

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140739.D
 Acq On : 04 Dec 2024 20:49
 Operator : RC/JU
 Sample : P5072-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-738

Quant Time: Dec 05 00:07:29 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)

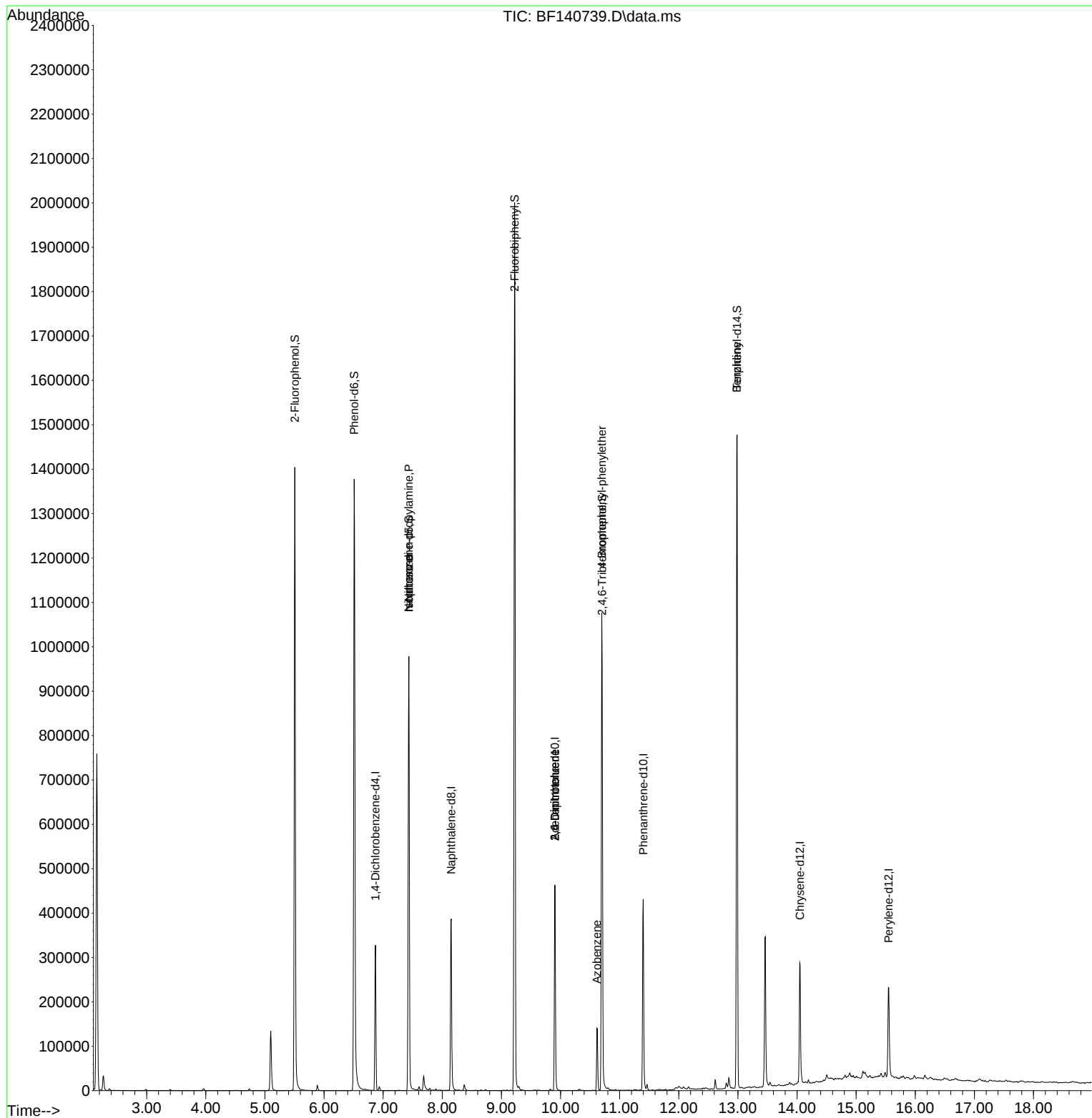
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70468	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	266984	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	143877	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	248738	20.000	ng	0.00
76) Chrysene-d12	14.051	240	134290	20.000	ng	0.00
86) Perylene-d12	15.551	264	128714	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	541313	131.066	ng	0.00
7) Phenol-d6	6.510	99	709345	129.915	ng	0.00
23) Nitrobenzene-d5	7.434	82	463606	88.820	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	197258	128.192	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	905044	93.723	ng	-0.01
79) Terphenyl-d14	12.986	244	756370	87.703	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	62362	19.326	ng	# 75
25) Isophorone	7.434	82	459583	52.790	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	18232	8.484	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	18232	6.383	ng	# 17
63) Azobenzene	10.616	77	39643	4.348	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	12387	4.836	ng	# 1
77) Benzidine	12.980	184	10549	2.702	ng	# 91

