

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140330.D
 Acq On : 11 Nov 2024 21:03
 Operator : RC/JU
 Sample : P4718-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-307-SB02

Quant Time: Nov 12 00:46:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

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

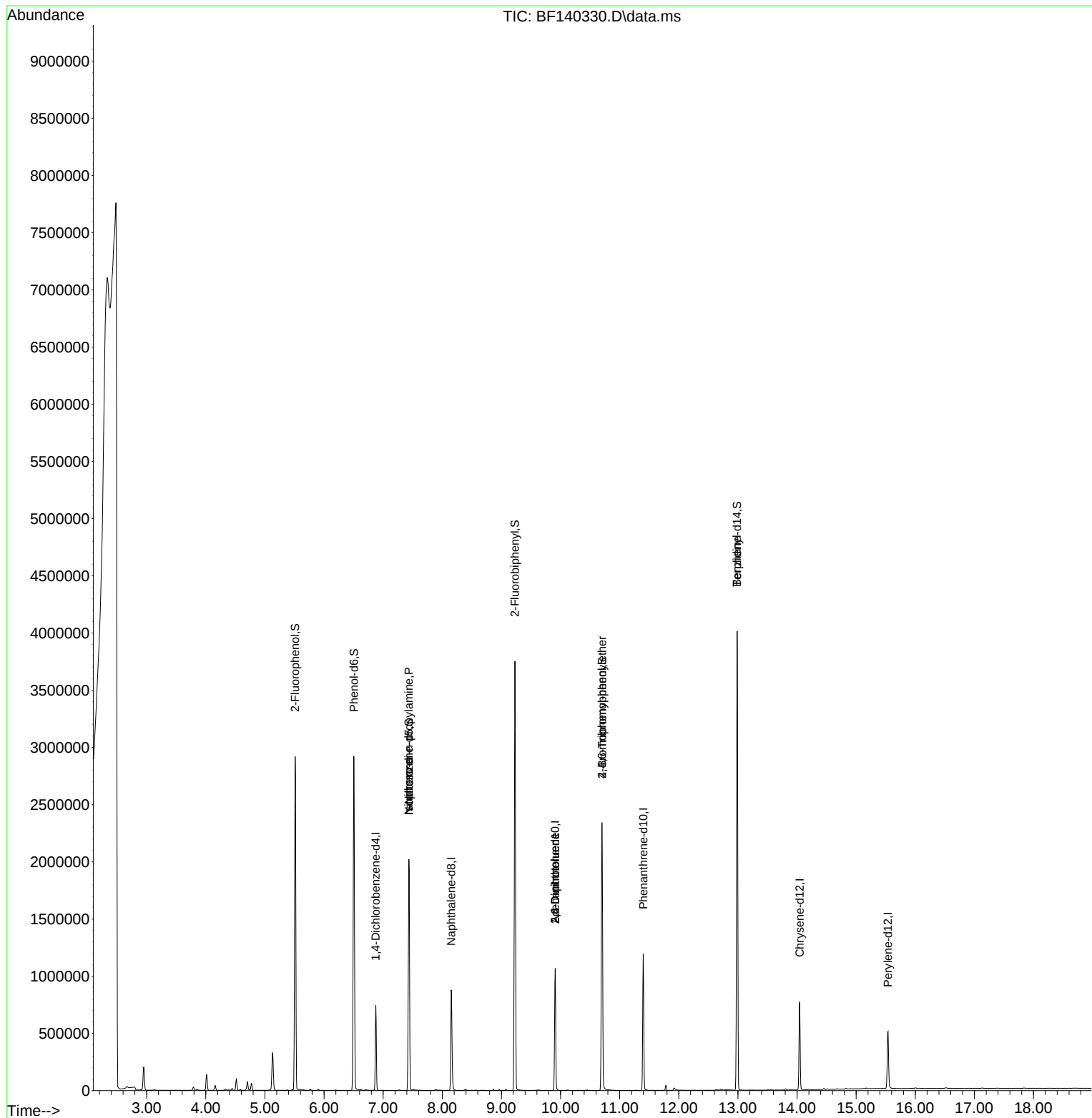
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	152118	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	583727	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	327078	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	621899	20.000	ng	0.00
76) Chrysene-d12	14.045	240	380235	20.000	ng	-0.01
86) Perylene-d12	15.539	264	303804	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1146387	130.200	ng	0.02
7) Phenol-d6	6.504	99	1476290	126.182	ng	0.00
23) Nitrobenzene-d5	7.434	82	983211	87.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	436628	137.407	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1733925	83.696	ng	0.00
79) Terphenyl-d14	12.986	244	2001946	90.281	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	134831	18.923	ng	# 77
25) Isophorone	7.434	82	983203	50.198	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	42960	8.988	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	42960	6.826	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	28161	4.519	ng	# 1
77) Benzidine	12.986	184	27894	2.094	ng	# 91

