

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140943.D
 Acq On : 20 Dec 2024 11:41
 Operator : RC/JU
 Sample : PB165705BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165705BL

Quant Time: Dec 20 12:01:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

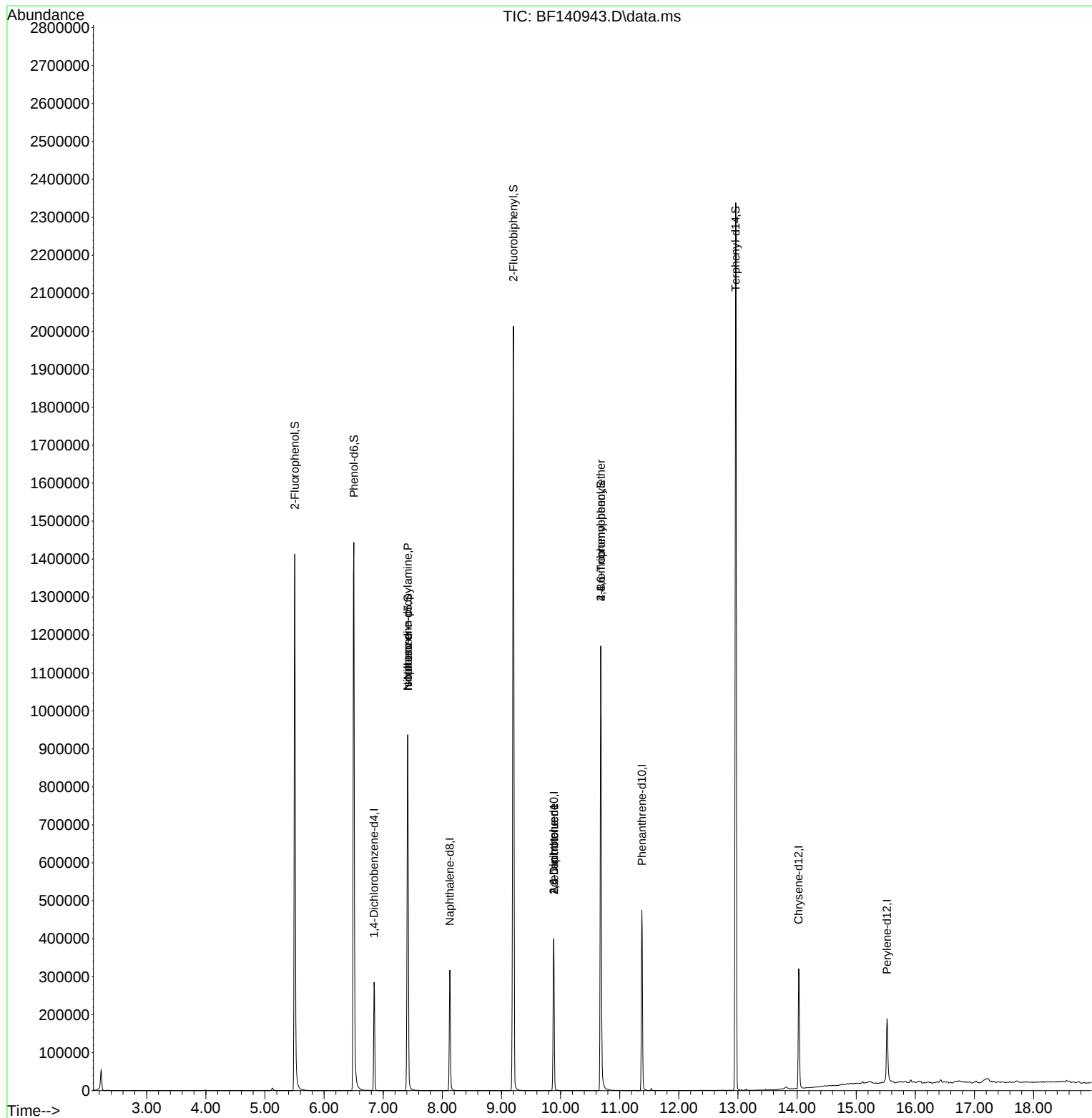
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	64872	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	228592	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	136709	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	270487	20.000	ng	0.00
76) Chrysene-d12	14.027	240	174504	20.000	ng	0.00
86) Perylene-d12	15.521	264	118300	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	590265	149.785	ng	0.02
7) Phenol-d6	6.504	99	799531	153.180	ng	0.00
23) Nitrobenzene-d5	7.416	82	487007	106.589	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	235540	145.676	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1024156	102.997	ng	0.00
79) Terphenyl-d14	12.963	244	1215200	109.809	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	63578	20.306	ng	# 76
25) Isophorone	7.416	82	480604	62.778	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	17656	8.013	ng	# 21
57) 2,4-Dinitrotoluene	9.886	165	17656	6.090	ng	# 15
67) 4-Bromophenyl-phenylether	10.680	248	14664	4.846	ng	# 1