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

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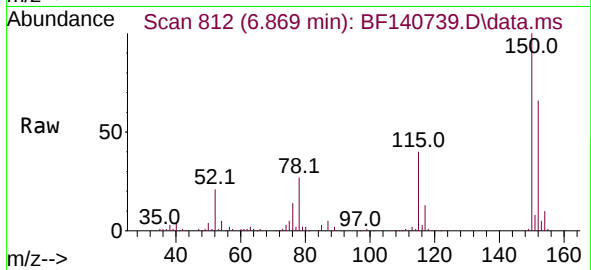
Quant Time: Dec 05 00:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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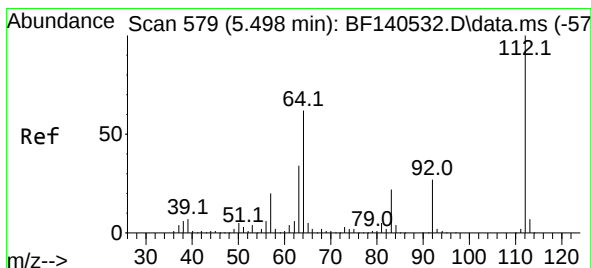
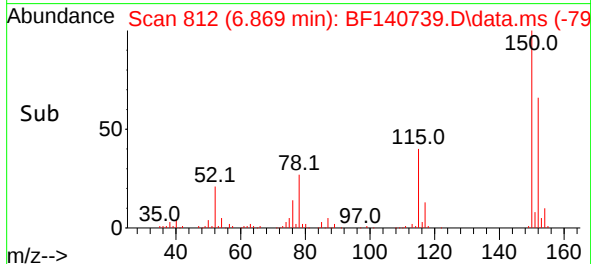
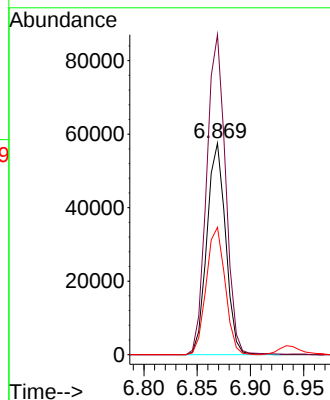


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Instrument :
BNA_F
ClientSampleId :
MH-738

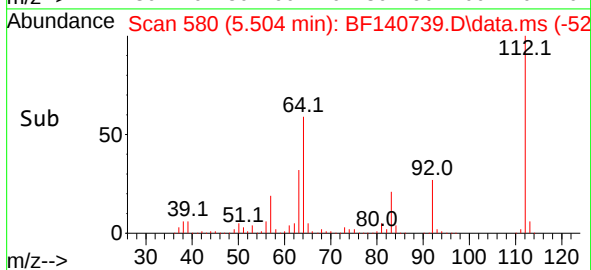
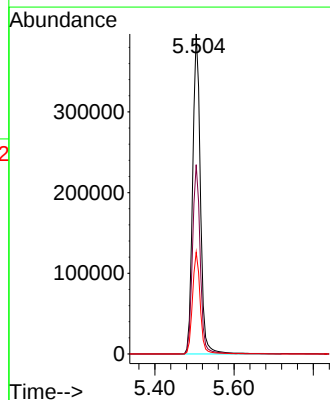
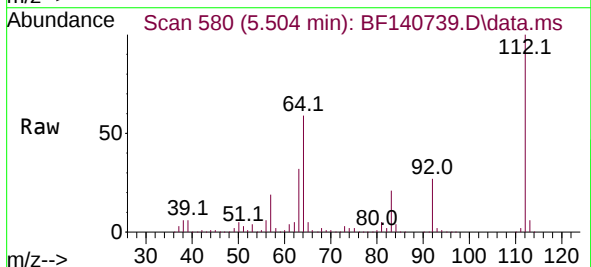


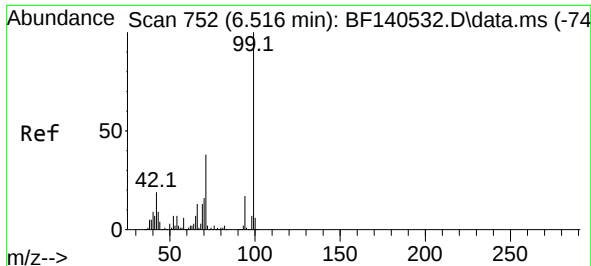
Tgt Ion:152 Resp: 70468
Ion Ratio Lower Upper
152 100
150 151.3 128.5 192.7
115 60.2 50.2 75.4



#5
2-Fluorophenol
Concen: 131.066 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Tgt Ion:112 Resp: 541313
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 31.8 27.0 40.4

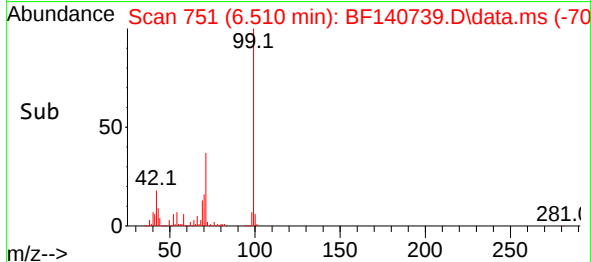
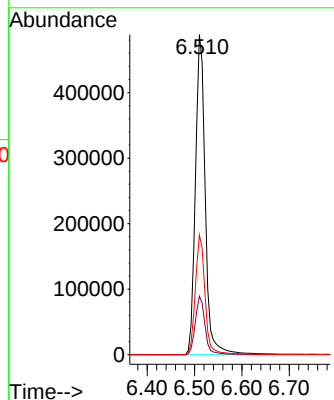
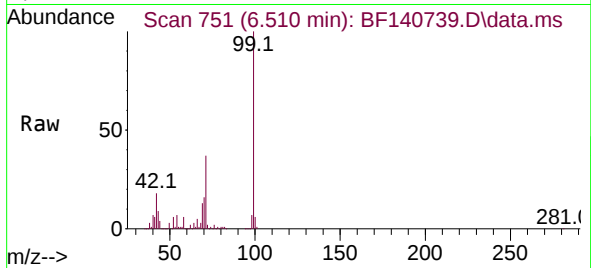




