

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140506.D
 Acq On : 20 Nov 2024 18:17
 Operator : RC/JU
 Sample : P4893-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-763

Quant Time: Nov 21 00:07:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

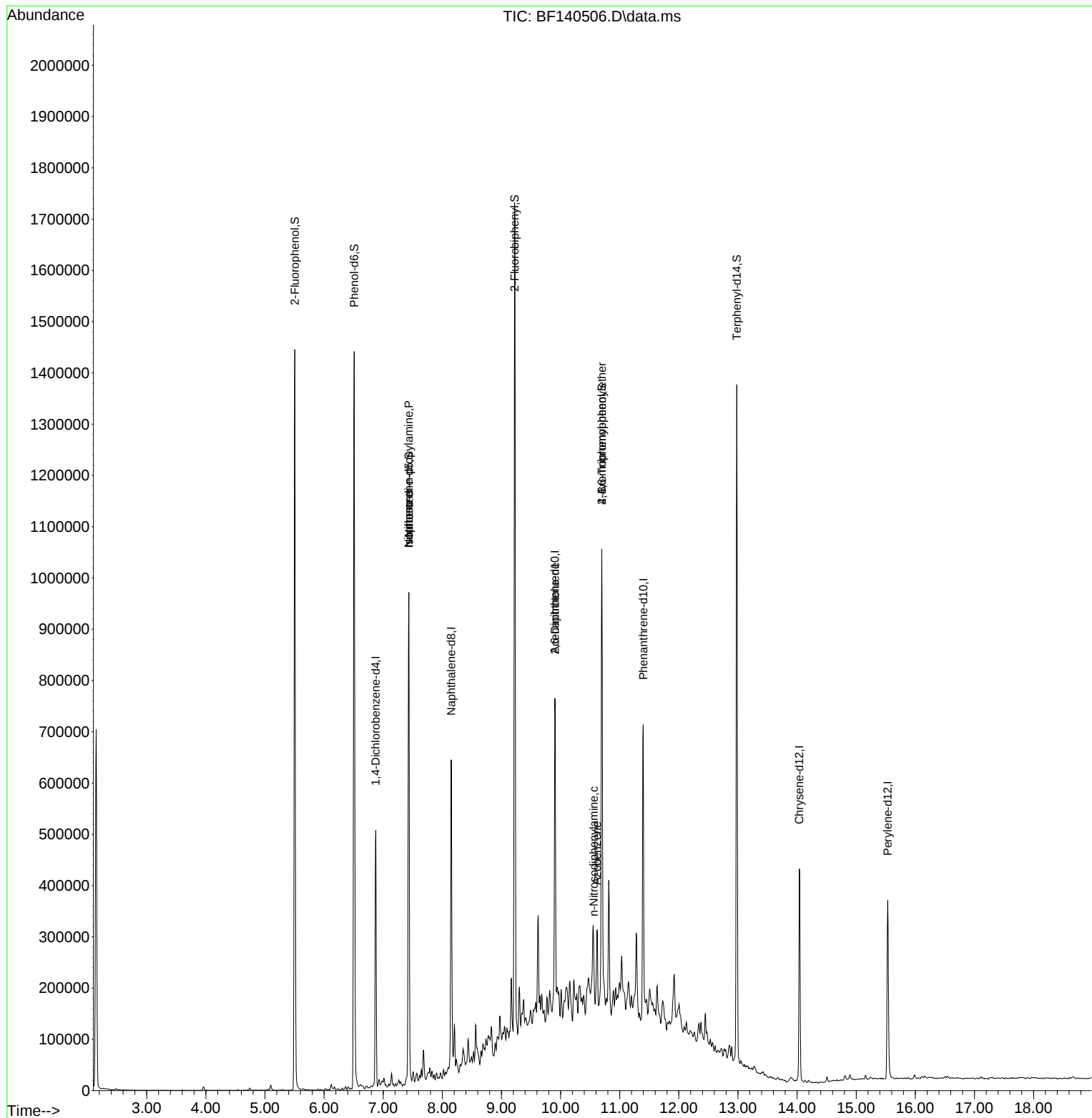
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	104953	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	380272	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	189196	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	311331	20.000	ng	0.00
76) Chrysene-d12	14.039	240	206295	20.000	ng	-0.01
86) Perylene-d12	15.533	264	217003	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	546270	88.868	ng	0.01
7) Phenol-d6	6.510	99	694445	83.385	ng	0.00
23) Nitrobenzene-d5	7.434	82	444959	60.966	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	154714	82.233	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	762815	64.814	ng	-0.01
79) Terphenyl-d14	12.980	244	637149	53.611	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	62538	12.433	ng	# 76
25) Isophorone	7.434	82	437416	33.816	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	26420	9.397	ng	# 25
63) Azobenzene	10.616	77	36454	2.926	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	20939	2.328	ng	# 47
67) 4-Bromophenyl-phenylether	10.698	248	9854	3.166	ng	# 1