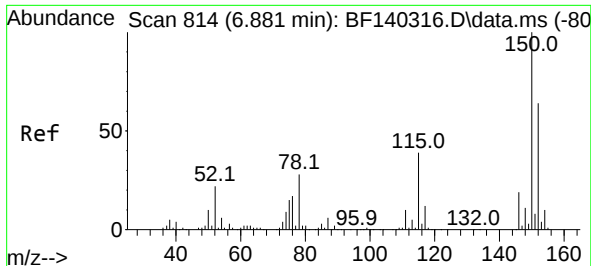
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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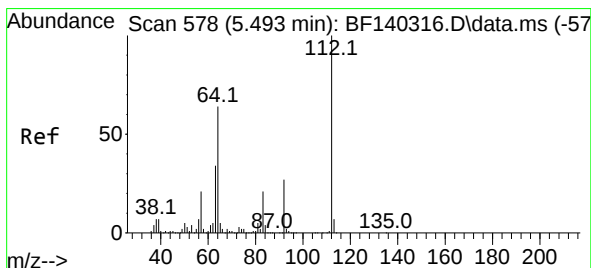
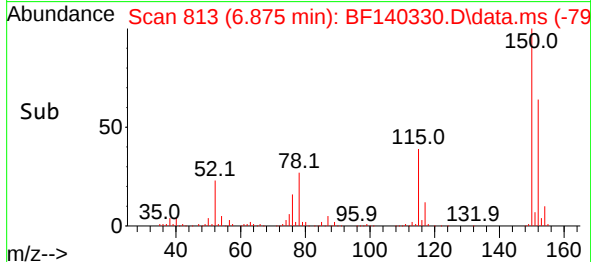
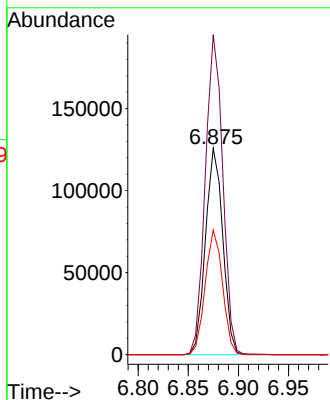
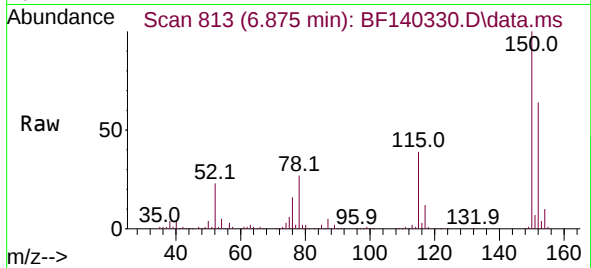




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

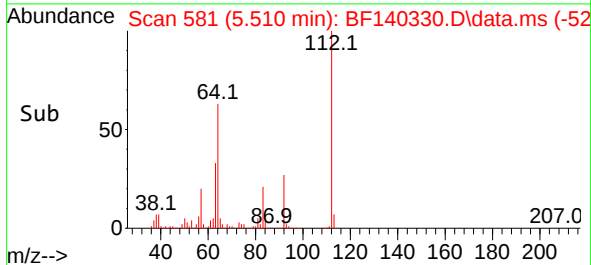
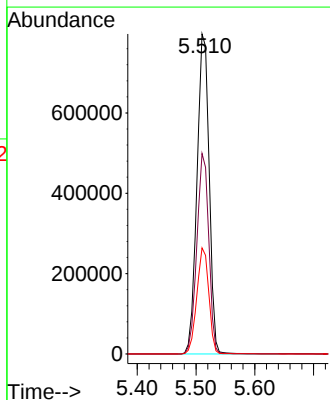
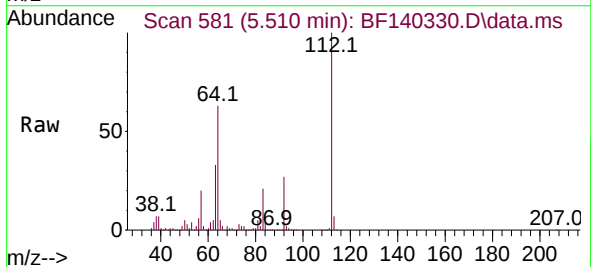
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

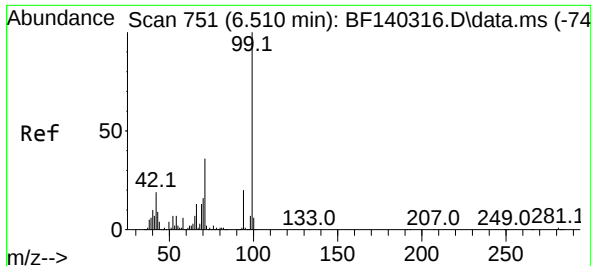
Tgt Ion:152 Resp: 152118
Ion Ratio Lower Upper
152 100
150 155.2 127.1 190.7
115 60.5 49.4 74.0



#5
2-Fluorophenol
Concen: 130.200 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

Tgt Ion:112 Resp: 1146387
Ion Ratio Lower Upper
112 100
64 62.7 51.0 76.6
63 33.1 26.9 40.3

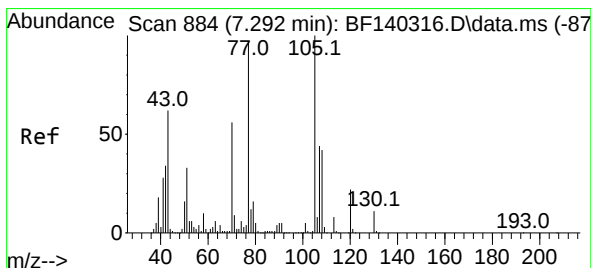
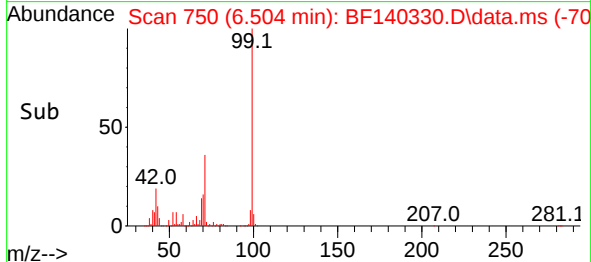
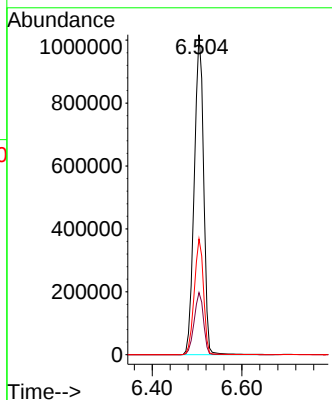
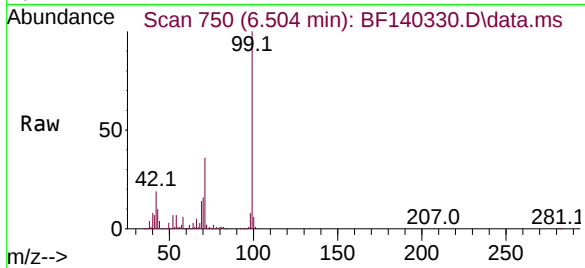




