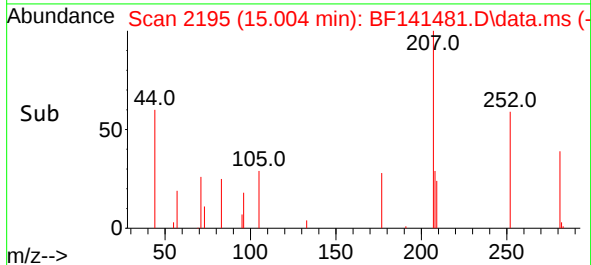
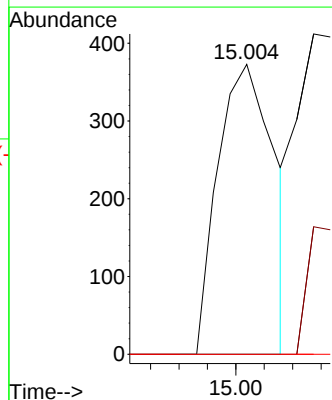
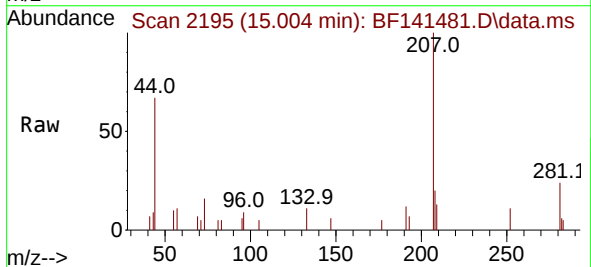
Instrument :
BNA_F
ClientSampleId :
PB166563BL

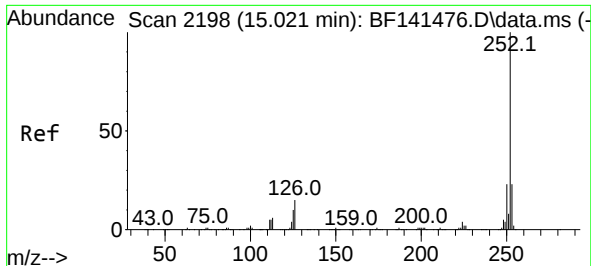
Tgt Ion:276 Resp: 312
Ion Ratio Lower Upper
276 100
138 0.0 18.0 27.0#
277 0.0 20.4 30.6#



#88
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 15.004 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:252 Resp: 514
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 0.025 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

Instrument :

BNA_F

ClientSampleId :

PB166563BL

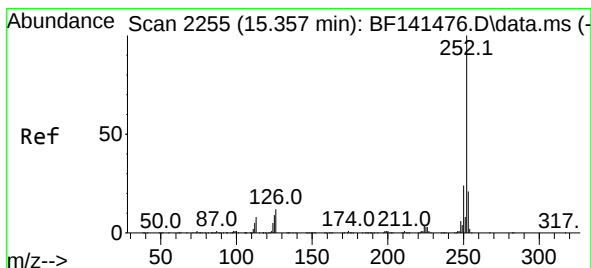
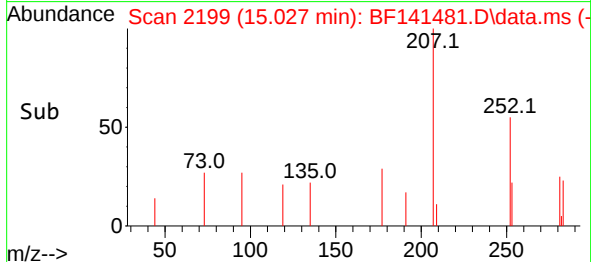
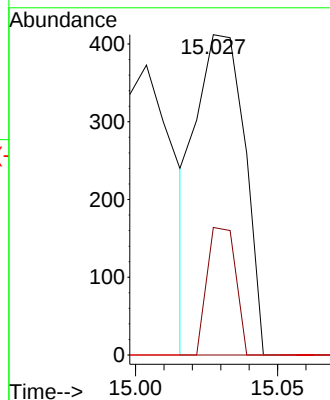
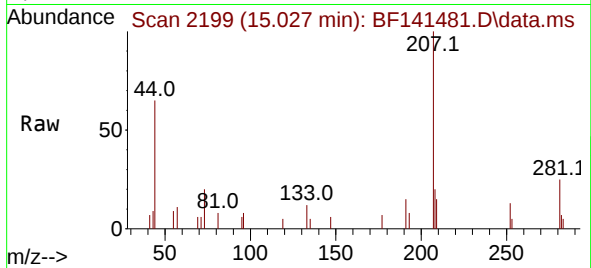
Tgt Ion:252 Resp: 487

