

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141503.D
 Acq On : 07 Feb 2025 12:58
 Operator : RC/JU
 Sample : PB166580BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166580BL

Quant Time: Feb 07 13:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

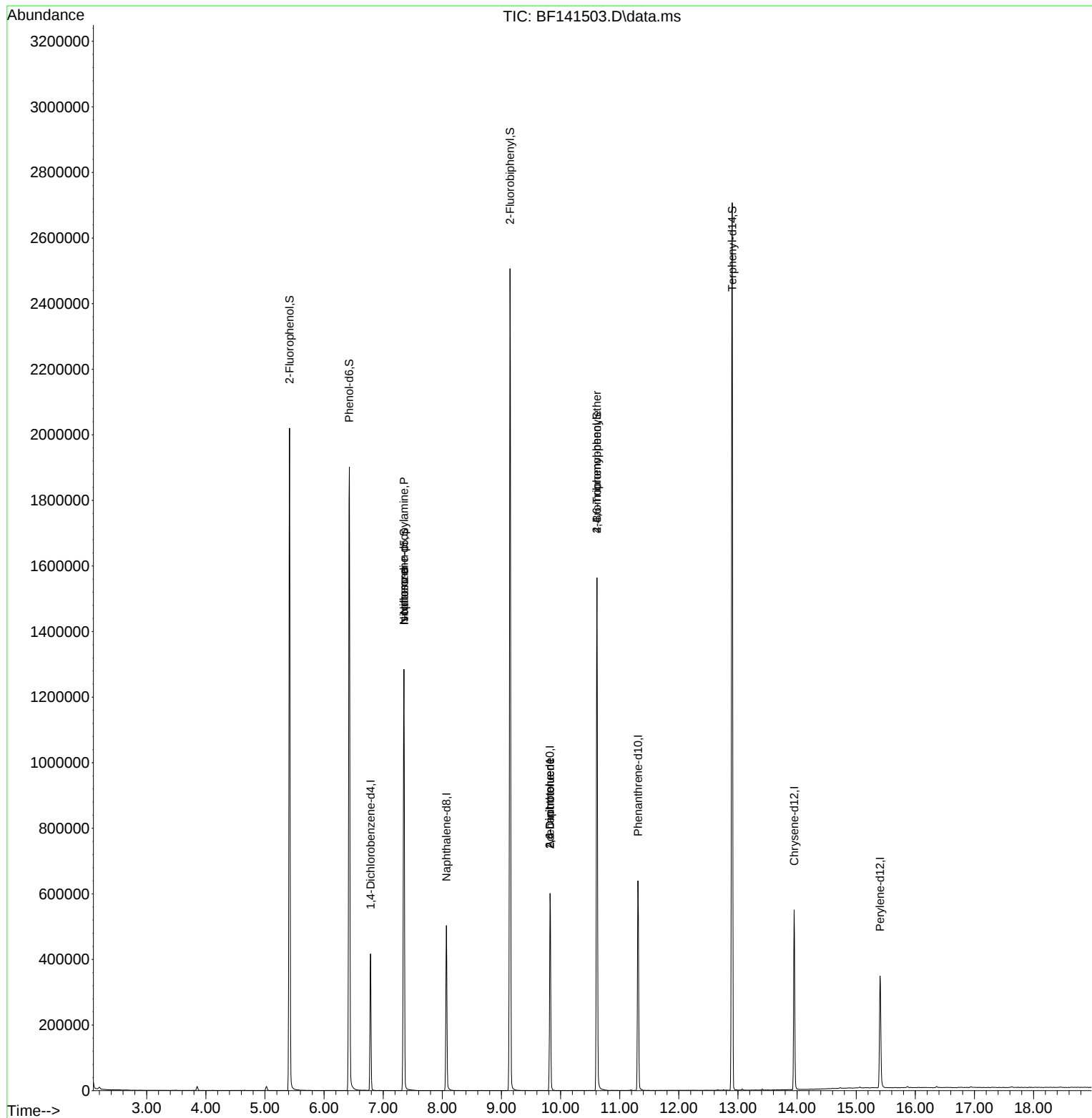
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	84409	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	333041	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186839	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	335893	20.000	ng	0.00
76) Chrysene-d12	13.951	240	273520	20.000	ng	-0.01
86) Perylene-d12	15.404	264	217062	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	720582	133.835	ng	0.00
7) Phenol-d6	6.428	99	887283	130.386	ng	-0.01
23) Nitrobenzene-d5	7.351	82	592544	92.800	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	251971	134.250	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1132957	93.422	ng	0.00
79) Terphenyl-d14	12.904	244	1382639	85.337	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	82162	20.185	ng	# 73
25) Isophorone	7.351	82	574892	56.467	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	23051	8.313	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	23051	6.245	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	17465	4.652	ng	# 1