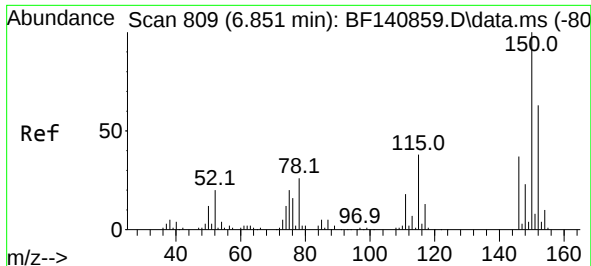
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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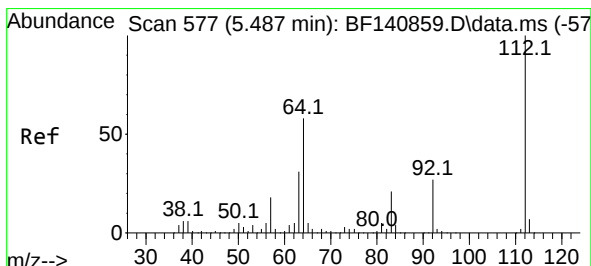
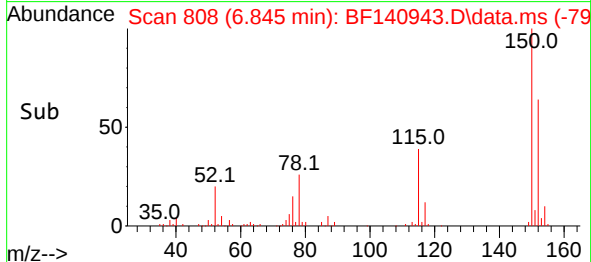
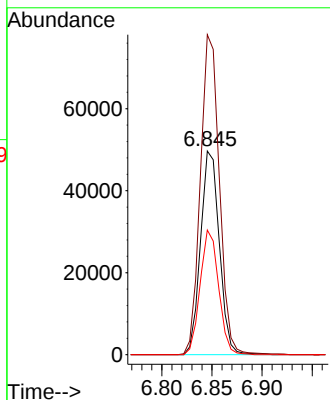
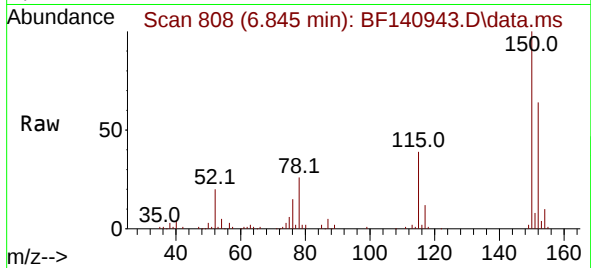




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

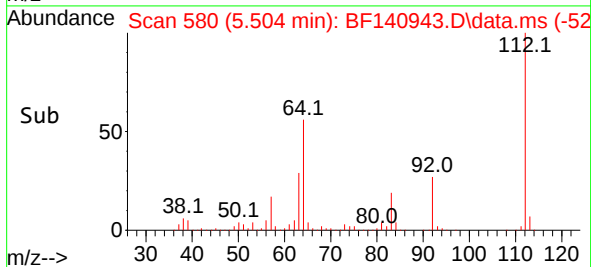
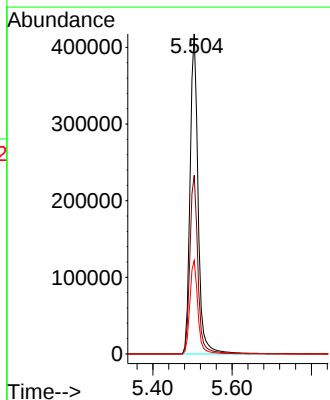
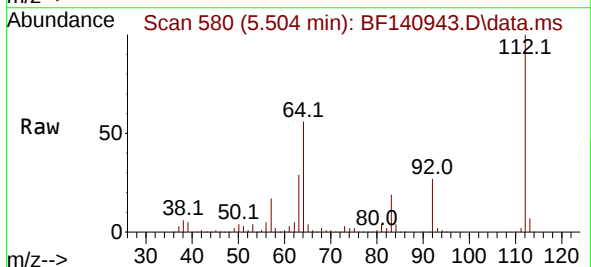
Instrument :
BNA_F
ClientSampleId :
PB165705BL

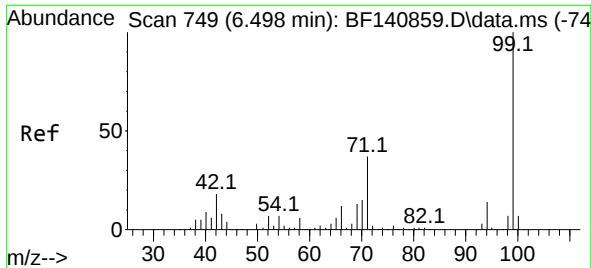
Tgt Ion:152 Resp: 64872
Ion Ratio Lower Upper
152 100
150 157.1 127.9 191.9
115 61.2 48.0 72.0



#5
2-Fluorophenol
Concen: 149.785 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

Tgt Ion:112 Resp: 590265
Ion Ratio Lower Upper
112 100
64 55.9 46.1 69.1
63 29.2 24.9 37.3

