

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140670.D
 Acq On : 27 Nov 2024 15:22
 Operator : RC/JU
 Sample : P4985-04RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WC

Quant Time: Nov 27 15:48:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

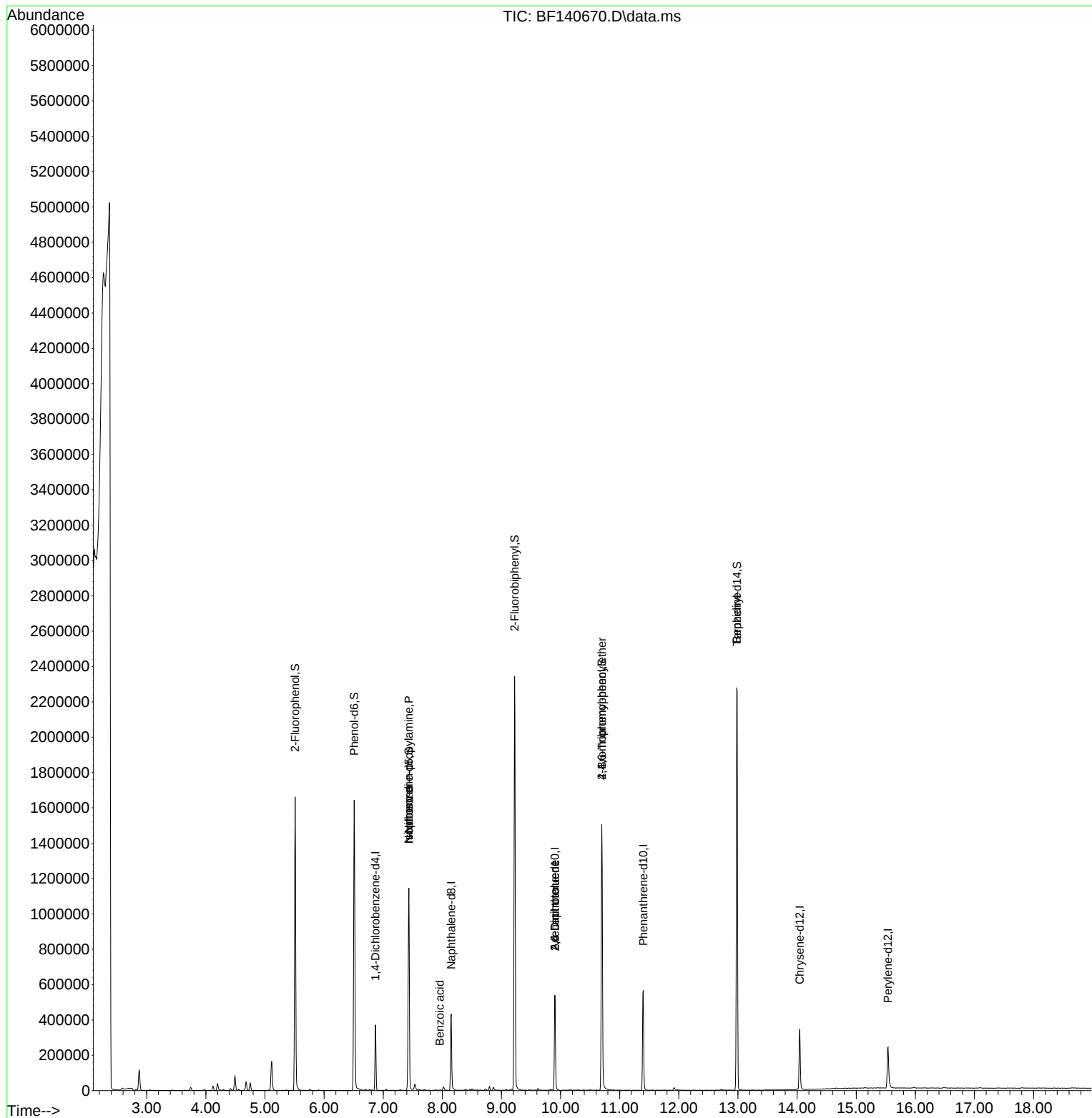
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76201	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	293093	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	165272	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	322975	20.000	ng	0.00
76) Chrysene-d12	14.045	240	181566	20.000	ng	0.00
86) Perylene-d12	15.539	264	165196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	626121	140.194	ng	0.01
7) Phenol-d6	6.510	99	802386	135.899	ng	0.00
23) Nitrobenzene-d5	7.434	82	537507	93.805	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	272416	154.117	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1074696	96.885	ng	-0.01
79) Terphenyl-d14	12.986	244	1195139	102.496	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	72681	20.829	ng	# 75
25) Isophorone	7.434	82	528818	55.332	ng	# 66
32) Benzoic acid	7.957	122	1813	7.756	ng	# 42
51) 2,6-Dinitrotoluene	9.904	165	21669	8.778	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21670	6.605	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	17736	5.332	ng	# 1
77) Benzidine	12.980	184	16405	3.108	ng	# 93