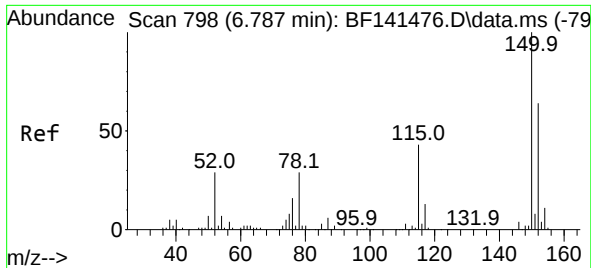
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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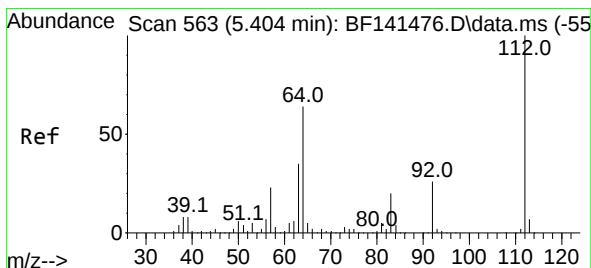
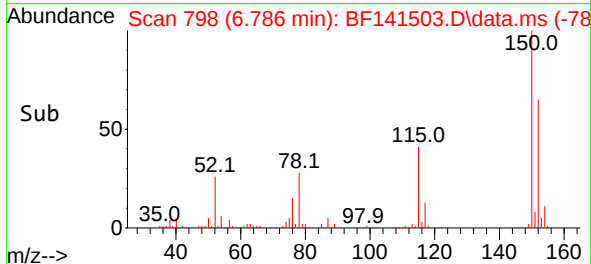
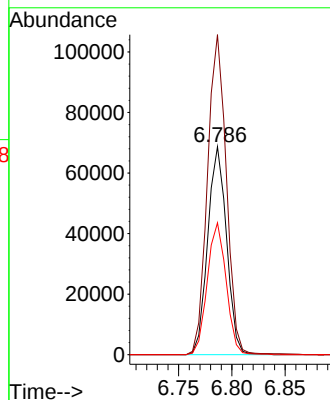
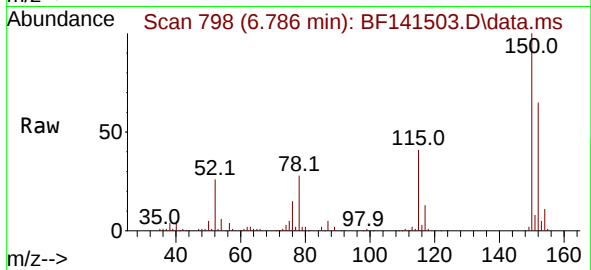