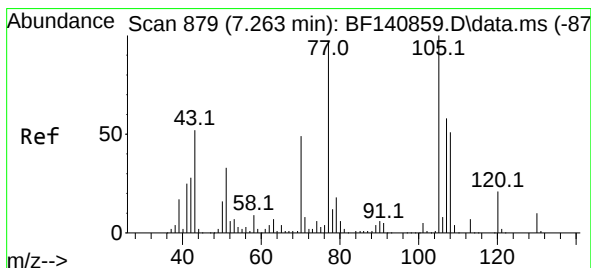
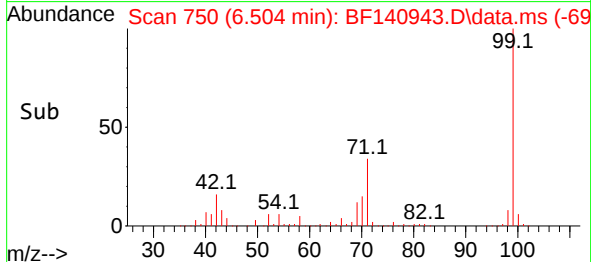
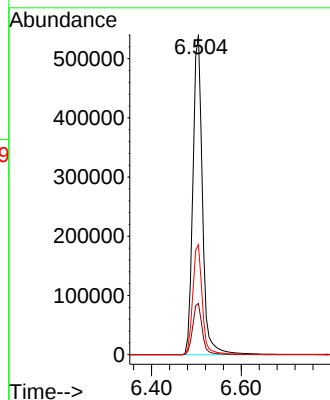
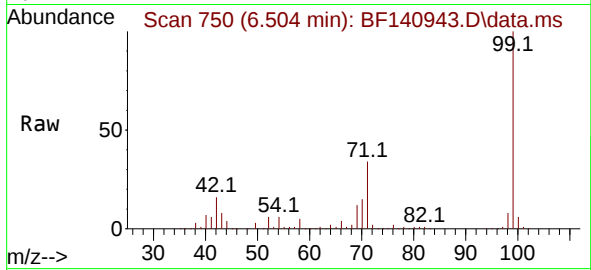




#7
Phenol-d6
Concen: 153.180 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

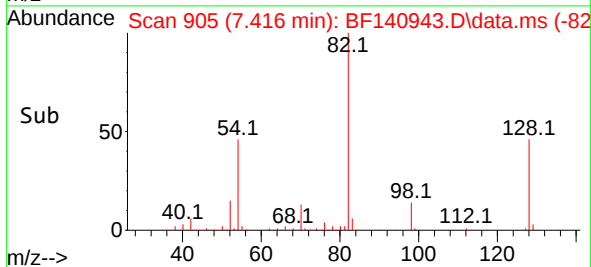
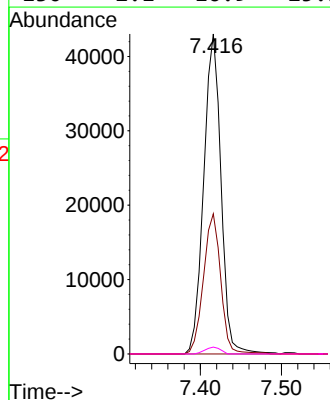
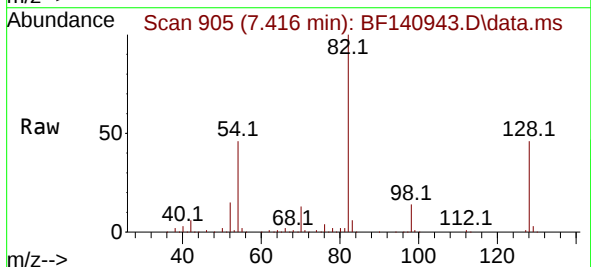
Instrument :
BNA_F
ClientSampleId :
PB165705BL

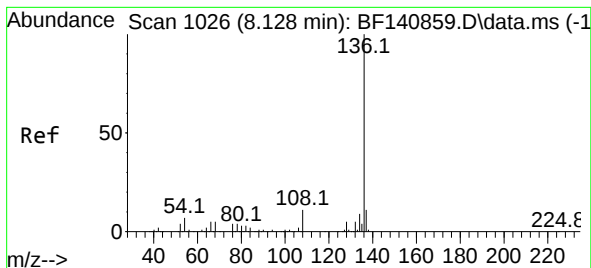
Tgt Ion: 99 Resp: 799531
Ion Ratio Lower Upper
99 100
42 16.0 14.3 21.5
71 34.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.306 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

Tgt Ion: 70 Resp: 63578
Ion Ratio Lower Upper
70 100
42 43.8 45.3 67.9#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB165705BL

Tgt Ion:136 Resp: 228592

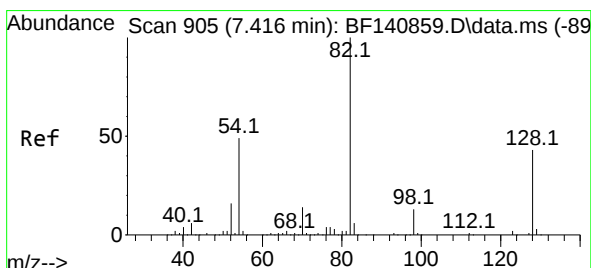
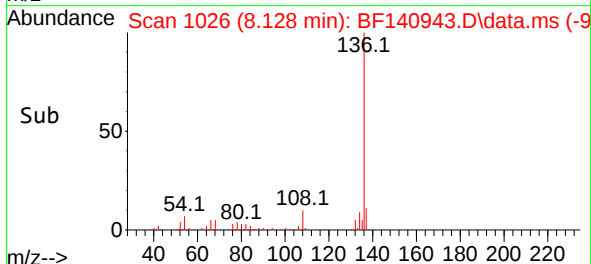
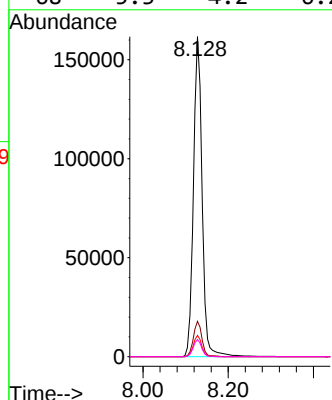
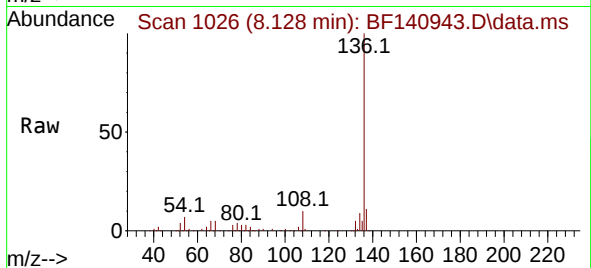
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.6 5.6 8.4

