

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141084.D
 Acq On : 08 Jan 2025 15:26
 Operator : RC/JU
 Sample : Q1023-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HT2651MS

Quant Time: Jan 08 15:46:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	199992	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	780303	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	407725	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	673555	20.000	ng	0.00
76) Chrysene-d12	13.998	240	387687	20.000	ng	0.01
86) Perylene-d12	15.474	264	449873	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1887640	142.275	ng	0.04
7) Phenol-d6	6.463	99	2181754	127.652	ng	0.01
23) Nitrobenzene-d5	7.392	82	1500691	123.043	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	723555	182.629	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2617065	102.265	ng	0.00
79) Terphenyl-d14	12.933	244	2329777	99.816	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	274766	45.744	ng	# 83
3) Pyridine	3.469	79	604784	41.200	ng	97
4) n-Nitrosodimethylamine	3.398	42	374302	50.325	ng	98
6) Aniline	6.569	93	715105	46.913	ng	# 53
8) 2-Chlorophenol	6.616	128	761799	54.460	ng	96
9) Benzaldehyde	6.381	77	131188	9.362	ng	96
10) Phenol	6.475	94	846805	47.915	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	715105	50.113	ng	97
12) 1,3-Dichlorobenzene	6.775	146	789471	51.140	ng	99
13) 1,4-Dichlorobenzene	6.851	146	791287	50.847	ng	99
14) 1,2-Dichlorobenzene	6.998	146	764234	52.670	ng	99
15) Benzyl Alcohol	6.975	79	685036	55.776	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1081303	50.106	ng	93
17) 2-Methylphenol	7.086	107	627066	53.960	ng	98
18) Hexachloroethane	7.345	117	298142	53.931	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	554562	52.963	ng	97
20) 3+4-Methylphenols	7.239	107	731773	49.760	ng	# 74
22) Acetophenone	7.239	105	991559	51.800	ng	# 95
24) Nitrobenzene	7.416	77	811765	59.565	ng	96
25) Isophorone	7.657	82	1456166	54.867	ng	99
26) 2-Nitrophenol	7.728	139	414325	71.293	ng	98
27) 2,4-Dimethylphenol	7.763	122	622181	64.145	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	889843	52.918	ng	100
29) 2,4-Dichlorophenol	7.969	162	635210	57.742	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	650920	52.278	ng	99
31) Naphthalene	8.133	128	2156628	52.451	ng	100
32) Benzoic acid	7.898	122	533268	63.793	ng	96
33) 4-Chloroaniline	8.204	127	48350m	3.250	ng	
34) Hexachlorobutadiene	8.251	225	397971	54.217	ng	100
35) Caprolactam	8.581	113	193459m	51.730	ng	
36) 4-Chloro-3-methylphenol	8.657	107	678859	55.567	ng	99
37) 2-Methylnaphthalene	8.822	142	1411351	53.655	ng	99
38) 1-Methylnaphthalene	8.922	142	1323793	51.208	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	628080	55.994	ng	98
41) Hexachlorocyclopentadiene	8.975	237	767447	206.459	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	439766	58.906	ng	100

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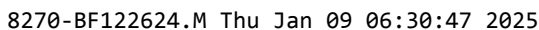
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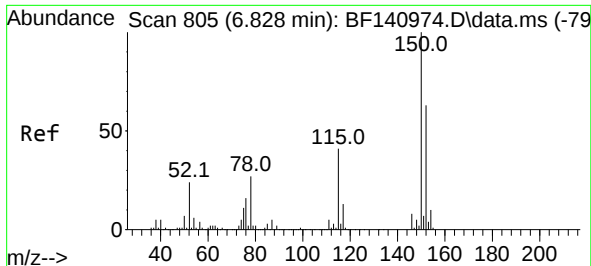
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	477697	62.537	ng	99
46) 1,1'-Biphenyl	9.286	154	1745391	55.907	ng	99
47) 2-Chloronaphthalene	9.310	162	1319689	54.504	ng	100
48) 2-Nitroaniline	9.404	65	396836	61.232	ng	96
49) Acenaphthylene	9.727	152	2004309	57.504	ng	100
50) Dimethylphthalate	9.592	163	1538347	57.361	ng	100
51) 2,6-Dinitrotoluene	9.651	165	355718	63.742	ng	95
52) Acenaphthene	9.898	154	1532871	65.052	ng	100
53) 3-Nitroaniline	9.816	138	87081	16.910	ng	# 91
54) 2,4-Dinitrophenol	9.922	184	427405	143.625	ng	# 1
55) Dibenzofuran	10.075	168	1852681	55.946	ng	99
56) 4-Nitrophenol	9.980	139	537285	117.118	ng	97
57) 2,4-Dinitrotoluene	10.051	165	470810	68.251	ng	95
58) Fluorene	10.416	166	1359380	52.937	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	407218	64.369	ng	97
60) Diethylphthalate	10.292	149	1491222	56.323	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	671964	54.382	ng	99
62) 4-Nitroaniline	10.427	138	101079	19.171	ng	95
63) Azobenzene	10.569	77	1462801	52.637	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	266649	89.307	ng	95
66) n-Nitrosodiphenylamine	10.527	169	1215450	57.305	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	451086	61.952	ng	97
68) Hexachlorobenzene	10.963	284	500022	62.279	ng	97
69) Atrazine	11.063	200	358929	60.574	ng	99
70) Pentachlorophenol	11.157	266	623724	124.776	ng	98
71) Phenanthrene	11.374	178	2056928	58.024	ng	100
72) Anthracene	11.427	178	2066735	59.498	ng	100
73) Carbazole	11.580	167	1618831	48.479	ng	100
74) Di-n-butylphthalate	11.916	149	2106415	55.460	ng	100
75) Fluoranthene	12.563	202	1914542	49.796	ng	98
78) Pyrene	12.792	202	1914719	56.471	ng	99
80) Butylbenzylphthalate	13.415	149	696937	56.291	ng	99
81) Benzo(a)anthracene	13.986	228	1433111	53.040	ng	99
83) Chrysene	14.021	228	1357829	55.746	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	869721	54.155	ng	100
85) Di-n-octyl phthalate	14.615	149	1578017	67.889	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	1872116	66.052	ng	97
88) Benzo(b)fluoranthene	15.051	252	1495665	47.669	ng	99
89) Benzo(k)fluoranthene	15.080	252	1482949	60.304	ng	99
90) Benzo(a)pyrene	15.415	252	1448666	59.485	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	1512593	65.836	ng	98
92) Benzo(g,h,i)perylene	17.386	276	1366659	57.352	ng	98

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

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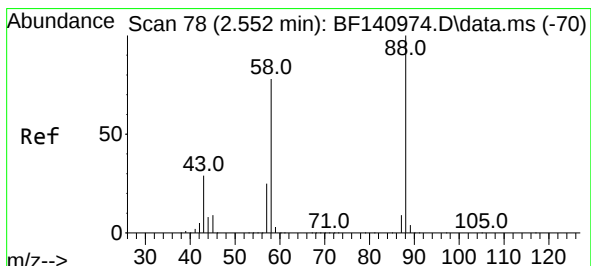
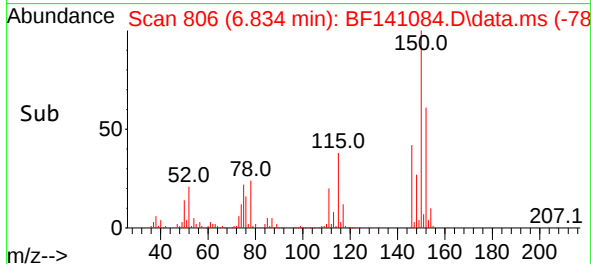
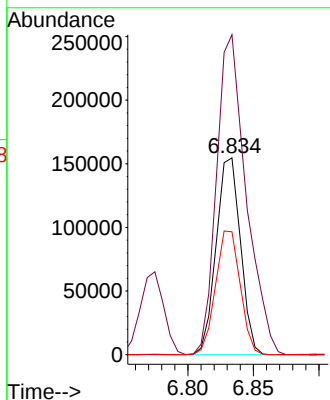
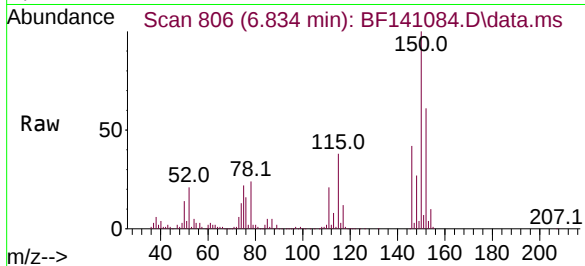




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF141084.D
 Acq: 08 Jan 2025 15:26

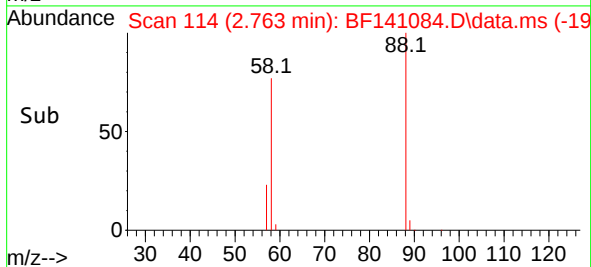
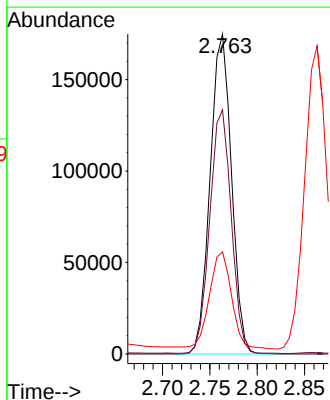
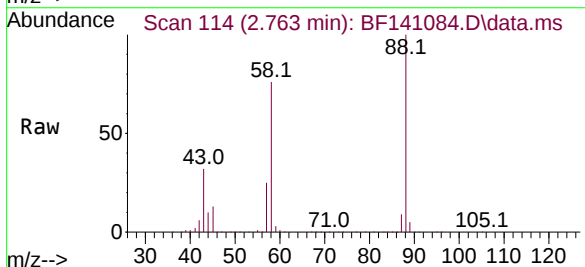
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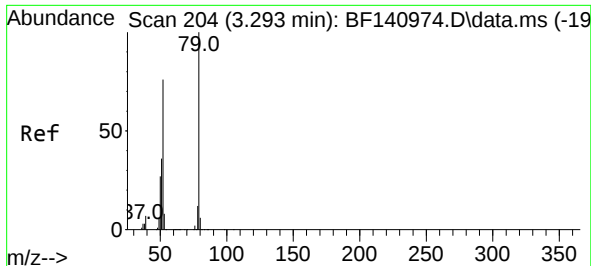
Tgt Ion:152 Resp: 199992
 Ion Ratio Lower Upper
 152 100
 150 162.6 127.0 190.6
 115 62.4 51.7 77.5



#2
 1,4-Dioxane
 Concen: 45.744 ng
 RT: 2.763 min Scan# 114
 Delta R.T. 0.212 min
 Lab File: BF141084.D
 Acq: 08 Jan 2025 15:26

Tgt Ion: 88 Resp: 274766
 Ion Ratio Lower Upper
 88 100
 58 76.4 63.0 94.4
 43 0.0 23.4 35.2#

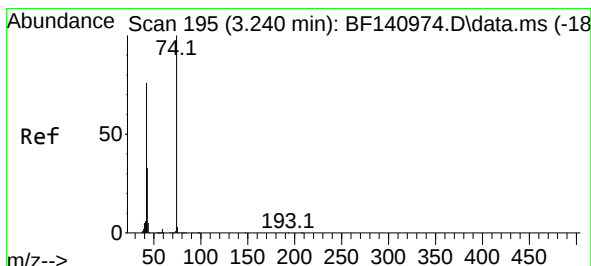
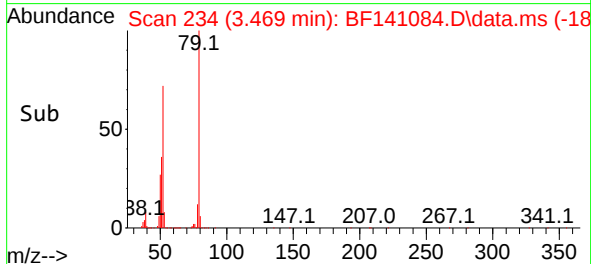
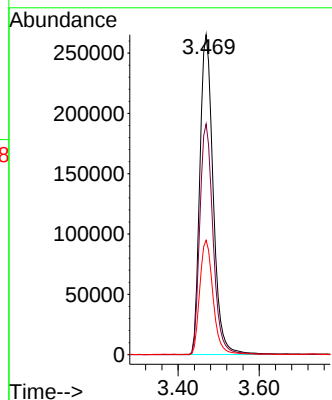
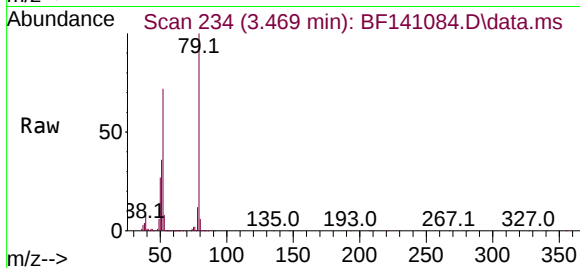




#3
Pyridine
Concen: 41.200 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.176 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

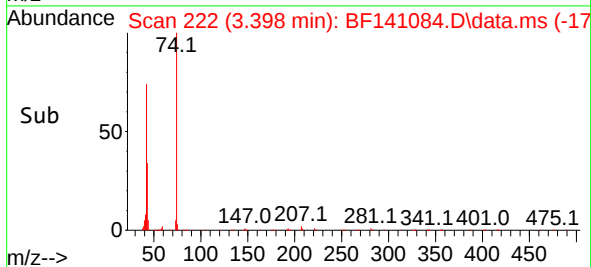
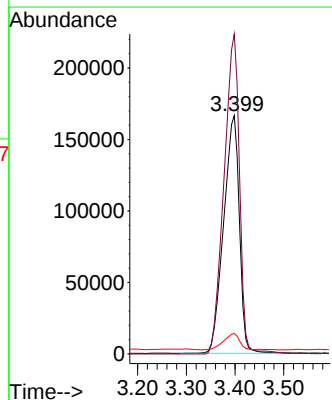
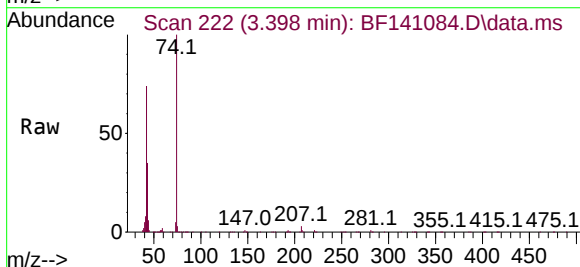
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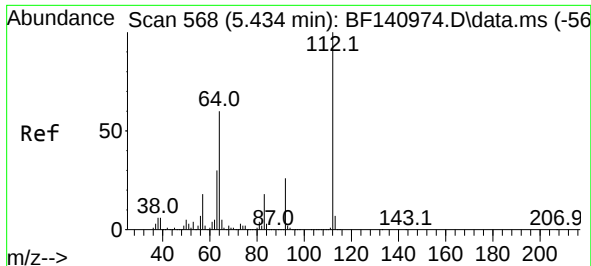
Tgt Ion: 79 Resp: 604784
Ion Ratio Lower Upper
79 100
52 72.1 60.4 90.6
51 35.8 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 50.325 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.159 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 42 Resp: 374302
Ion Ratio Lower Upper
42 100
74 134.2 105.8 158.6
44 8.6 6.6 10.0

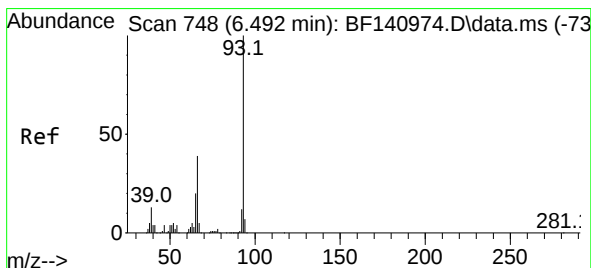
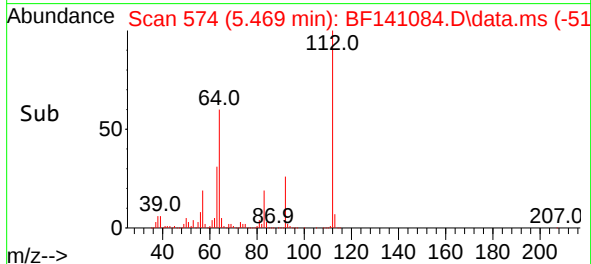
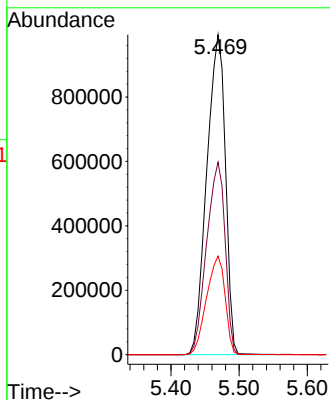
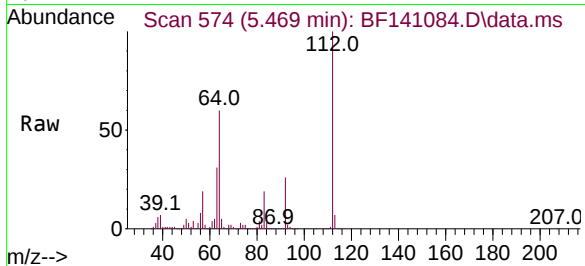




#5
2-Fluorophenol
Concen: 142.275 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.035 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

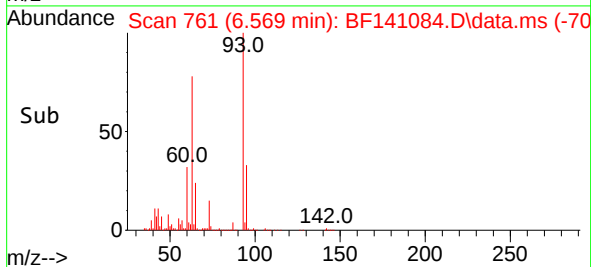
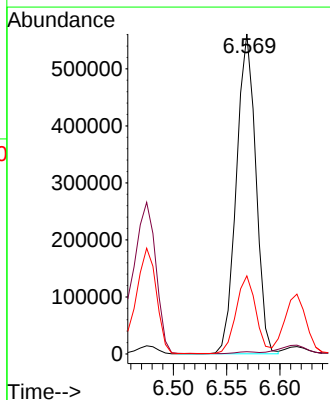
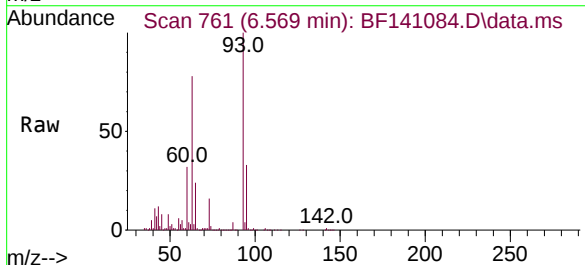
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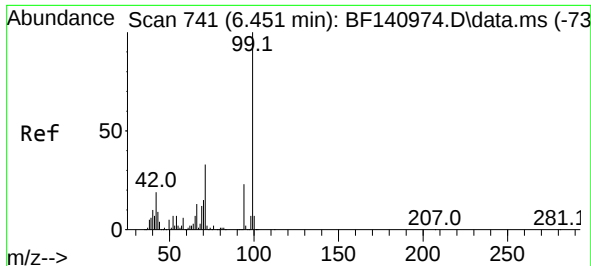
Tgt Ion:112 Resp: 1887640
Ion Ratio Lower Upper
112 100
64 60.2 47.7 71.5
63 30.8 24.2 36.2



#6
Aniline
Concen: 46.913 ng
RT: 6.569 min Scan# 761
Delta R.T. 0.059 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 93 Resp: 715105
Ion Ratio Lower Upper
93 100
66 0.7 31.8 47.8#
65 24.4 15.4 23.0#

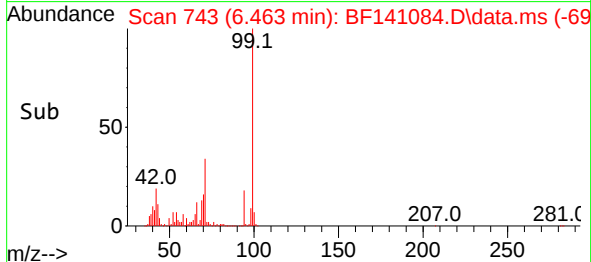
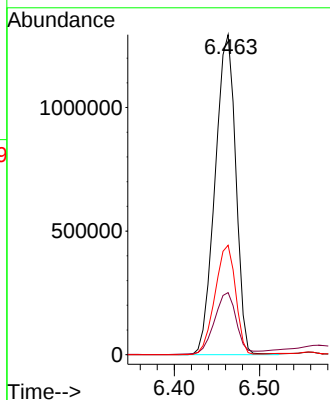
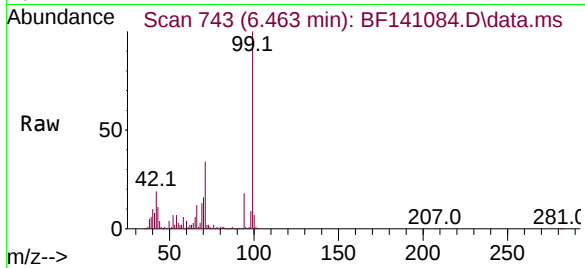




#7
Phenol-d6
Concen: 127.652 ng
RT: 6.463 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

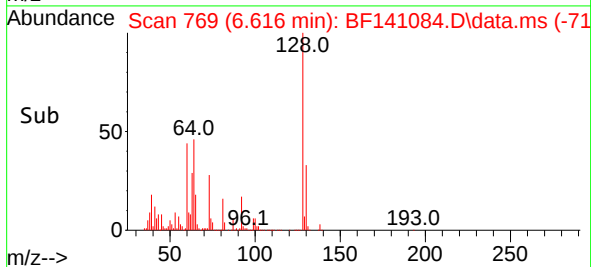
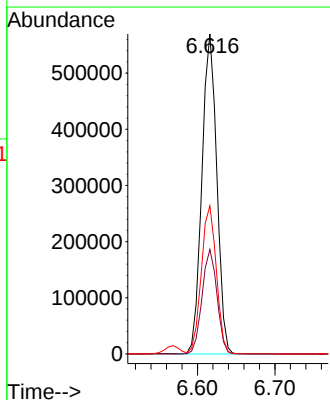
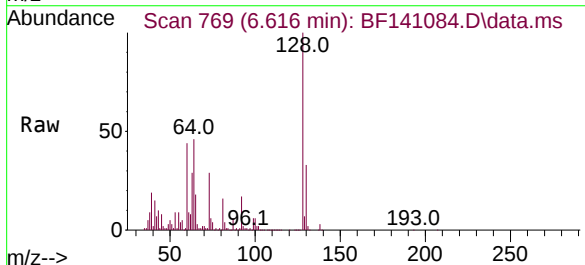
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Tgt Ion: 99 Resp: 2181754
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 34.2 26.2 39.2



#8
2-Chlorophenol
Concen: 54.460 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 128 Resp: 761799
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 46.3 30.3 70.3

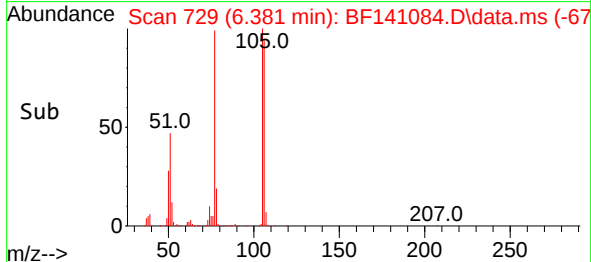
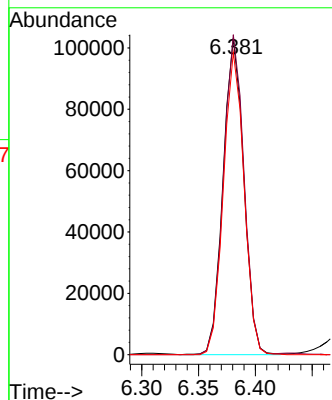
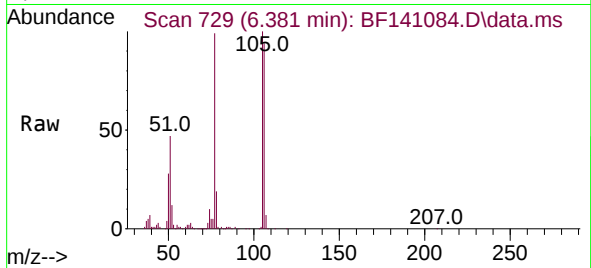




#9
Benzaldehyde
Concen: 9.362 ng
RT: 6.381 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