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

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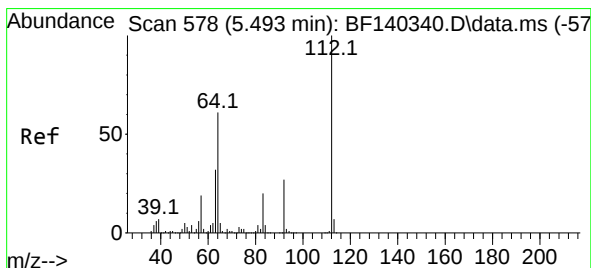
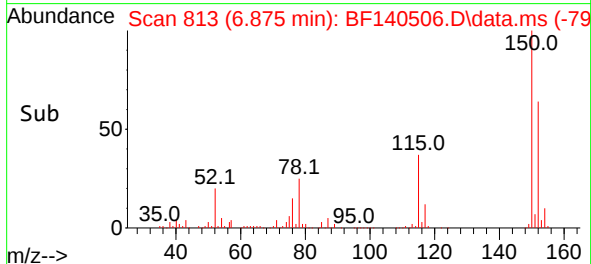
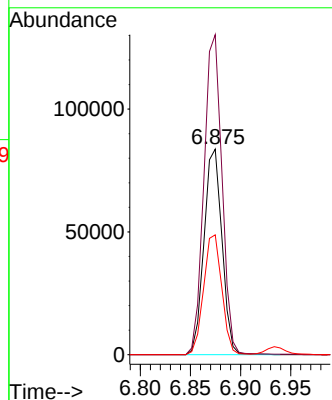
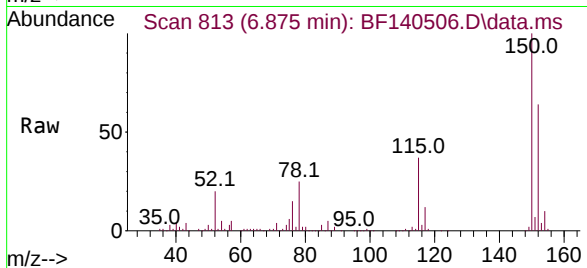




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

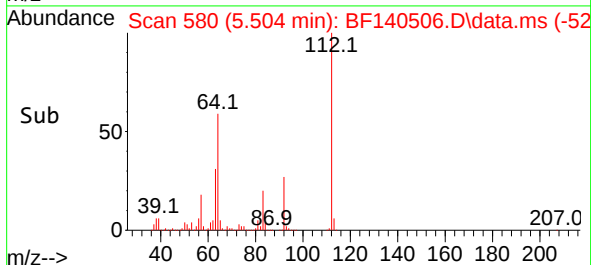
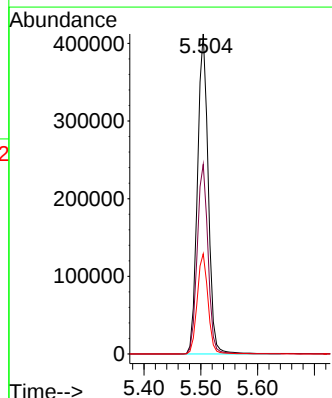
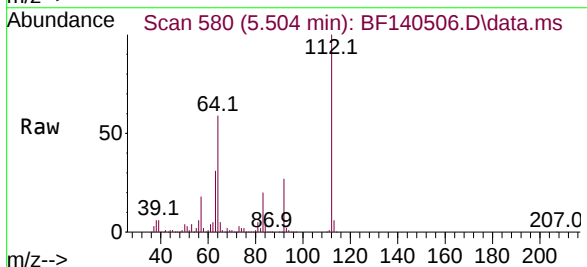
Instrument :
BNA_F
ClientSampleId :
MH-763

Tgt Ion:152 Resp: 104953
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 58.3 47.4 71.2



#5
2-Fluorophenol
Concen: 88.868 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion:112 Resp: 546270
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 31.3 25.6 38.4





#7
Phenol-d6
Concen: 83.385 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

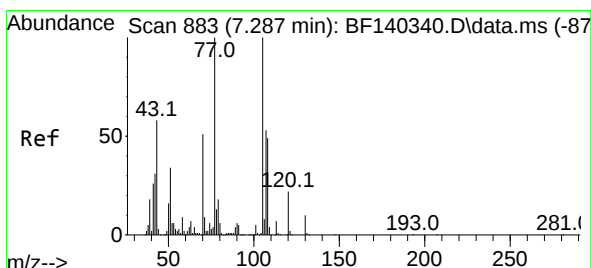
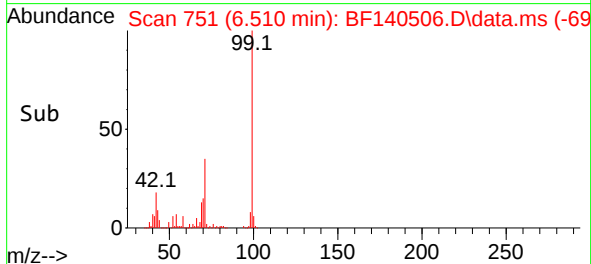
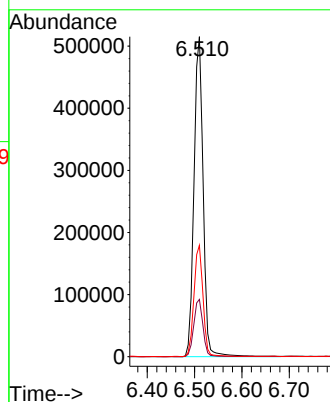
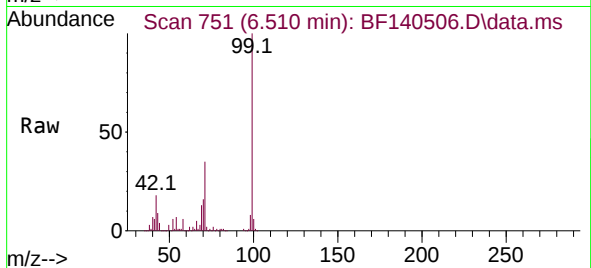
Instrument :