68 5.3 4.2 6.2



#23

Nitrobenzene-d5

Concen: 106.589 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

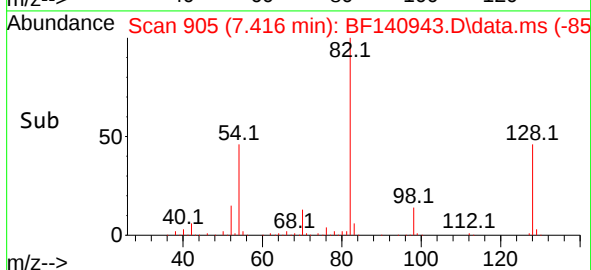
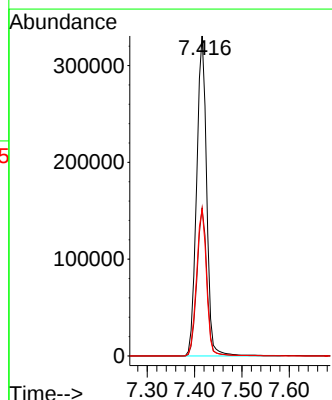
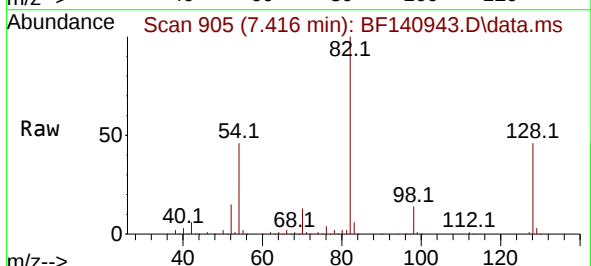
Tgt Ion: 82 Resp: 487007

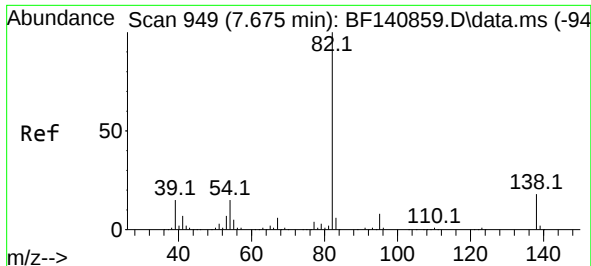
Ion Ratio Lower Upper

82 100

128 46.2 34.4 51.6

54 45.9 38.8 58.2

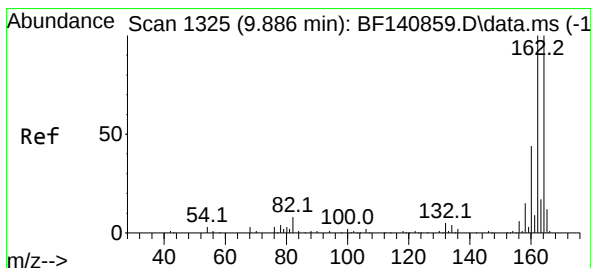
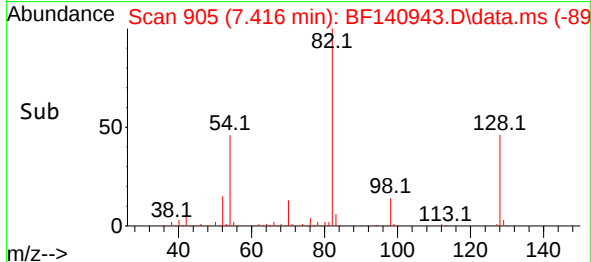
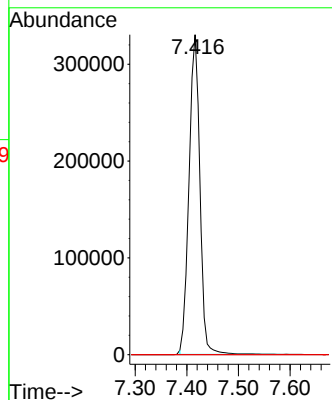
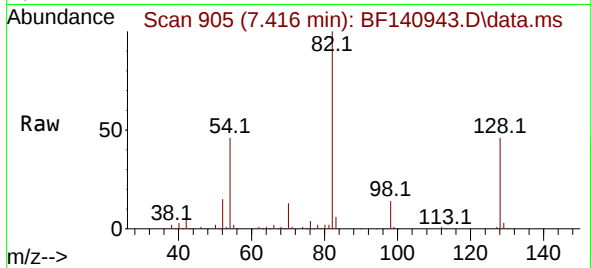