#7
Phenol-d6
Concen: 126.182 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

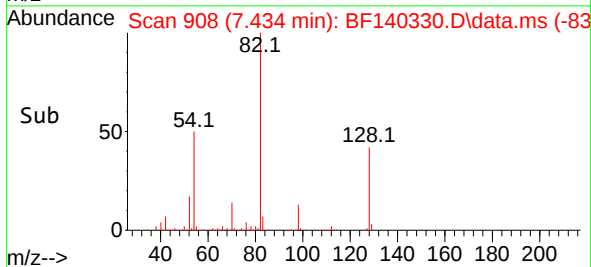
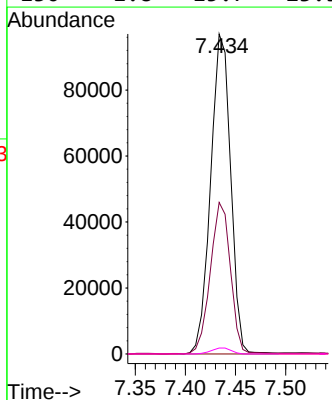
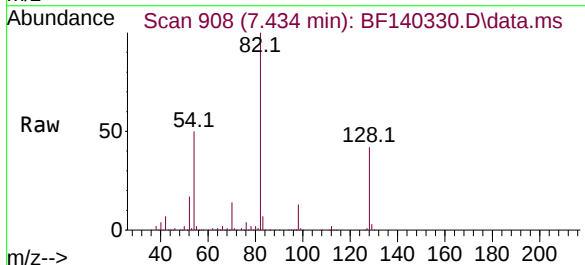
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

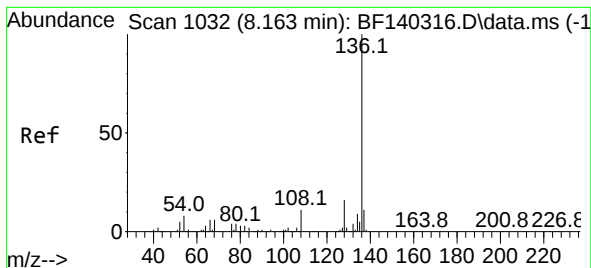
Tgt Ion: 99 Resp: 1476290
Ion Ratio Lower Upper
99 100
42 19.4 15.5 23.3
71 36.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.923 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

Tgt Ion: 70 Resp: 134831
Ion Ratio Lower Upper
70 100
42 47.4 48.0 72.0#
101 0.0 7.4 11.0#
130 1.8 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

Instrument :

BNA_F

ClientSampleId :

WB-307-SB02

Tgt Ion:136 Resp: 583727

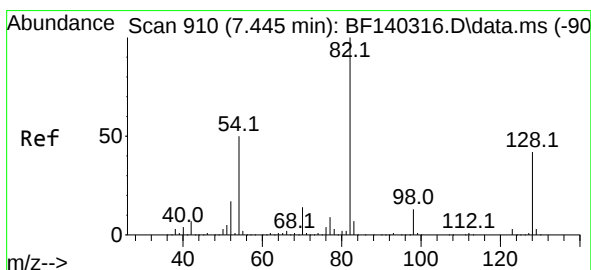
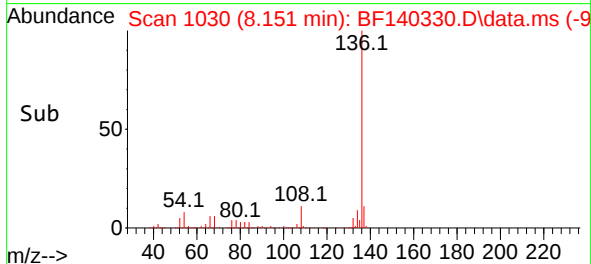
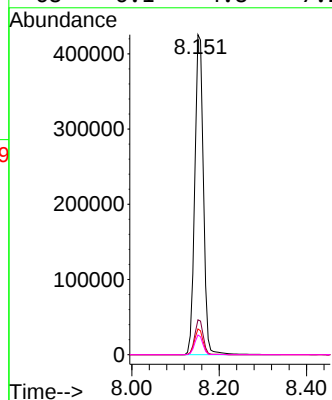
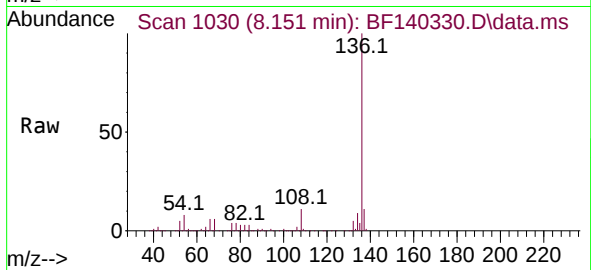
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 8.1 6.2 9.2