BNA_F

ClientSampleId :

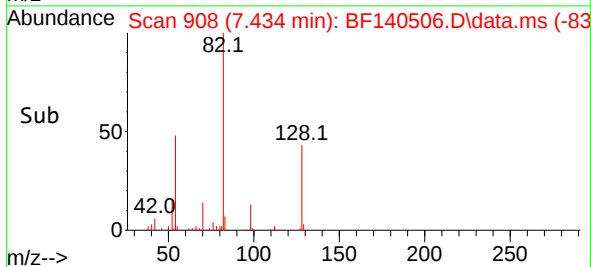
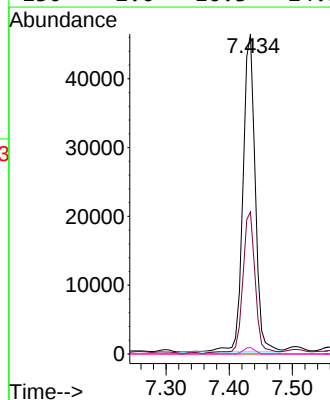
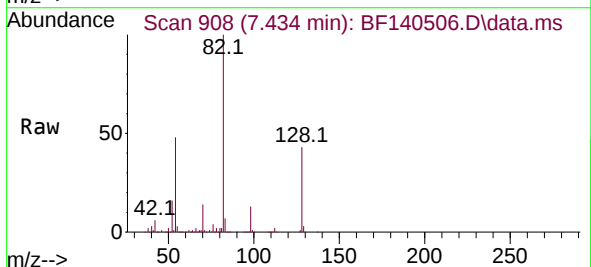
MH-763

Tgt Ion: 99 Resp: 694445
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 34.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.433 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion: 70 Resp: 62538
Ion Ratio Lower Upper
70 100
42 44.4 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

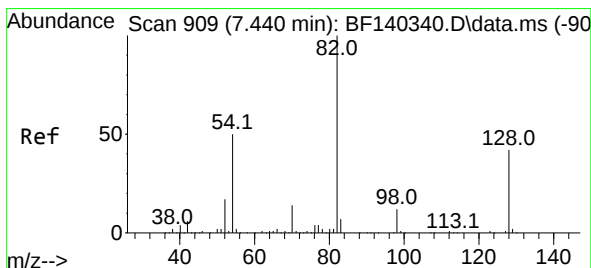
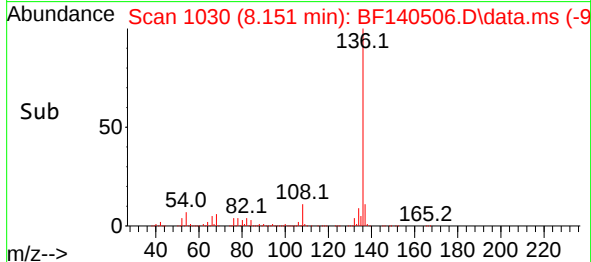
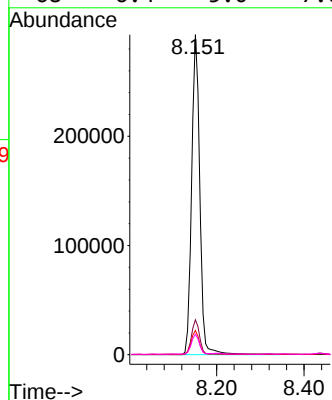
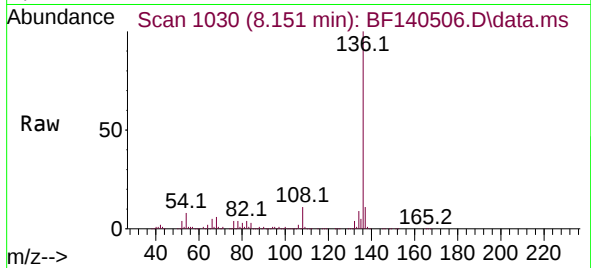




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

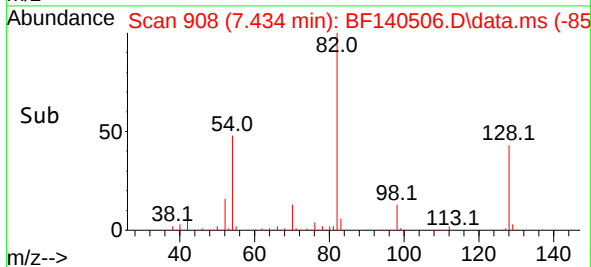
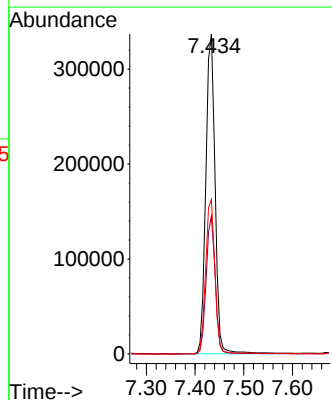
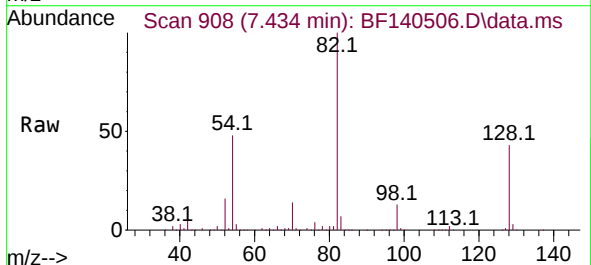
Instrument :
BNA_F
ClientSampleId :
MH-763