#25
Isophorone
Concen: 62.778 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

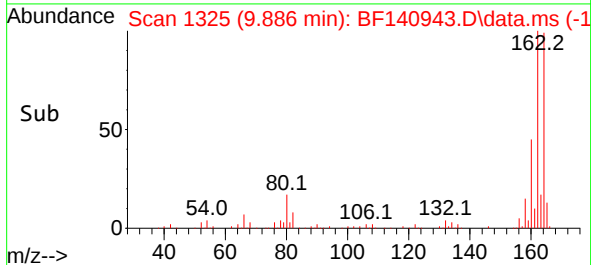
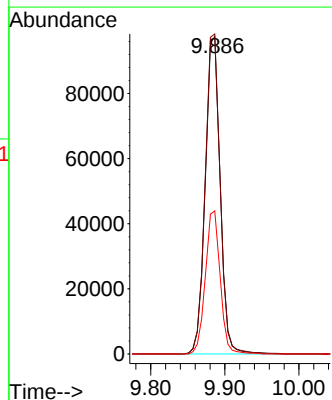
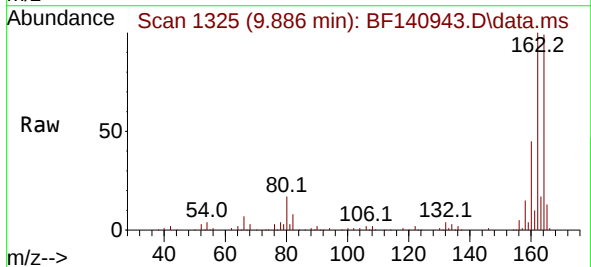
Instrument :
BNA_F
ClientSampleId :
PB165705BL

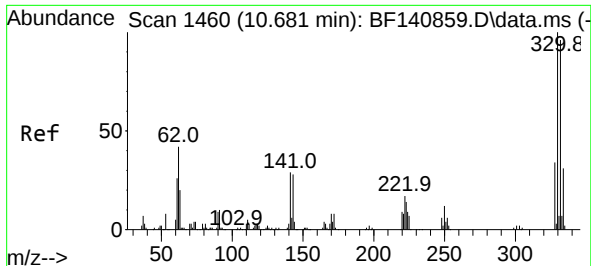
Tgt Ion: 82 Resp: 480604
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

Tgt Ion:164 Resp: 136709
Ion Ratio Lower Upper
164 100
162 100.9 79.9 119.9
160 45.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 145.676 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB165705BL

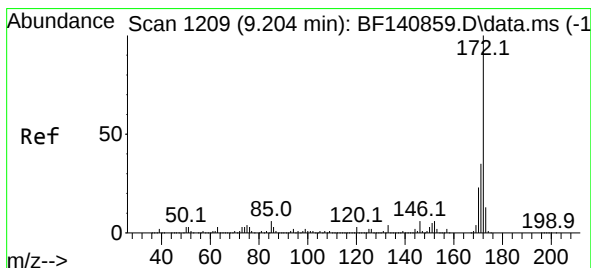
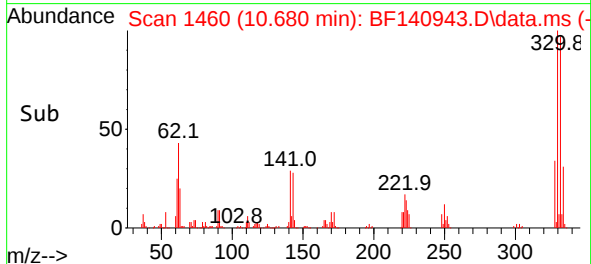
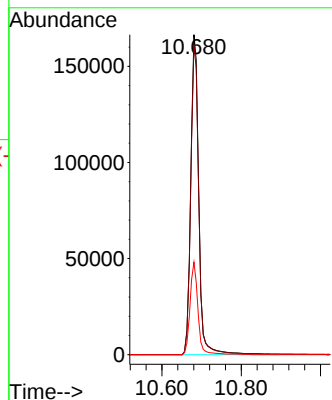
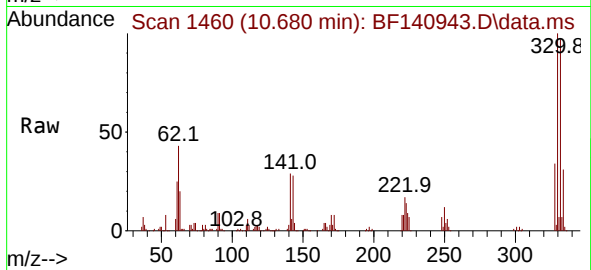
Tgt Ion:330 Resp: 235540

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 28.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 102.997 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