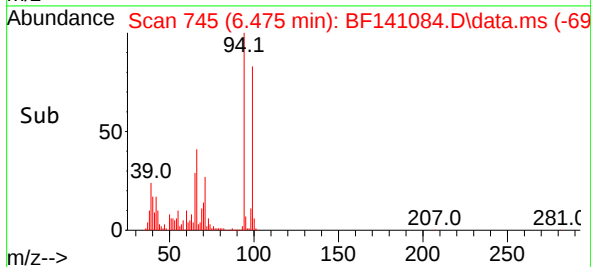
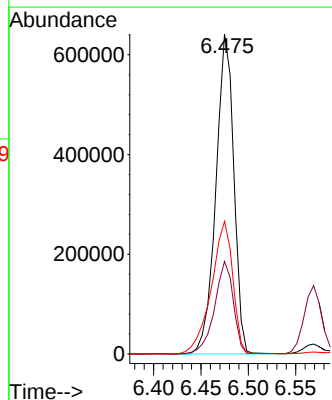
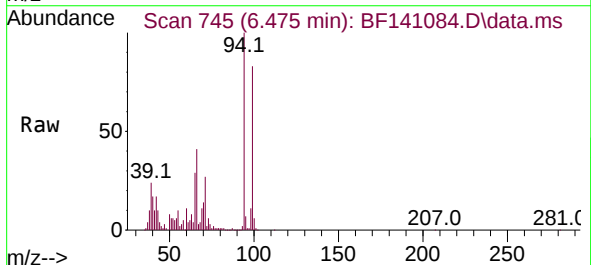
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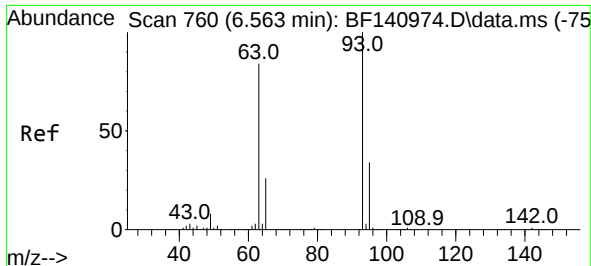
Tgt Ion: 77 Resp: 131188
Ion Ratio Lower Upper
77 100
105 101.2 76.2 116.2
106 95.6 73.4 113.4



#10
Phenol
Concen: 47.915 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 94 Resp: 846805
Ion Ratio Lower Upper
94 100
65 28.9 8.1 48.1
66 41.4 18.7 58.7

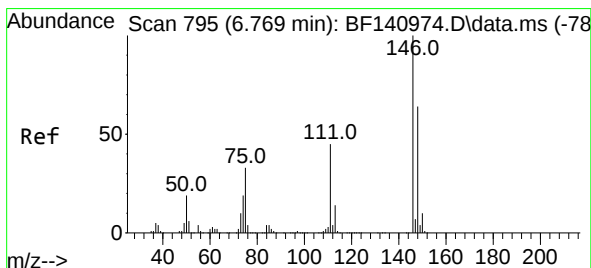
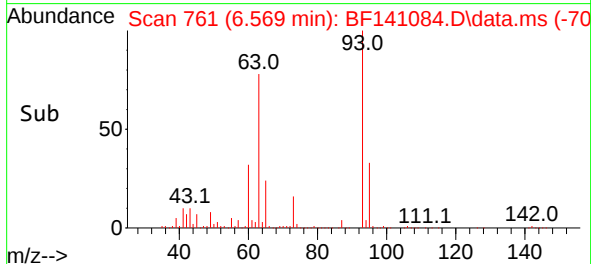
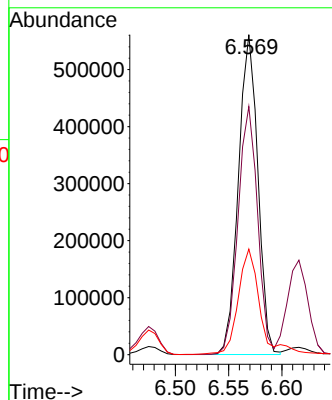
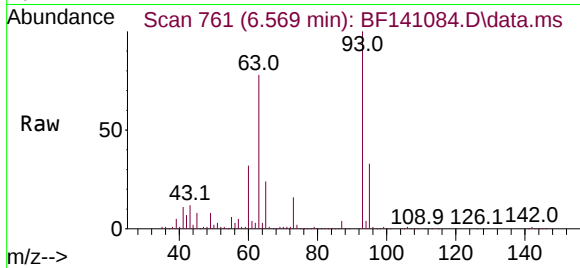




#11
bis(2-Chloroethyl)ether
Concen: 50.113 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

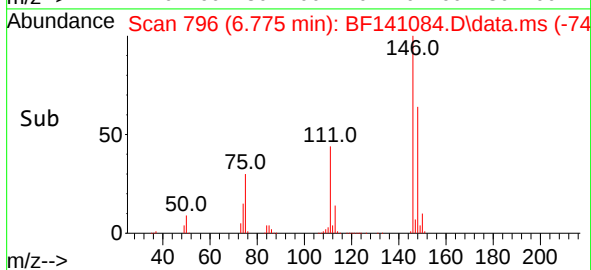
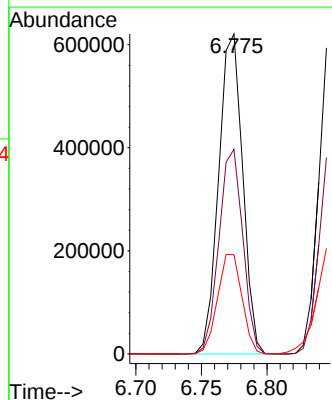
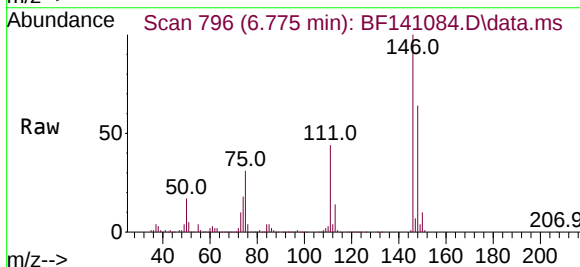
Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion: 93 Resp: 715105
Ion Ratio Lower Upper
93 100
63 77.6 60.3 100.3
95 33.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 51.140 ng
RT: 6.775 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:146 Resp: 789471
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 31.0 26.1 39.1

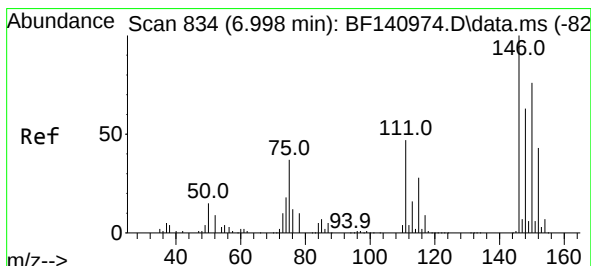
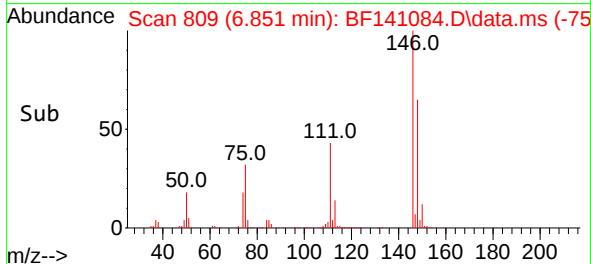
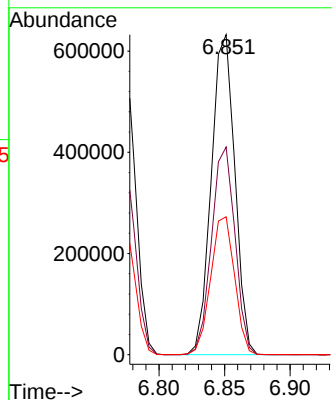
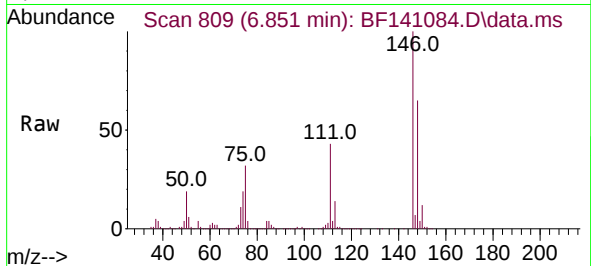




#13
1,4-Dichlorobenzene
Concen: 50.847 ng
RT: 6.851 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

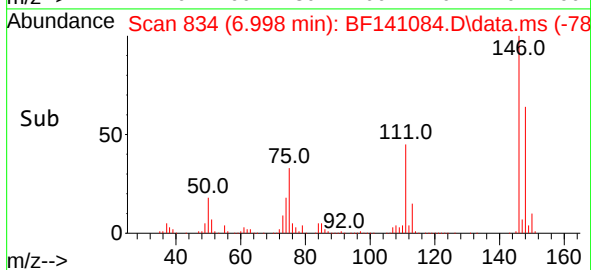
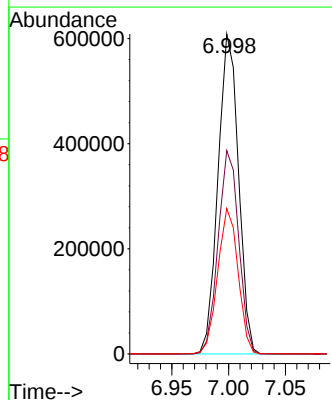
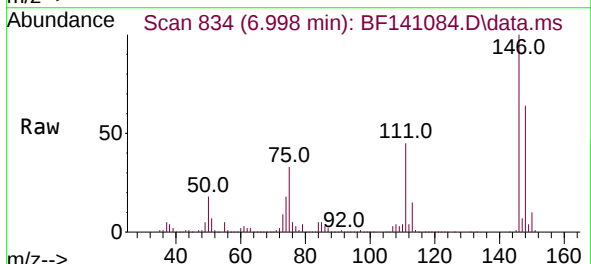
Instrument :
BNA_F
ClientSampleId :
HT2651MS

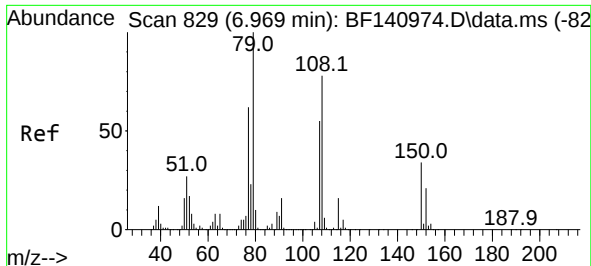
Tgt Ion:146 Resp: 791287
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
111 43.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 52.670 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:146 Resp: 764234
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
111 45.4 37.3 55.9

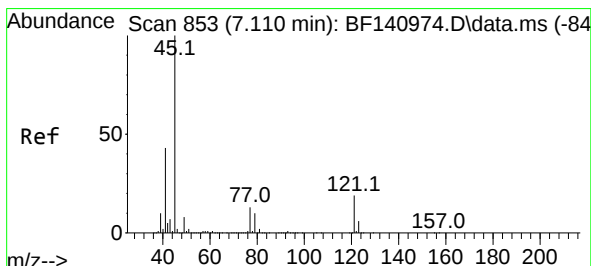
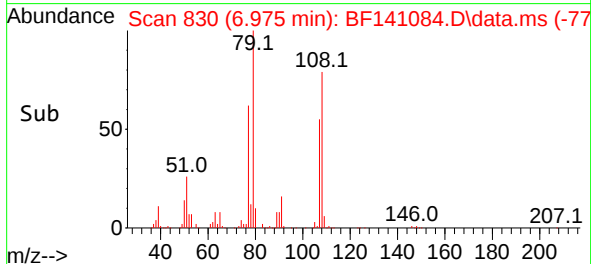
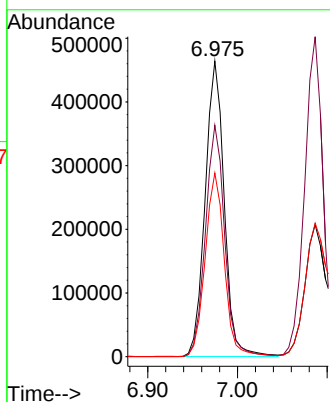
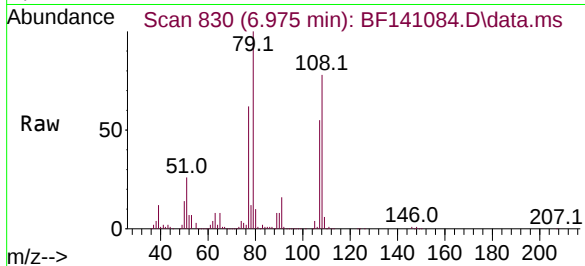




#15
Benzyl Alcohol
Concen: 55.776 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

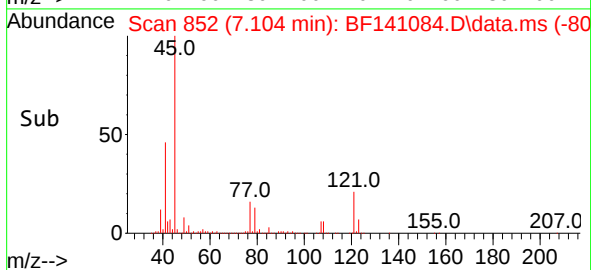
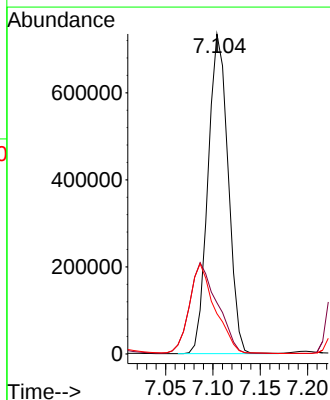
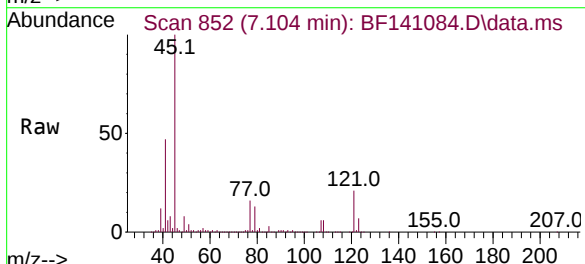
Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion: 79 Resp: 685036
Ion Ratio Lower Upper
79 100
108 78.3 62.5 93.7
77 62.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.106 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 45 Resp: 1081303
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.1
79 12.6 0.0 30.1





#17

2-Methylphenol

Concen: 53.960 ng

RT: 7.086 min Scan# 847

Delta R.T. 0.012 min

Lab File: BF141084.D

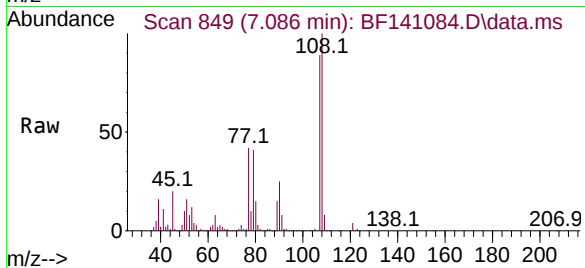
Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS



Tgt Ion:107 Resp: 627066

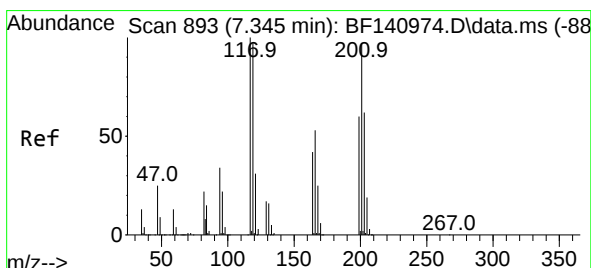
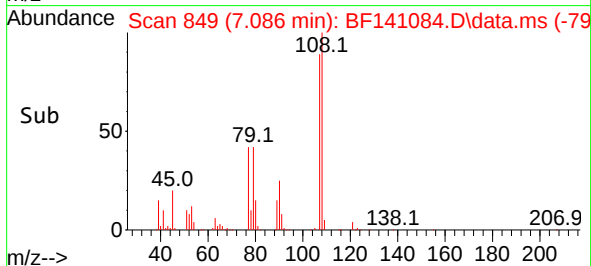
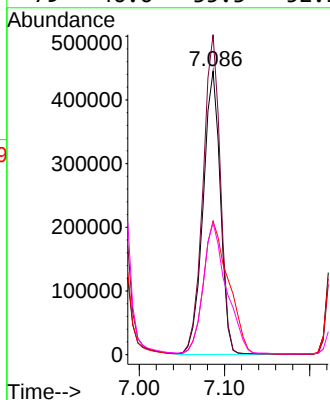
Ion Ratio Lower Upper

107 100

108 112.9 90.6 136.0

77 47.1 35.3 52.9

79 46.6 35.3 52.9



#18

Hexachloroethane

Concen: 53.931 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

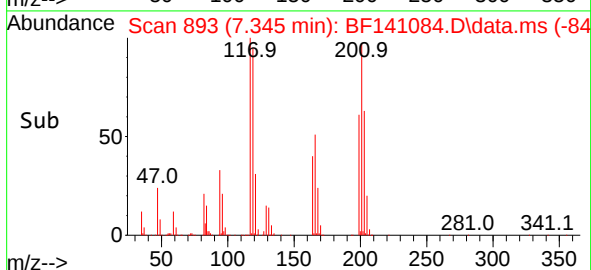
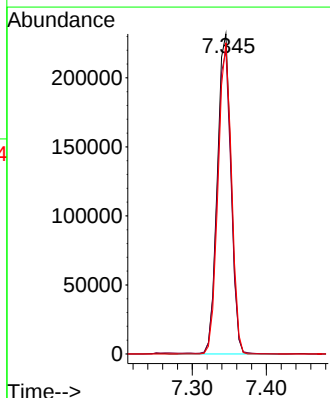
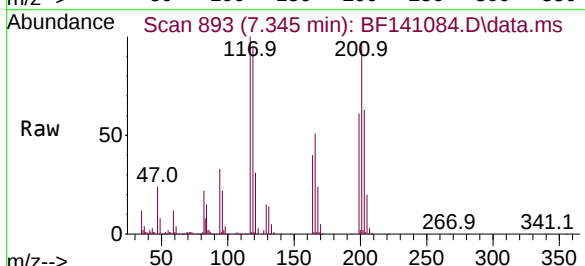
Tgt Ion:117 Resp: 298142

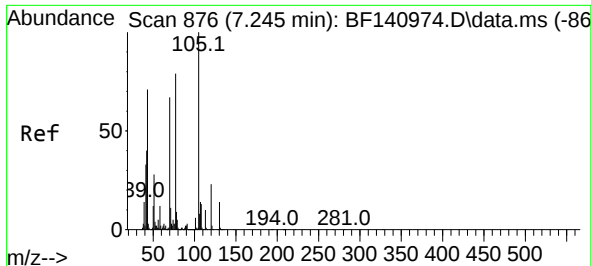
Ion Ratio Lower Upper

117 100

119 94.8 77.5 116.3

201 97.3 77.4 116.2

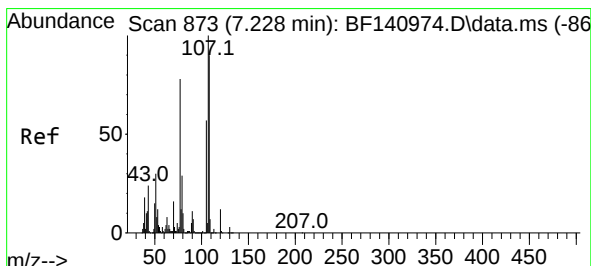
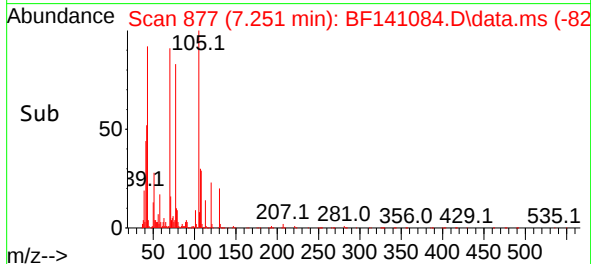
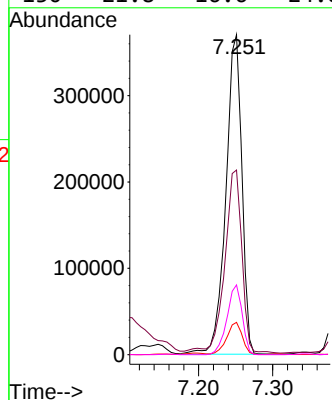
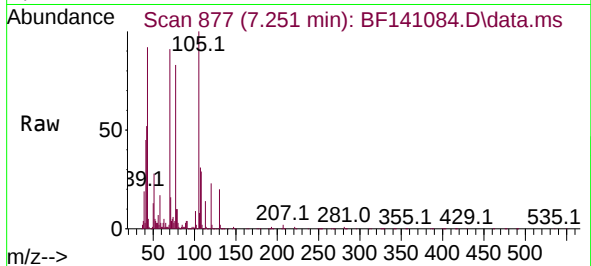




#19
n-Nitroso-di-n-propylamine
Concen: 52.963 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

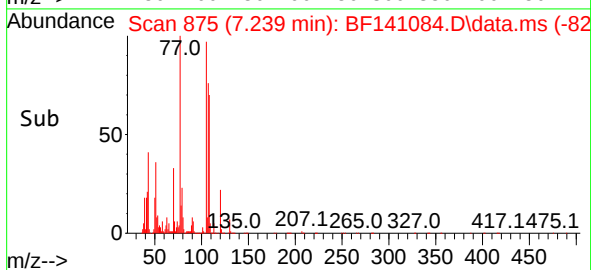
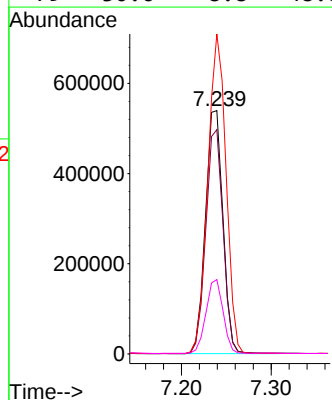
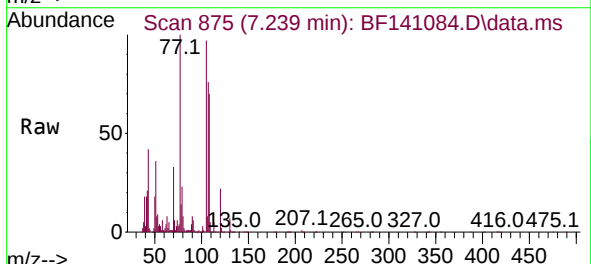
Instrument :
BNA_F
ClientSampleId :
HT2651MS

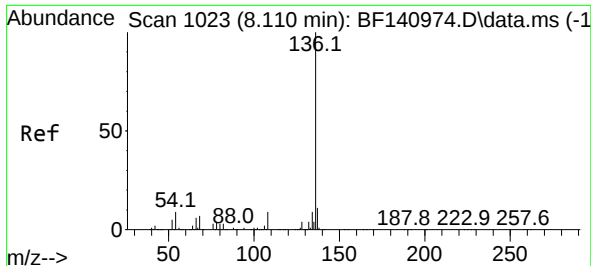
Tgt Ion: 70 Resp: 554562
Ion Ratio Lower Upper
70 100
42 57.7 48.1 72.1
101 10.1 7.6 11.4
130 21.8 16.6 24.8



#20
3+4-Methylphenols
Concen: 49.760 ng
RT: 7.239 min Scan# 875
Delta R.T. 0.012 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:107 Resp: 731773
Ion Ratio Lower Upper
107 100
108 92.2 69.6 109.6
77 131.5 57.6 97.6#
79 30.6 8.8 48.8



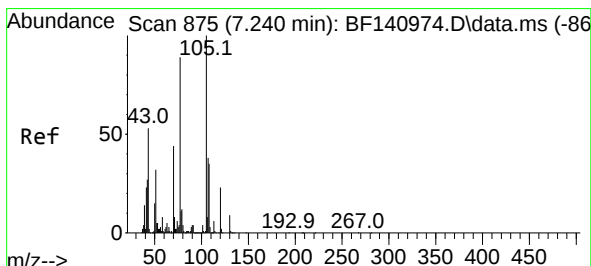
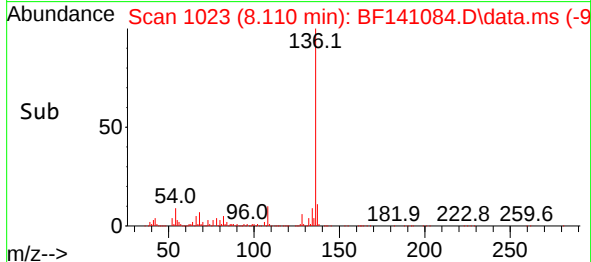
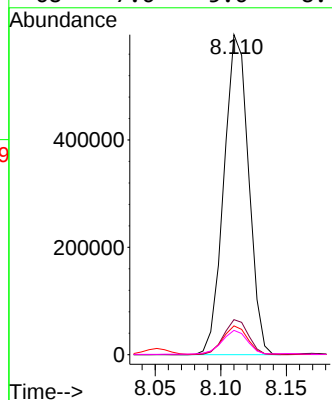
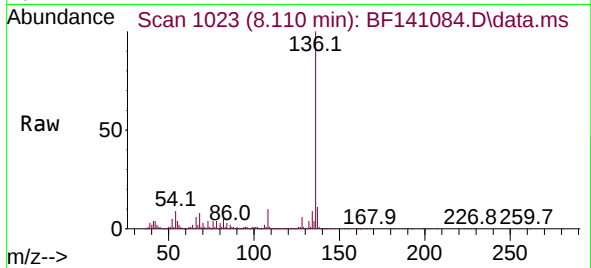