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

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QLast Update : Thu Nov 21 15:23:48 2024
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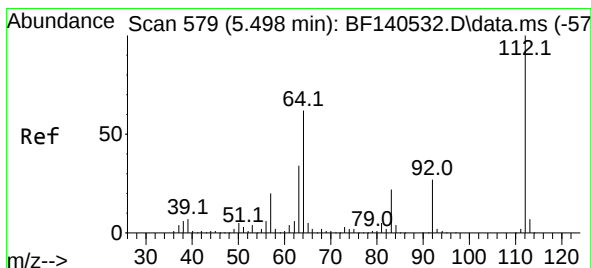
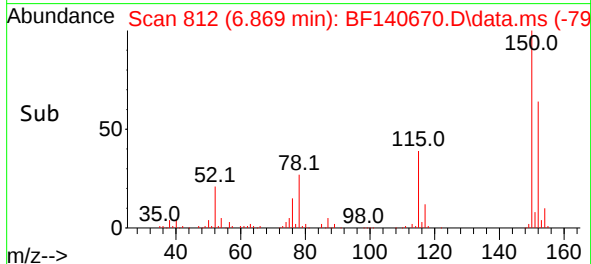
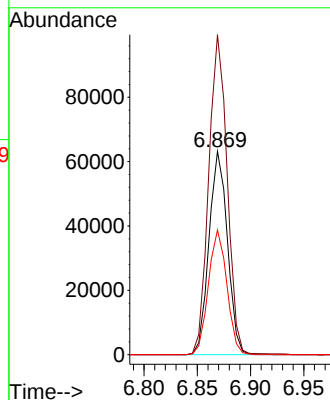
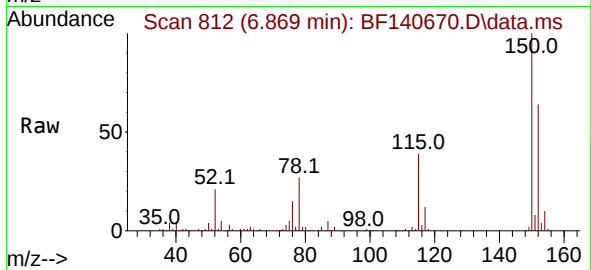




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

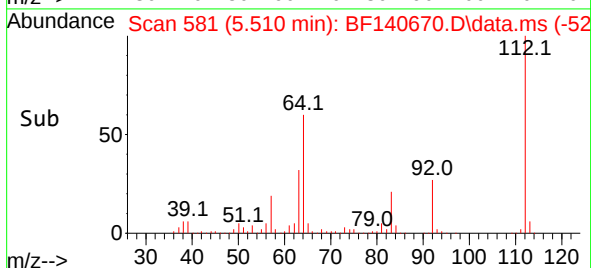
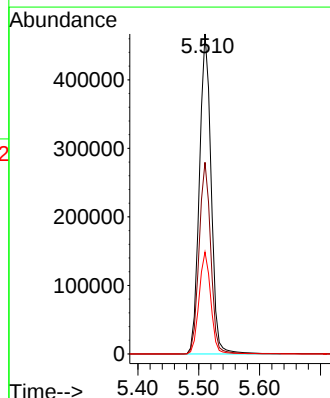
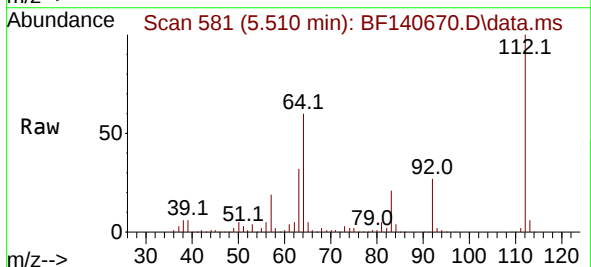
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

Tgt Ion:152 Resp: 76201
Ion Ratio Lower Upper
152 100
150 157.4 128.5 192.7
115 61.3 50.2 75.4



#5
2-Fluorophenol
Concen: 140.194 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion:112 Resp: 626121
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.8 27.0 40.4

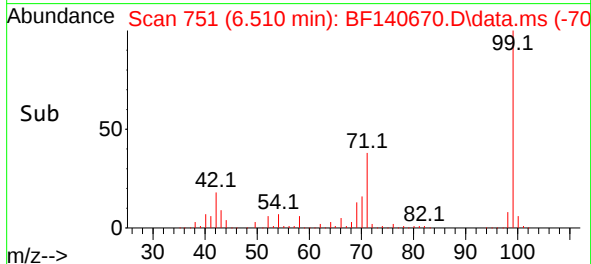
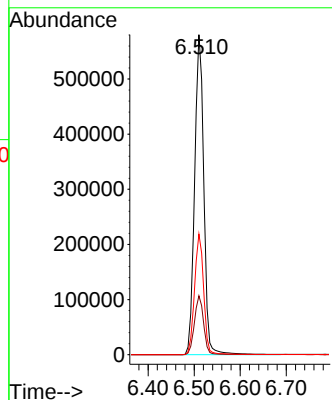
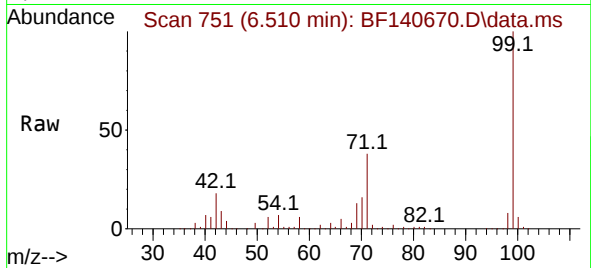




#7
Phenol-d6
Concen: 135.899 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