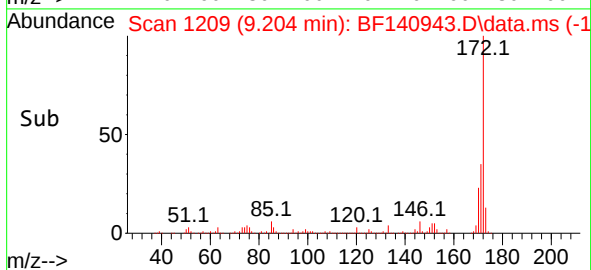
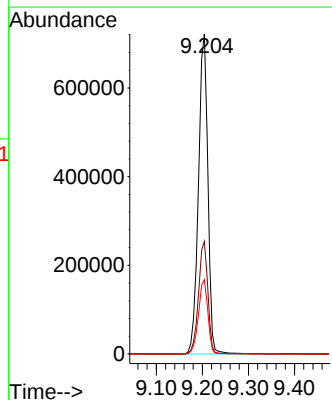
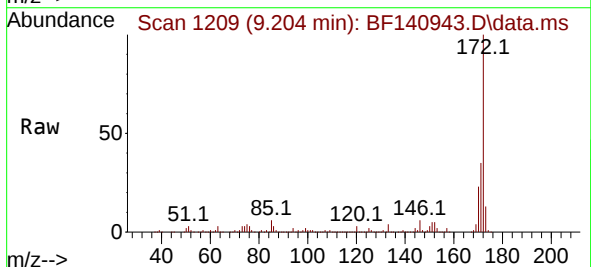
Tgt Ion:172 Resp: 1024156

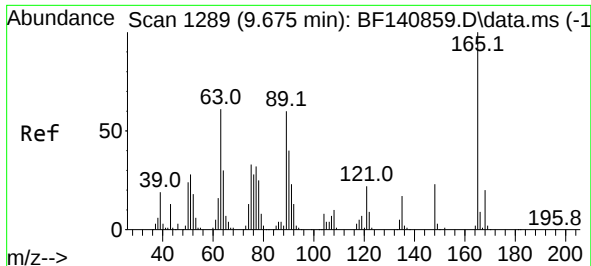
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.2 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 8.013 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB165705BL

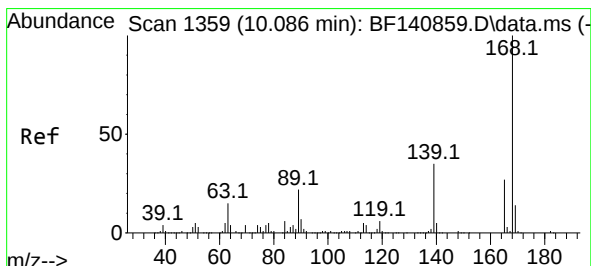
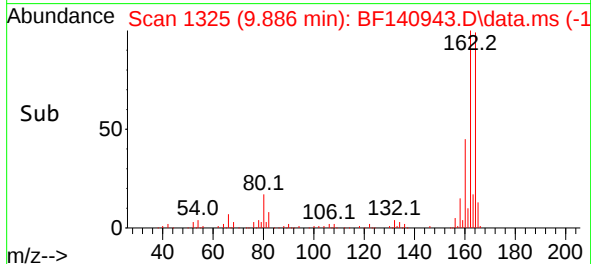
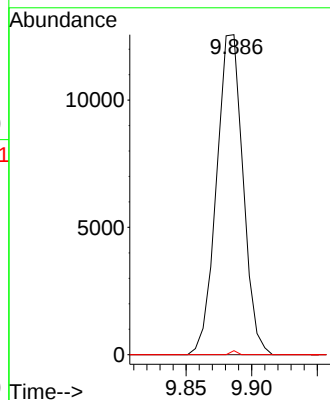
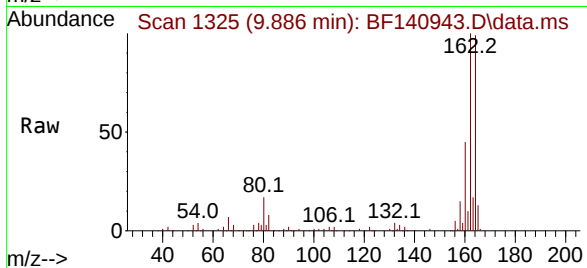
Tgt Ion:165 Resp: 17656

Ion Ratio Lower Upper

165 100

63 0.0 49.7 74.5#

89 1.3 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 6.090 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

Tgt Ion:165 Resp: 17656

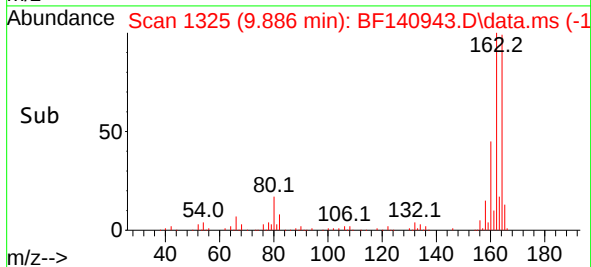
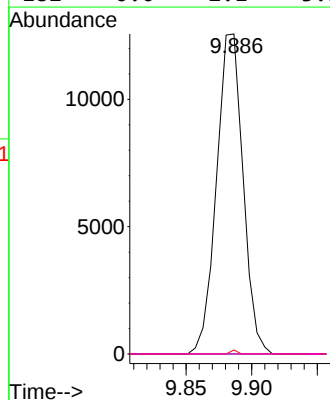
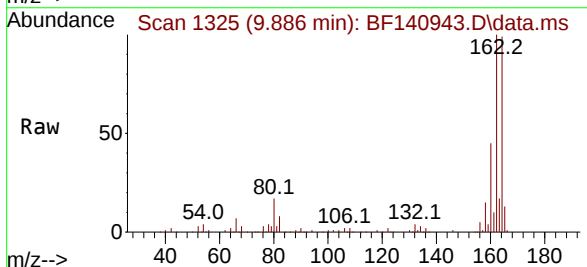
Ion Ratio Lower Upper