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion:136 Resp: 780303

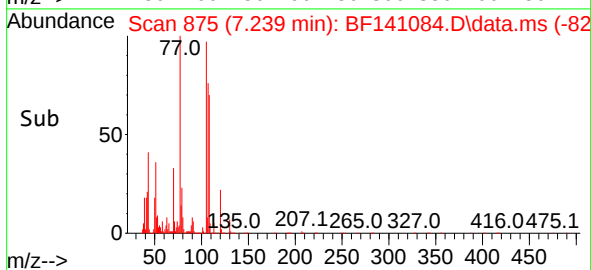
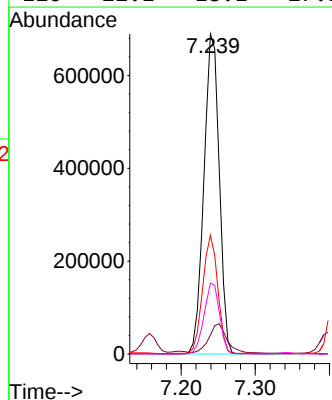
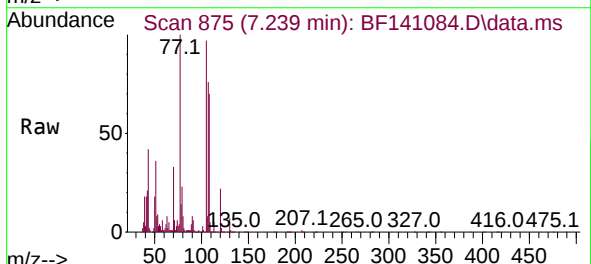
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.0	7.6	11.4
68	7.6	5.6	8.4

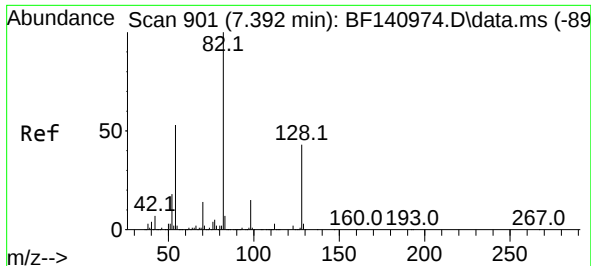


#22
Acetophenone
Concen: 51.800 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:105 Resp: 991559

Ion	Ratio	Lower	Upper
105	100		
71	5.9	6.1	9.1#
51	37.1	25.8	38.6
120	22.1	18.1	27.1

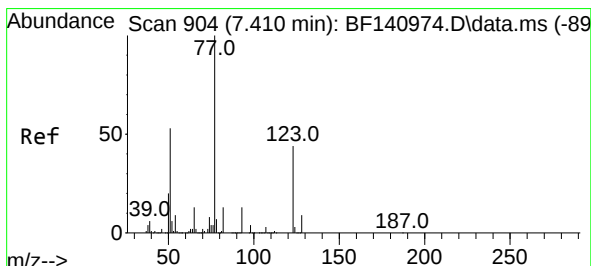
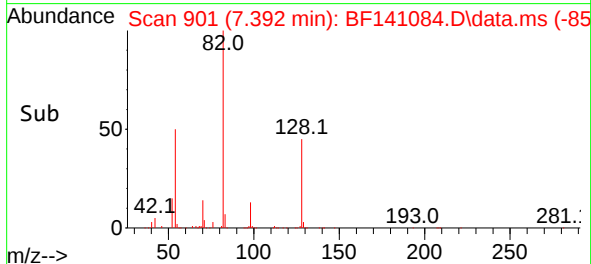
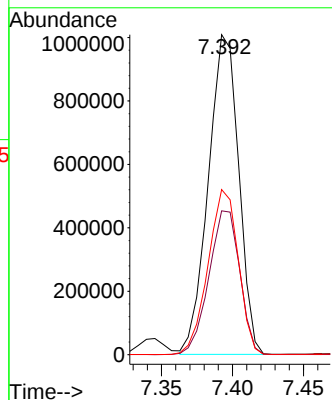
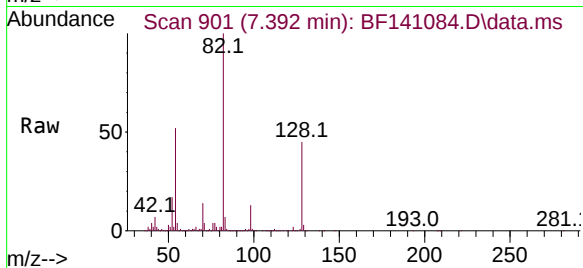




#23
Nitrobenzene-d5
Concen: 123.043 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

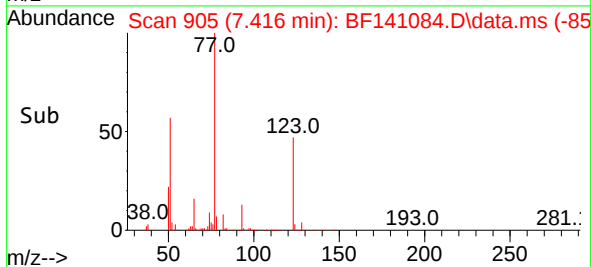
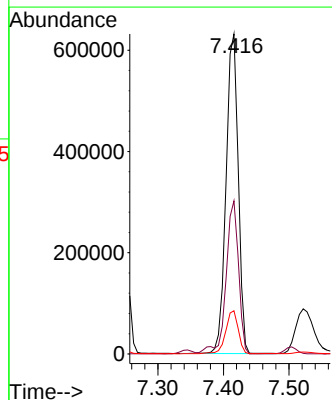
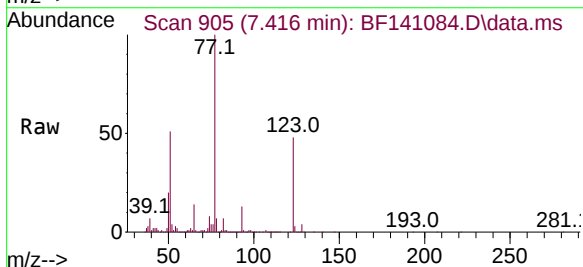
Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion: 82 Resp: 1500691
Ion Ratio Lower Upper
82 100
128 44.9 34.4 51.6
54 51.6 42.4 63.6



#24
Nitrobenzene
Concen: 59.565 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 77 Resp: 811765
Ion Ratio Lower Upper
77 100
123 47.9 35.4 53.2
65 13.5 10.7 16.1

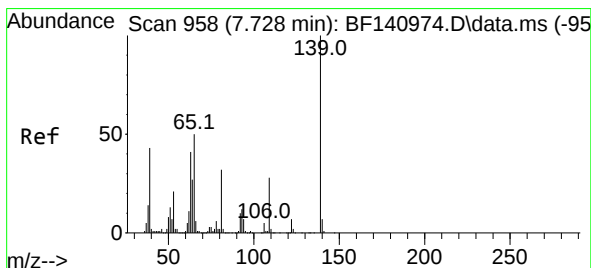
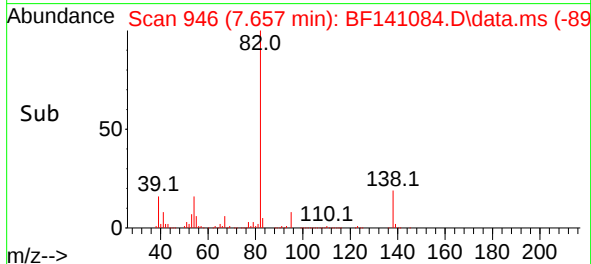
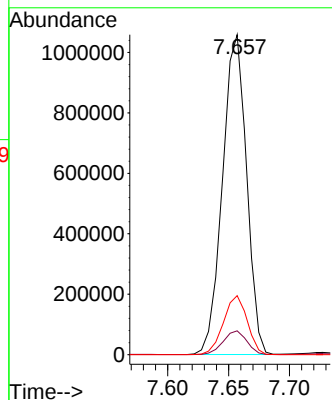
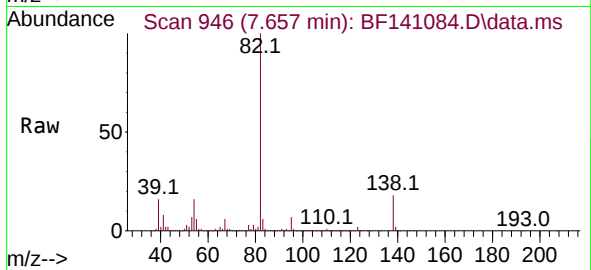




#25
Isophorone
Concen: 54.867 ng
RT: 7.657 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

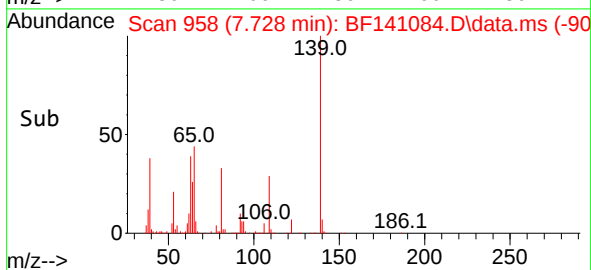
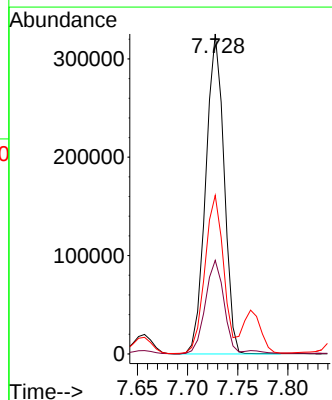
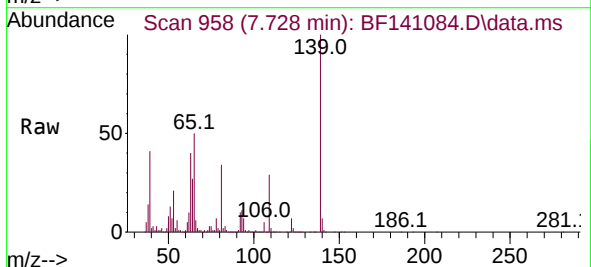
Instrument :
BNA_F
ClientSampleId :
HT2651MS

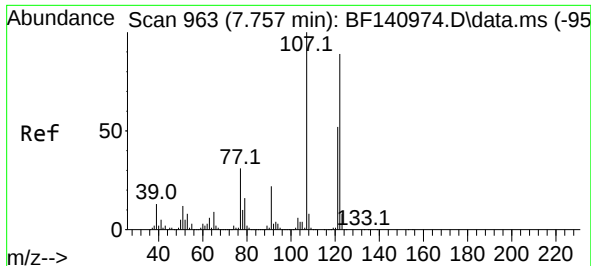
Tgt Ion: 82 Resp: 1456166
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 71.293 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:139 Resp: 414325
Ion Ratio Lower Upper
139 100
109 29.3 22.2 33.4
65 49.5 40.2 60.4

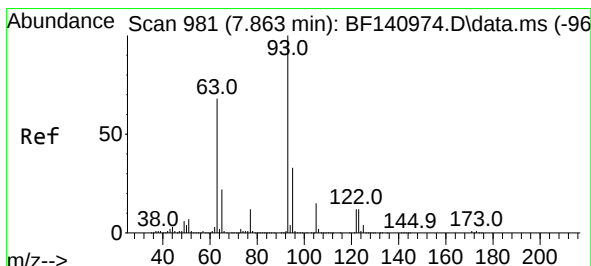
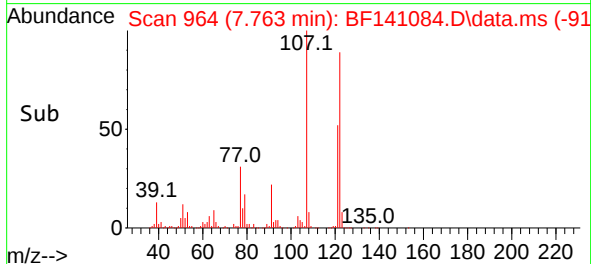
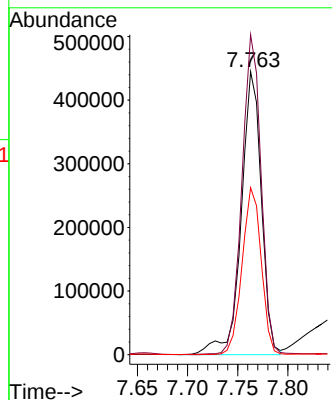
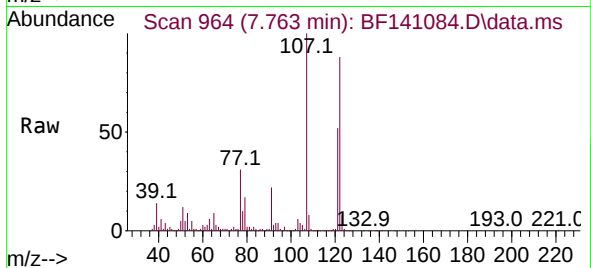




#27
2,4-Dimethylphenol
Concen: 64.145 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

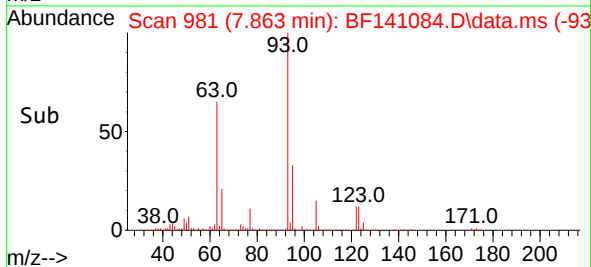
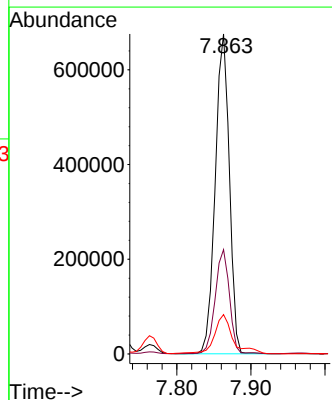
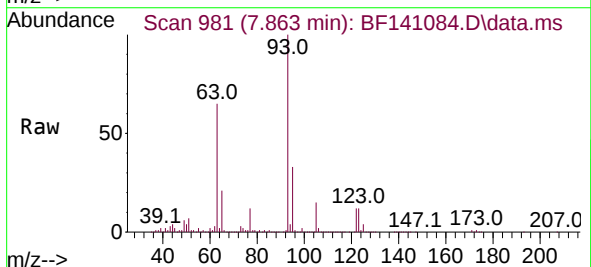
Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion:122 Resp: 622181
Ion Ratio Lower Upper
122 100
107 113.0 89.4 134.2
121 59.0 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 52.918 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 93 Resp: 889843
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 57.742 ng

RT: 7.969 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

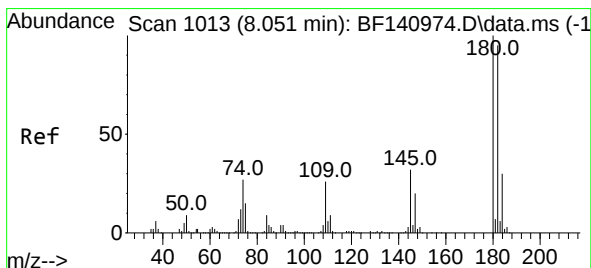
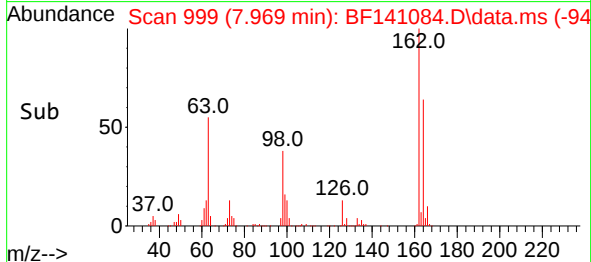
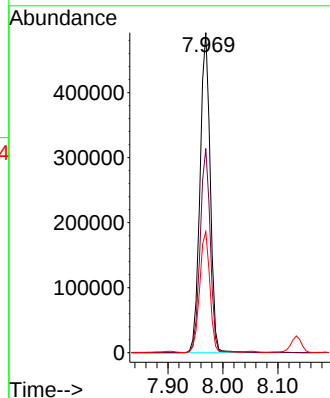
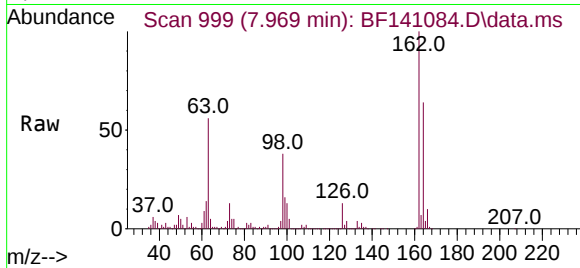
Tgt Ion:162 Resp: 635210

Ion Ratio Lower Upper

162 100

164 63.8 44.8 84.8

98 37.8 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 52.278 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

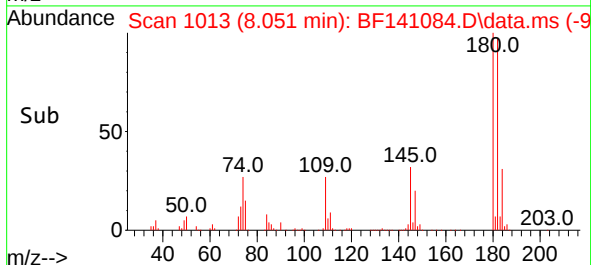
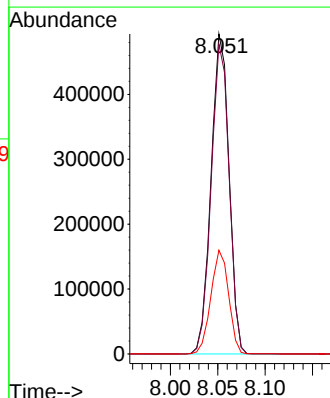
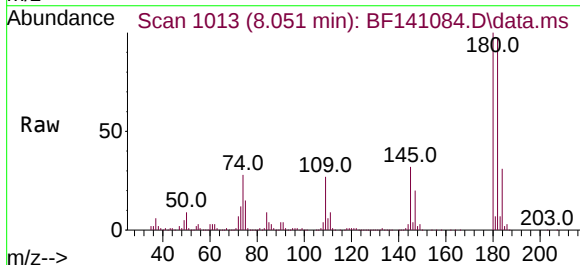
Tgt Ion:180 Resp: 650920

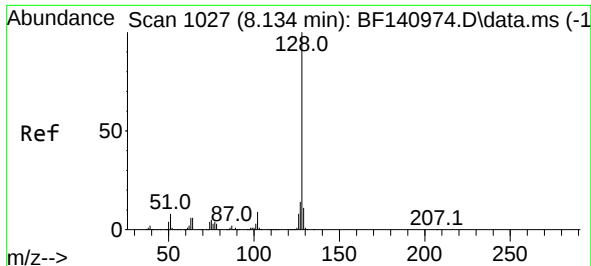
Ion Ratio Lower Upper

180 100

182 96.8 76.2 114.4

145 32.4 25.4 38.2

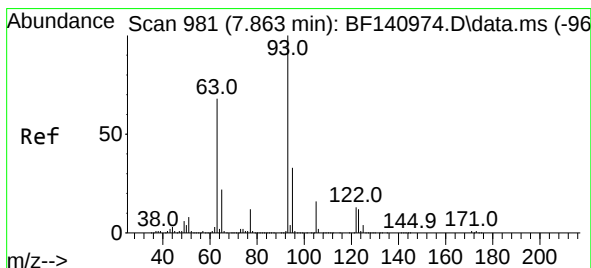
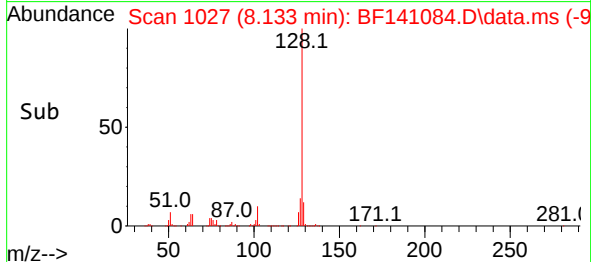
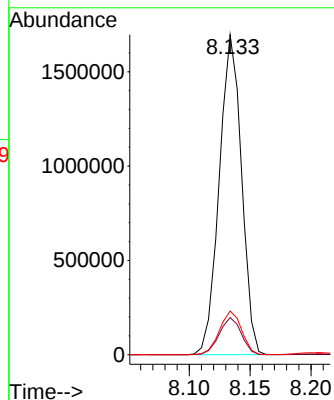
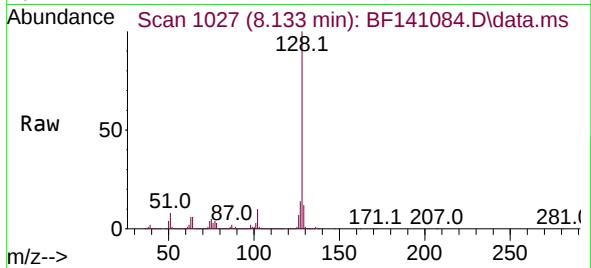




#31
Naphthalene
Concen: 52.451 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

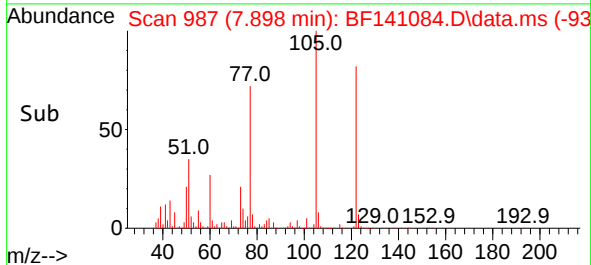
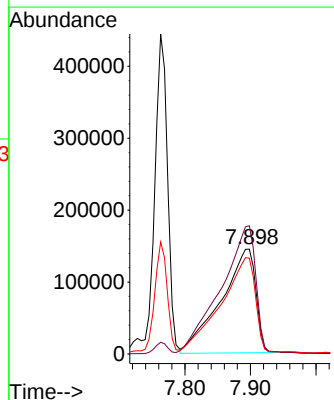
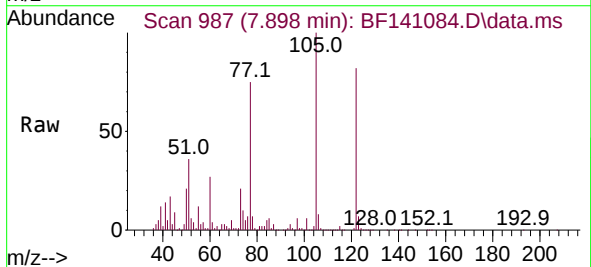
Instrument :
BNA_F
ClientSampleId :
HT2651MS

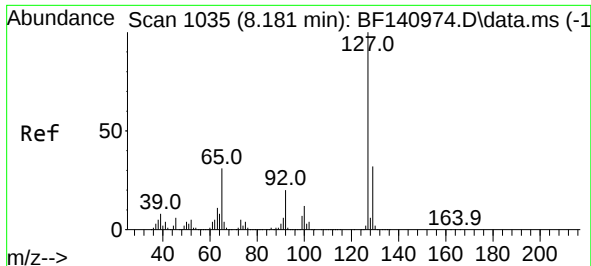
Tgt Ion:128 Resp: 2156628
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 63.793 ng
RT: 7.898 min Scan# 987
Delta R.T. 0.035 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:122 Resp: 533268
Ion Ratio Lower Upper
122 100
105 122.2 105.4 145.4
77 91.4 76.4 116.4