#7
Phenol-d6
Concen: 129.915 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

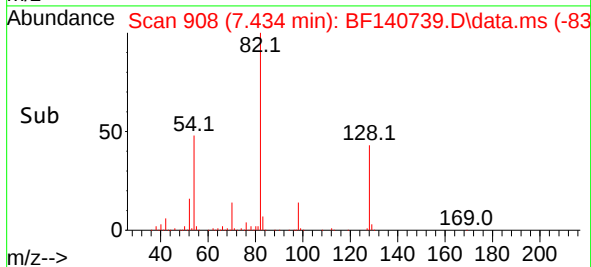
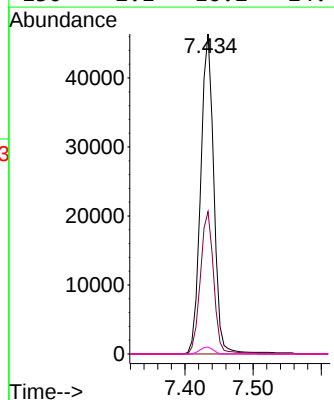
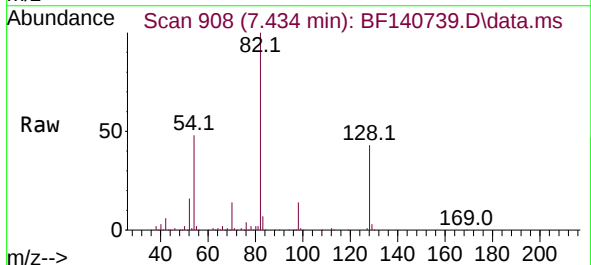
Instrument :
BNA_F
ClientSampleId :
MH-738

Tgt Ion: 99 Resp: 709345
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.326 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Tgt Ion: 70 Resp: 62362
Ion Ratio Lower Upper
70 100
42 44.5 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



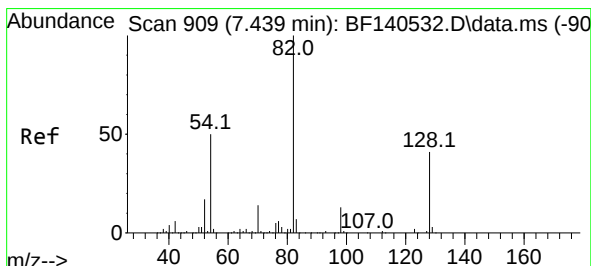
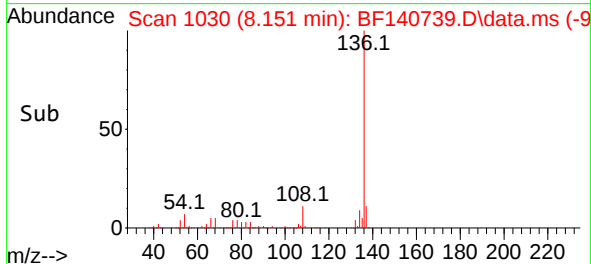
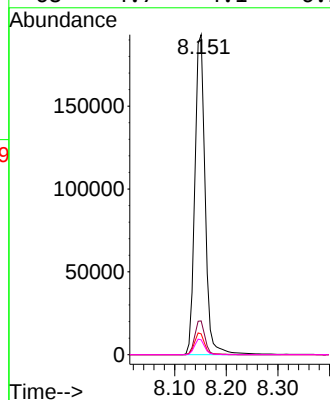
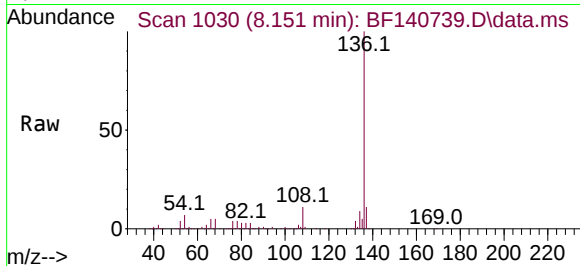


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Instrument :
BNA_F
ClientSampleId :
MH-738

Tgt Ion:136 Resp: 266984

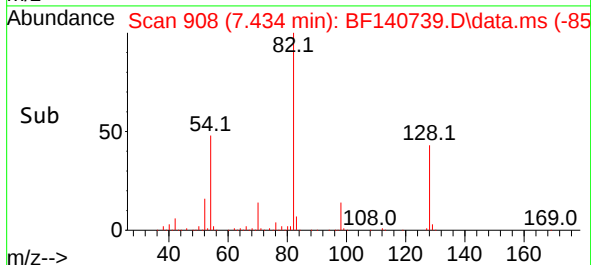
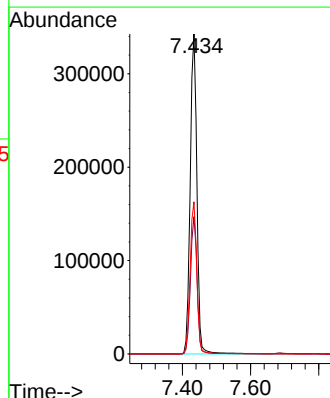
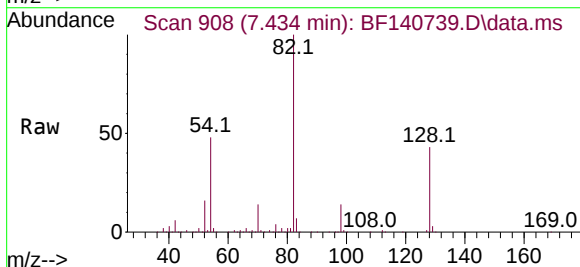
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.5	5.8	8.8
68	4.7	4.1	6.1