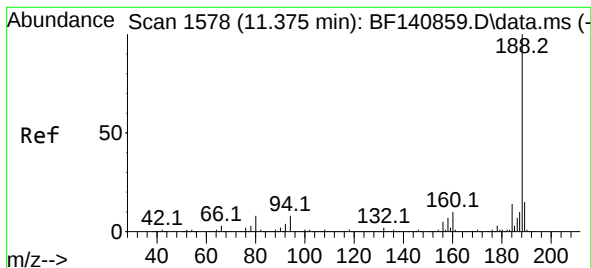
165 100

63 0.0 49.3 73.9#

89 1.3 66.2 99.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB165705BL

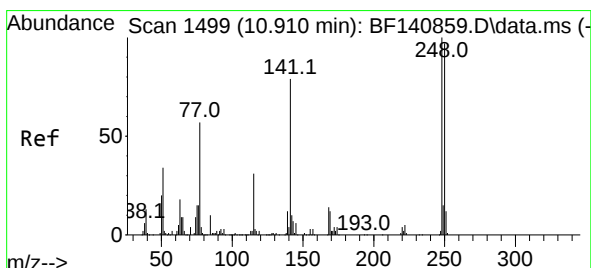
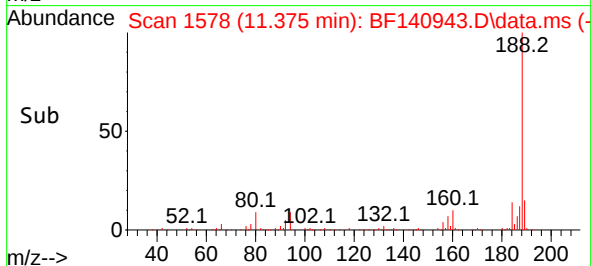
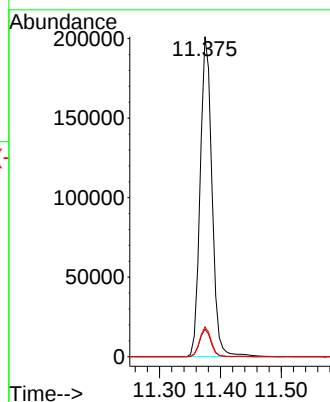
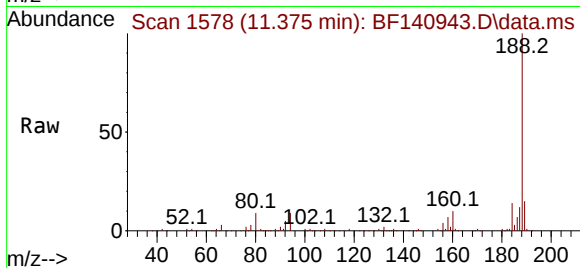
Tgt Ion:188 Resp: 270487

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.3 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.846 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.229 min

Lab File: BF140943.D

Acq: 20 Dec 2024 11:41

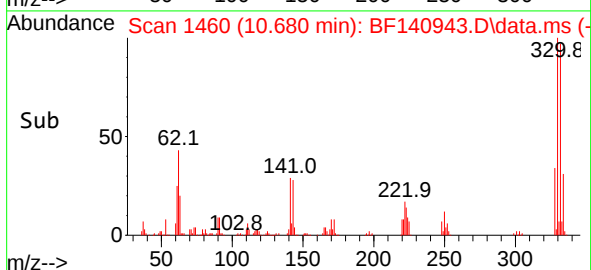
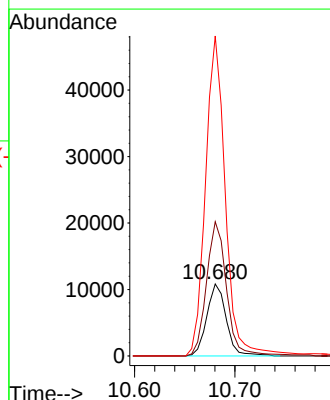
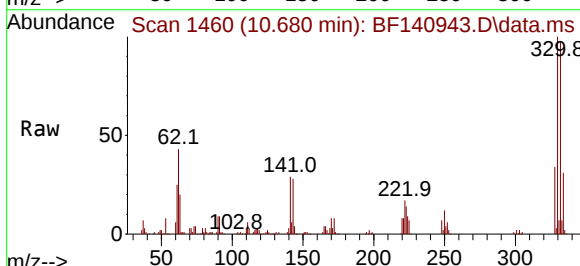
Tgt Ion:248 Resp: 14664