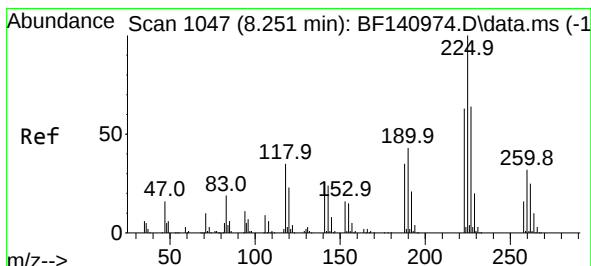
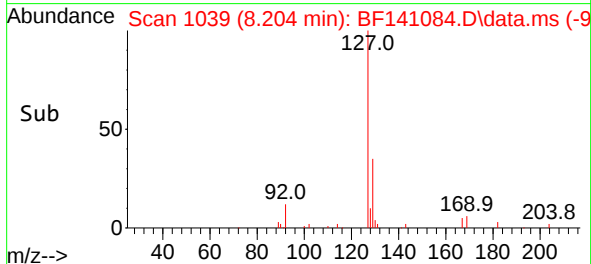
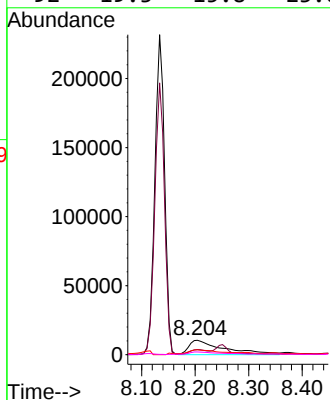
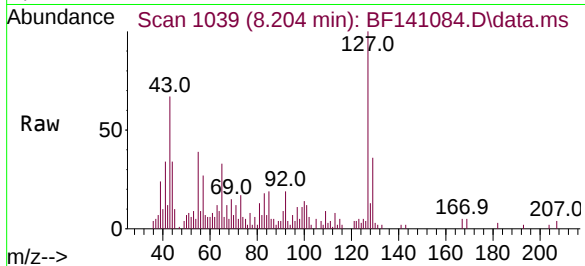




#33
4-Chloroaniline
Concen: 3.250 ng m
RT: 8.204 min Scan# 1039
Delta R.T. 0.023 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

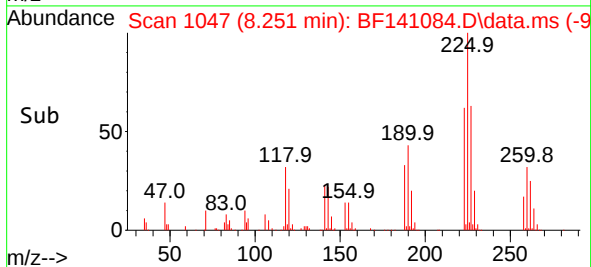
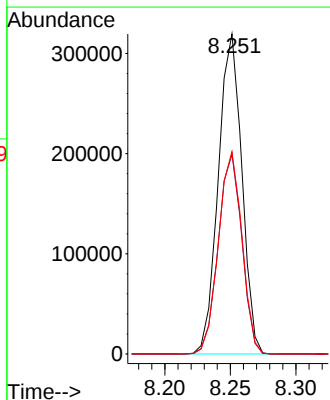
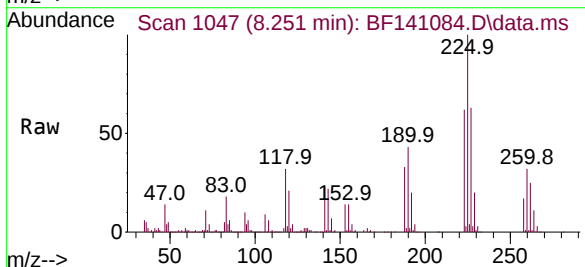
Instrument :
BNA_F
ClientSampleId :
HT2651MS

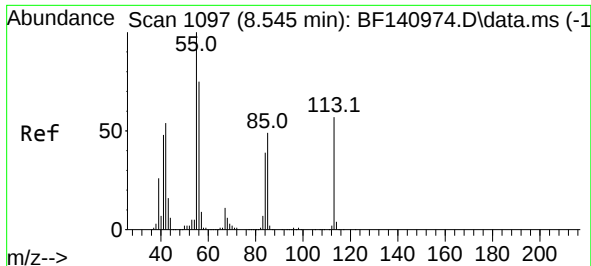
Tgt Ion:	127	Resp:	48350
Ion Ratio	Lower	Upper	
127	100		
129	36.0	26.1	39.1
65	33.0	24.6	37.0
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 54.217 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:	225	Resp:	397971
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.3	75.5
227	63.3	50.8	76.2

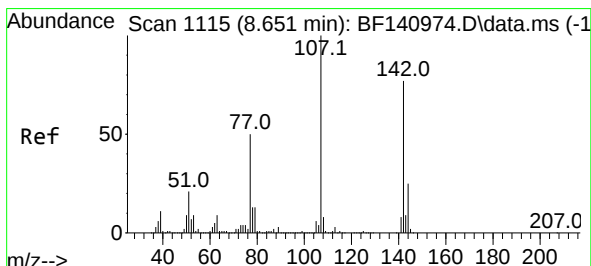
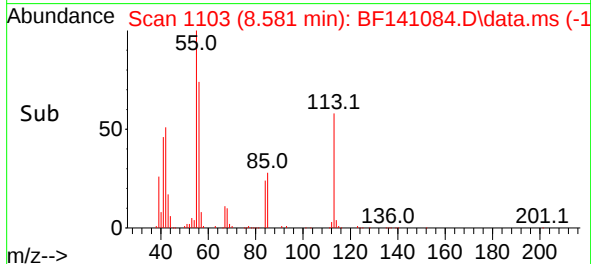
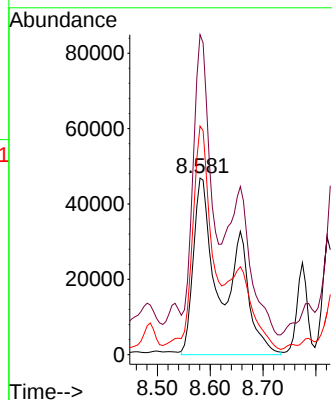
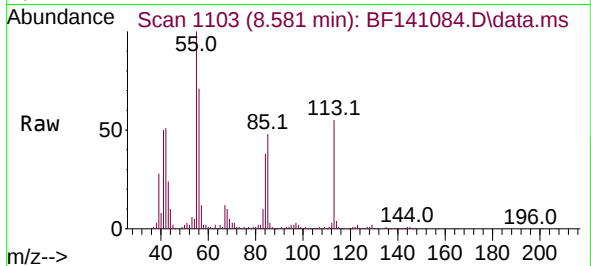




#35
Caprolactam
Concen: 51.730 ng m
RT: 8.581 min Scan# 1103
Delta R.T. 0.035 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

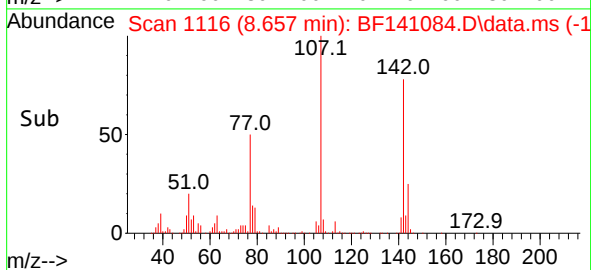
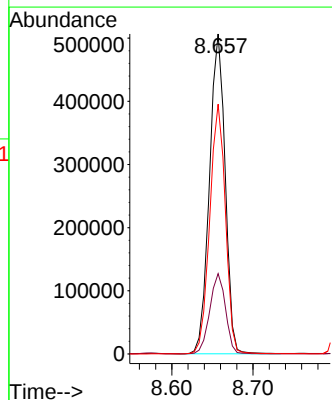
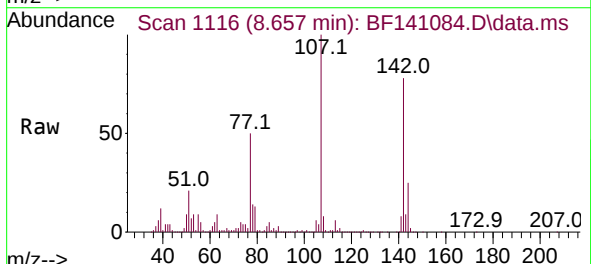
Instrument :
BNA_F
ClientSampleId :
HT2651MS

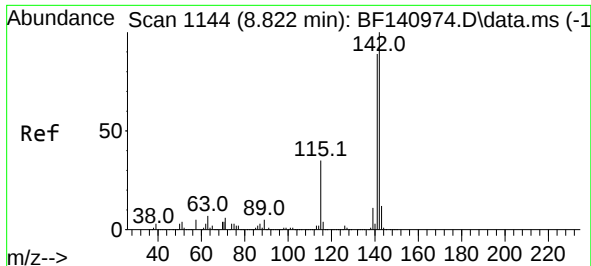
Tgt Ion:113 Resp: 193459
Ion Ratio Lower Upper
113 100
55 181.2 156.6 196.6
56 129.5 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 55.567 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:107 Resp: 678859
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 78.0 61.8 92.8

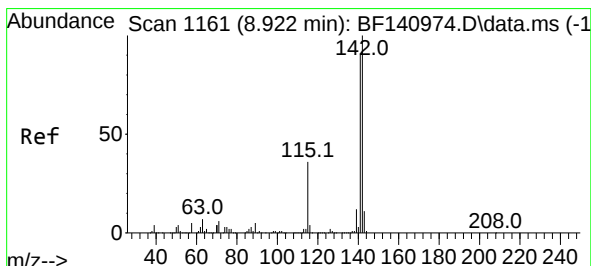
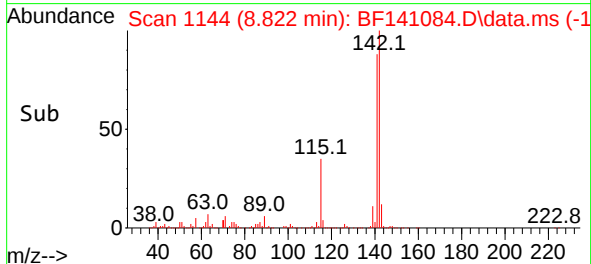
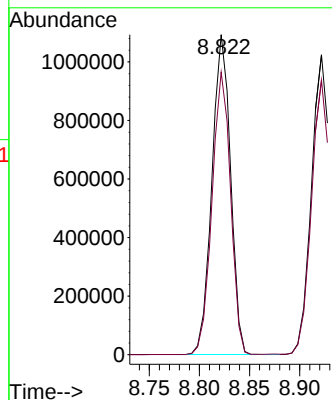
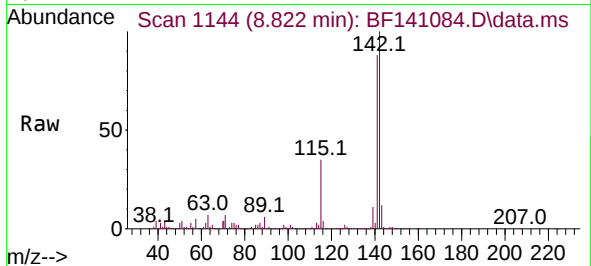




#37
2-Methylnaphthalene
Concen: 53.655 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

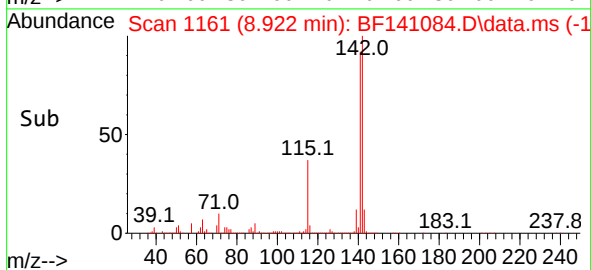
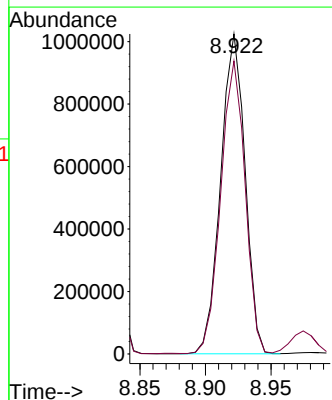
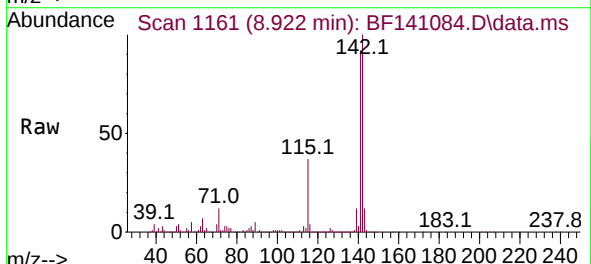
Instrument :
BNA_F
ClientSampleId :
HT2651MS

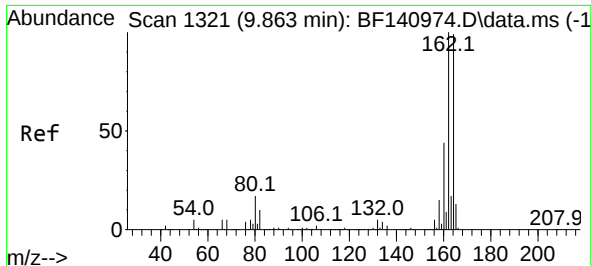
Tgt Ion:142 Resp: 1411351
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 51.208 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:142 Resp: 1323793
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1

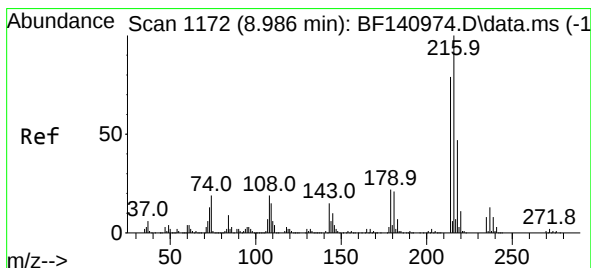
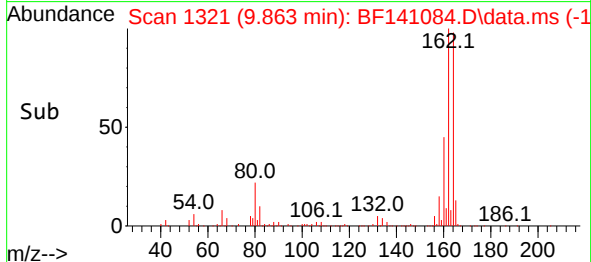
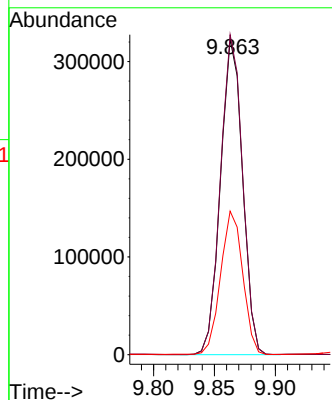
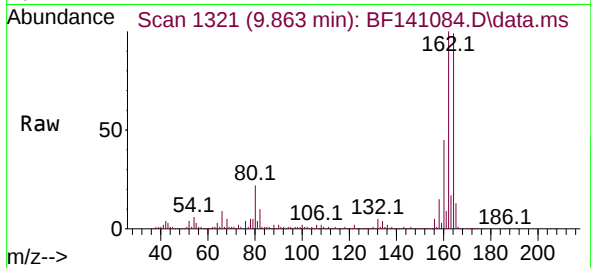




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

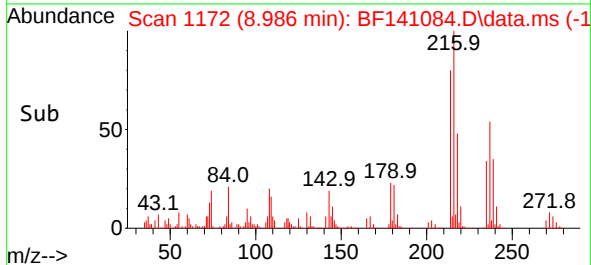
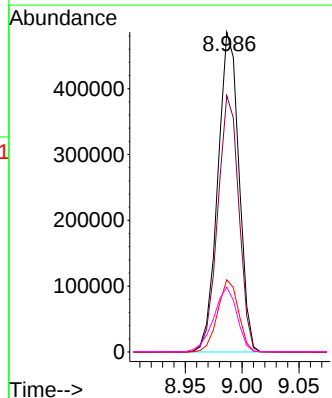
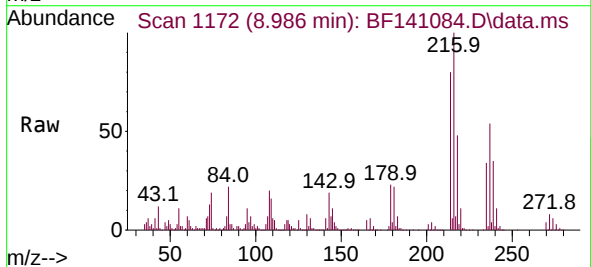
Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion:164 Resp: 407725
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.5 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.994 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

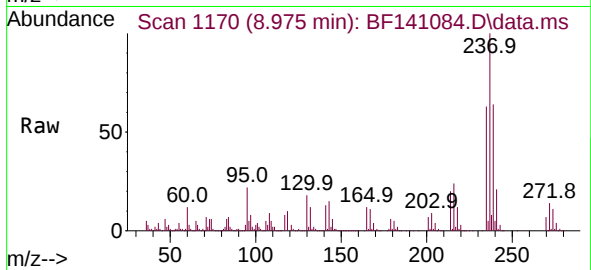
Tgt Ion:216 Resp: 628080
Ion Ratio Lower Upper
216 100
214 80.0 63.0 94.6
179 22.2 17.9 26.9
108 22.4 16.2 24.2



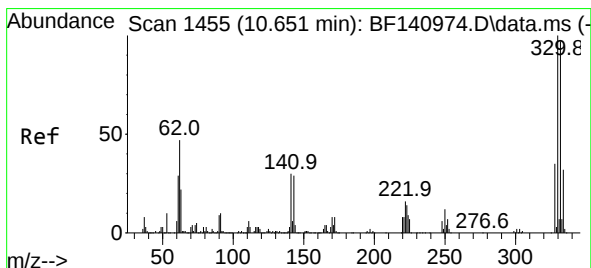
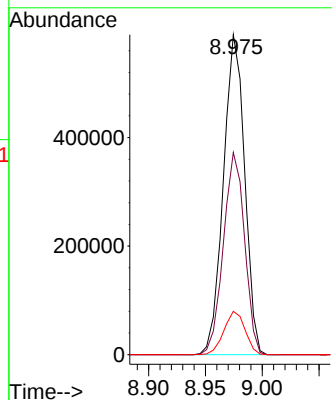
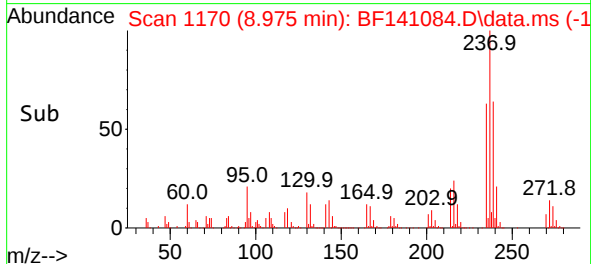


#41
Hexachlorocyclopentadiene
Concen: 206.459 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

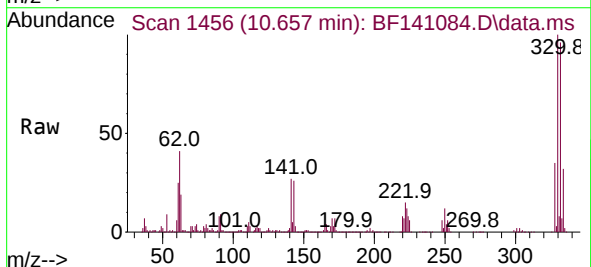
Instrument :
BNA_F
ClientSampleId :
HT2651MS



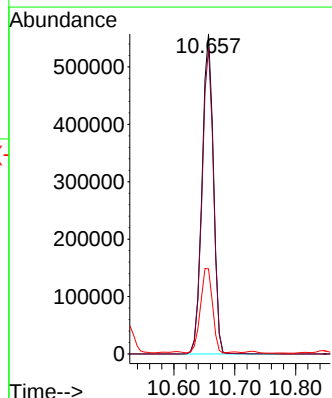
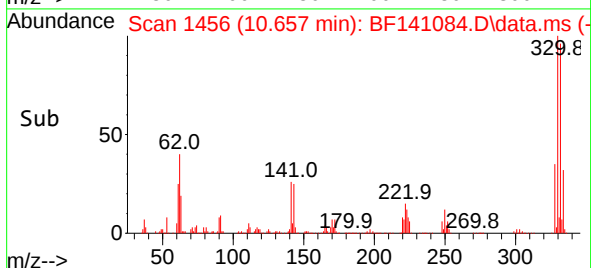
Tgt Ion:237 Resp: 767447
Ion Ratio Lower Upper
237 100
235 63.2 43.4 83.4
272 13.5 0.0 32.6

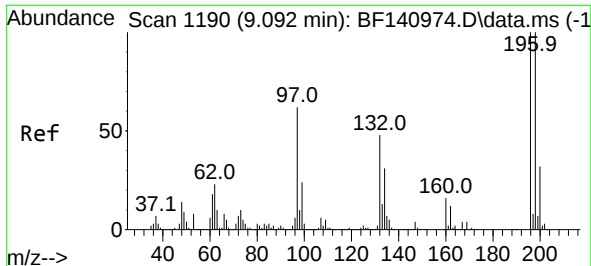


#42
2,4,6-Tribromophenol
Concen: 182.629 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26



Tgt Ion:330 Resp: 723555
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 27.8 26.4 39.6

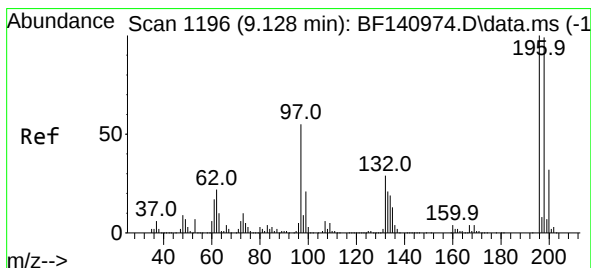
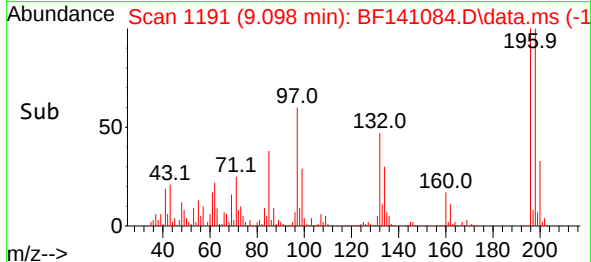
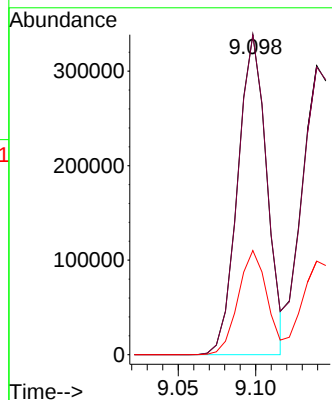
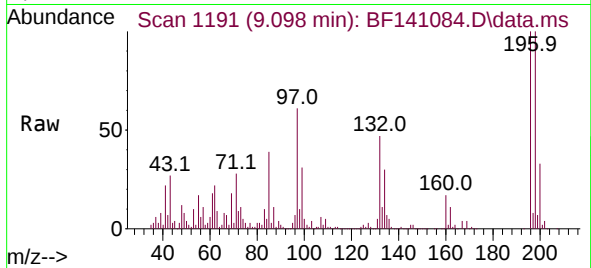




#43
2,4,6-Trichlorophenol
Concen: 58.906 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

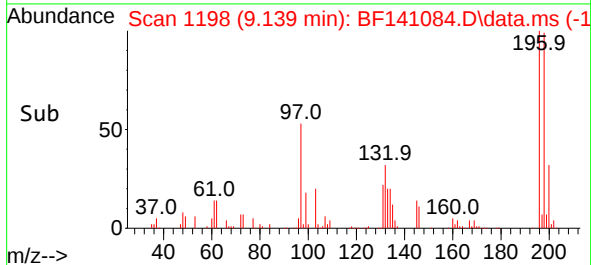
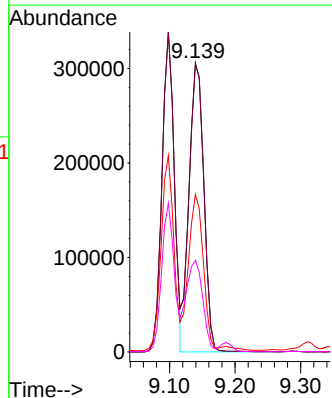
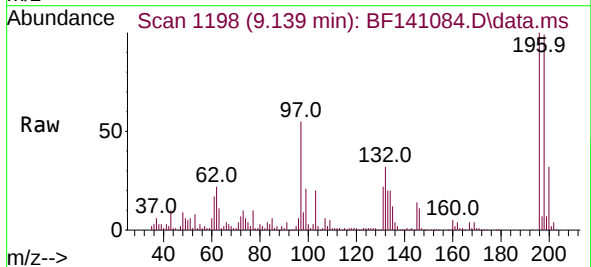
Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion:196 Resp: 439766
Ion Ratio Lower Upper
196 100
198 99.9 80.2 120.4
200 32.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 62.537 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:196 Resp: 477697
Ion Ratio Lower Upper
196 100
198 99.5 79.9 119.9
97 54.5 44.3 66.5
132 31.7 24.7 37.1