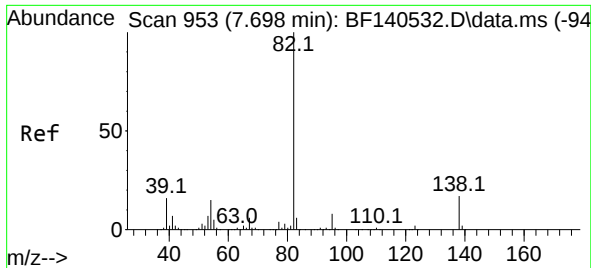


#23
Nitrobenzene-d5
Concen: 88.820 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Tgt Ion: 82 Resp: 463606

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.0	49.4
54	47.6	39.5	59.3

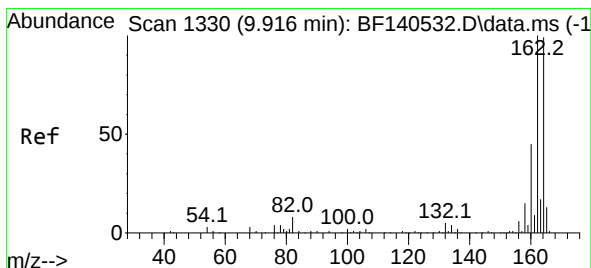
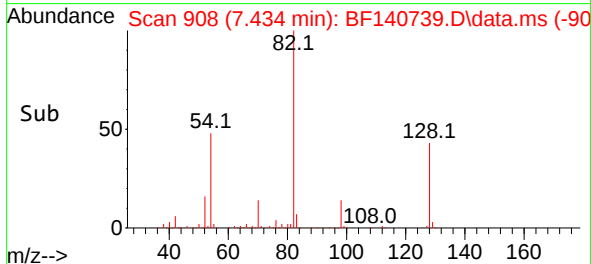
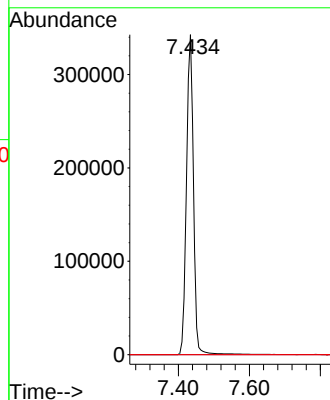
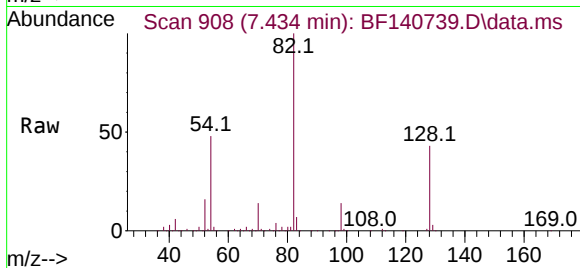




#25
Isophorone
Concen: 52.790 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

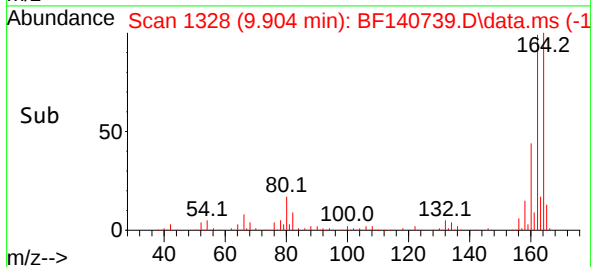
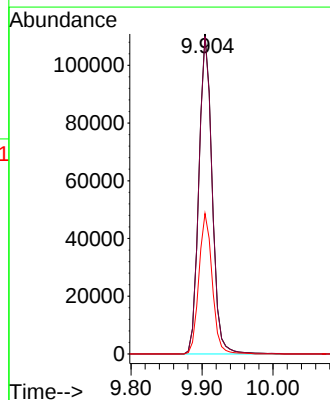
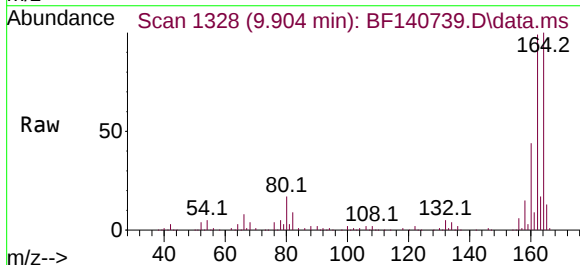
Instrument :
BNA_F
ClientSampleId :
MH-738

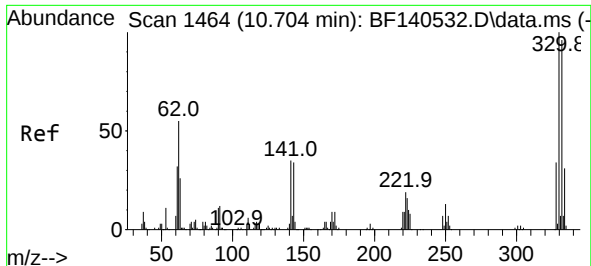
Tgt Ion: 82 Resp: 459583
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Tgt Ion: 164 Resp: 143877
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 43.9 36.2 54.4