Tgt Ion:136 Resp: 380272
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.6 6.5 9.7
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 60.966 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion: 82 Resp: 444959
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 48.3 39.8 59.8

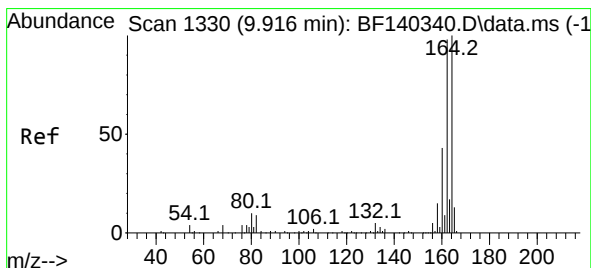
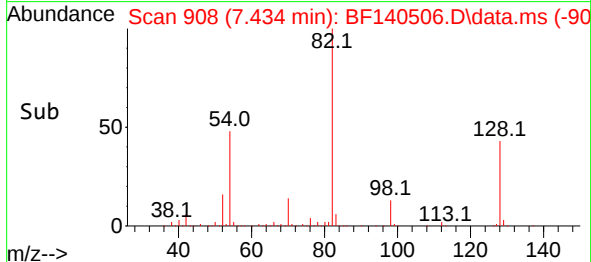
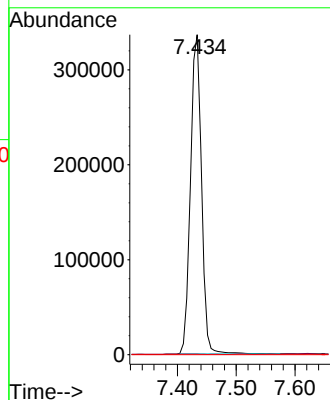
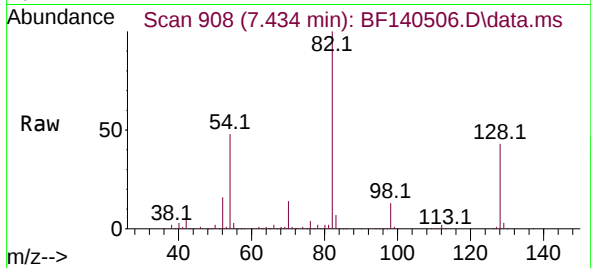




#25
Isophorone
Concen: 33.816 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

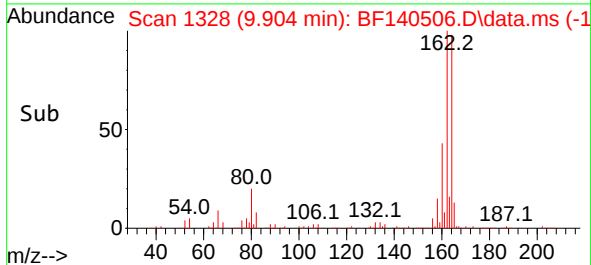
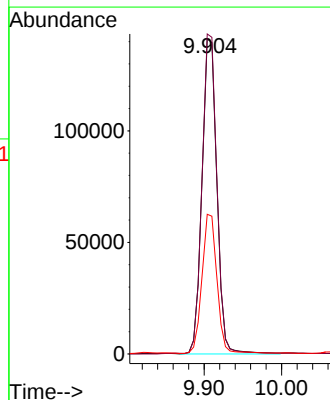
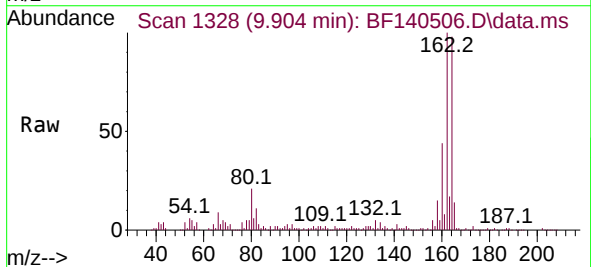
Instrument :
BNA_F
ClientSampleId :
MH-763

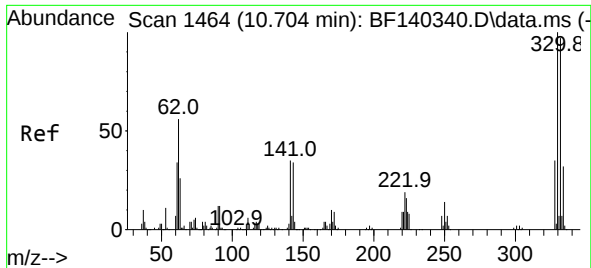
Tgt Ion: 82 Resp: 437416
Ion Ratio Lower Upper
82 100
95 0.2 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion: 164 Resp: 189196
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 44.3 35.4 53.0