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

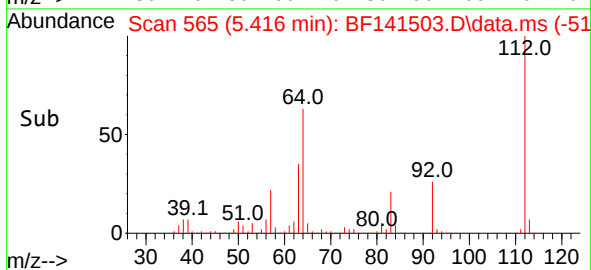
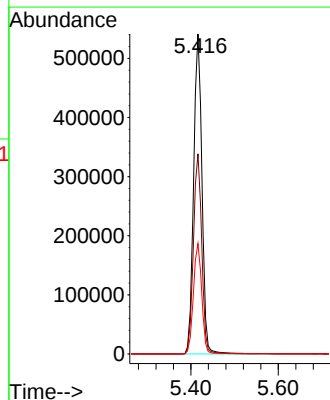
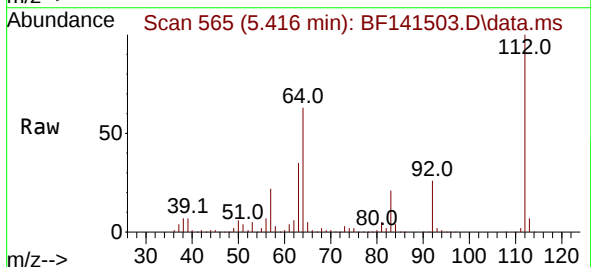
Instrument :
BNA_F
ClientSampleId :
PB166580BL

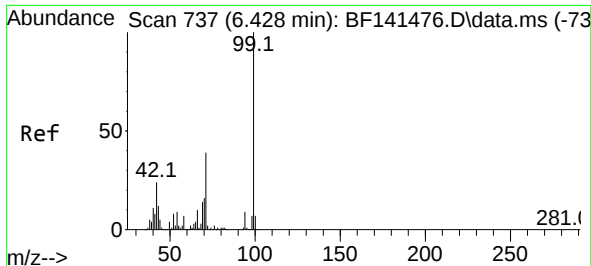
Tgt Ion:152 Resp: 84409
Ion Ratio Lower Upper
152 100
150 153.9 125.0 187.4
115 63.4 53.6 80.4



#5
2-Fluorophenol
Concen: 133.835 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

Tgt Ion:112 Resp: 720582
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 34.5 28.4 42.6

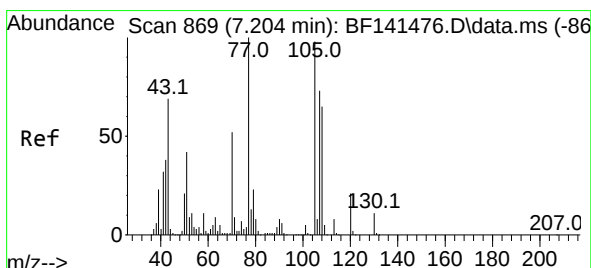
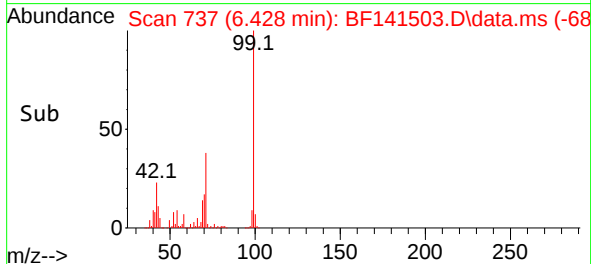
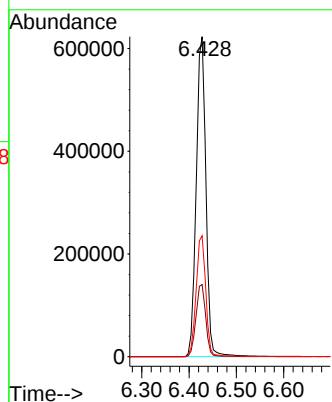
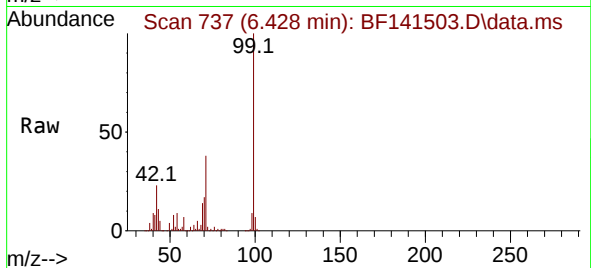