68 6.1 4.8 7.2



#23

Nitrobenzene-d5

Concen: 87.441 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

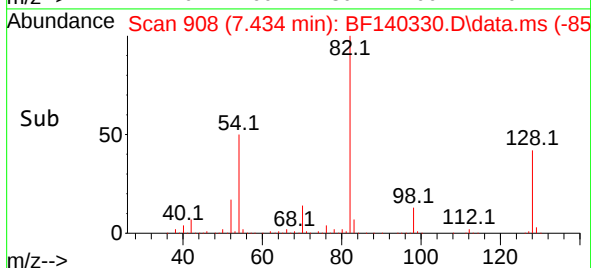
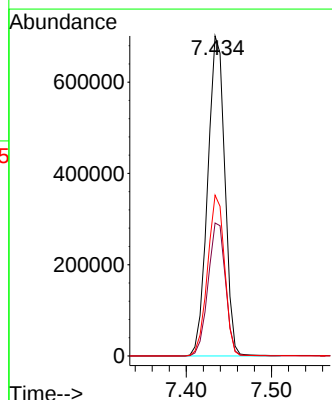
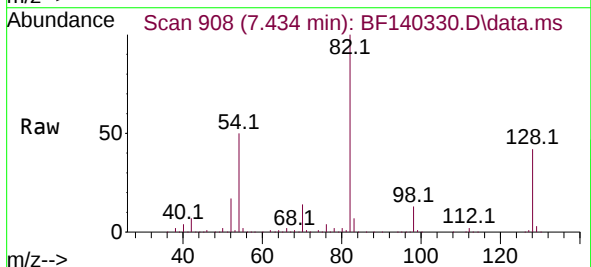
Tgt Ion: 82 Resp: 983211

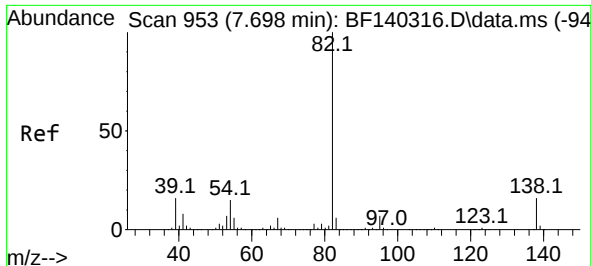
Ion Ratio Lower Upper

82 100

128 41.6 33.8 50.6

54 50.3 40.0 60.0

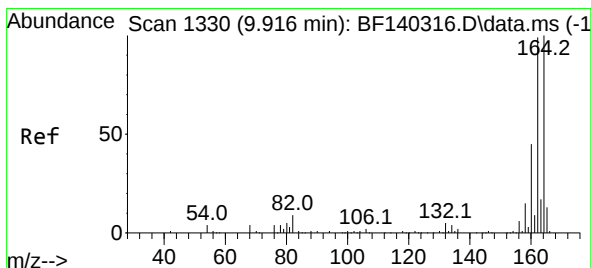
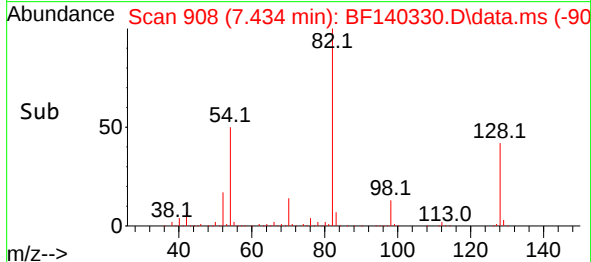
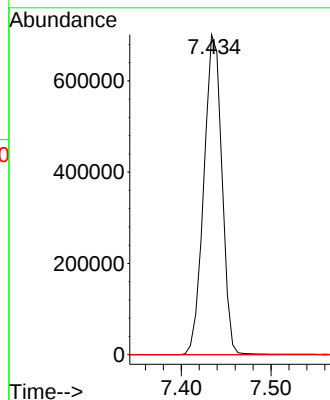
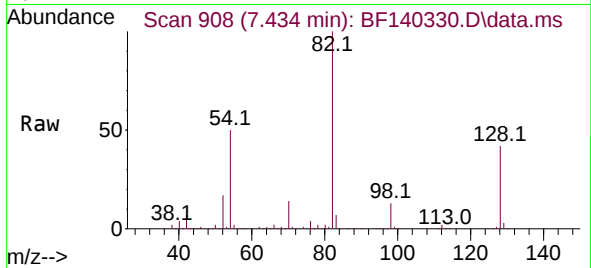




#25
Isophorone
Concen: 50.198 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