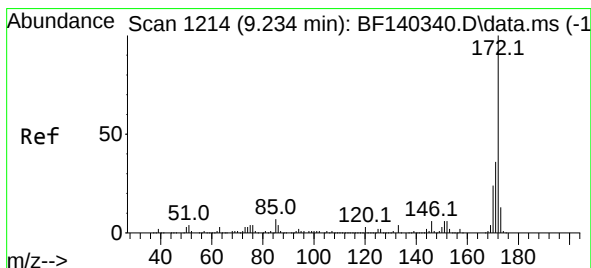
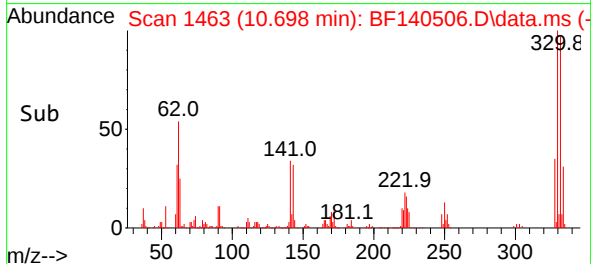
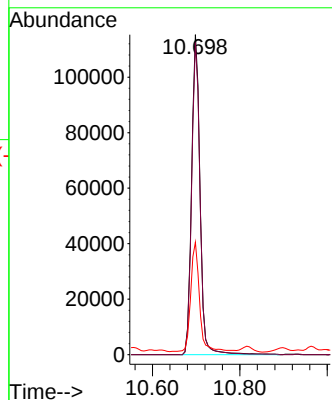
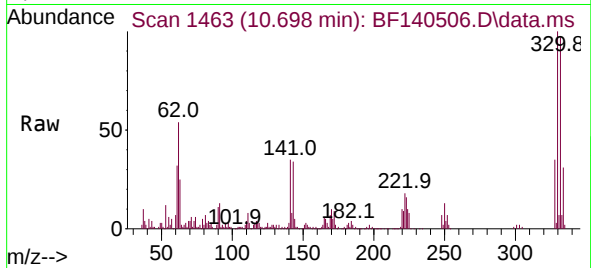




#42
2,4,6-Tribromophenol
Concen: 82.233 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

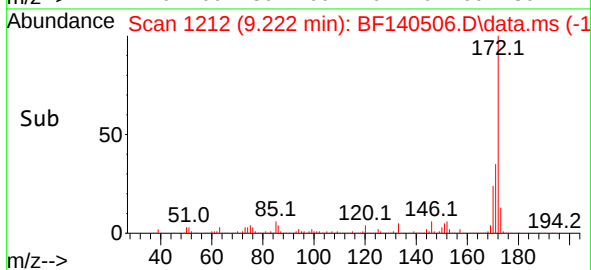
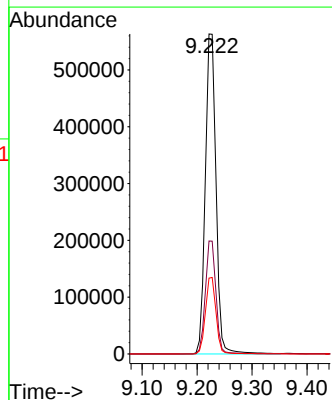
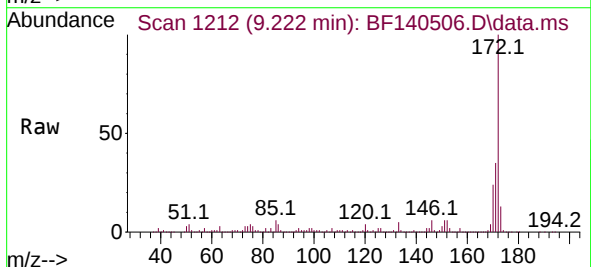
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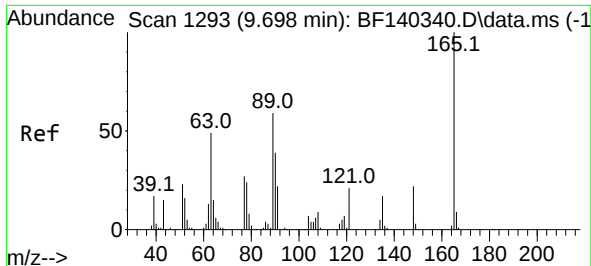
Tgt Ion:330 Resp: 154714
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 35.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 64.814 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion:172 Resp: 762815
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.397 ng

RT: 9.904 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140506.D

Acq: 20 Nov 2024 18:17

Instrument :

BNA_F

ClientSampleId :