Ion Ratio Lower Upper

252 100

253 39.8 18.0 27.0#

125 0.0 7.4 11.0#



#90

Benzo(a)pyrene

Concen: 0.016 ng

RT: 15.363 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF141481.D

Acq: 06 Feb 2025 15:43

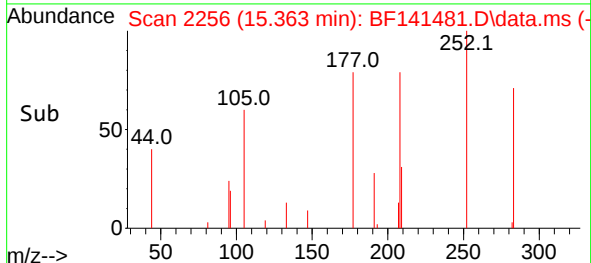
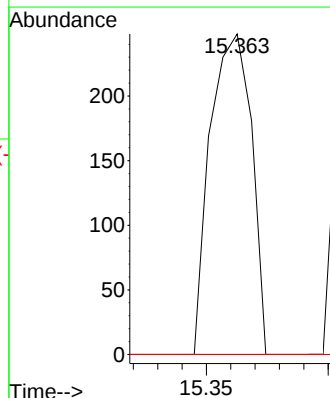
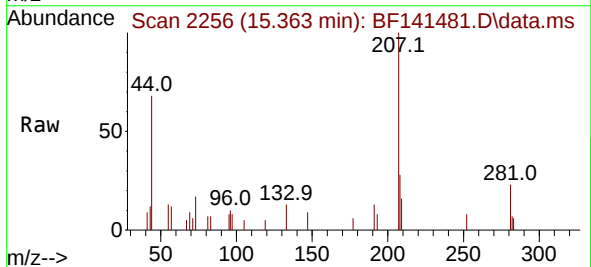
Tgt Ion:252 Resp: 292

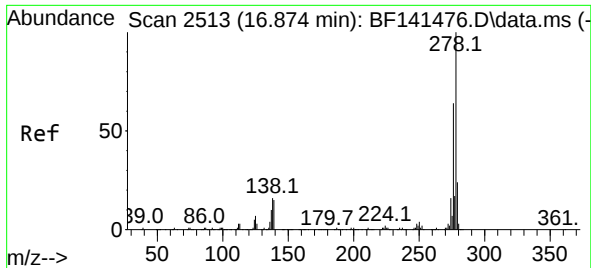
Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

125 0.0 7.4 11.2#

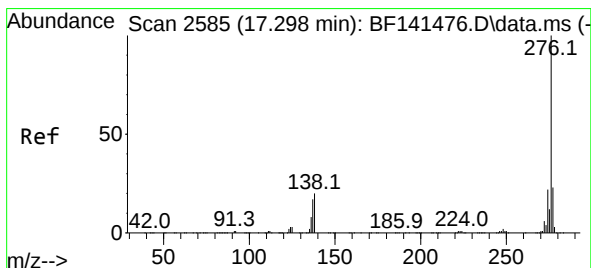
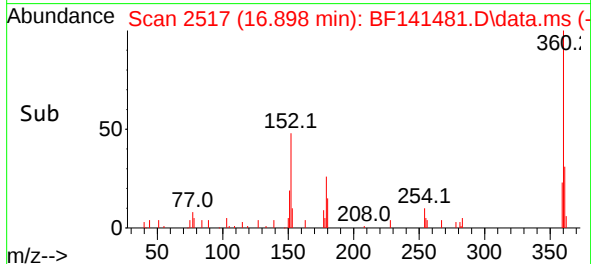
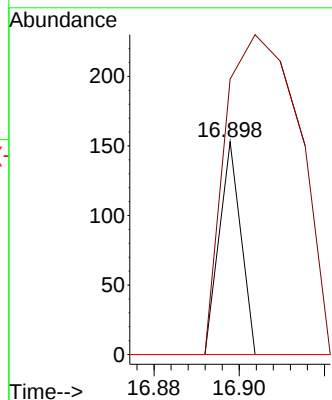
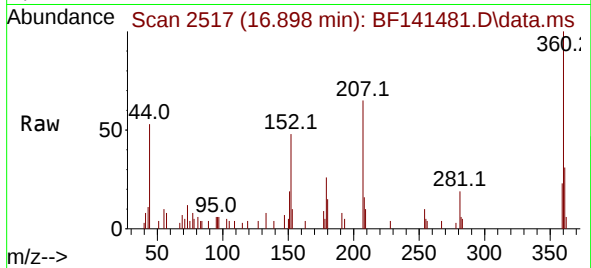




#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 16.898 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Instrument :
BNA_F
ClientSampleId :
PB166563BL

Tgt Ion:278 Resp: 54
Ion Ratio Lower Upper
278 100
139 129.4 11.8 17.6#
279 0.0 19.1 28.7#



#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.011 min
Lab File: BF141481.D
Acq: 06 Feb 2025 15:43

Tgt Ion:276 Resp: 55
Ion Ratio Lower Upper
276 100
277 0.0 18.6 28.0#
138 0.0 15.9 23.9#