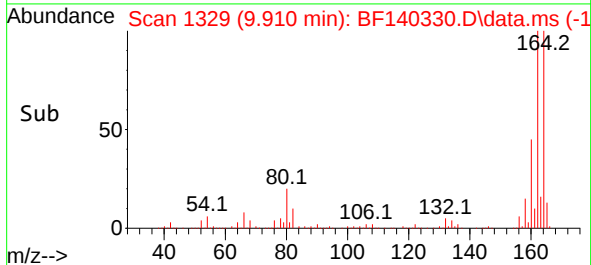
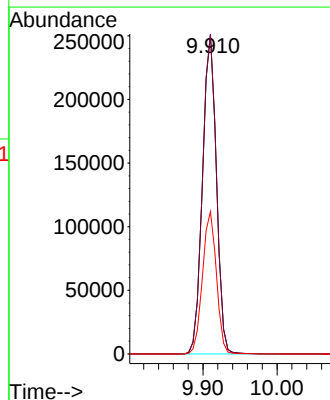
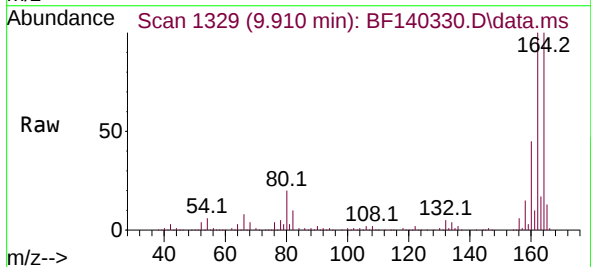
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

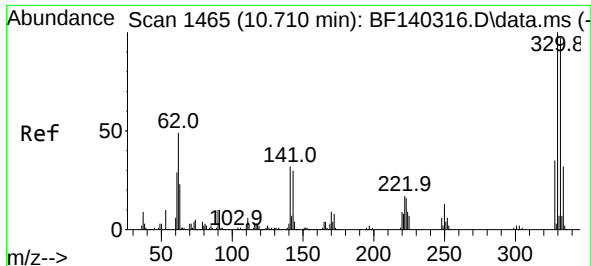
Tgt Ion: 82 Resp: 983203
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

Tgt Ion:164 Resp: 327078
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 44.6 35.6 53.4

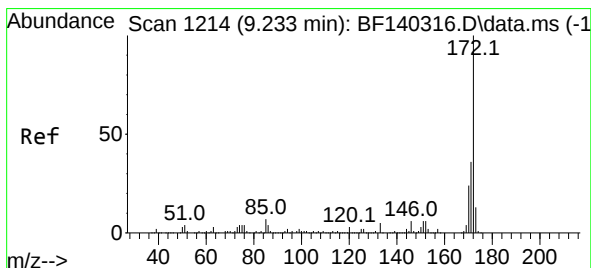
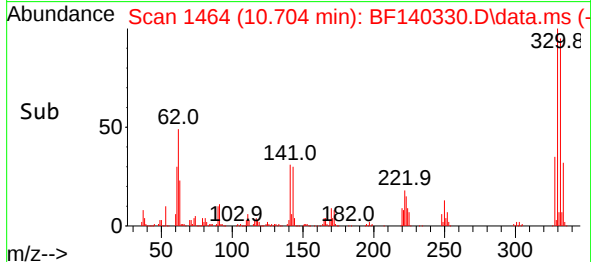
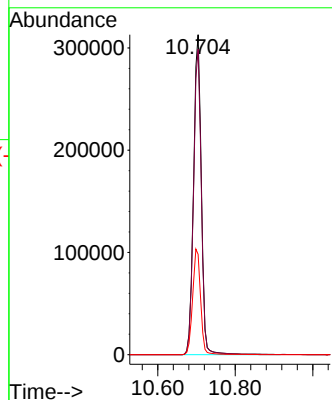
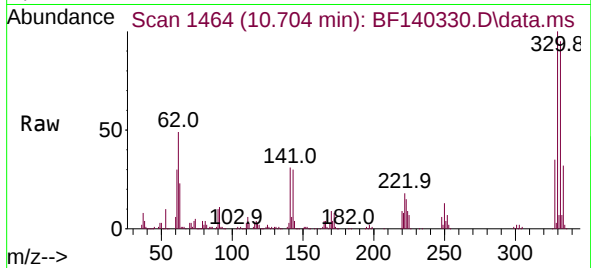




#42
2,4,6-Tribromophenol
Concen: 137.407 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

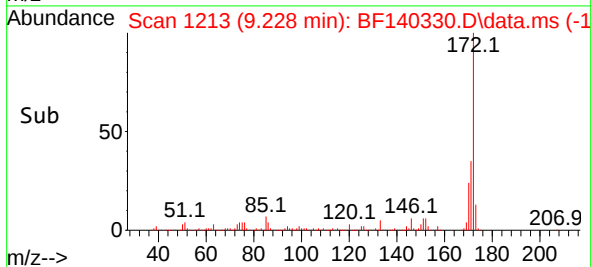
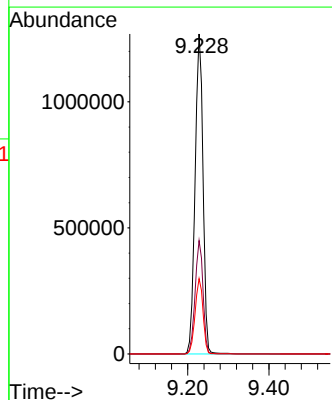
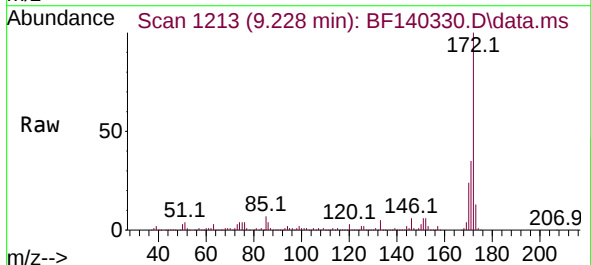
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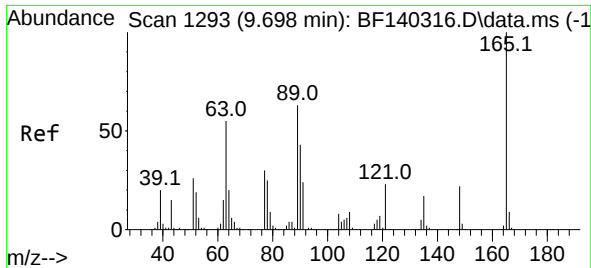
Tgt Ion:330 Resp: 436628
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 33.7 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 83.696 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