MH-763

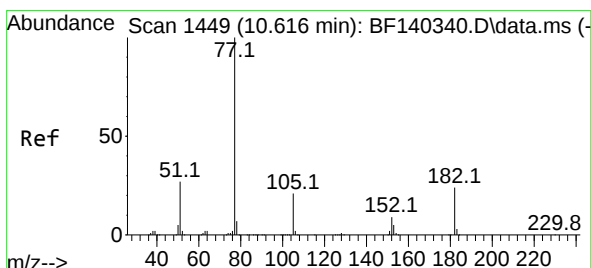
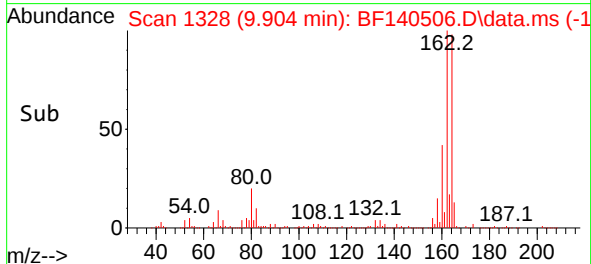
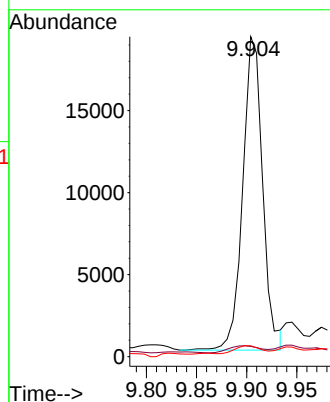
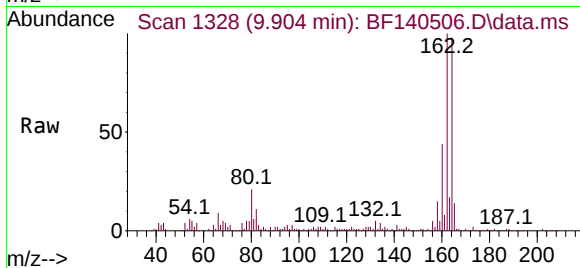
Tgt Ion:165 Resp: 26420

Ion Ratio Lower Upper

165 100

63 3.2 47.6 71.4#

89 3.4 48.1 72.1#



#63

Azobenzene

Concen: 2.926 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140506.D

Acq: 20 Nov 2024 18:17

Tgt Ion: 77 Resp: 36454

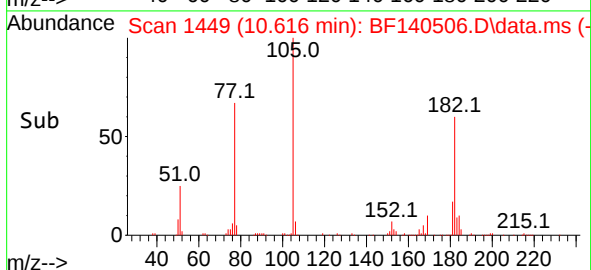
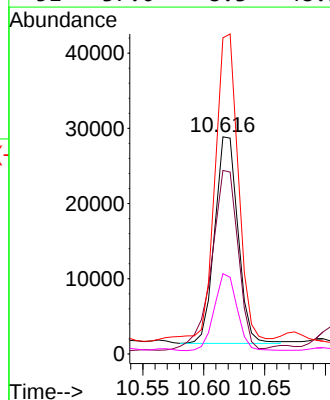
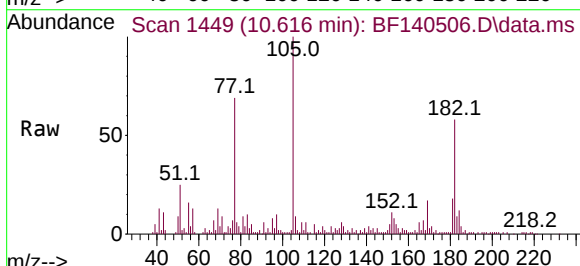
Ion Ratio Lower Upper

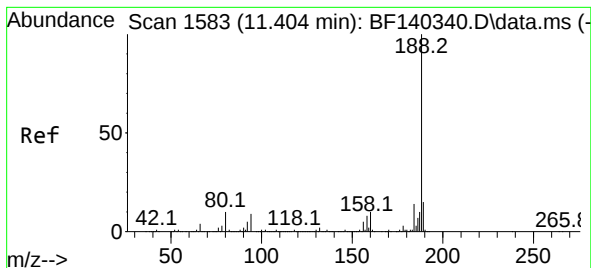
77 100

182 84.5 4.6 44.6#

105 145.6 0.9 40.9#

51 37.0 8.3 48.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140506.D

Acq: 20 Nov 2024 18:17

Instrument :

BNA_F

ClientSampleId :