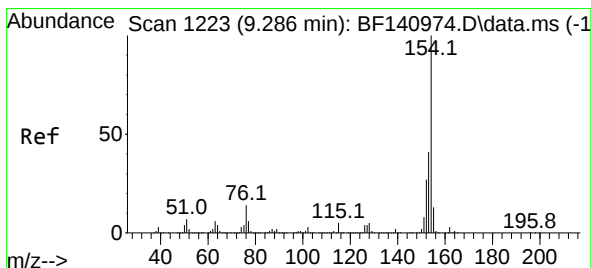
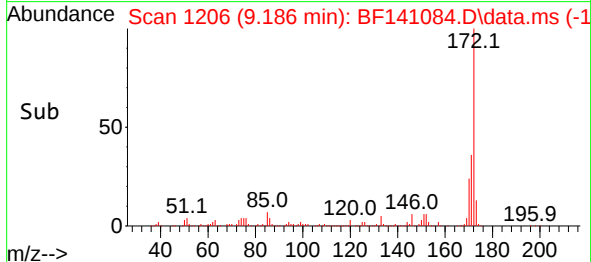
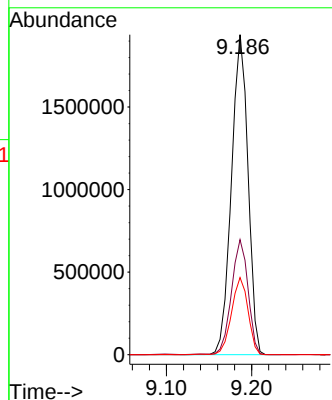
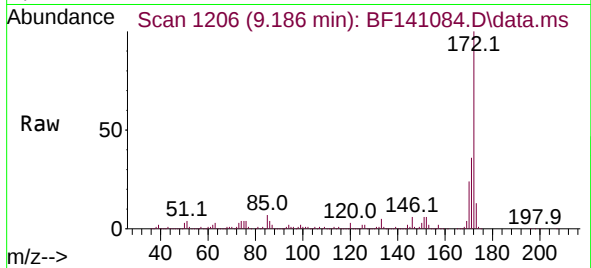




#45
2-Fluorobiphenyl
Concen: 102.265 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

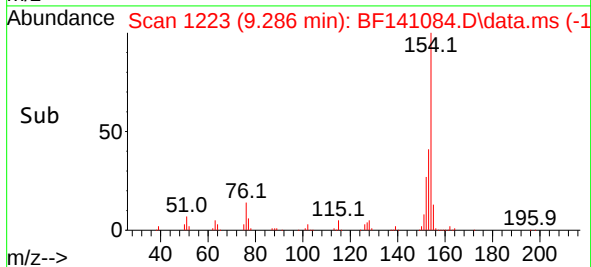
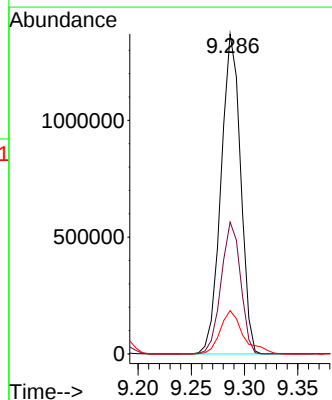
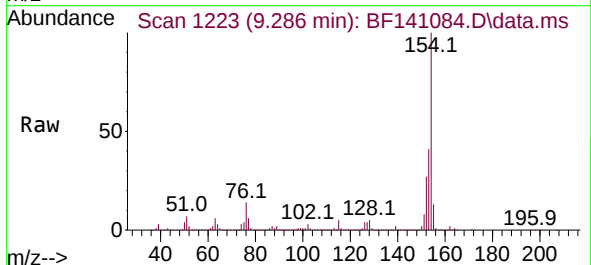
Instrument :
BNA_F
ClientSampleId :
HT2651MS

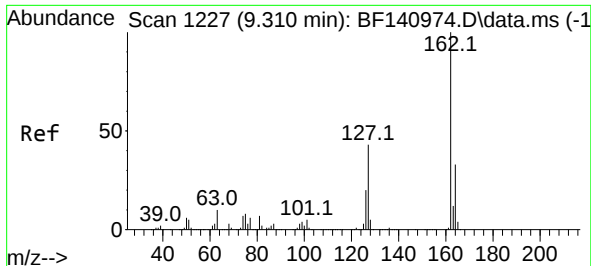
Tgt Ion:172 Resp: 2617065
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.1 19.6 29.4



#46
1,1'-Biphenyl
Concen: 55.907 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:154 Resp: 1745391
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 13.5 0.0 34.0

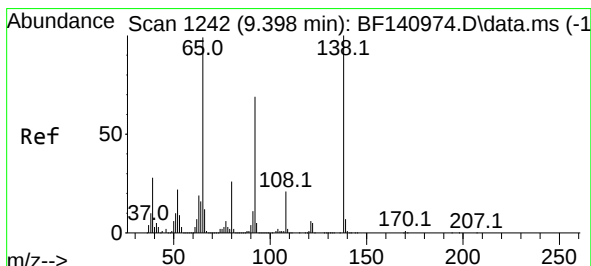
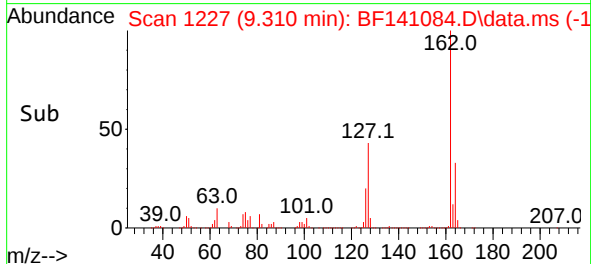
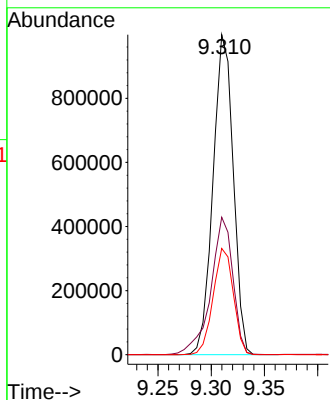
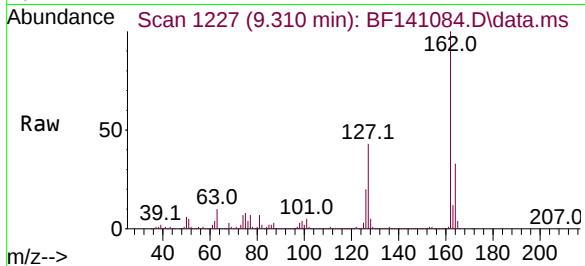




#47
2-Chloronaphthalene
Concen: 54.504 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

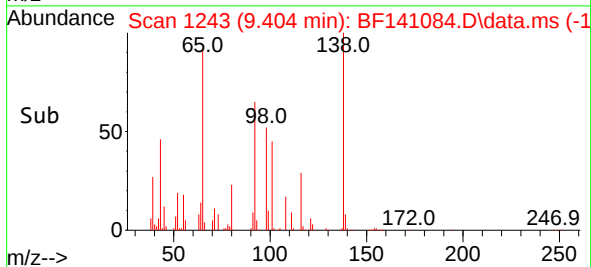
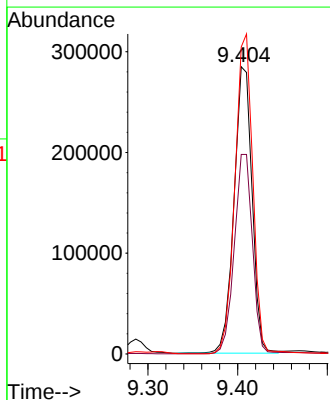
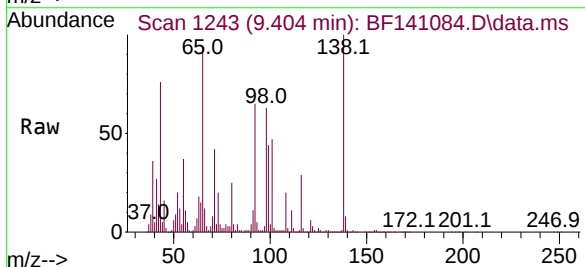
Instrument :
BNA_F
ClientSampleId :
HT2651MS

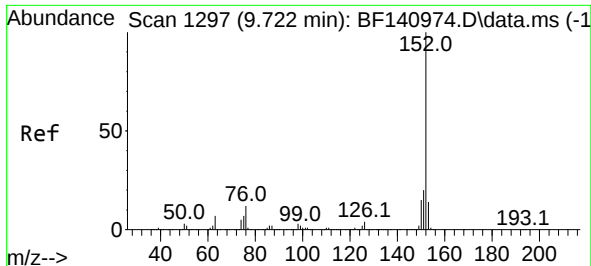
Tgt Ion:162 Resp: 1319689
Ion Ratio Lower Upper
162 100
127 42.9 34.2 51.4
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 61.232 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 65 Resp: 396836
Ion Ratio Lower Upper
65 100
92 69.5 55.6 83.4
138 106.9 80.5 120.7

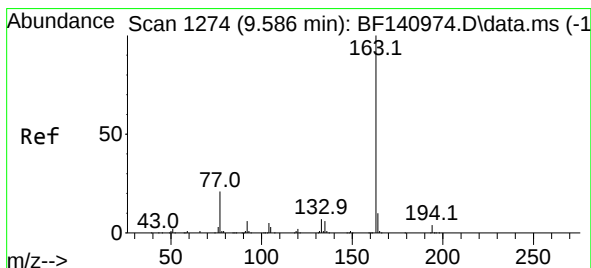
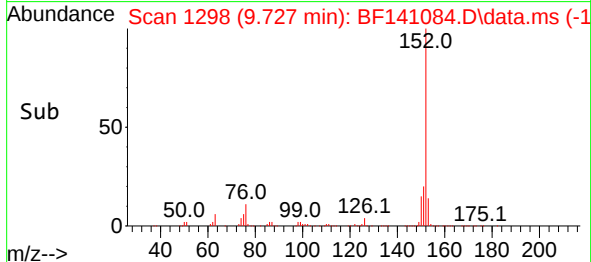
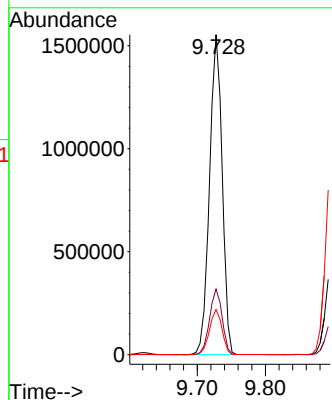
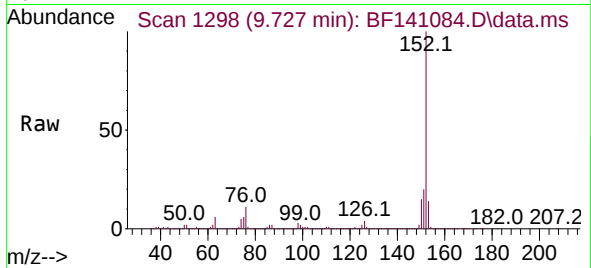




#49
Acenaphthylene
Concen: 57.504 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

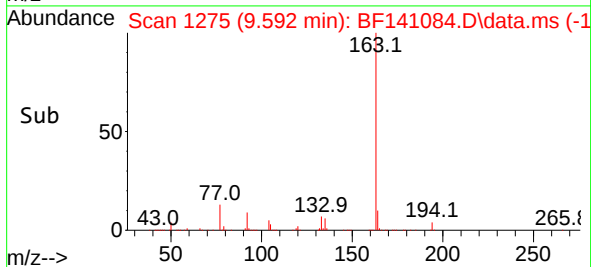
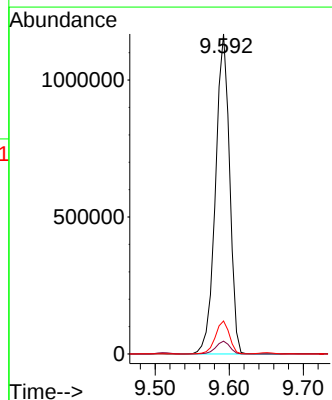
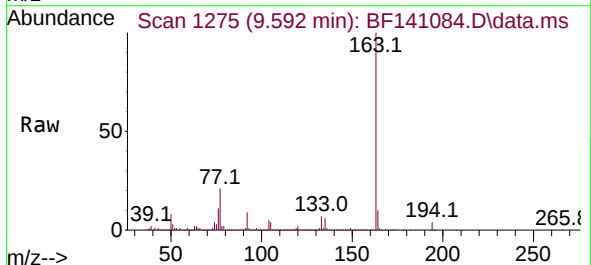
Instrument :
BNA_F
ClientSampleId :
HT2651MS

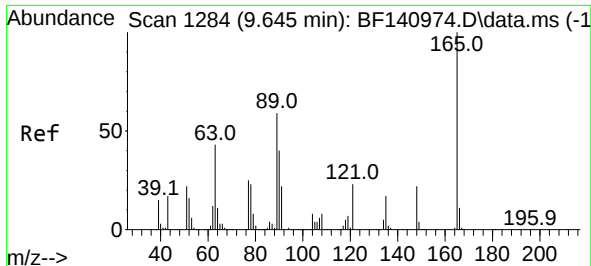
Tgt Ion:152 Resp: 2004309
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.1 11.4 17.0



#50
Dimethylphthalate
Concen: 57.361 ng
RT: 9.592 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:163 Resp: 1538347
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 63.742 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

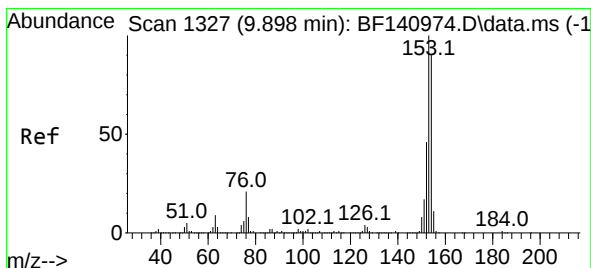
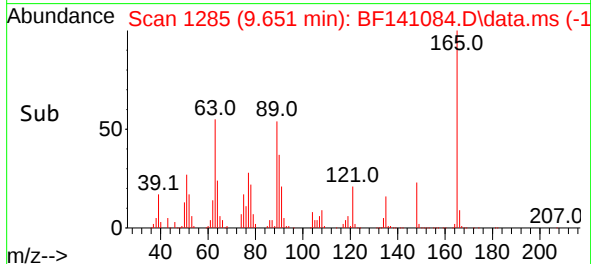
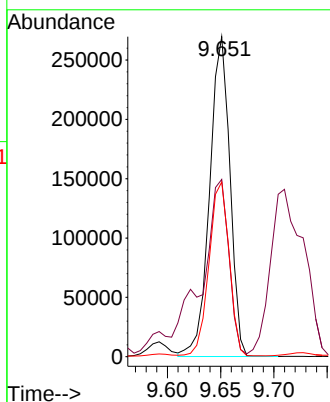
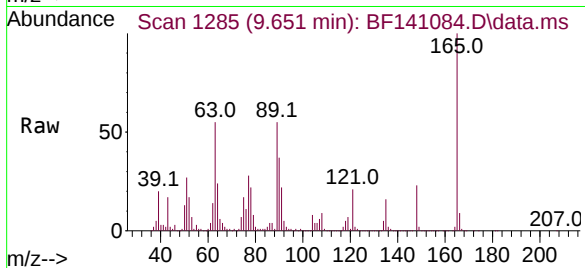
Tgt Ion:165 Resp: 355718

Ion Ratio Lower Upper

165 100

63 55.4 47.1 70.7

89 54.6 47.0 70.4



#52

Acenaphthene

Concen: 65.052 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

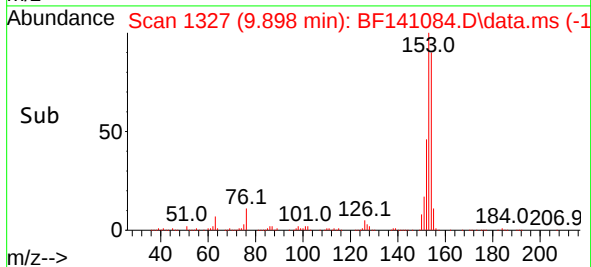
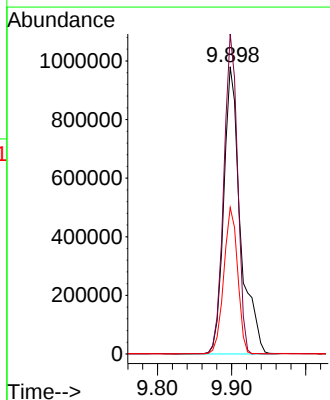
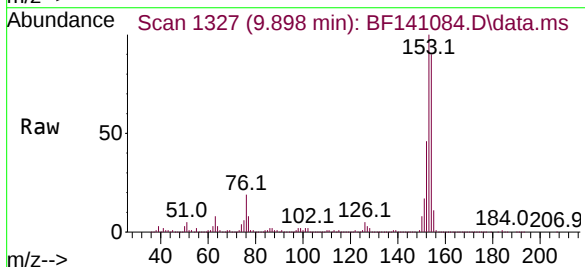
Tgt Ion:154 Resp: 1532871

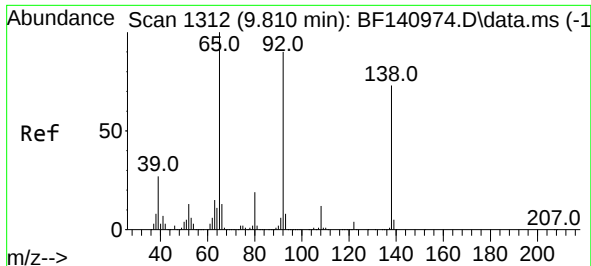
Ion Ratio Lower Upper

154 100

153 111.4 89.2 133.8

152 51.0 40.9 61.3

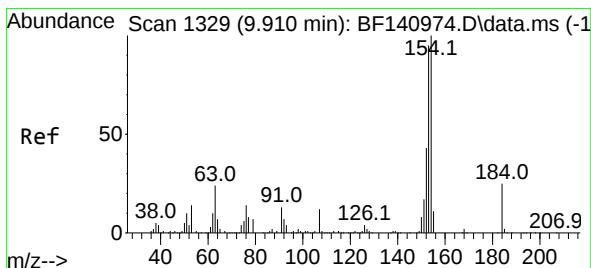
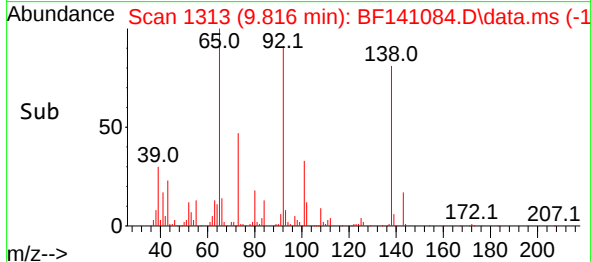
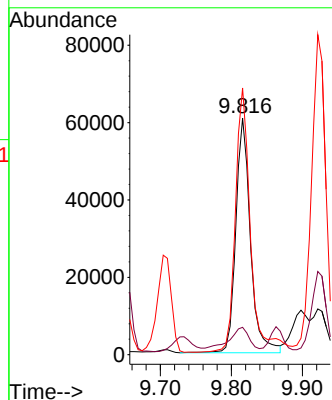
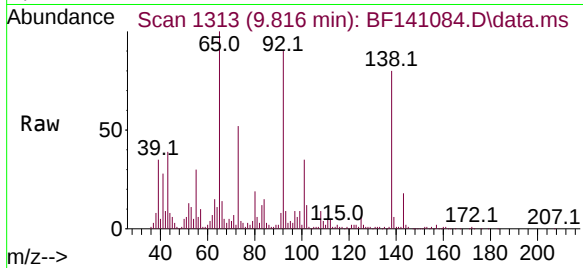




#53
3-Nitroaniline
Concen: 16.910 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

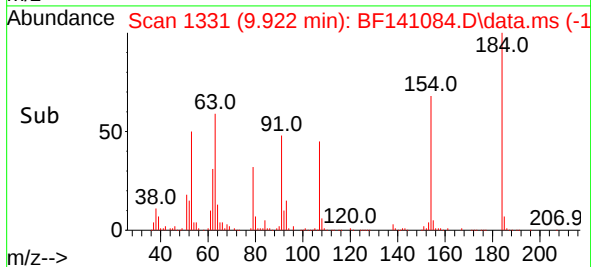
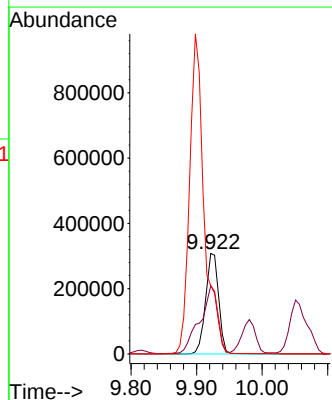
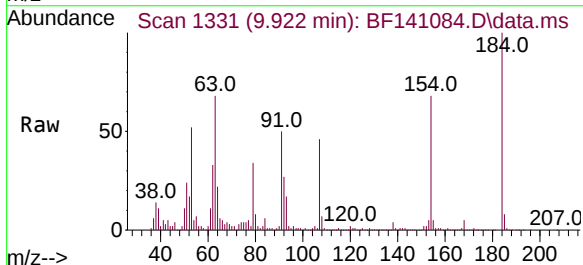
Instrument :
BNA_F
ClientSampleId :
HT2651MS

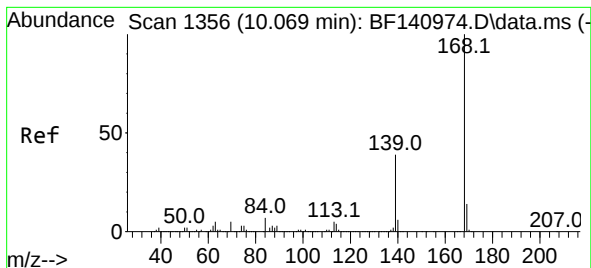
Tgt Ion:138 Resp: 87081
Ion Ratio Lower Upper
138 100
108 11.6 13.5 20.3#
92 112.8 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 143.625 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:184 Resp: 427405
Ion Ratio Lower Upper
184 100
63 68.0 81.6 122.4#
154 67.8 363.5 545.3#





#55

Dibenzenofuran

Concen: 55.946 ng

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

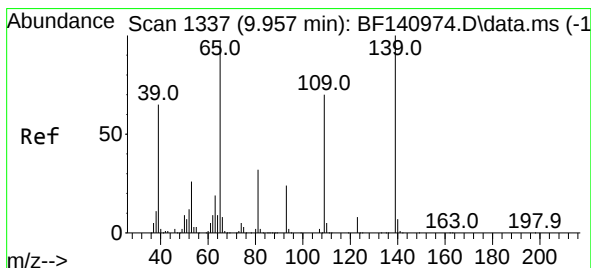
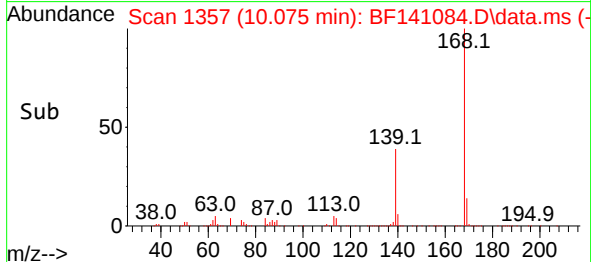
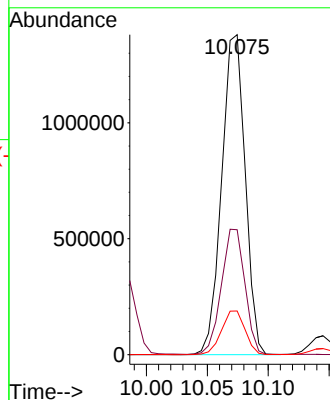
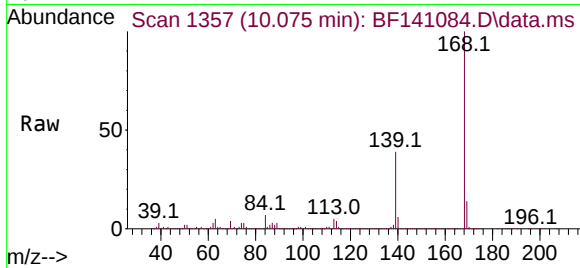
Tgt Ion:168 Resp: 1852681

Ion Ratio Lower Upper

168 100

139 39.0 31.6 47.4

169 13.7 11.0 16.6



#56

4-Nitrophenol

Concen: 117.118 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.023 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