#7
Phenol-d6
Concen: 130.386 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

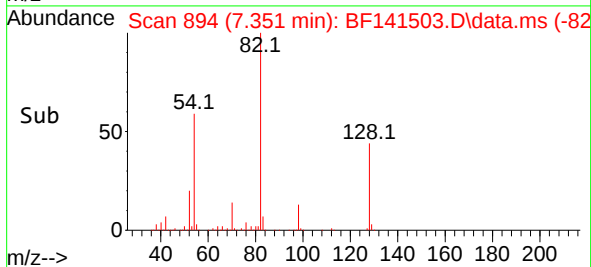
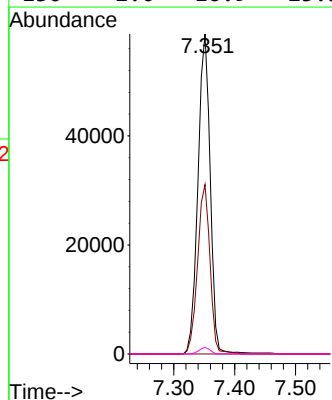
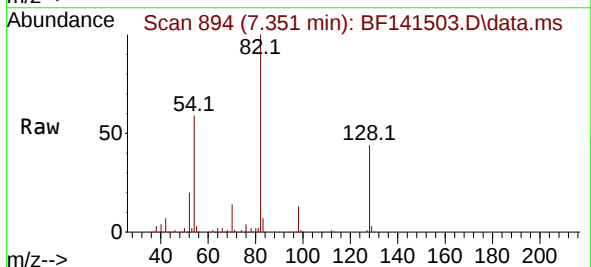
Instrument :
BNA_F
ClientSampleId :
PB166580BL

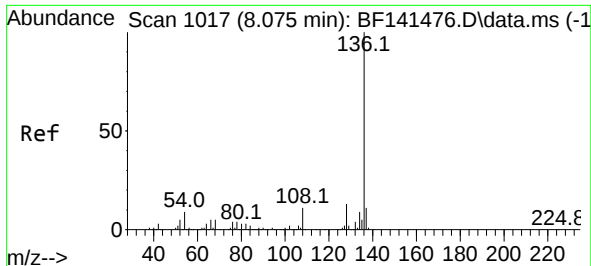
Tgt Ion: 99 Resp: 887283
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 37.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.185 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

Tgt Ion: 70 Resp: 82162
Ion Ratio Lower Upper
70 100
42 52.9 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

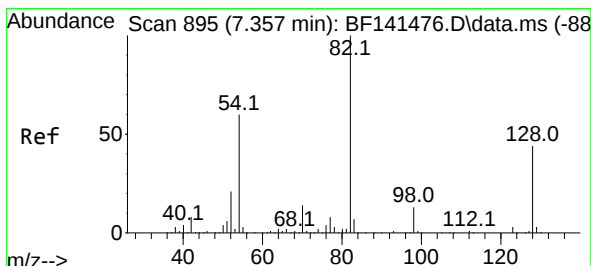
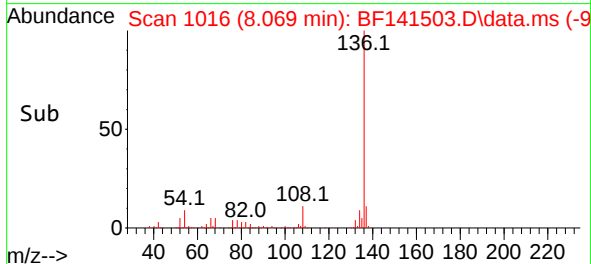
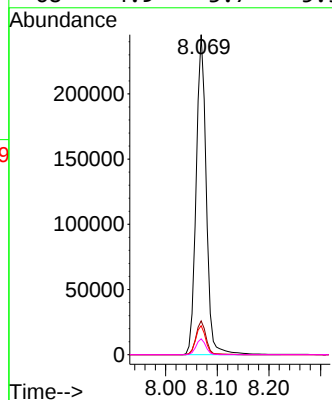
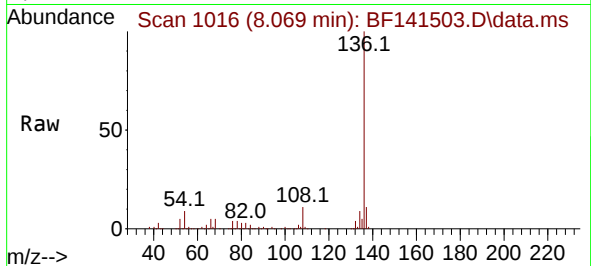