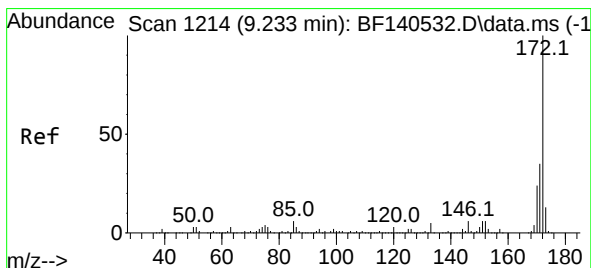
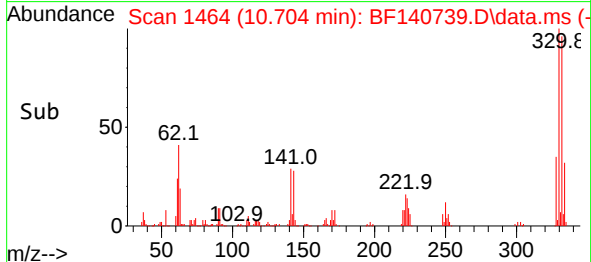
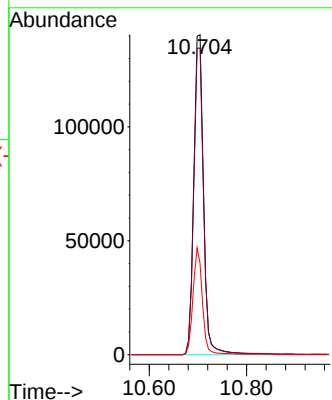
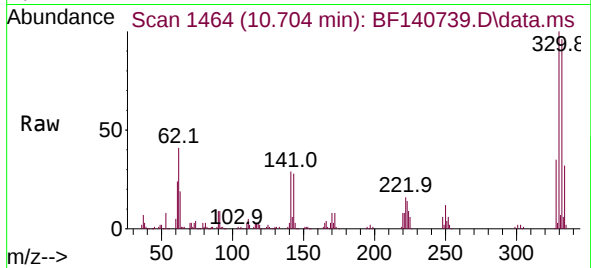




#42
2,4,6-Tribromophenol
Concen: 128.192 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

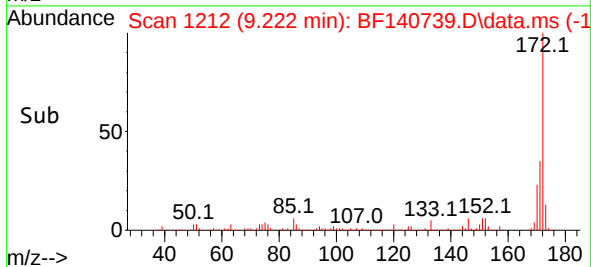
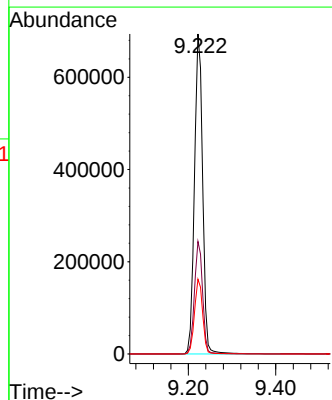
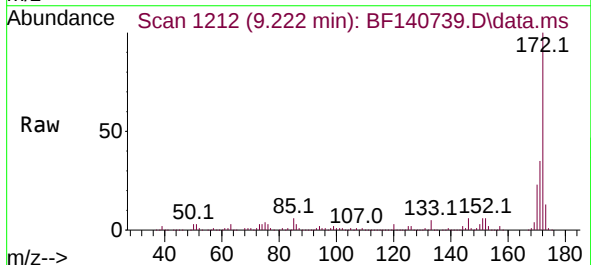
Instrument :
BNA_F
ClientSampleId :
MH-738

Tgt Ion:330 Resp: 197258
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 32.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 93.723 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Tgt Ion:172 Resp: 905044
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 19.0 28.6

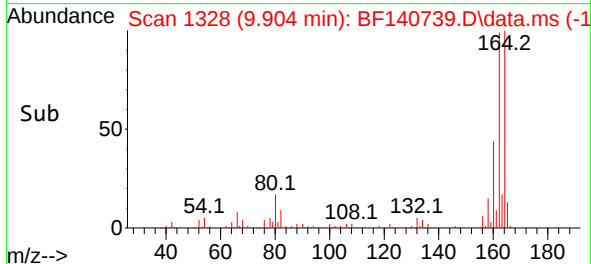
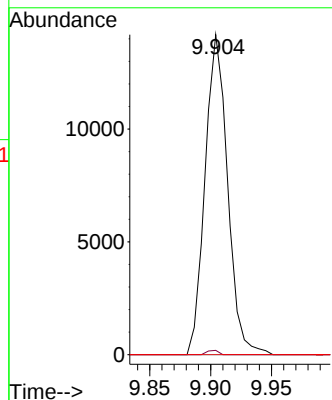
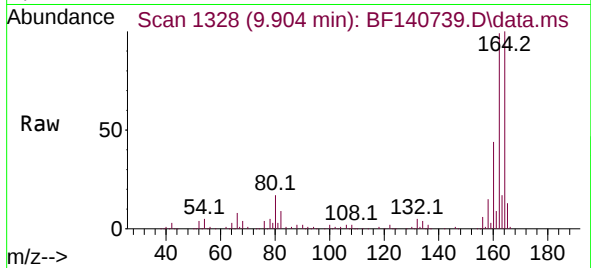




#51
2,6-Dinitrotoluene
Concen: 8.484 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