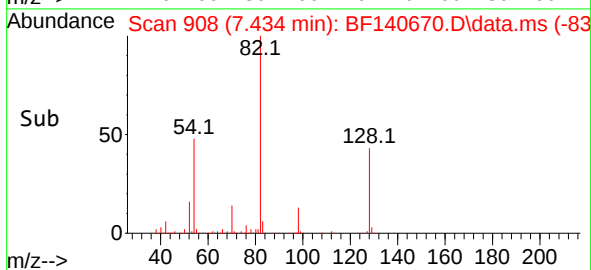
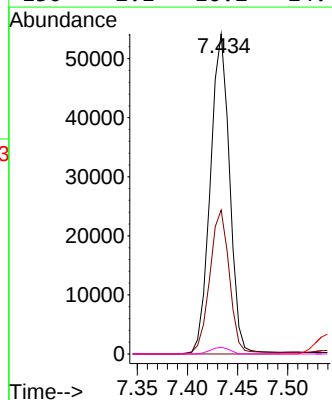
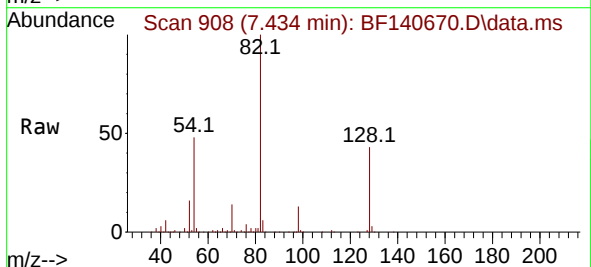
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

Tgt Ion: 99 Resp: 802386
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.829 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion: 70 Resp: 72681
Ion Ratio Lower Upper
70 100
42 44.9 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#

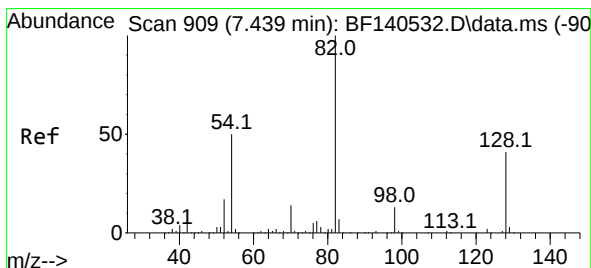
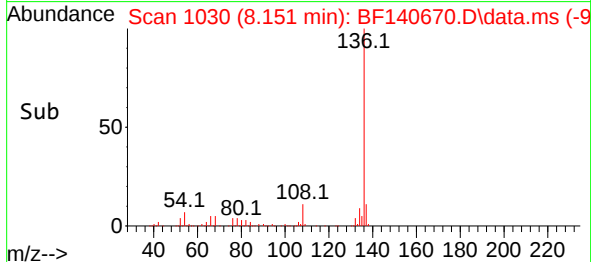
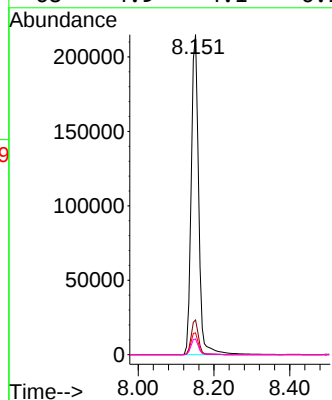
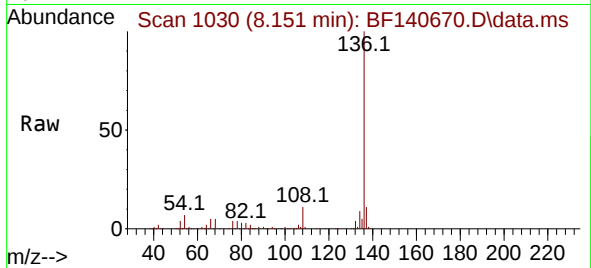




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

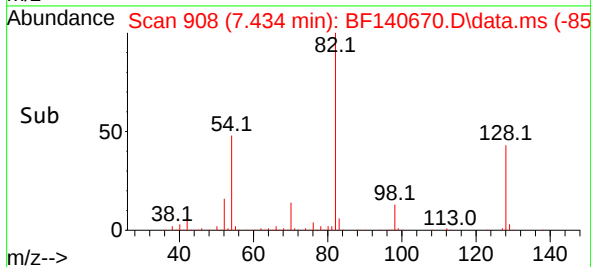
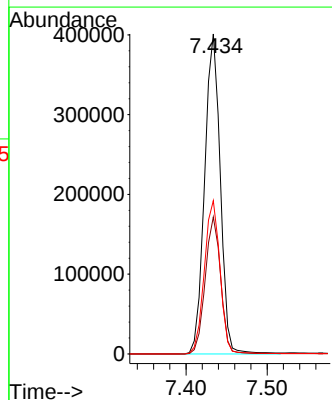
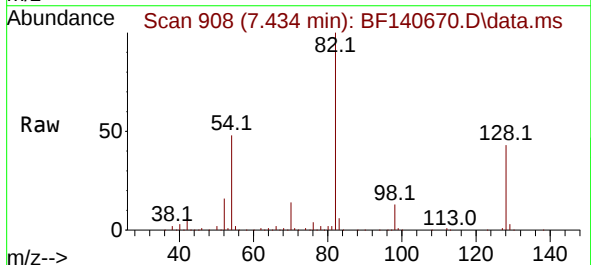
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

Tgt Ion:136	Resp: 293093
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 6.8	5.8 8.8
68 4.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 93.805 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion: 82	Resp: 537507
Ion Ratio	Lower Upper
82 100	
128 42.8	33.0 49.4
54 47.9	39.5 59.3