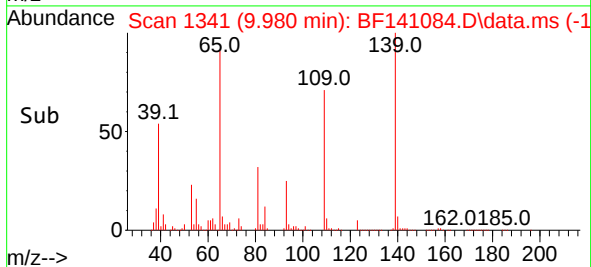
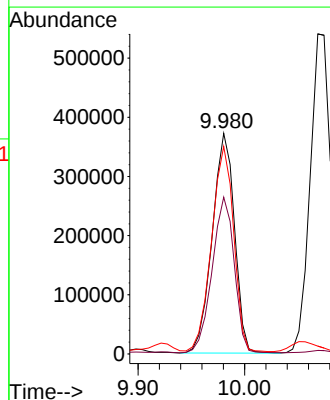
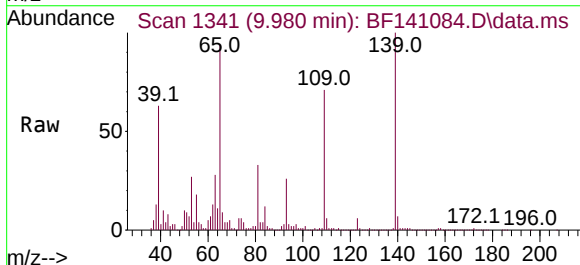
Tgt Ion:139 Resp: 537285

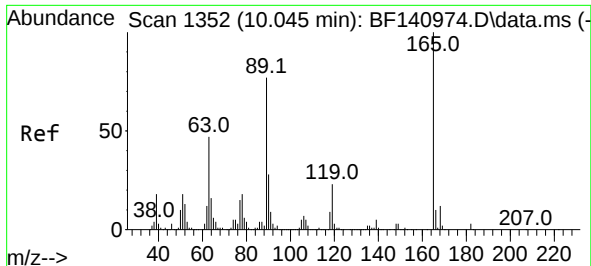
Ion Ratio Lower Upper

139 100

109 71.1 50.8 90.8

65 94.1 78.5 118.5

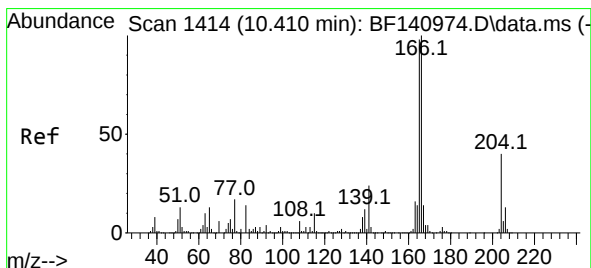
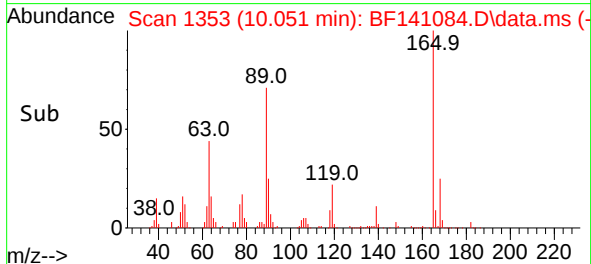
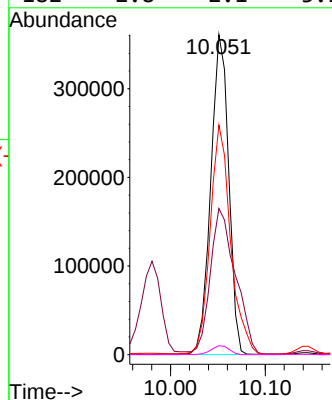
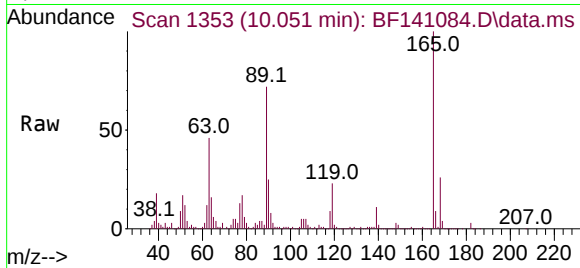




#57
2,4-Dinitrotoluene
Concen: 68.251 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

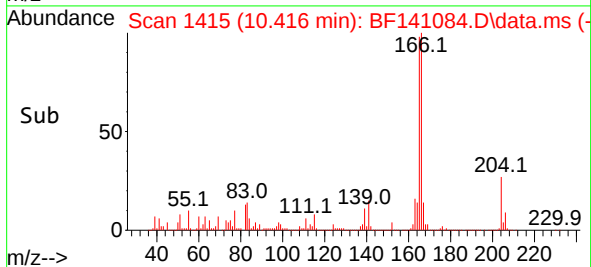
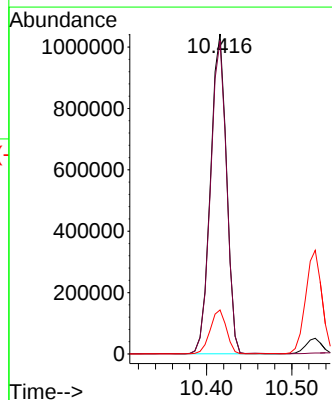
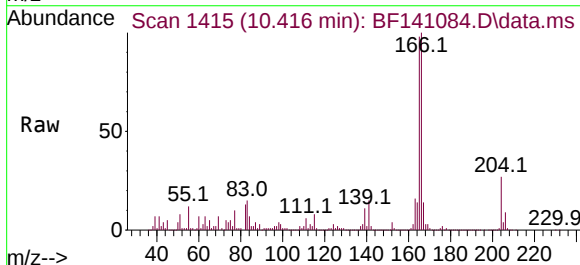
Instrument :
BNA_F
ClientSampleId :
HT2651MS

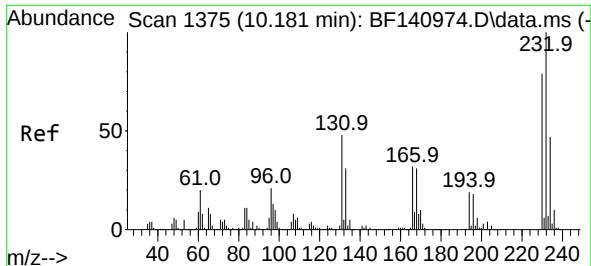
Tgt Ion:165 Resp: 470810
Ion Ratio Lower Upper
165 100
63 45.7 38.1 57.1
89 71.8 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 52.937 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:166 Resp: 1359380
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.8 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 64.369 ng

RT: 10.186 min Scan# 1375

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

Tgt Ion:232 Resp: 407218

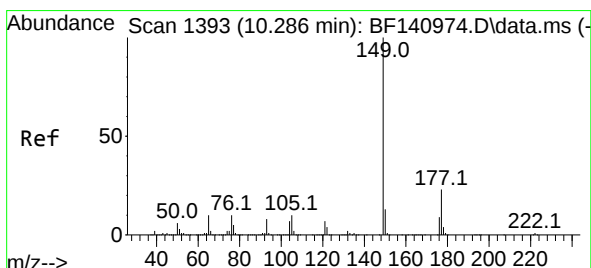
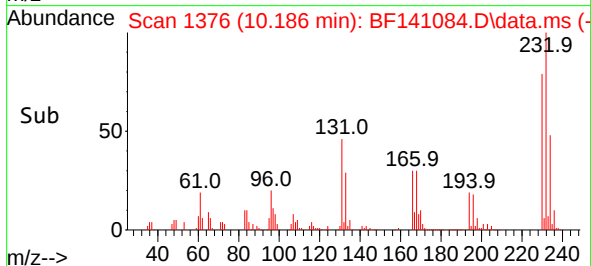
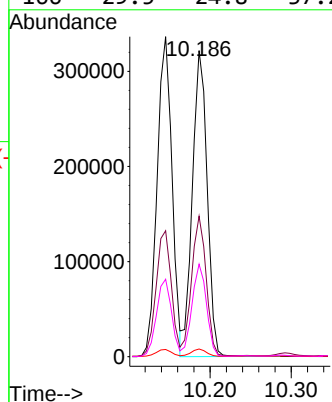
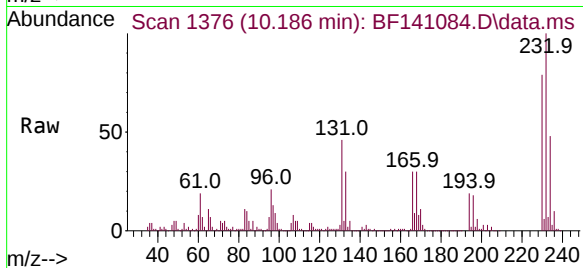
Ion Ratio Lower Upper

232 100

131 44.8 37.4 56.2

130 2.4 1.8 2.8

166 29.5 24.8 37.2



#60

Diethylphthalate

Concen: 56.323 ng

RT: 10.292 min Scan# 1394

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

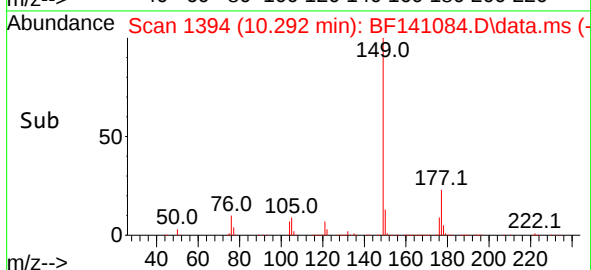
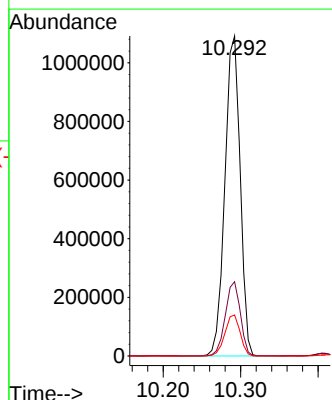
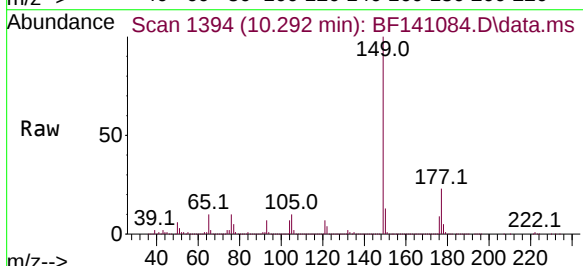
Tgt Ion:149 Resp: 1491222

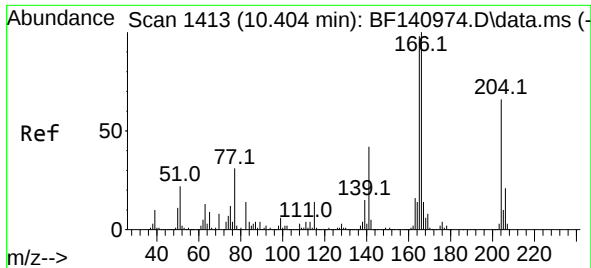
Ion Ratio Lower Upper

149 100

177 23.2 18.3 27.5

150 12.8 10.4 15.6

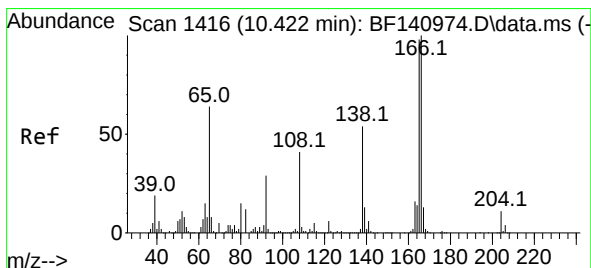
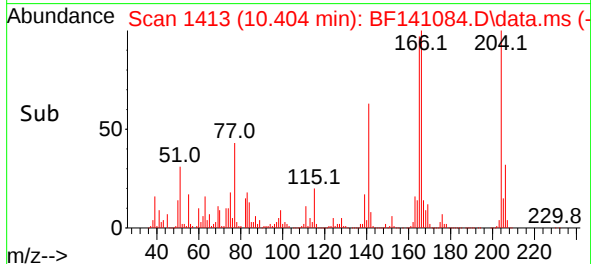
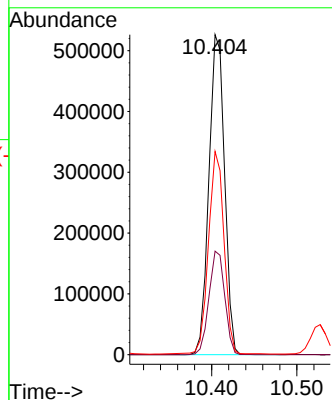
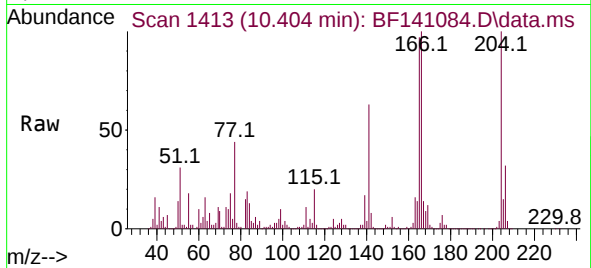




#61
4-Chlorophenyl-phenylether
Concen: 54.382 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

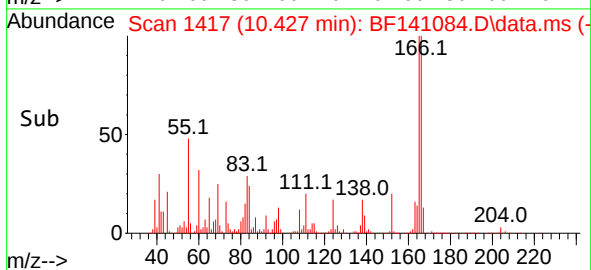
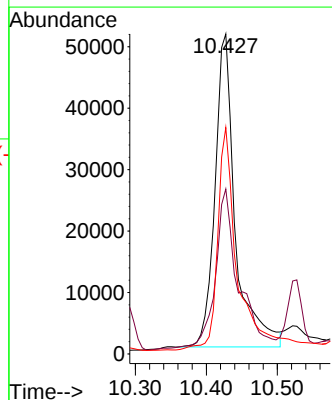
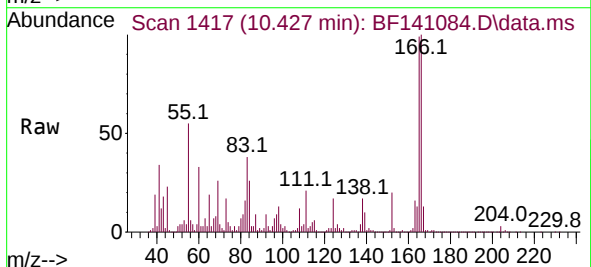
Instrument :
BNA_F
ClientSampleId :
HT2651MS

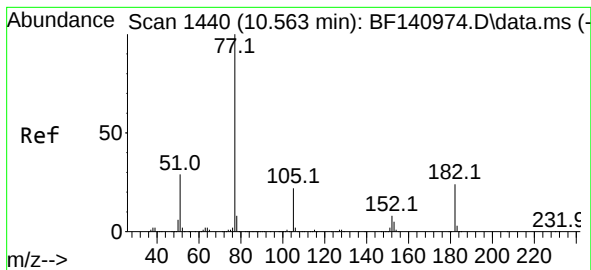
Tgt Ion:204 Resp: 671964
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 63.5 51.2 76.8



#62
4-Nitroaniline
Concen: 19.171 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:138 Resp: 101079
Ion Ratio Lower Upper
138 100
92 51.6 34.8 74.8
108 70.8 55.9 95.9



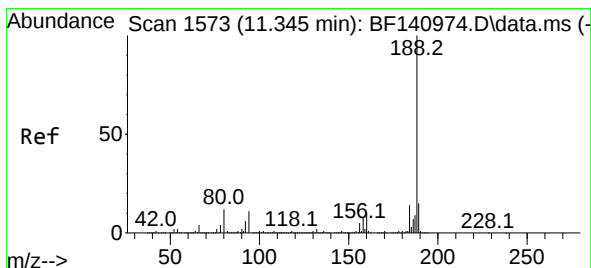
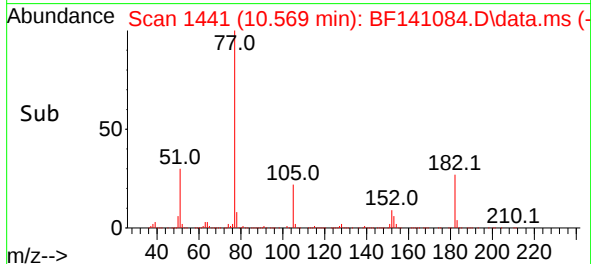
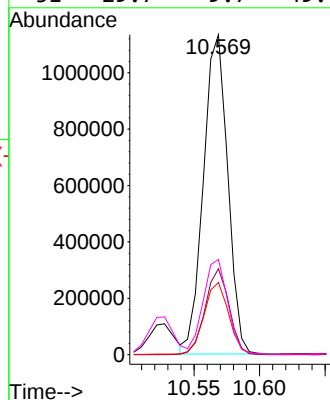
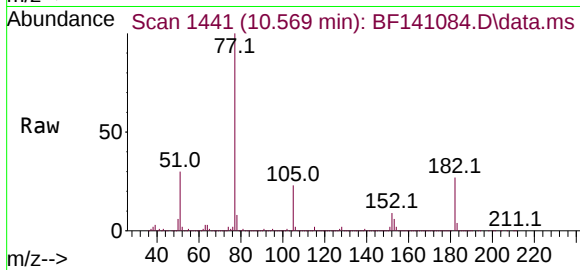


#63
Azobenzene
Concen: 52.637 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion: 77 Resp: 1462801

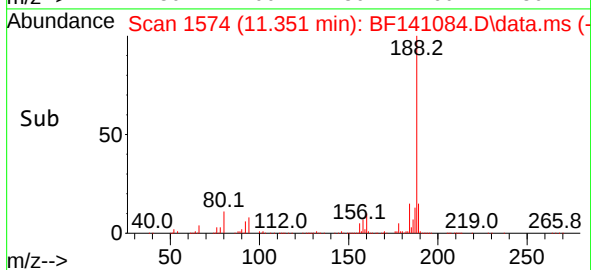
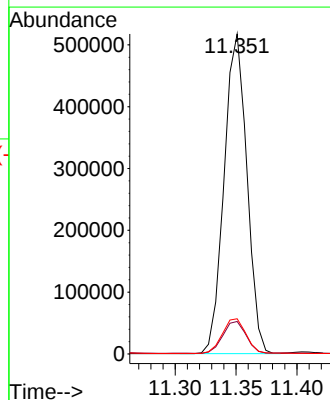
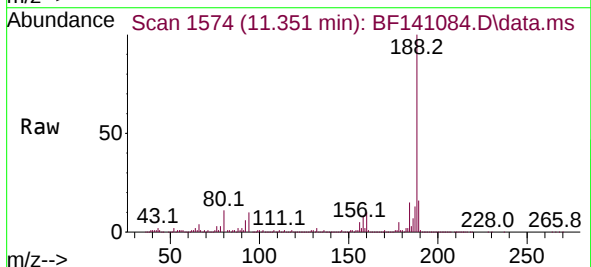
Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.1	44.1
105	22.5	1.8	41.8
51	29.7	9.7	49.7

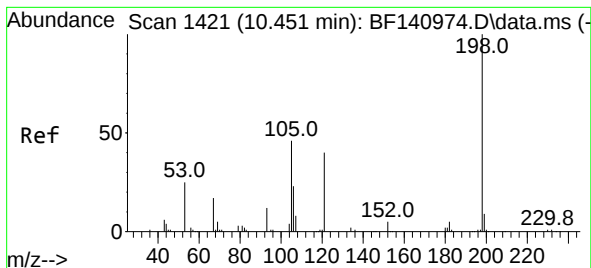


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion: 188 Resp: 673555

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.6
80	11.0	9.8	14.6

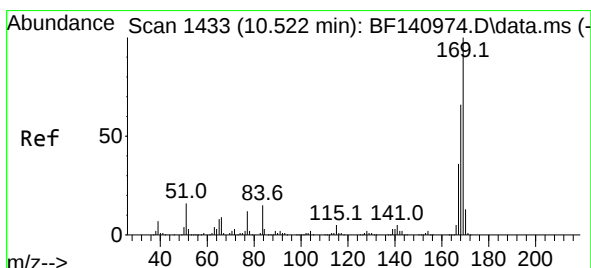
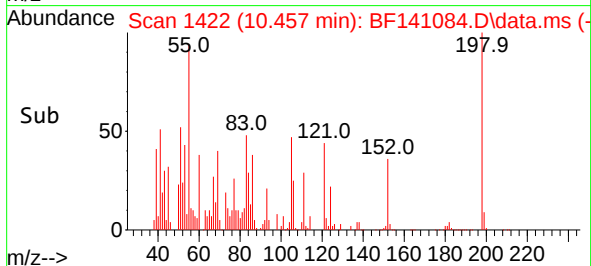
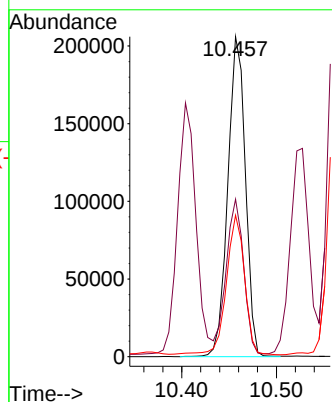
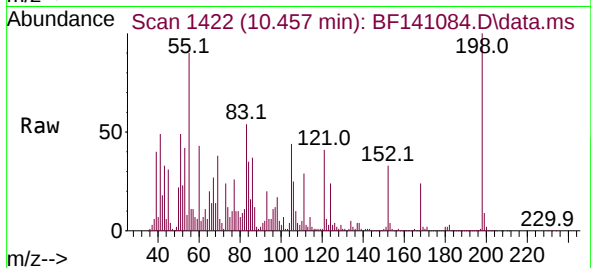




#65
4,6-Dinitro-2-methylphenol
Concen: 89.307 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

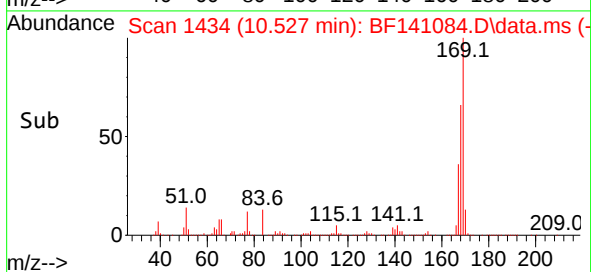
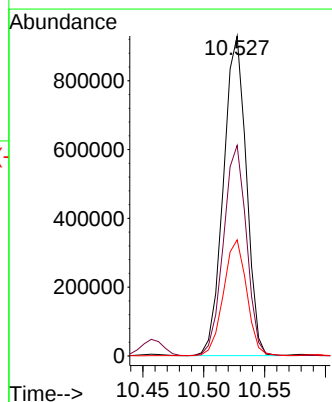
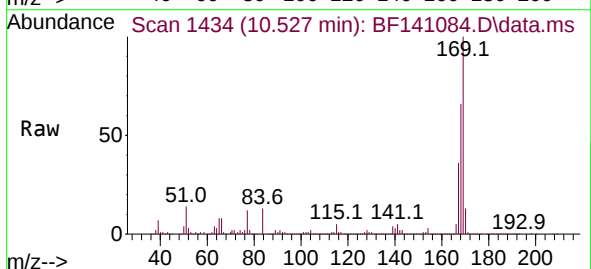
Instrument :
BNA_F
ClientSampleId :
HT2651MS

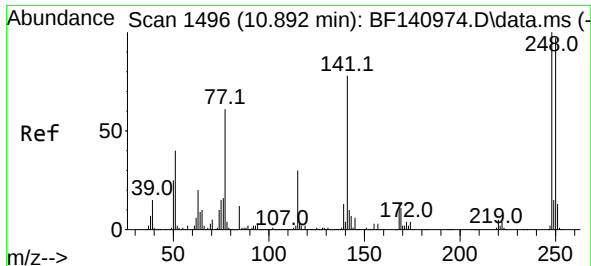
Tgt Ion:198 Resp: 266649
Ion Ratio Lower Upper
198 100
51 49.2 32.3 72.3
105 44.2 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 57.305 ng
RT: 10.527 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:169 Resp: 1215450
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 36.3 29.0 43.4