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

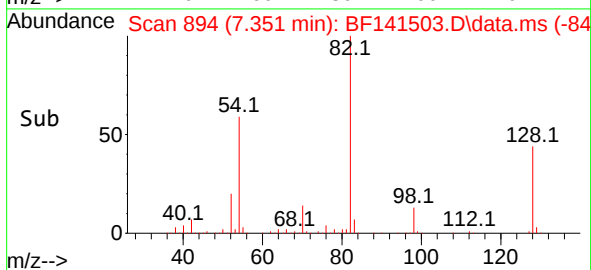
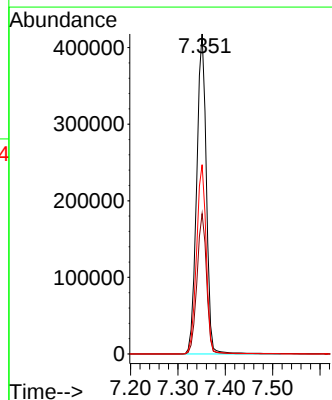
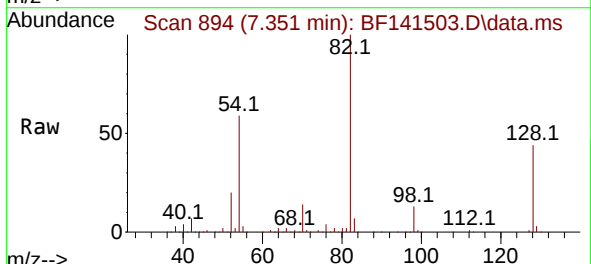
Instrument :
BNA_F
ClientSampleId :
PB166580BL

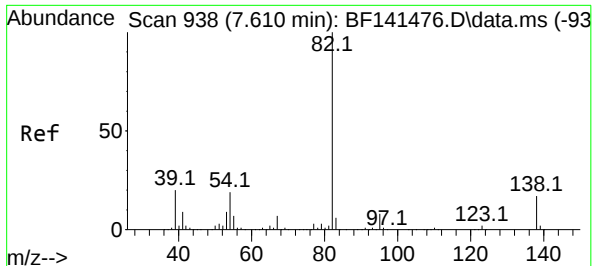
Tgt Ion:136 Resp: 333041
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.2 10.8
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 92.800 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

Tgt Ion: 82 Resp: 592544
Ion Ratio Lower Upper
82 100
128 43.9 34.8 52.2
54 59.1 48.2 72.4