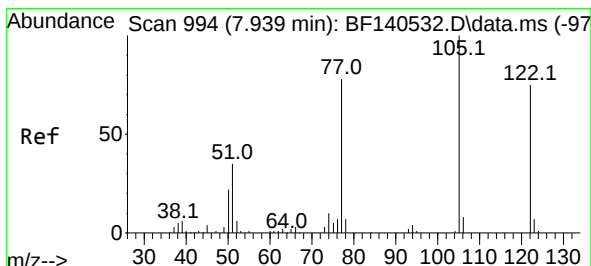
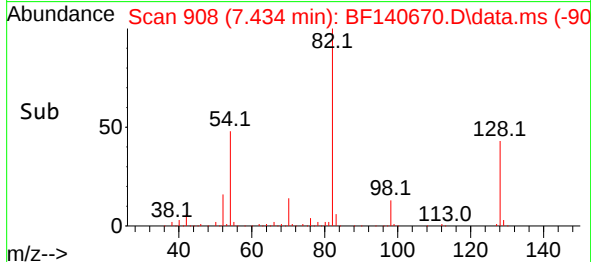
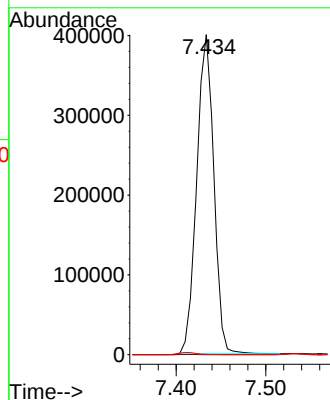
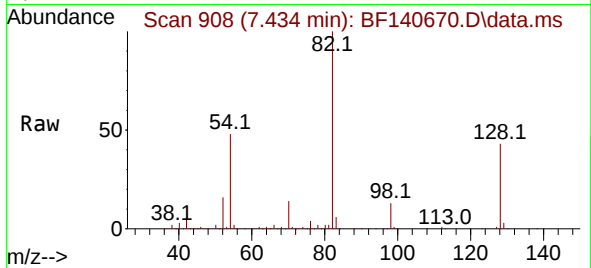




#25
Isophorone
Concen: 55.332 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

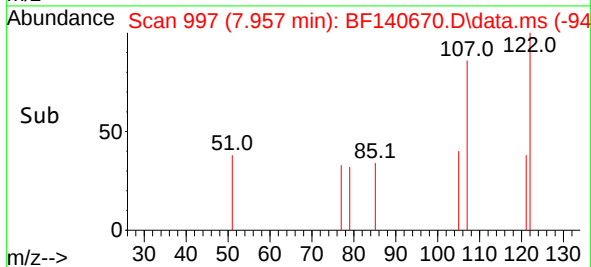
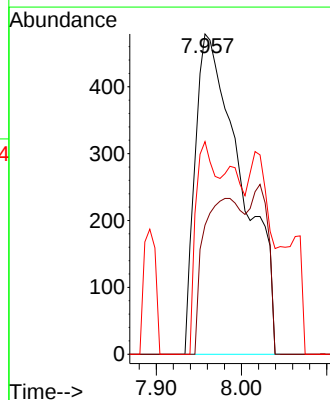
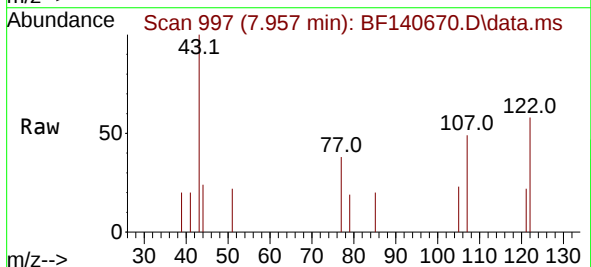
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

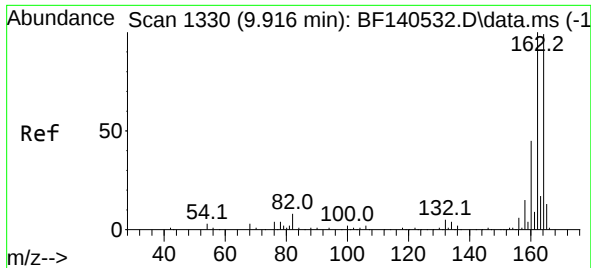
Tgt Ion: 82 Resp: 528818
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.8 20.6#



#32
Benzoic acid
Concen: 7.756 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion: 122 Resp: 1813
Ion Ratio Lower Upper
122 100
105 40.3 109.3 149.3#
77 66.4 82.3 122.3#