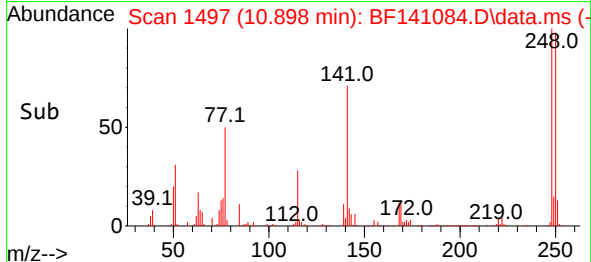
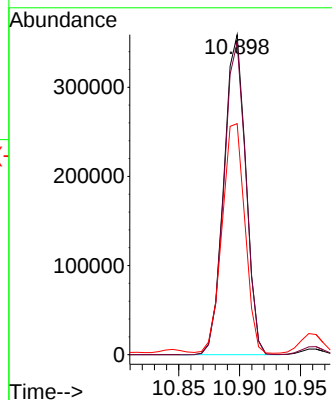
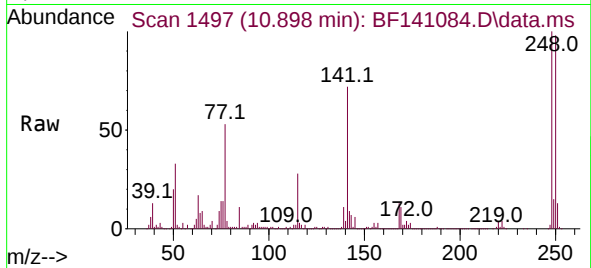




#67
4-Bromophenyl-phenylether
Concen: 61.952 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

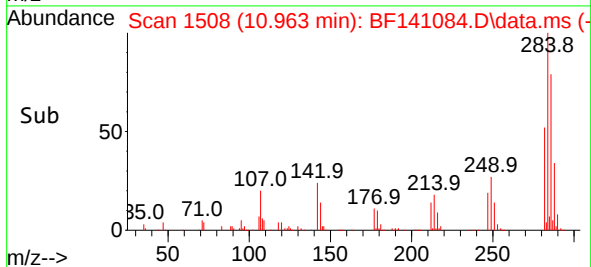
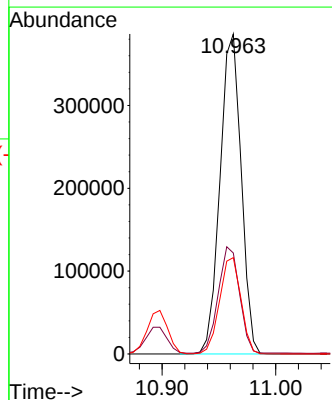
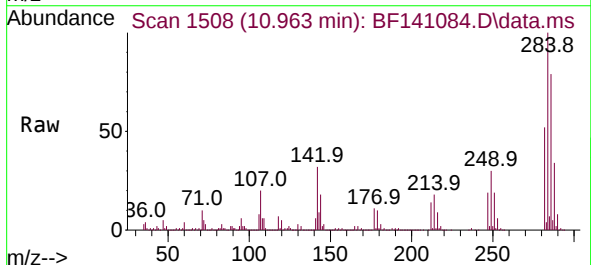
Instrument :
BNA_F
ClientSampleId :
HT2651MS

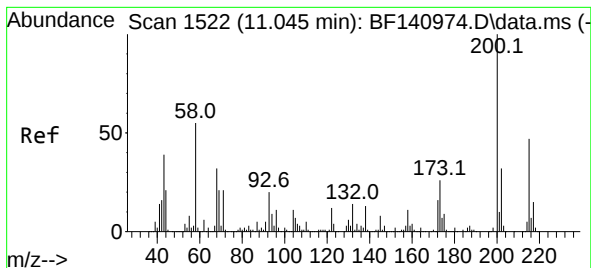
Tgt Ion:248 Resp: 451086
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 72.2 62.1 93.1



#68
Hexachlorobenzene
Concen: 62.279 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:284 Resp: 500022
Ion Ratio Lower Upper
284 100
142 31.5 27.1 40.7
249 30.1 25.1 37.7





#69

Atrazine

Concen: 60.574 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

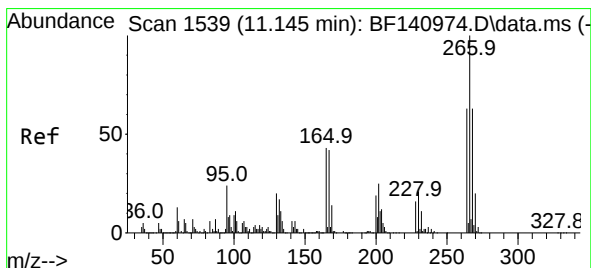
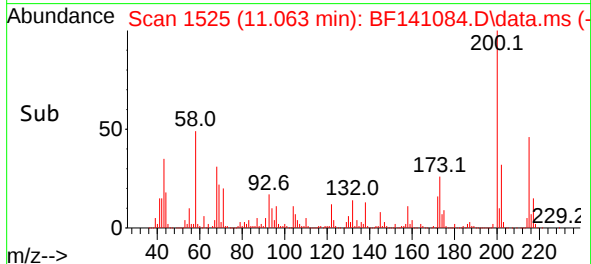
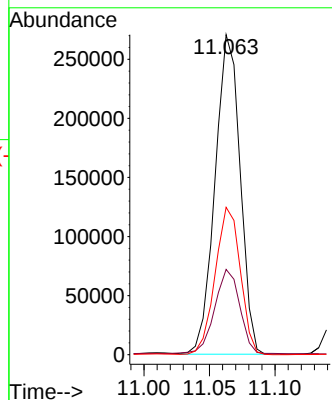
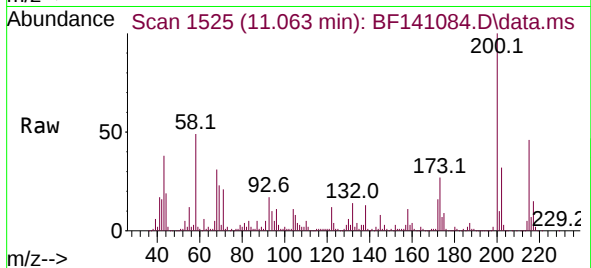
Tgt Ion:200 Resp: 358929

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

215 46.1 27.2 67.2



#70

Pentachlorophenol

Concen: 124.776 ng

RT: 11.157 min Scan# 1541

Delta R.T. 0.012 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

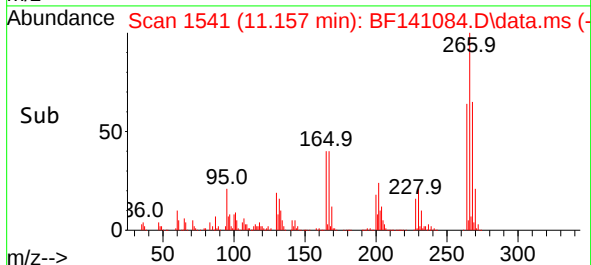
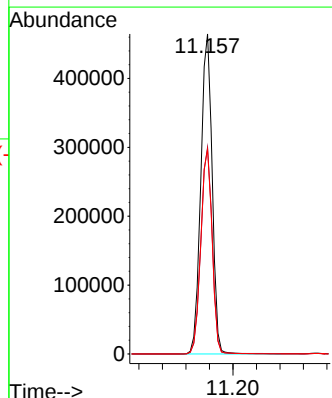
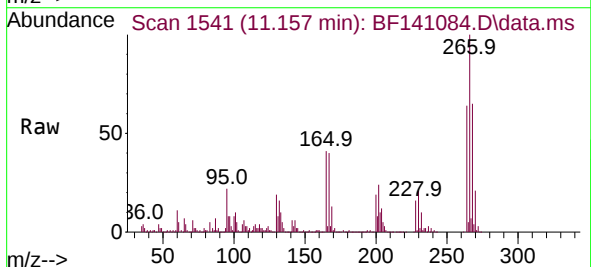
Tgt Ion:266 Resp: 623724

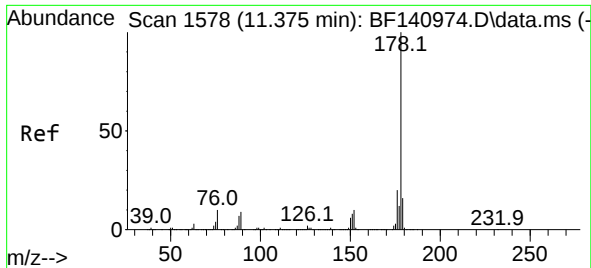
Ion Ratio Lower Upper

266 100

268 64.5 50.5 75.7

264 64.1 50.2 75.4

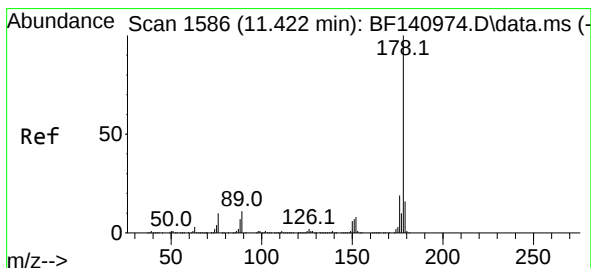
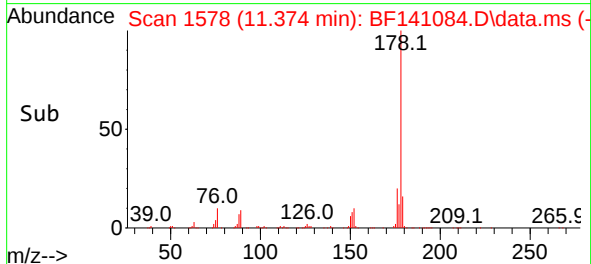
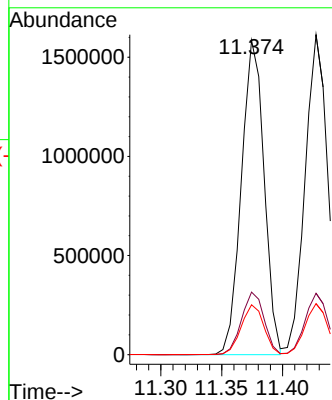
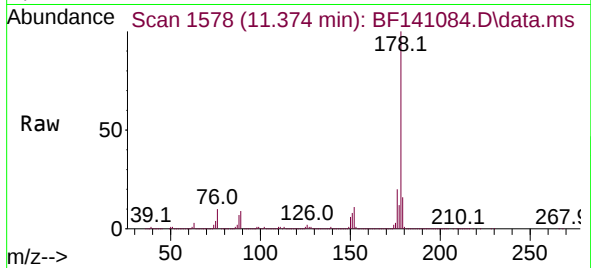




#71
Phenanthrene
Concen: 58.024 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

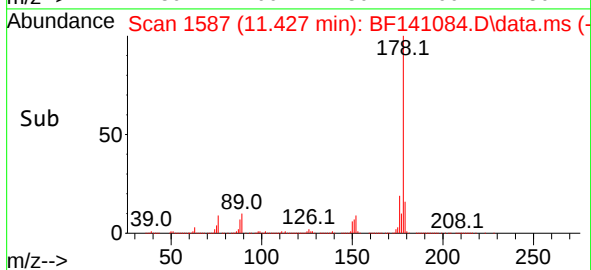
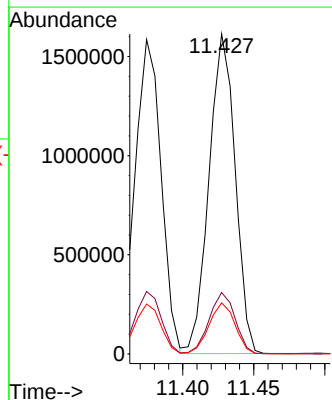
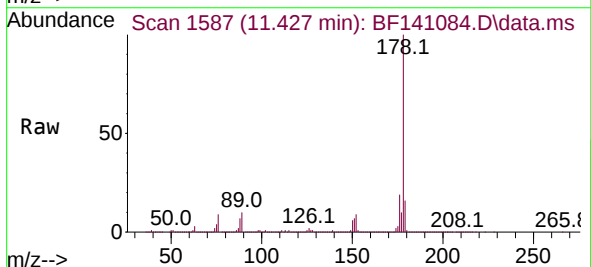
Instrument :
BNA_F
ClientSampleId :
HT2651MS

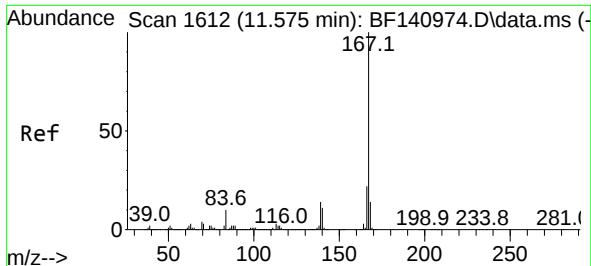
Tgt Ion:178 Resp: 2056928
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.9 12.6 19.0



#72
Anthracene
Concen: 59.498 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:178 Resp: 2066735
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.9 12.9 19.3

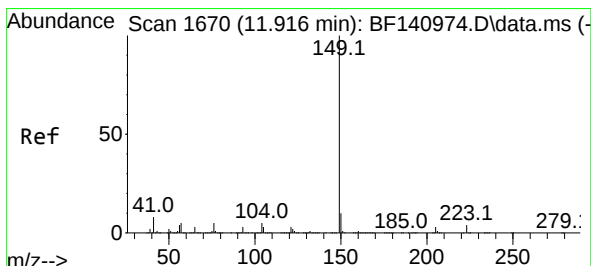
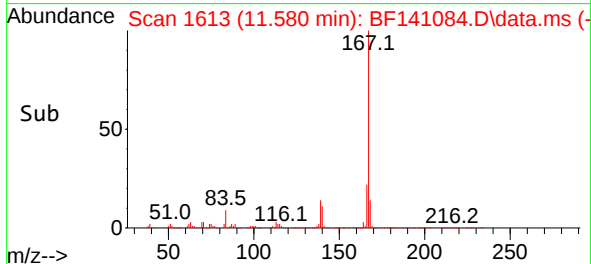
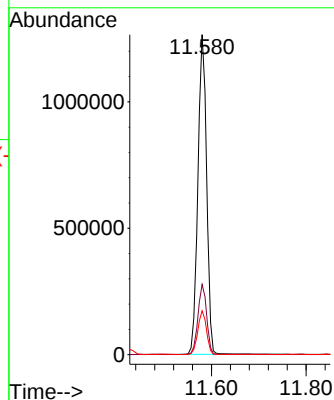
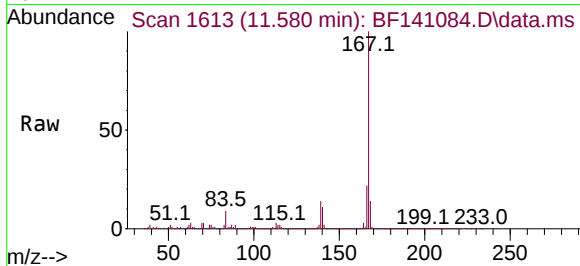




#73
Carbazole
Concen: 48.479 ng
RT: 11.580 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

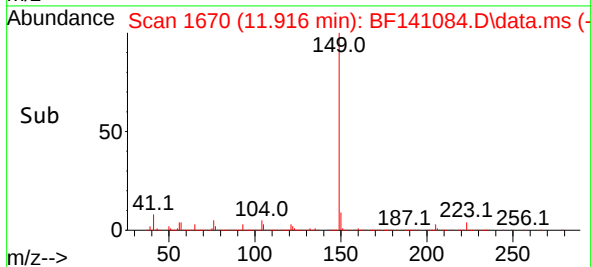
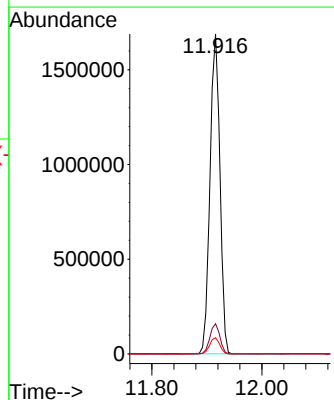
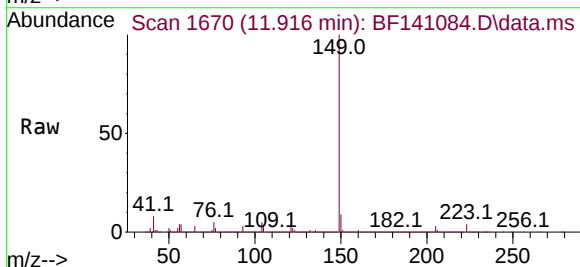
Instrument :
BNA_F
ClientSampleId :
HT2651MS

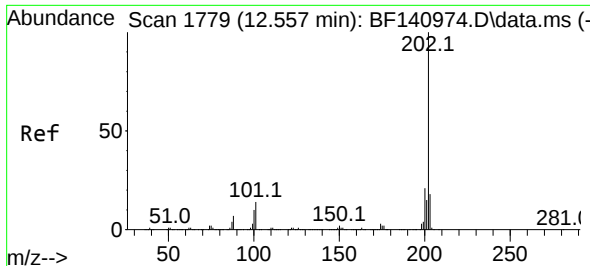
Tgt Ion:167 Resp: 1618831
Ion Ratio Lower Upper
167 100
166 22.0 17.5 26.3
139 13.7 11.0 16.4



#74
Di-n-butylphthalate
Concen: 55.460 ng
RT: 11.916 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:149 Resp: 2106415
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.1 4.1 6.1

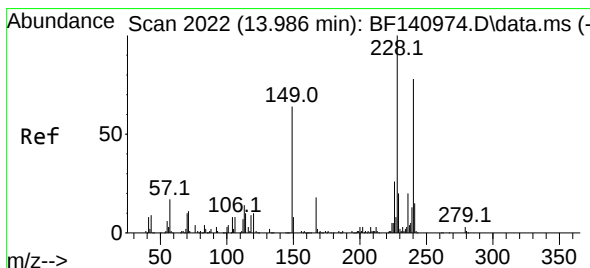
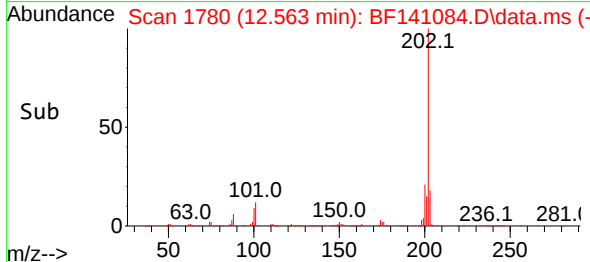
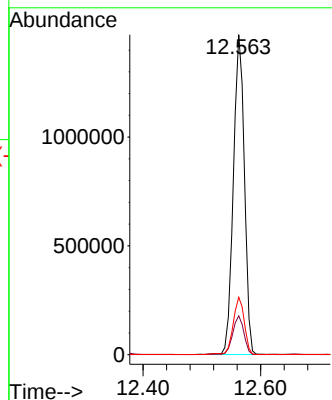
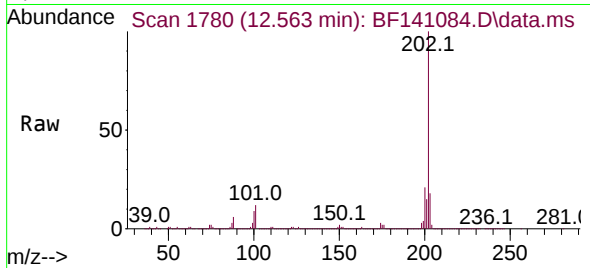




#75
Fluoranthene
Concen: 49.796 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

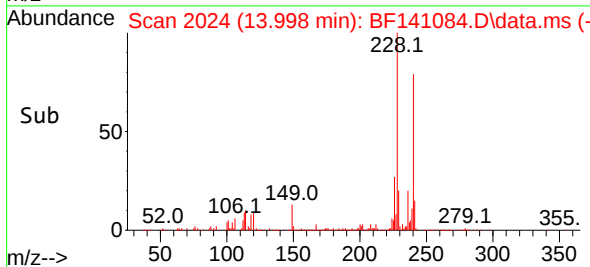
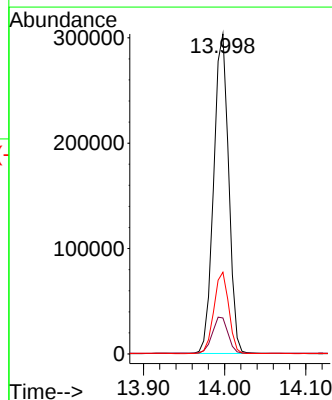
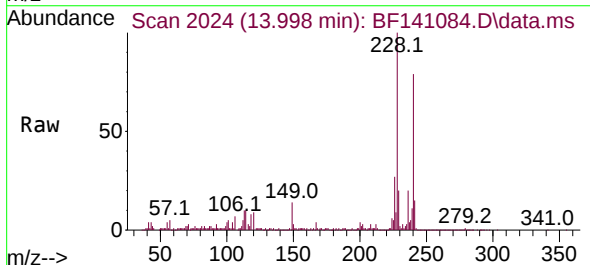
Instrument :
BNA_F
ClientSampleId :
HT2651MS

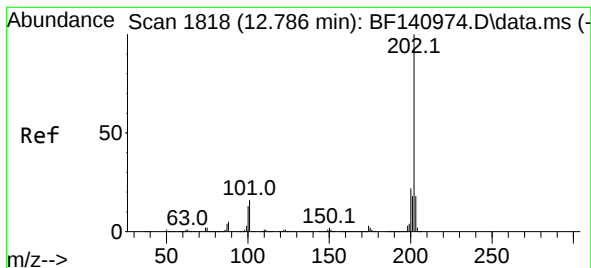
Tgt Ion:202 Resp: 1914542
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.7
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.012 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:240 Resp: 387687
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 25.5 20.6 31.0





#78

Pyrene

Concen: 56.471 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

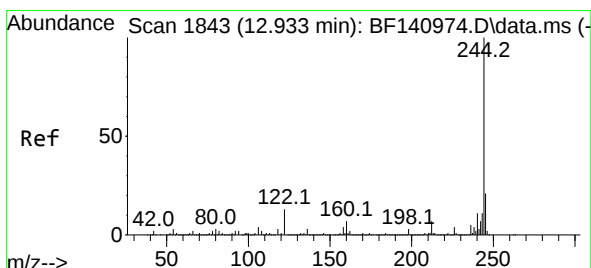
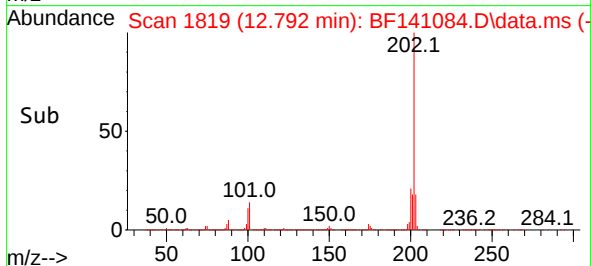
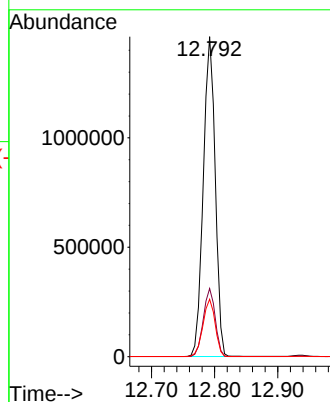
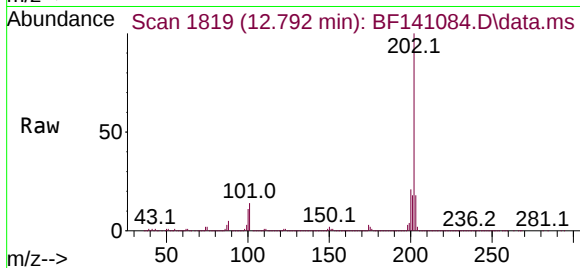
Tgt Ion:202 Resp: 1914719

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 18.0 14.6 21.8



#79

Terphenyl-d14

Concen: 99.816 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

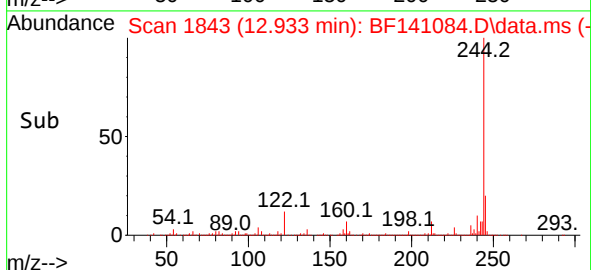
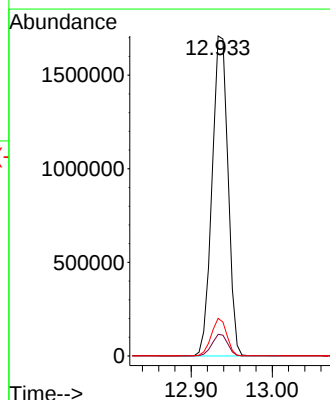
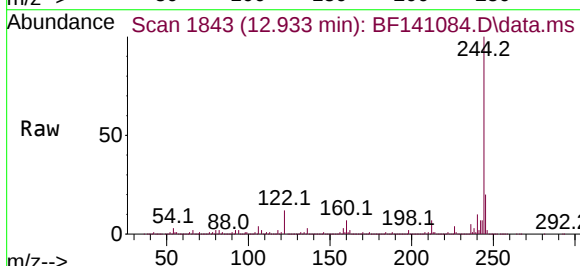
Tgt Ion:244 Resp: 2329777