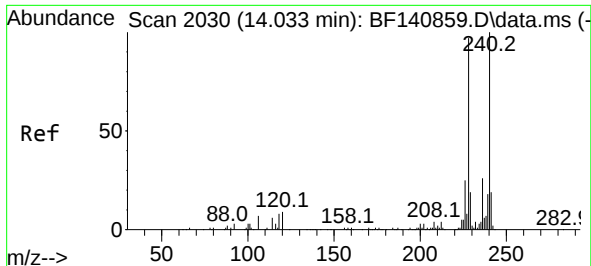
Ion Ratio Lower Upper

248 100

250 186.6 77.4 116.2#

141 444.8 62.9 94.3#

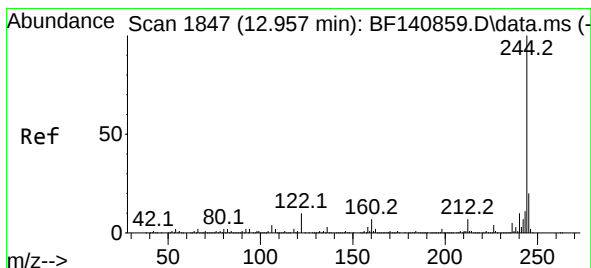
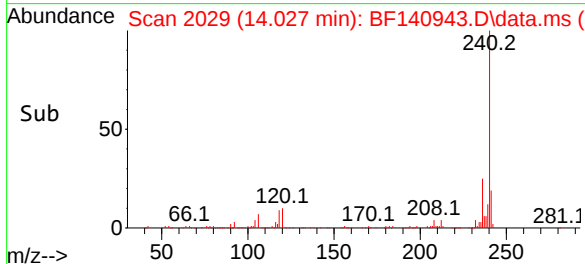
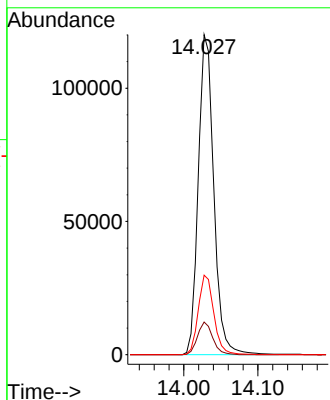
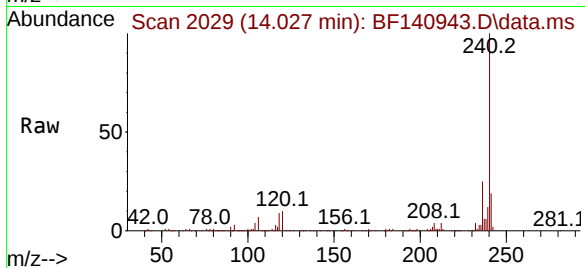




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

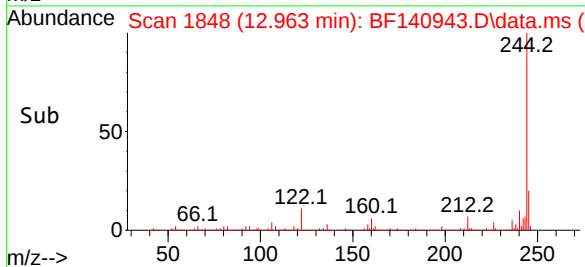
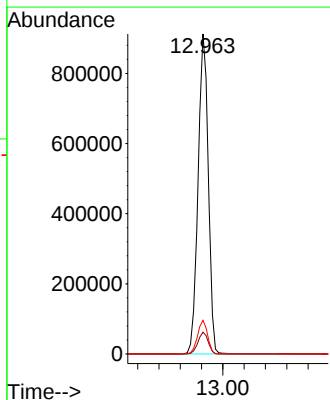
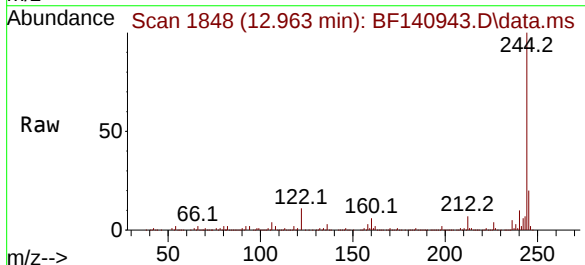
Instrument :
BNA_F
ClientSampleId :
PB165705BL

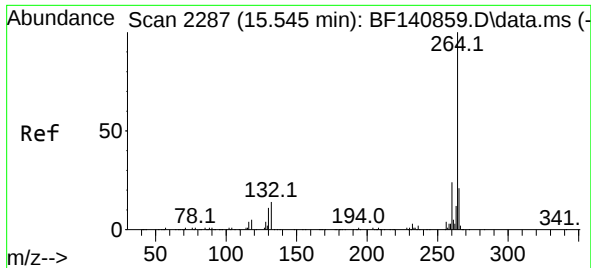
Tgt Ion:240 Resp: 174504
Ion Ratio Lower Upper
240 100
120 10.2 7.6 11.4
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 109.809 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140943.D
Acq: 20 Dec 2024 11:41

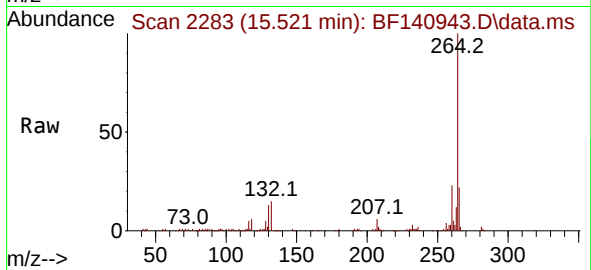
Tgt Ion:244 Resp: 1215200
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF140943.D
 Acq: 20 Dec 2024 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB165705BL



Tgt Ion:264 Resp: 118300
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.9 17.0 25.4