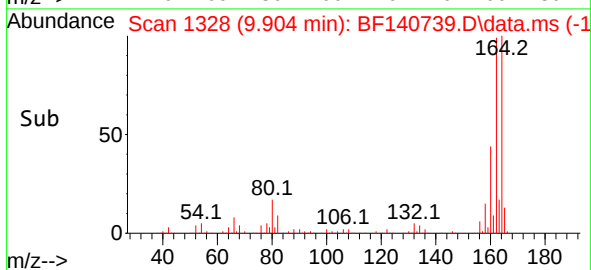
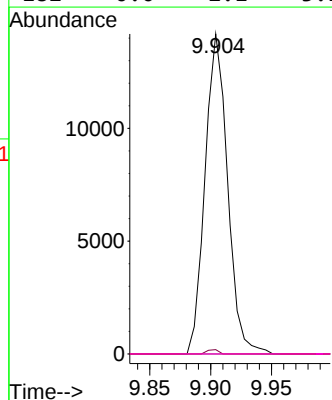
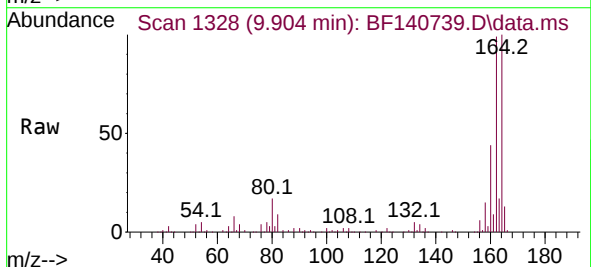
Instrument :
BNA_F
ClientSampleId :
MH-738

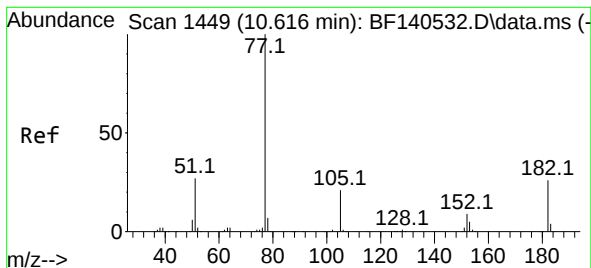
Tgt Ion:165 Resp: 18232
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.383 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Tgt Ion:165 Resp: 18232
Ion Ratio Lower Upper
165 100
63 1.3 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 4.348 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140739.D

Acq: 04 Dec 2024 20:49

Instrument :

BNA_F

ClientSampleId :

MH-738

Tgt Ion: 77 Resp: 39643

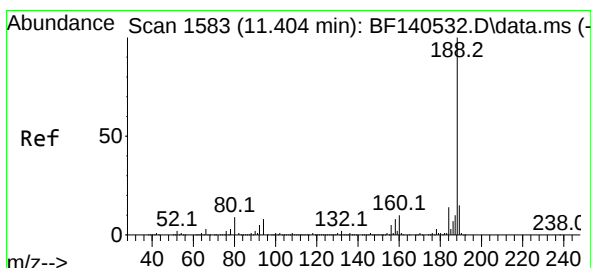
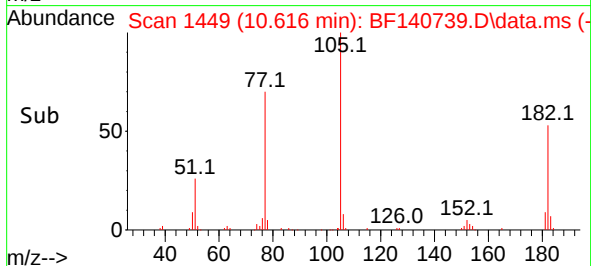
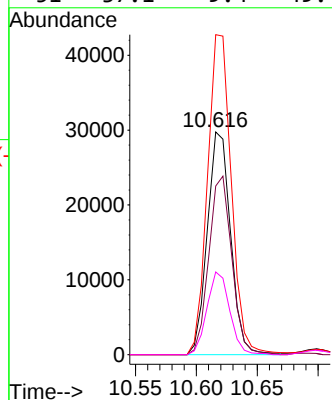
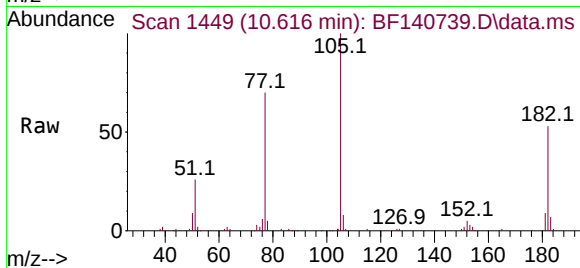
Ion Ratio Lower Upper