Tgt Ion:172 Resp: 1733925
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 19.3 28.9

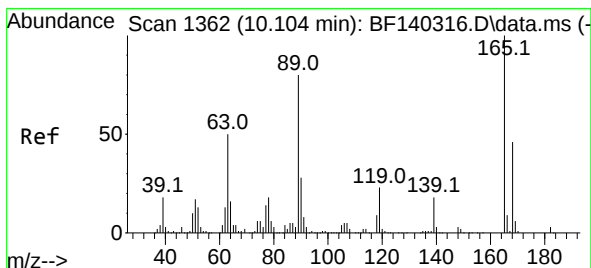
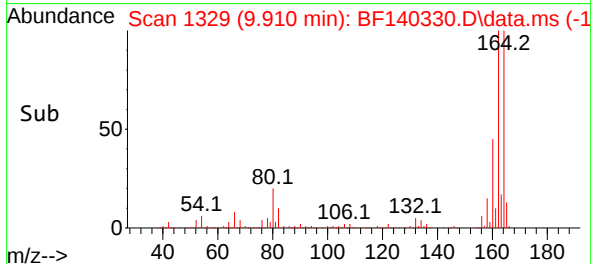
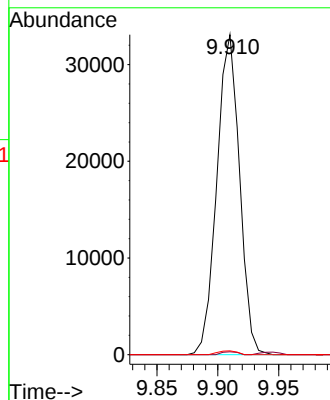
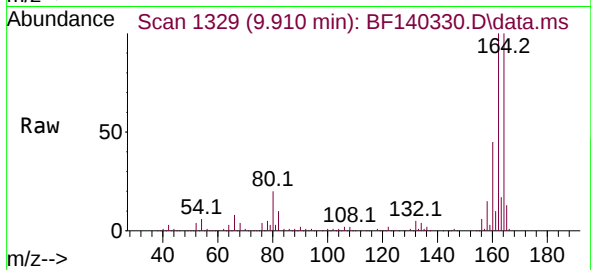




#51
2,6-Dinitrotoluene
Concen: 8.988 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

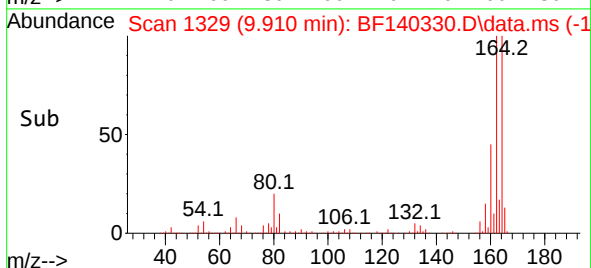
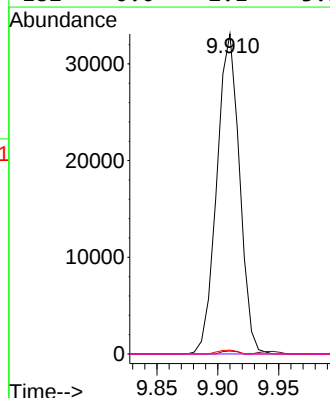
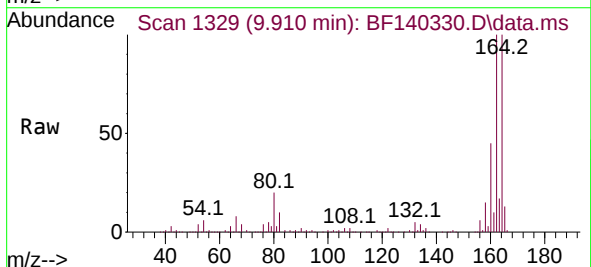
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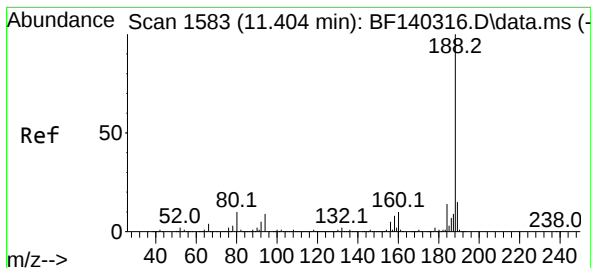
Tgt Ion:165 Resp: 42960
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 1.2 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 6.826 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

Tgt Ion:165 Resp: 42960
Ion Ratio Lower Upper
165 100
63 0.9 40.6 60.8#
89 1.2 63.8 95.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

Instrument :

BNA_F

ClientSampleId :