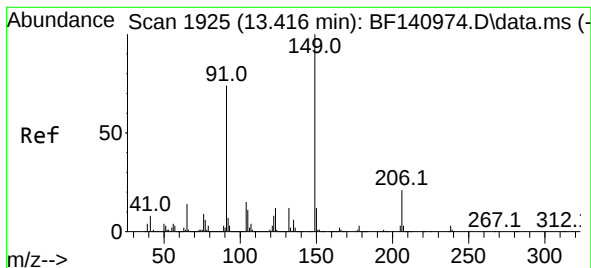
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 11.8 10.2 15.2





#80

Butylbenzylphthalate

Concen: 56.291 ng

RT: 13.415 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

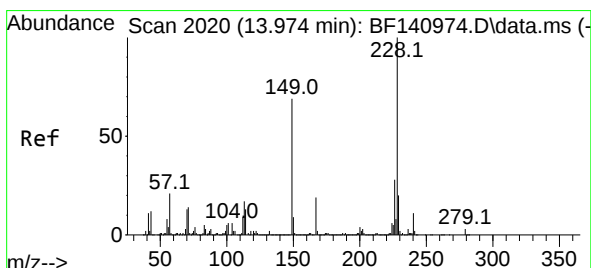
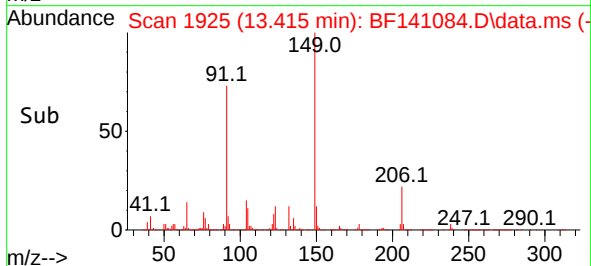
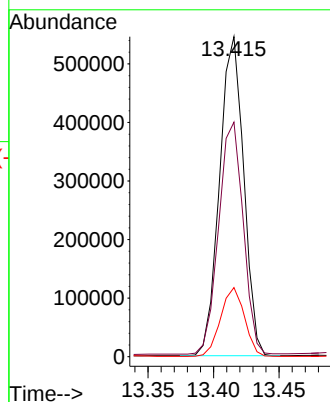
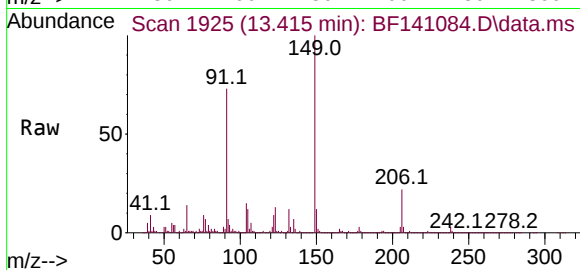
Tgt Ion:149 Resp: 696937

Ion Ratio Lower Upper

149 100

91 73.3 59.5 89.3

206 21.6 17.1 25.7



#81

Benzo(a)anthracene

Concen: 53.040 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.012 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

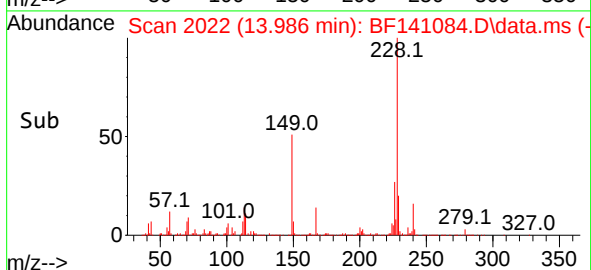
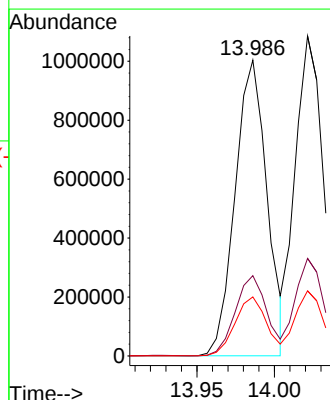
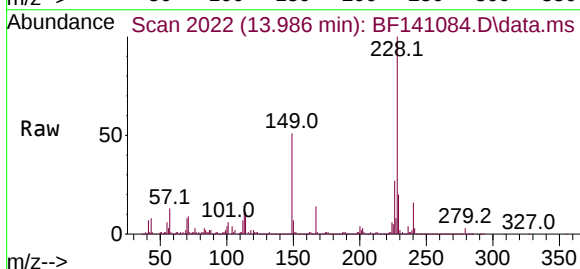
Tgt Ion:228 Resp: 1433111

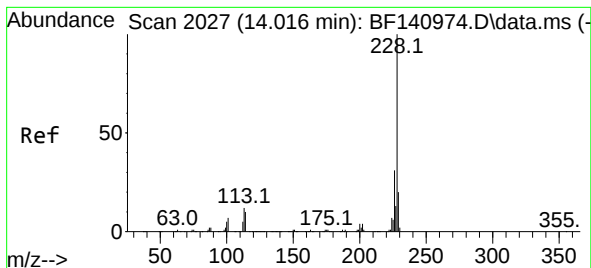
Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.9 16.2 24.2





#83

Chrysene

Concen: 55.746 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

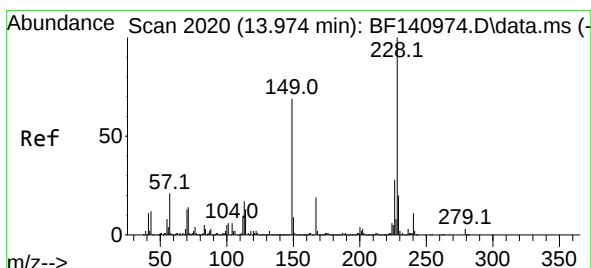
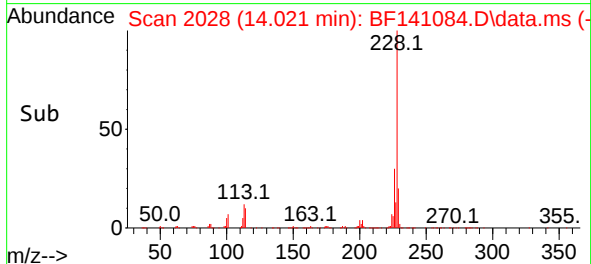
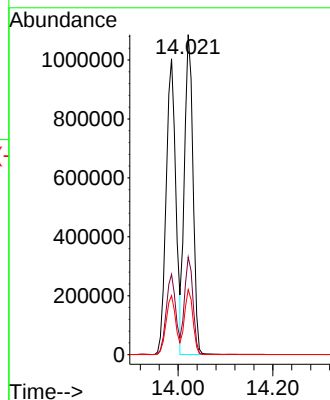
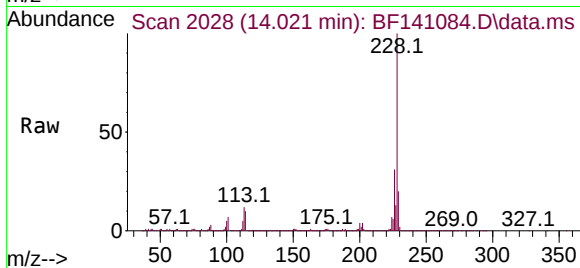
Tgt Ion:228 Resp: 1357829

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.155 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

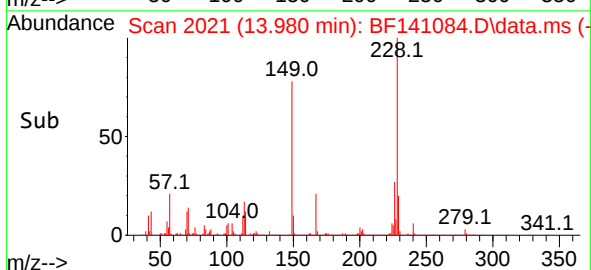
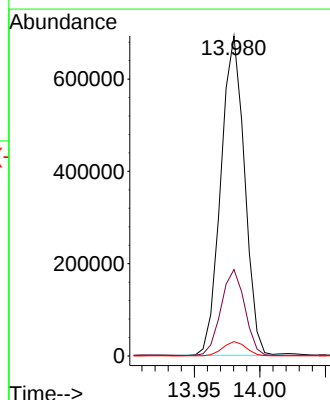
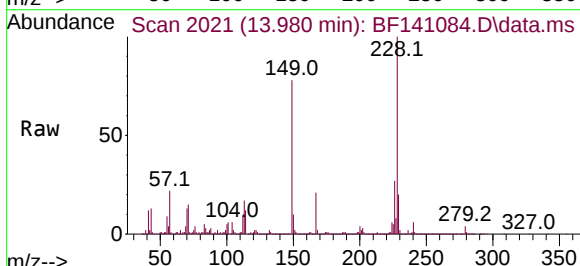
Tgt Ion:149 Resp: 869721

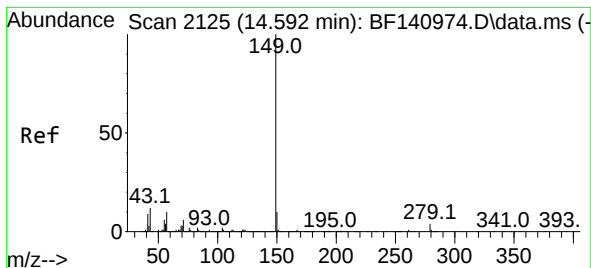
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 67.889 ng

RT: 14.615 min Scan# 2125

Delta R.T. 0.023 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

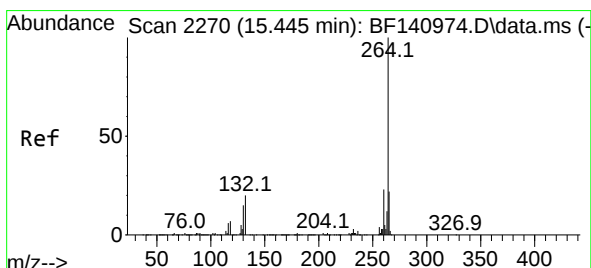
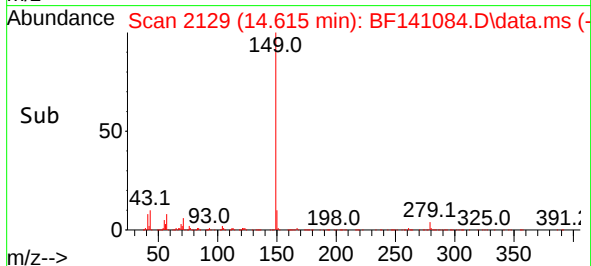
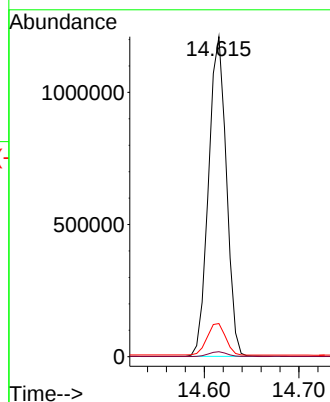
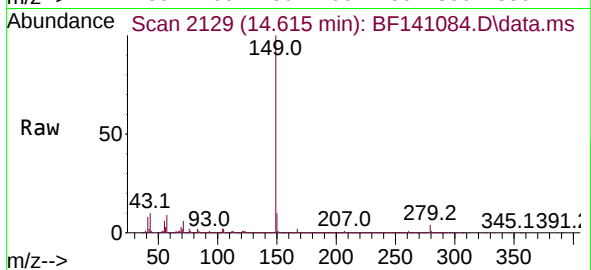
Tgt Ion:149 Resp: 1578017

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.029 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

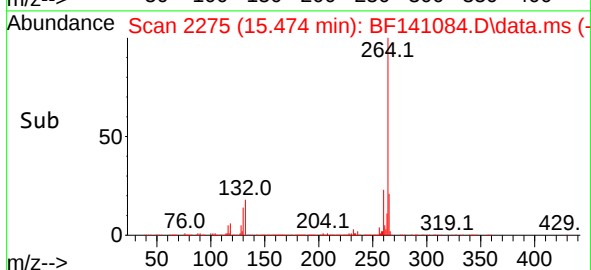
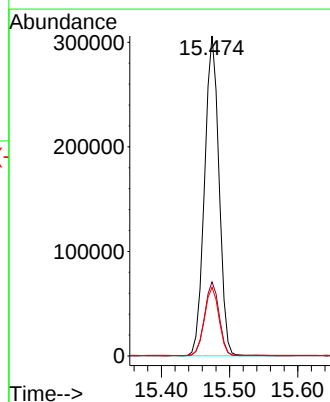
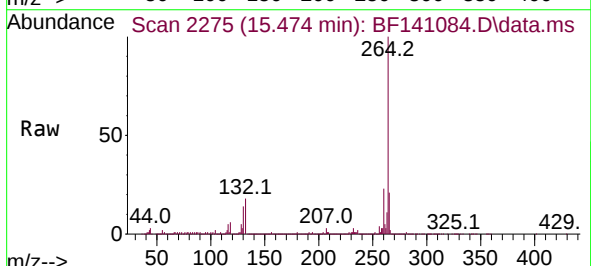
Tgt Ion:264 Resp: 449873

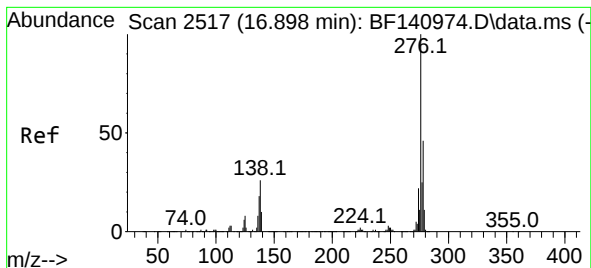
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.052 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

Instrument :

BNA_F

ClientSampleId :

HT2651MS

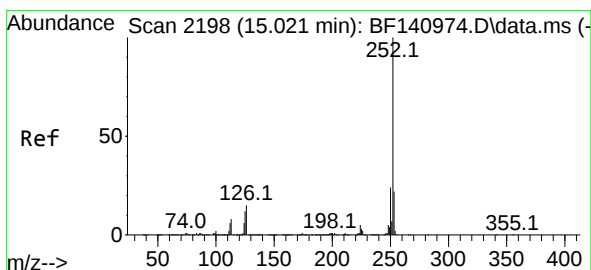
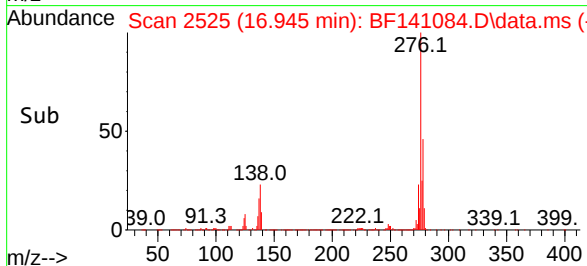
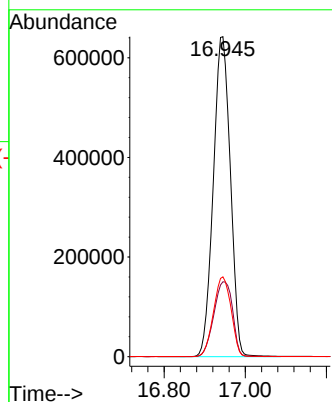
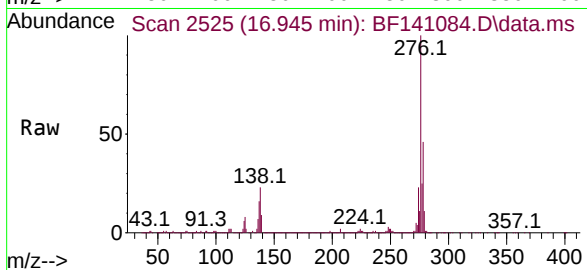
Tgt Ion:276 Resp: 1872116

Ion Ratio Lower Upper

276 100

138 25.7 23.1 34.7

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.669 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.029 min

Lab File: BF141084.D

Acq: 08 Jan 2025 15:26

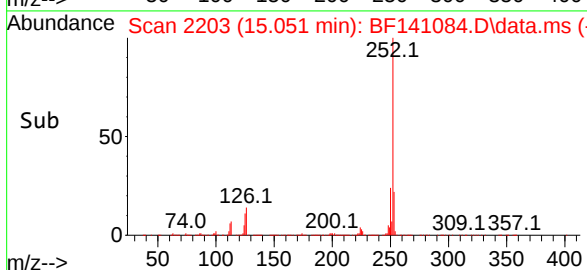
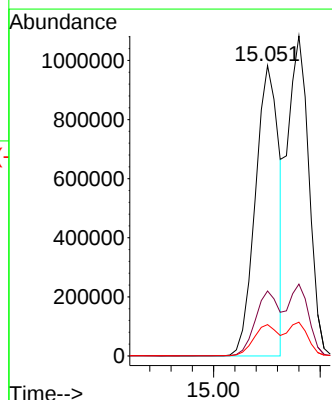
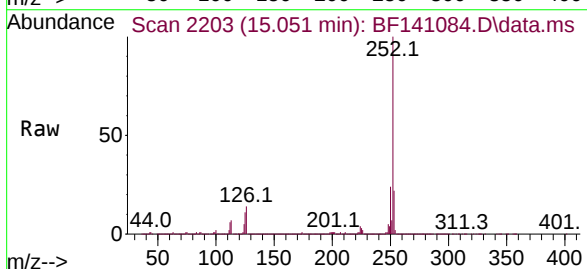
Tgt Ion:252 Resp: 1495665

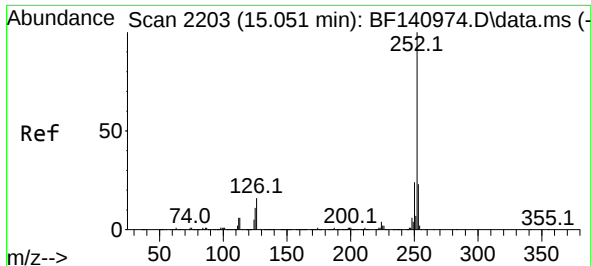
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.8 9.3 13.9

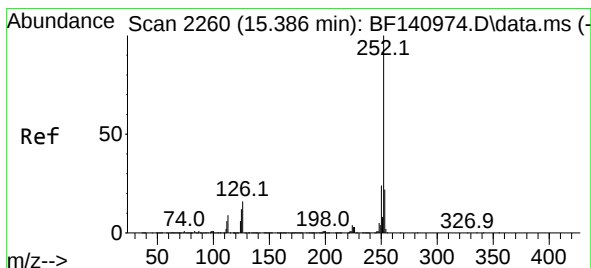
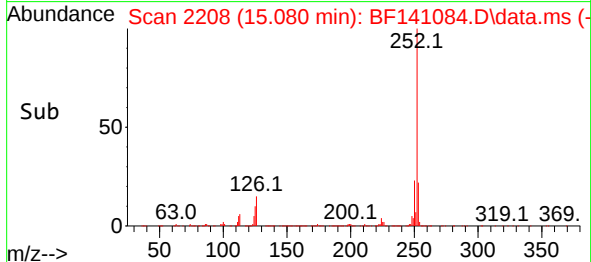
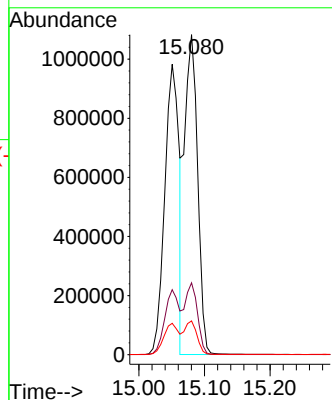
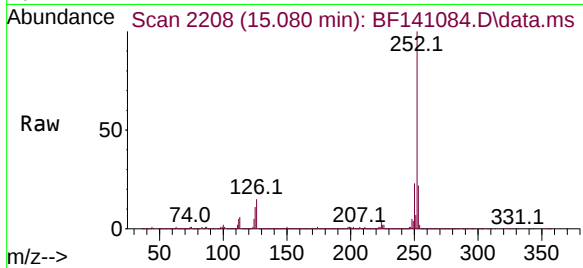




#89
Benzo(k)fluoranthene
Concen: 60.304 ng
RT: 15.080 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

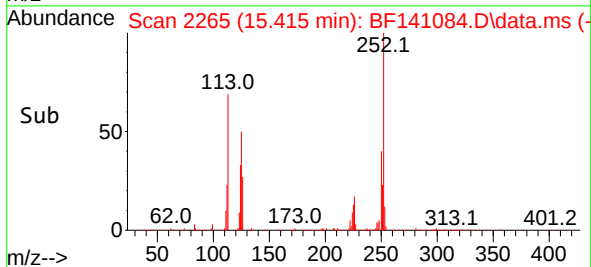
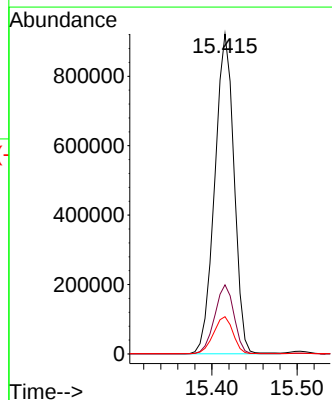
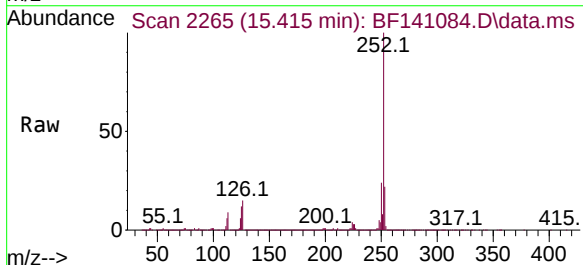
Instrument :
BNA_F
ClientSampleId :
HT2651MS

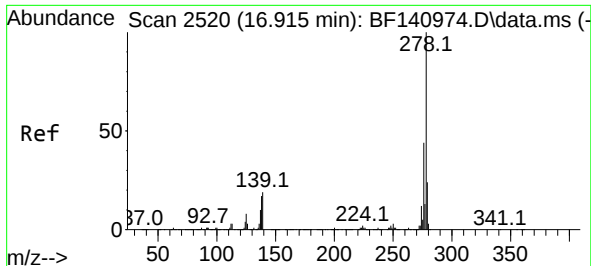
Tgt Ion:252 Resp: 1482949
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.5 9.4 14.0



#90
Benzo(a)pyrene
Concen: 59.485 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.029 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:252 Resp: 1448666
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 11.6 9.8 14.8

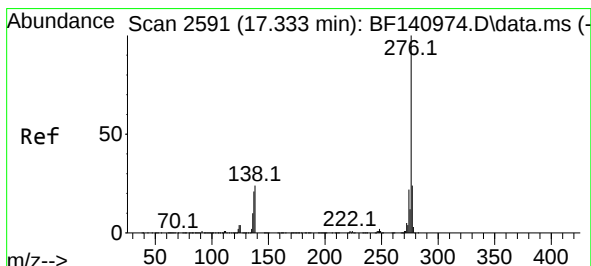
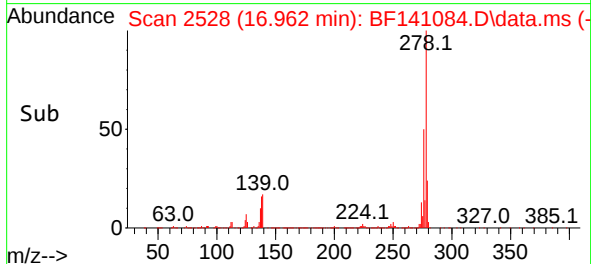
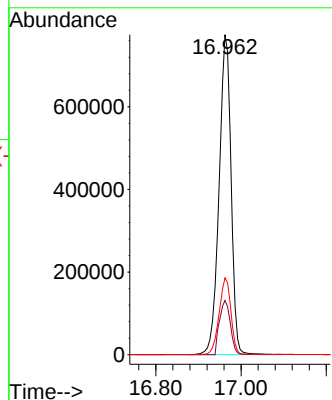
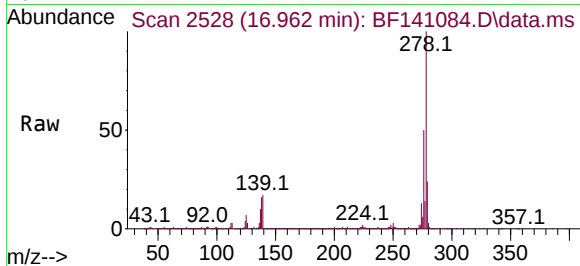




#91
Dibenzo(a,h)anthracene
Concen: 65.836 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Instrument :
BNA_F
ClientSampleId :
HT2651MS

Tgt Ion:278 Resp: 1512593
Ion Ratio Lower Upper
278 100
139 16.9 14.9 22.3
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 57.352 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.053 min
Lab File: BF141084.D
Acq: 08 Jan 2025 15:26

Tgt Ion:276 Resp: 1366659
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 22.4 19.4 29.2