77 100

182 75.7 5.3 45.3#

105 143.7 0.3 40.3#

51 37.1 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140739.D

Acq: 04 Dec 2024 20:49

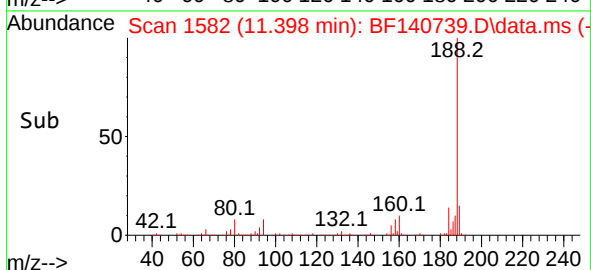
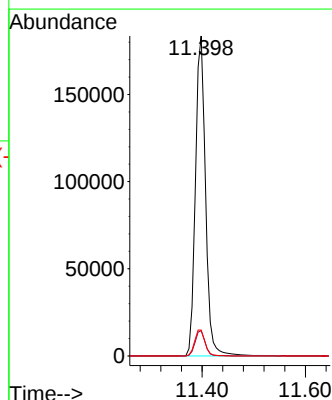
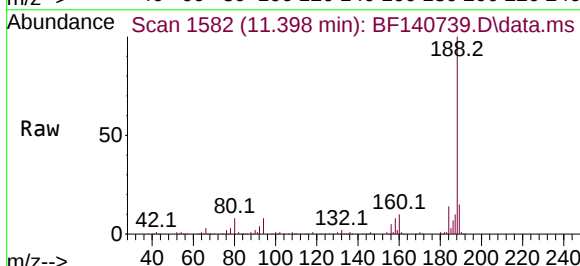
Tgt Ion:188 Resp: 248738

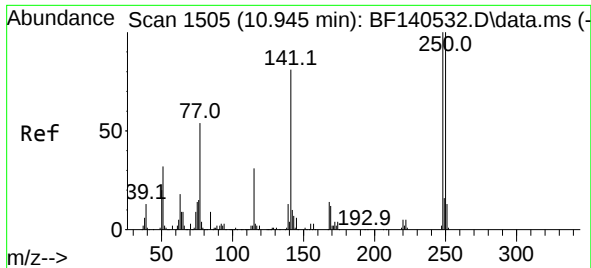
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.1 6.9 10.3

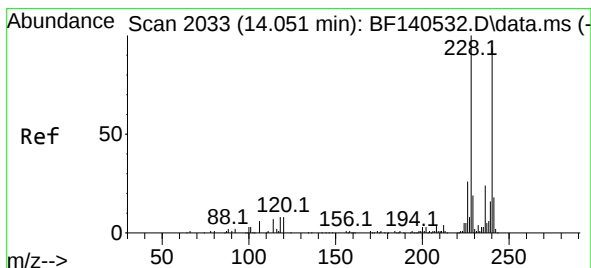
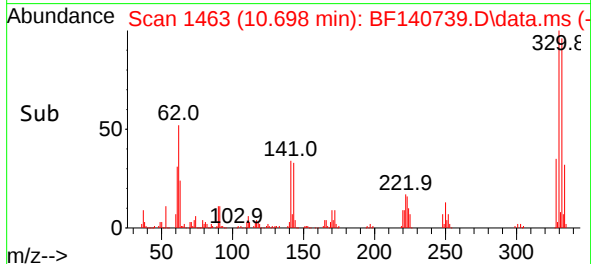
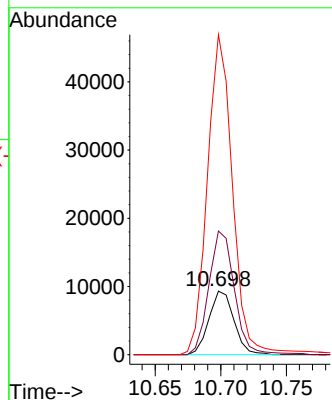
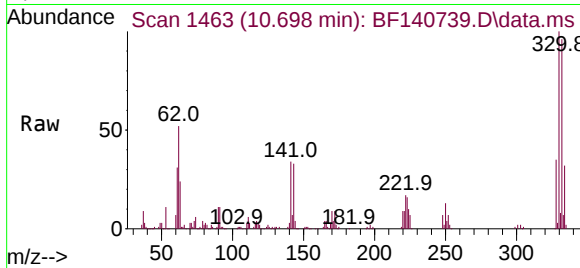




#67
4-Bromophenyl-phenylether
Concen: 4.836 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

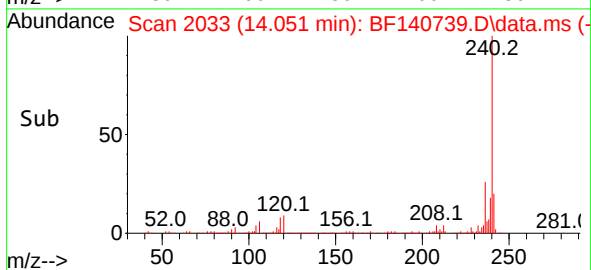
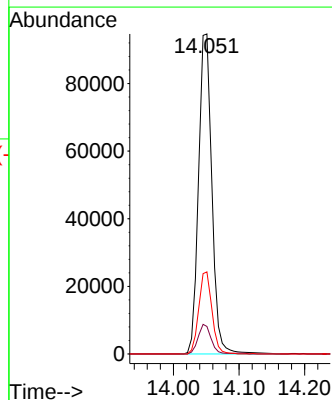
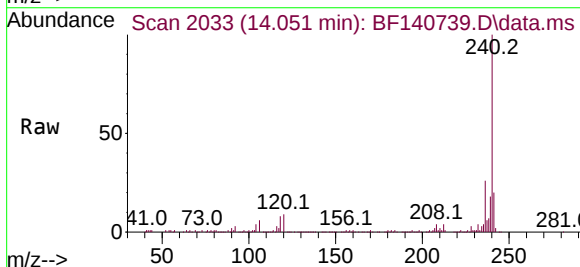
Instrument :
BNA_F
ClientSampleId :
MH-738