MH-763

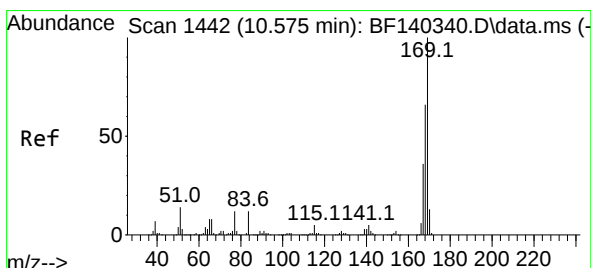
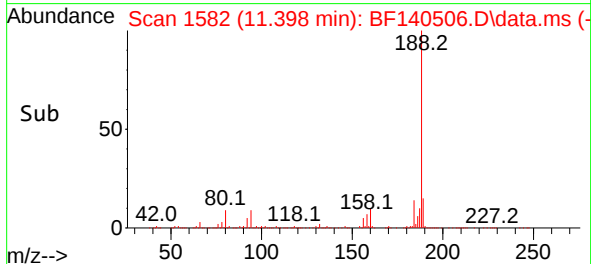
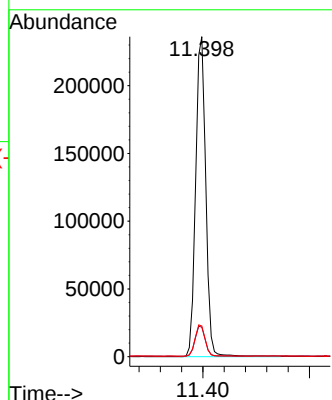
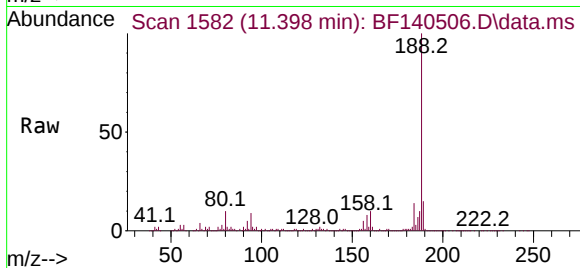
Tgt Ion:188 Resp: 311331

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.6 8.0 12.0



#66

n-Nitrosodiphenylamine

Concen: 2.328 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF140506.D

Acq: 20 Nov 2024 18:17

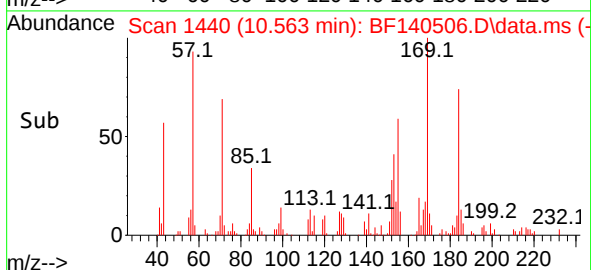
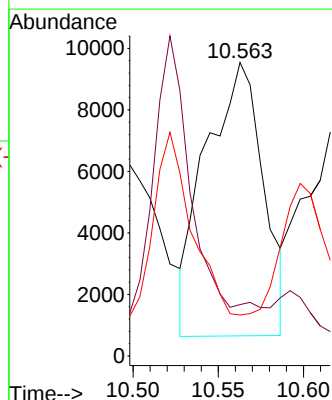
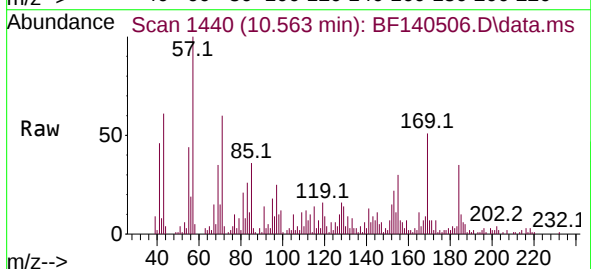
Tgt Ion:169 Resp: 20939

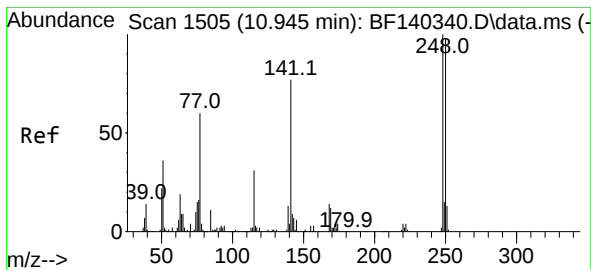
Ion Ratio Lower Upper

169 100

168 17.5 52.7 79.1#

167 14.0 29.3 43.9#

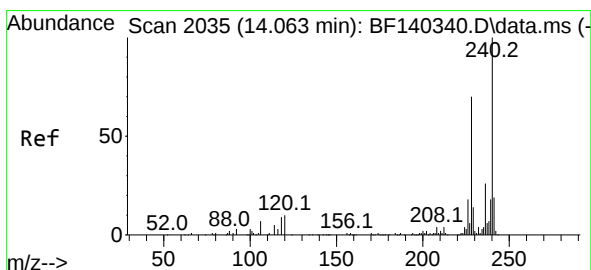
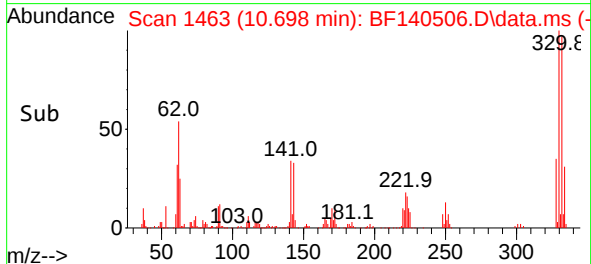
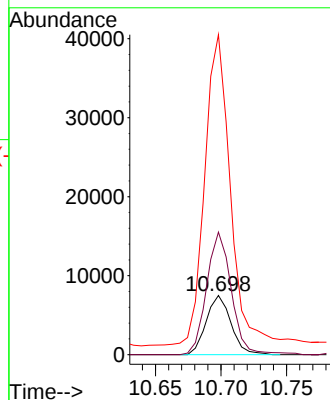
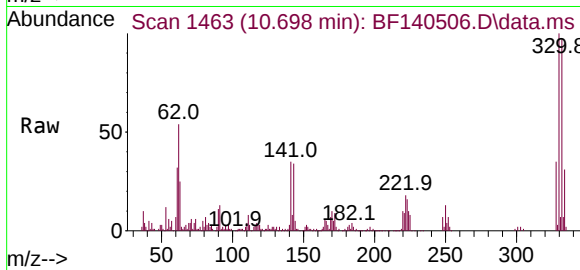