WB-307-SB02

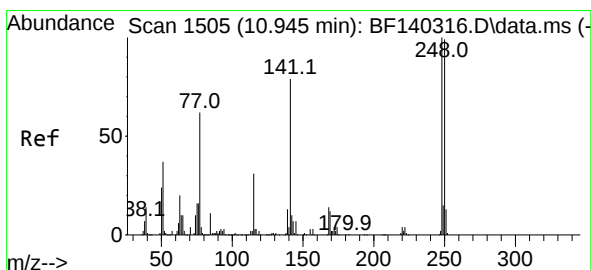
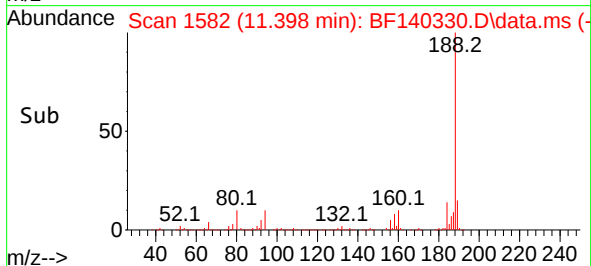
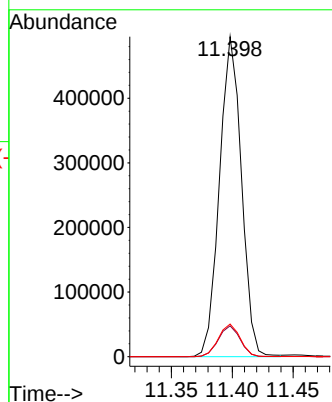
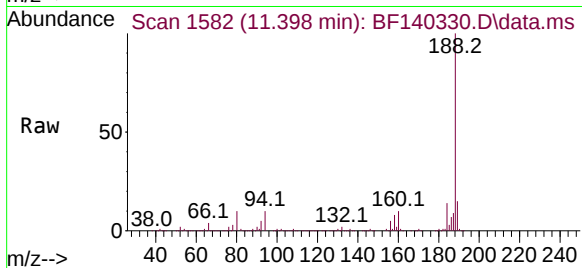
Tgt Ion:188 Resp: 621899

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.2 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.519 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

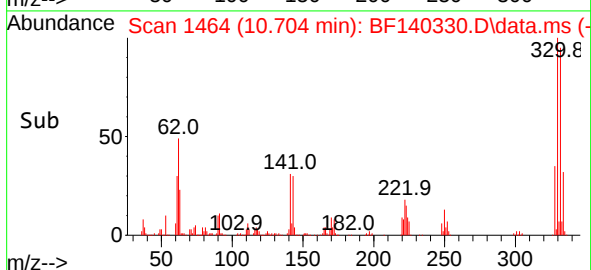
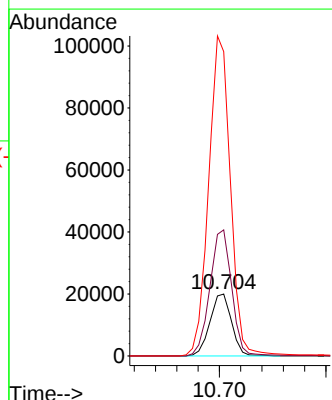
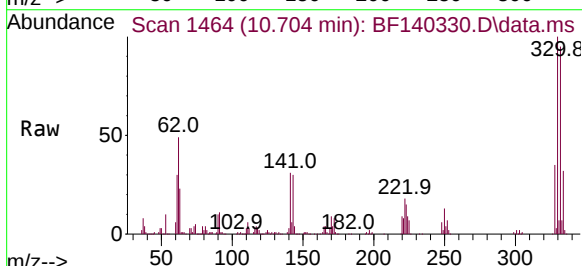
Tgt Ion:248 Resp: 28161

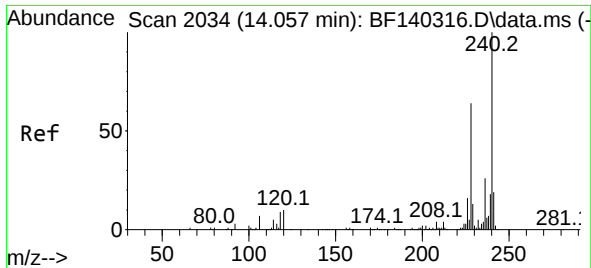
Ion Ratio Lower Upper

248 100

250 203.8 79.1 118.7#

141 492.1 63.5 95.3#

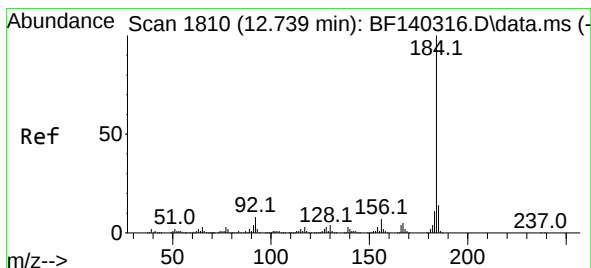
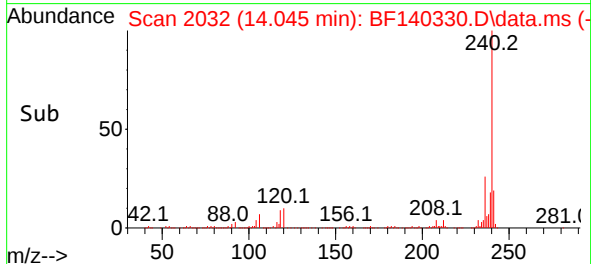
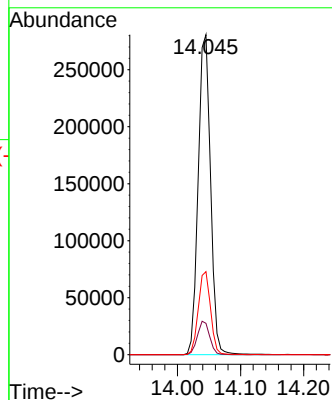
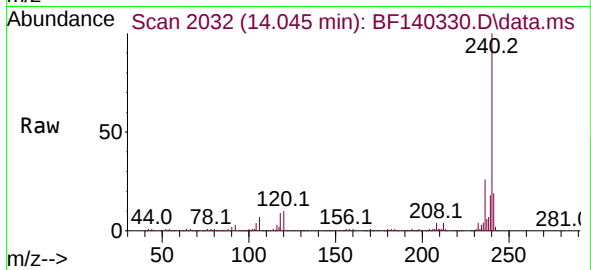