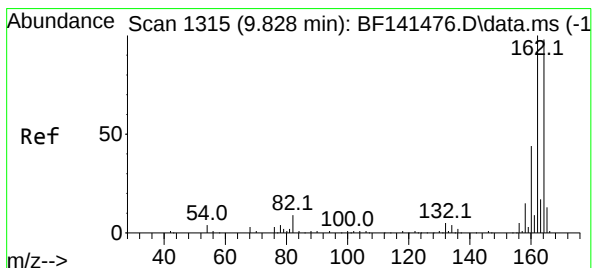
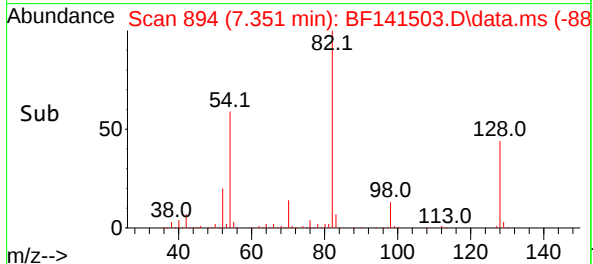
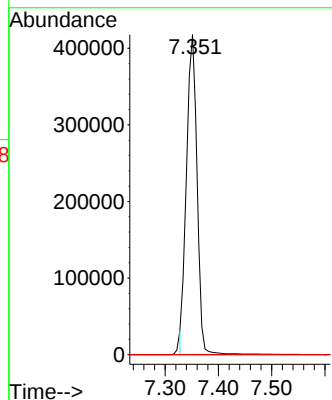
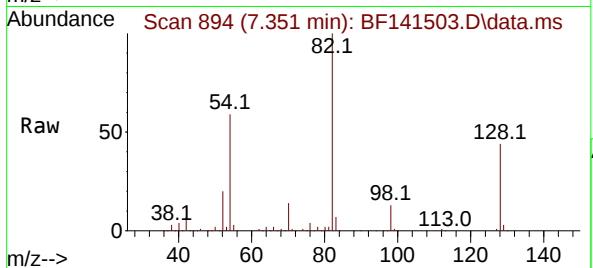




#25
Isophorone
Concen: 56.467 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

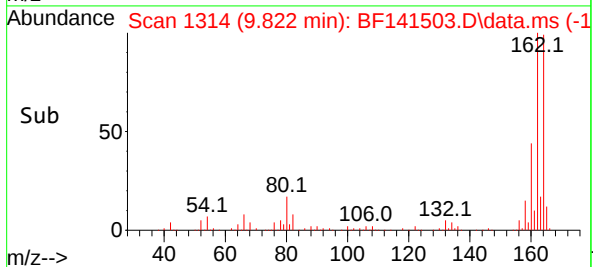
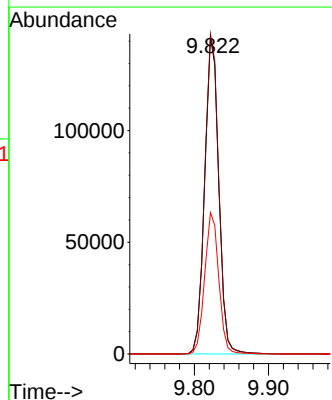
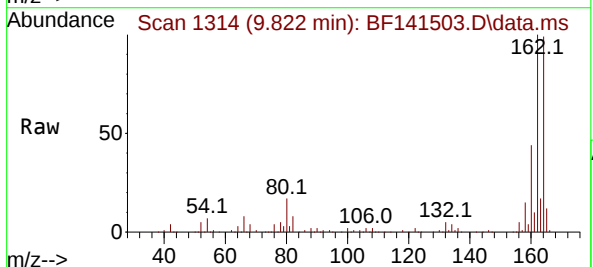
Instrument :
BNA_F
ClientSampleId :
PB166580BL

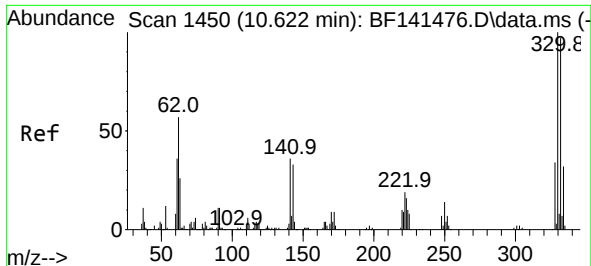
Tgt Ion: 82 Resp: 574892
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

Tgt Ion:164 Resp: 186839
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 134.250 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141503.D

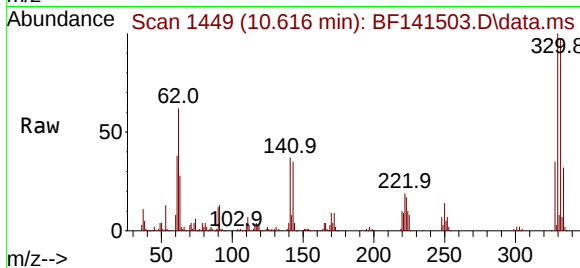
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Instrument :