#67
4-Bromophenyl-phenylether
Concen: 3.166 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

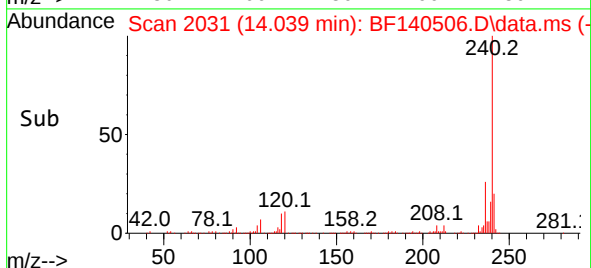
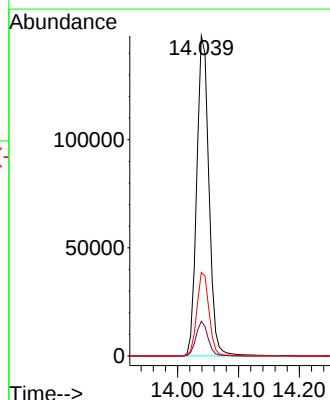
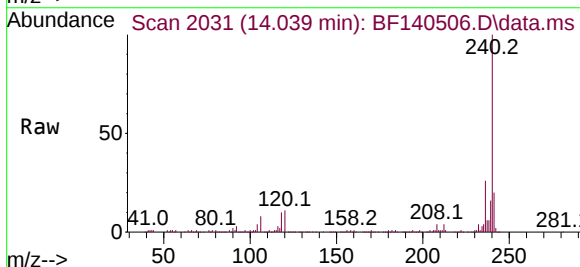
Instrument :
BNA_F
ClientSampleId :
MH-763

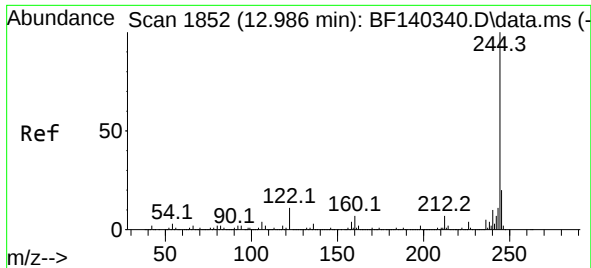
Tgt Ion:248 Resp: 9854
Ion Ratio Lower Upper
248 100
250 206.7 77.9 116.9#
141 539.8 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion:240 Resp: 206295
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.1 20.9 31.3

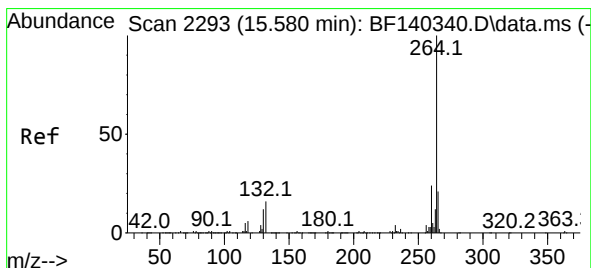
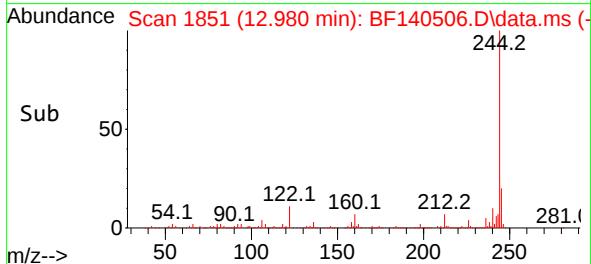
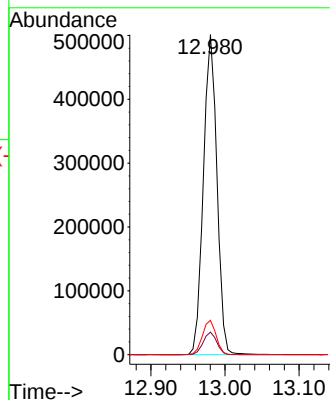
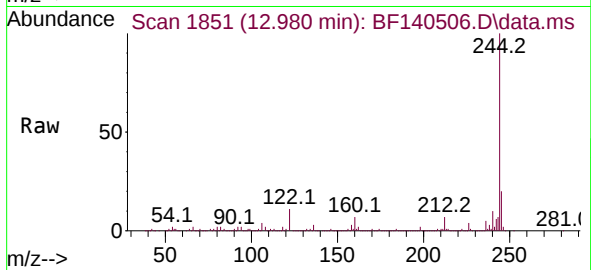




#79
Terphenyl-d14
Concen: 53.611 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Instrument :
BNA_F
ClientSampleId :
MH-763

Tgt Ion:244 Resp: 637149
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.7 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.024 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion:264 Resp: 217003
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.7 17.1 25.7