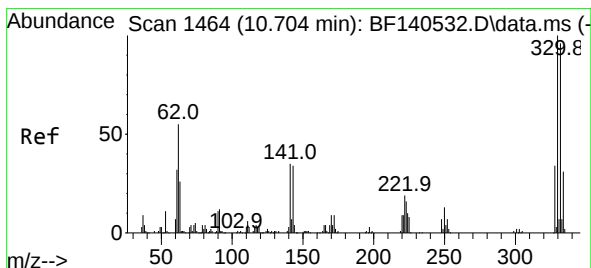
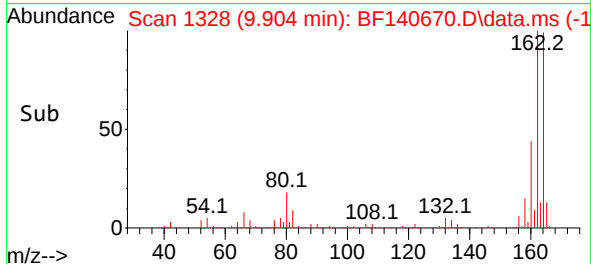
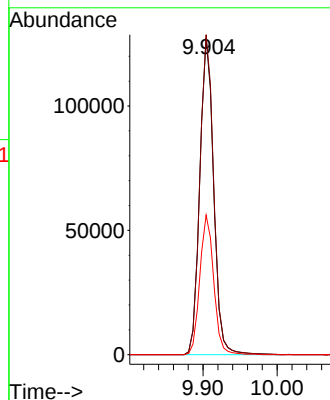
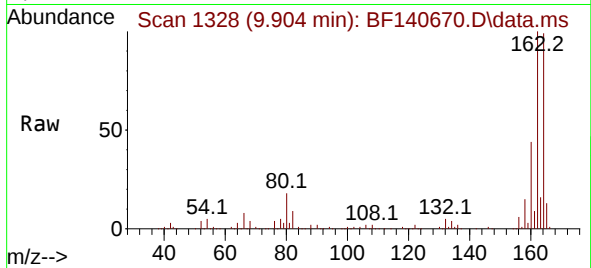




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

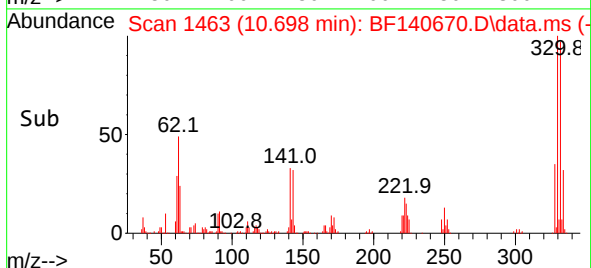
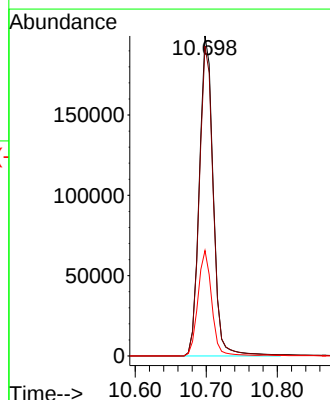
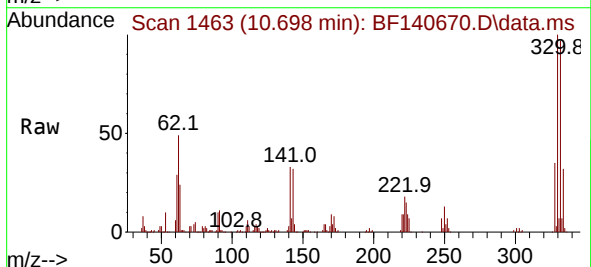
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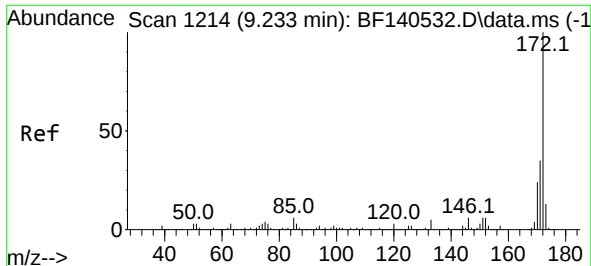
Tgt Ion:164 Resp: 165272
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 154.117 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion:330 Resp: 272416
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 32.6 26.7 40.1

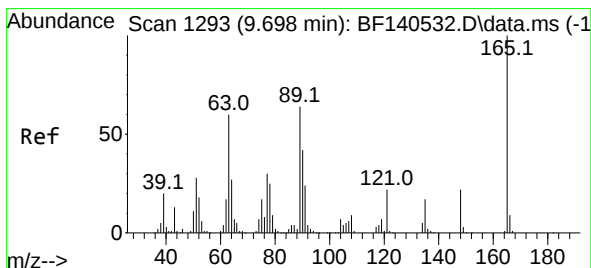
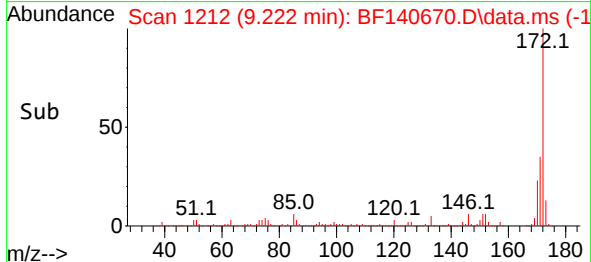
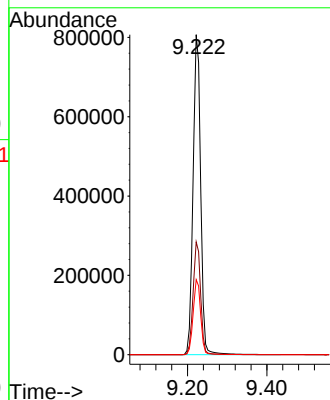
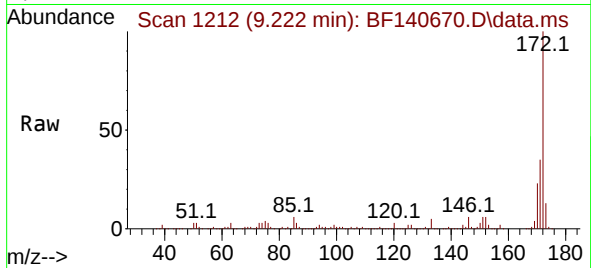