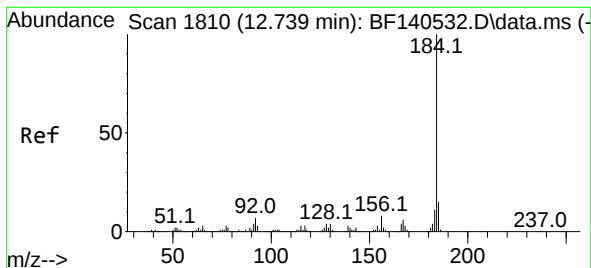
Tgt Ion:248 Resp: 12387
Ion Ratio Lower Upper
248 100
250 194.7 79.8 119.8#
141 503.6 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Tgt Ion:240 Resp: 134290
Ion Ratio Lower Upper
240 100
120 8.6 7.3 10.9
236 25.6 20.6 31.0





#77

Benzidine

Concen: 2.702 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.241 min

Lab File: BF140739.D

Acq: 04 Dec 2024 20:49

Instrument :

BNA_F

ClientSampleId :

MH-738

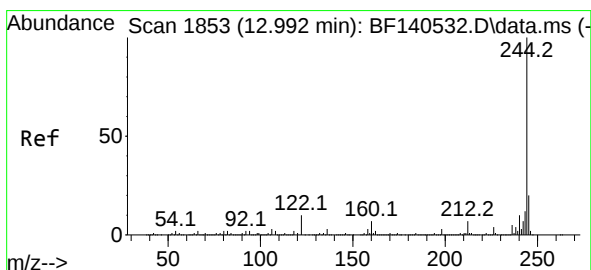
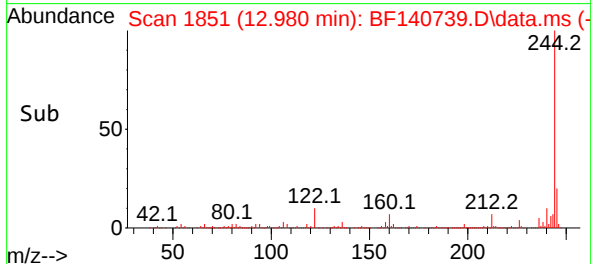
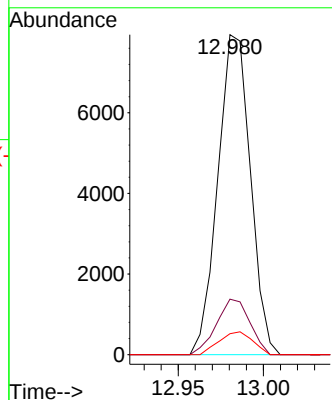
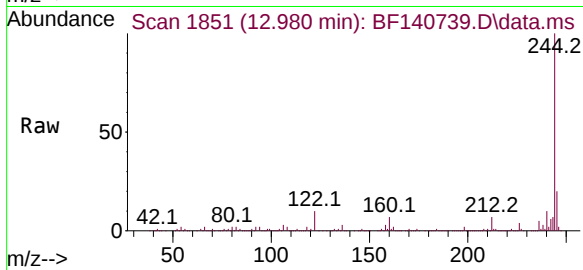
Tgt Ion:184 Resp: 10549

Ion Ratio Lower Upper

184 100

185 17.3 11.7 17.5

183 6.6 8.8 13.2#



#79

Terphenyl-d14

Concen: 87.703 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140739.D

Acq: 04 Dec 2024 20:49

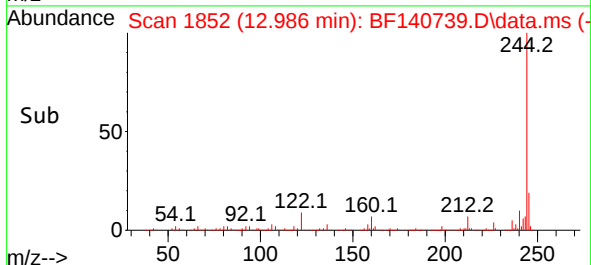
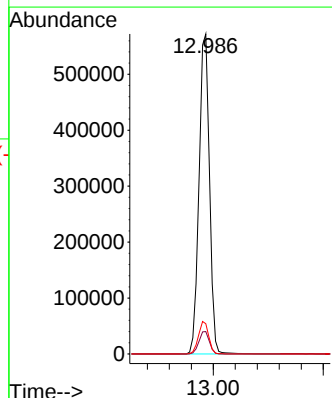
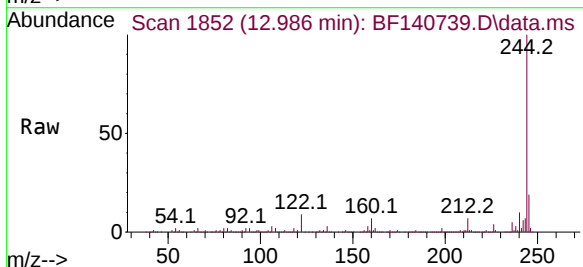
Tgt Ion:244 Resp: 756370

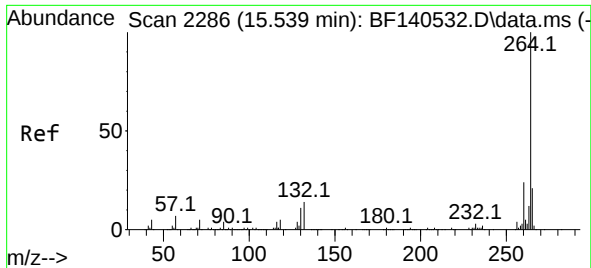
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.4 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140739.D
Acq: 04 Dec 2024 20:49

Instrument :
BNA_F
ClientSampleId :
MH-738

Tgt Ion:264 Resp: 128714
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.5 16.6 25.0