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

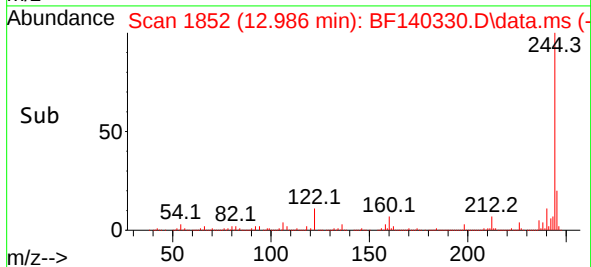
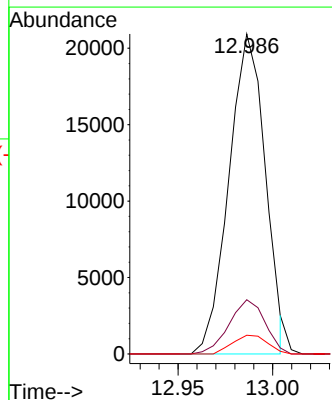
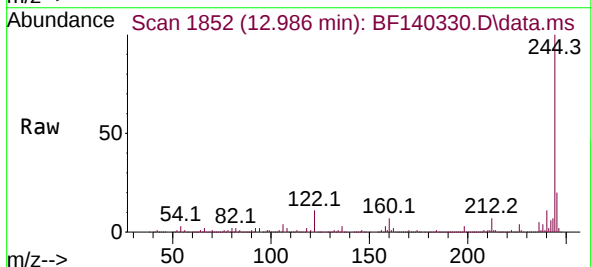
Instrument :
BNA_F
ClientSampleId :
WB-307-SB02

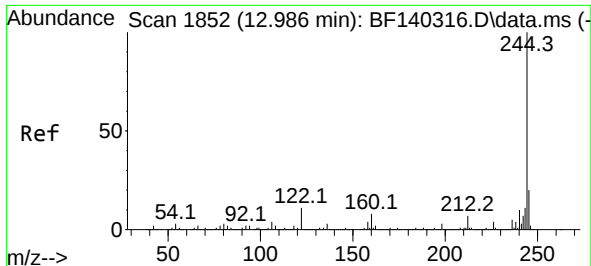
Tgt Ion:240 Resp: 380235
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.4
236 25.9 20.9 31.3



#77
Benzidine
Concen: 2.094 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140330.D
Acq: 11 Nov 2024 21:03

Tgt Ion:184 Resp: 27894
Ion Ratio Lower Upper
184 100
185 17.0 11.6 17.4
183 5.9 8.6 13.0#

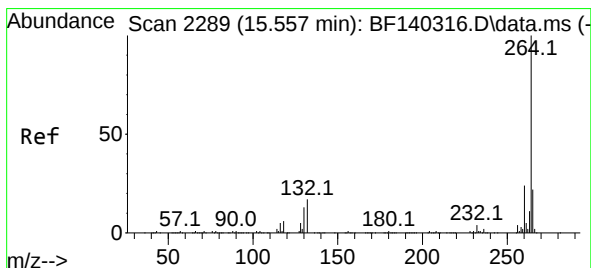
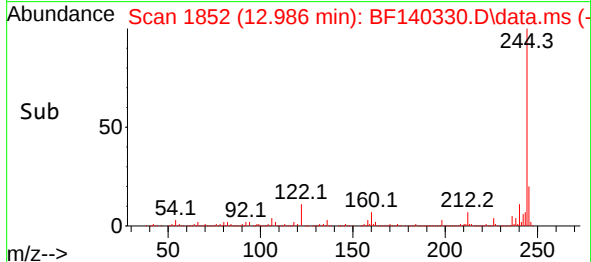
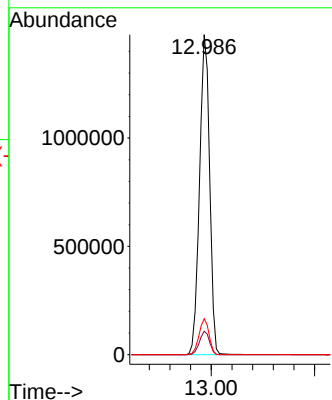
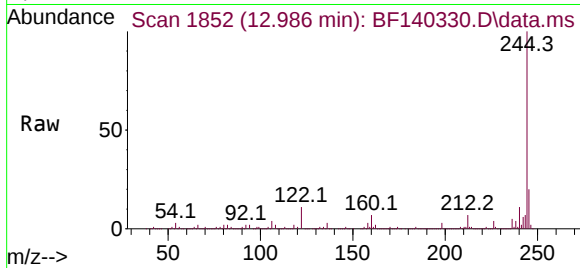




#79
 Terphenyl-d14
 Concen: 90.281 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140330.D
 Acq: 11 Nov 2024 21:03

Instrument :
 BNA_F
 ClientSampleId :
 WB-307-SB02

Tgt Ion:244 Resp: 2001946
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140330.D
 Acq: 11 Nov 2024 21:03

Tgt Ion:264 Resp: 303804
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.7 17.6 26.4