#45
2-Fluorobiphenyl
Concen: 96.885 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

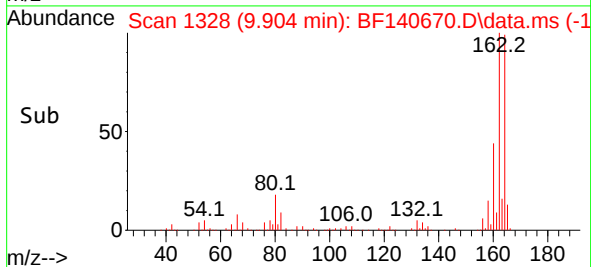
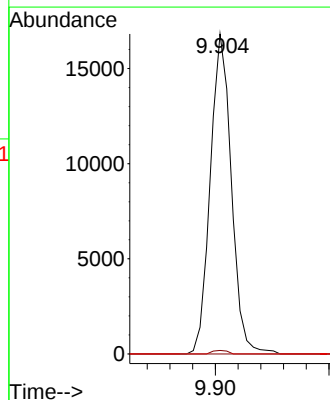
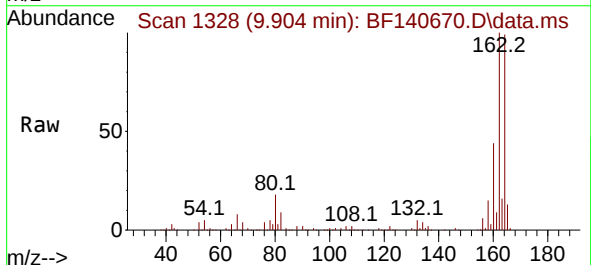
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

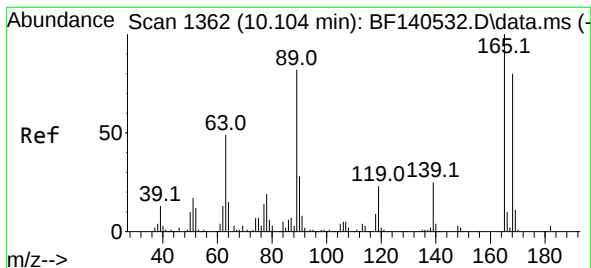
Tgt Ion:172 Resp: 1074696
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.778 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion:165 Resp: 21669
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 0.0 50.9 76.3#





#57

2,4-Dinitrotoluene

Concen: 6.605 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF140670.D

Acq: 27 Nov 2024 15:22

Instrument :

BNA_F

ClientSampleId :

MH-756-WC

Tgt Ion:165 Resp: 21670

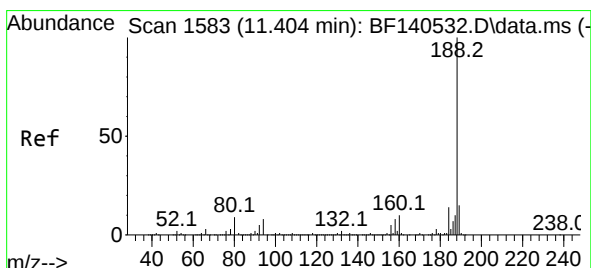
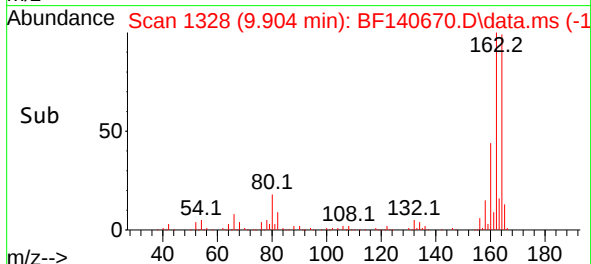
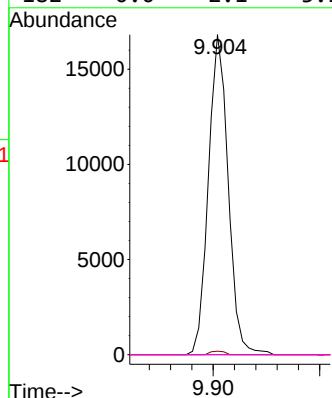
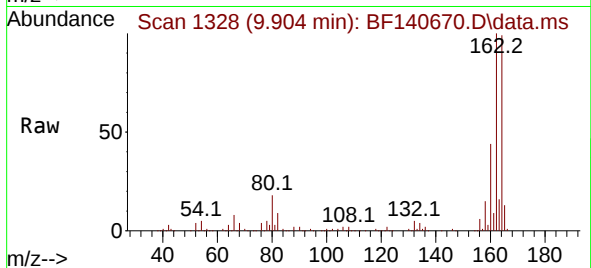
Ion Ratio Lower Upper

165 100

63 1.1 41.7 62.5#

89 0.0 65.8 98.8#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140670.D

Acq: 27 Nov 2024 15:22

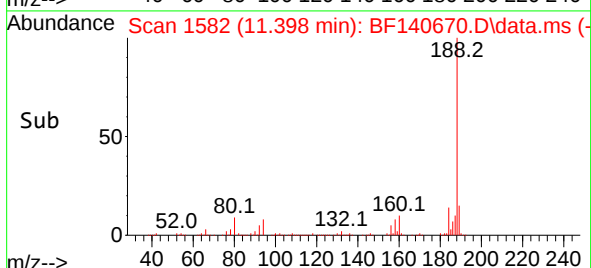
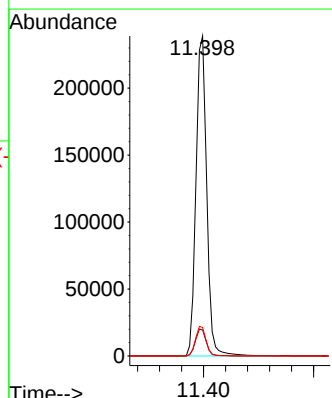
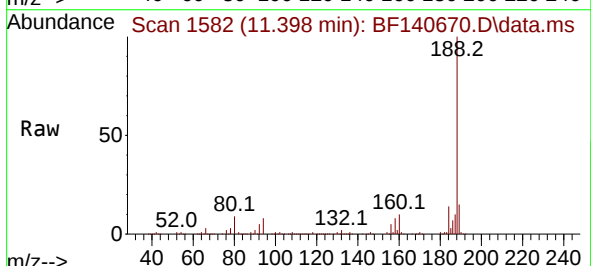
Tgt Ion:188 Resp: 322975

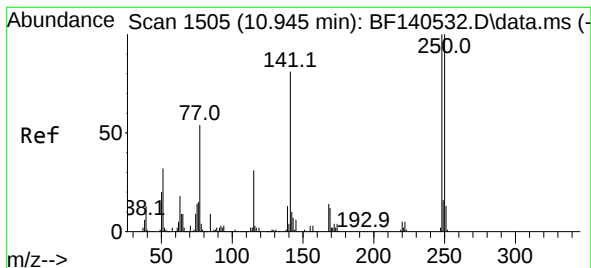
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 6.9 10.3

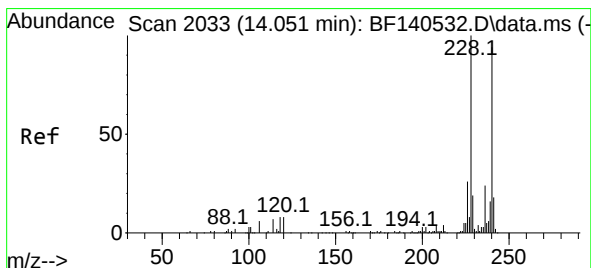
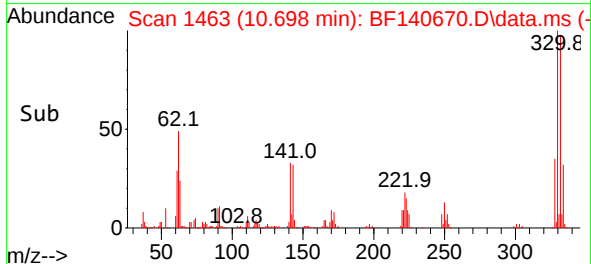
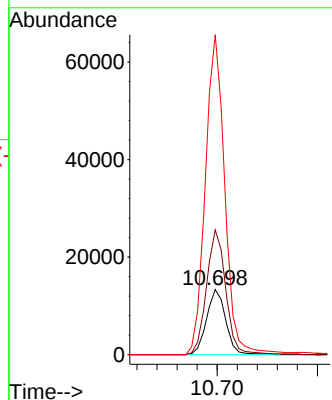
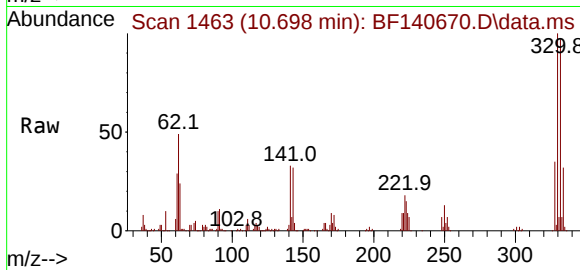




#67
4-Bromophenyl-phenylether
Concen: 5.332 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

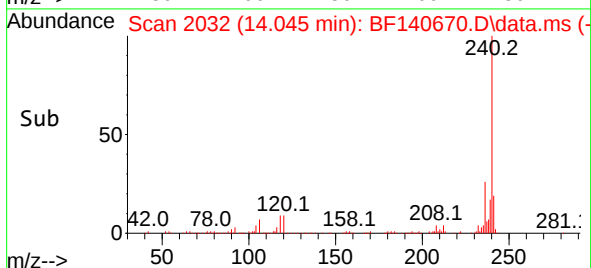
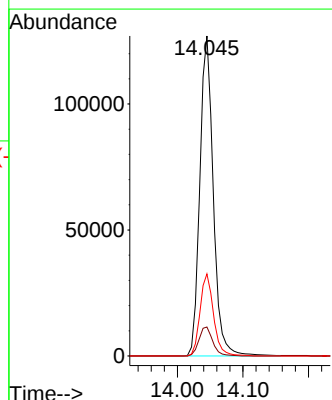
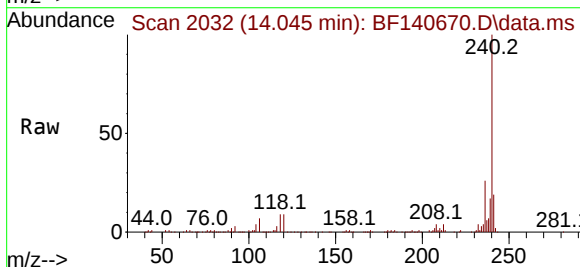
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

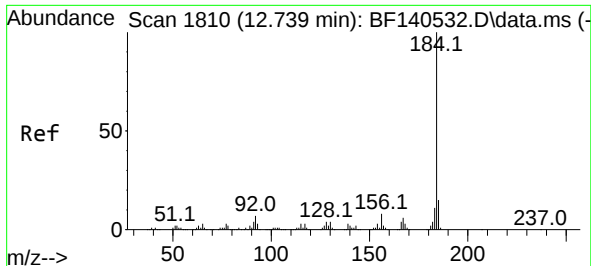
Tgt Ion:248 Resp: 17736
Ion Ratio Lower Upper
248 100
250 191.7 79.8 119.8#
141 491.6 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion:240 Resp: 181566
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.7 20.6 31.0

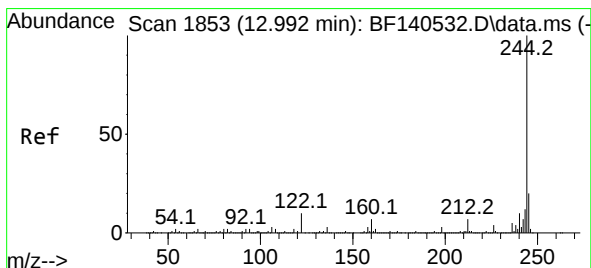
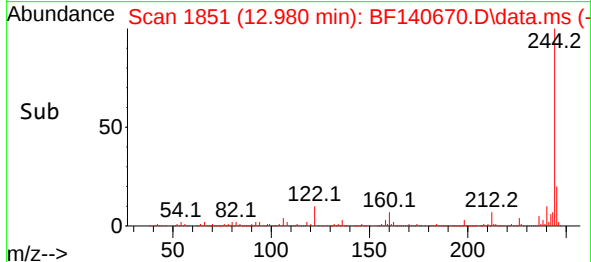
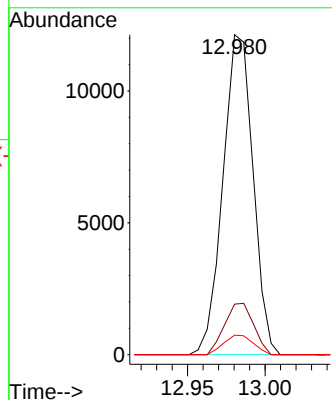
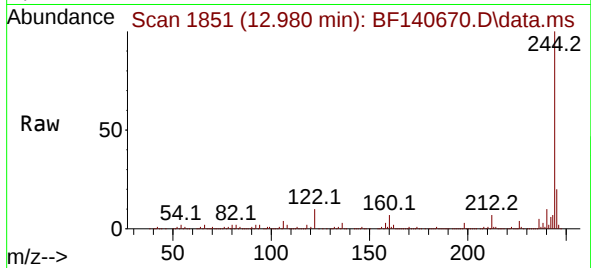




#77
Benzidine
Concen: 3.108 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

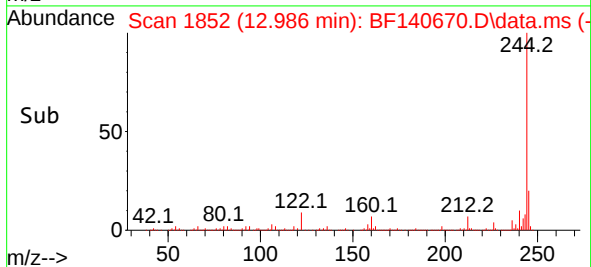
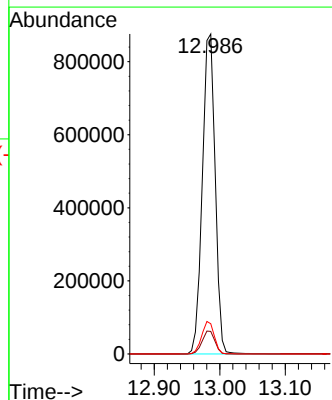
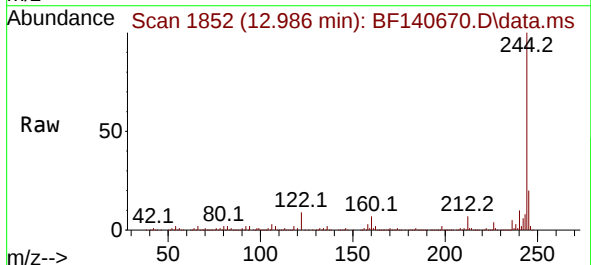
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

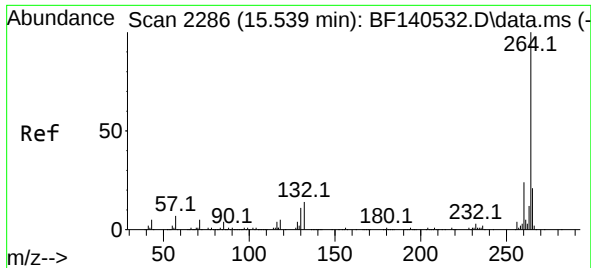
Tgt Ion:184 Resp: 16405
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 6.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 102.496 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140670.D
Acq: 27 Nov 2024 15:22

Tgt Ion:244 Resp: 1195139
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.5 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140670.D
 Acq: 27 Nov 2024 15:22

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WC

Tgt Ion:264 Resp: 165196
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.3 16.6 25.0