BNA_F

ClientSampleId :

PB166580BL



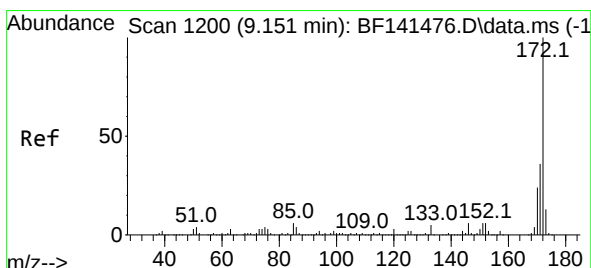
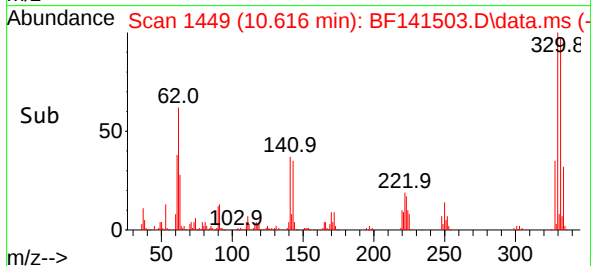
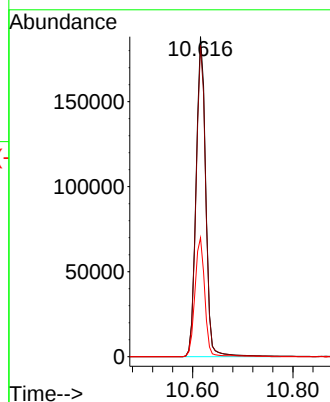
Tgt Ion:330 Resp: 251971

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 37.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.422 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141503.D

Acq: 07 Feb 2025 12:58

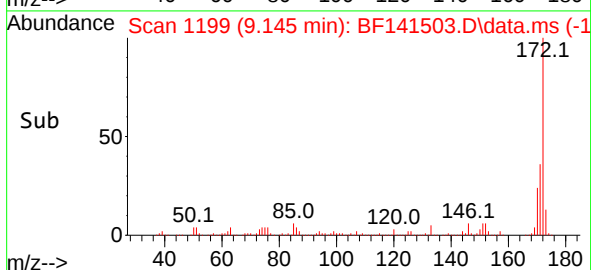
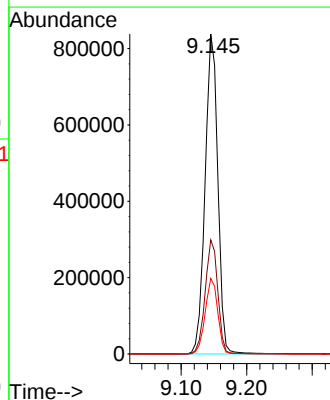
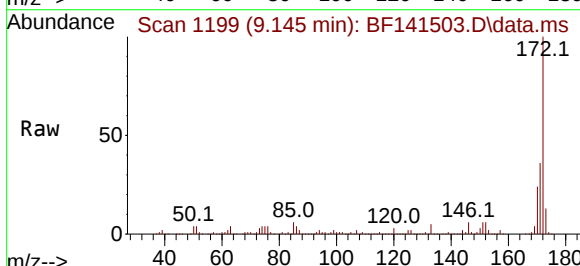
Tgt Ion:172 Resp: 1132957

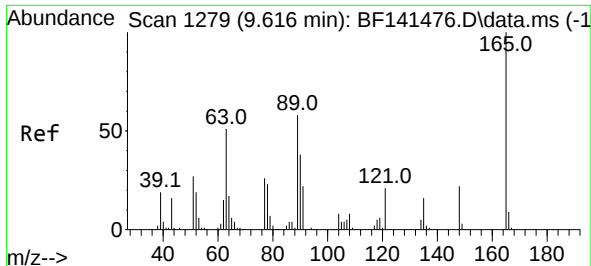
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.6 18.9 28.3

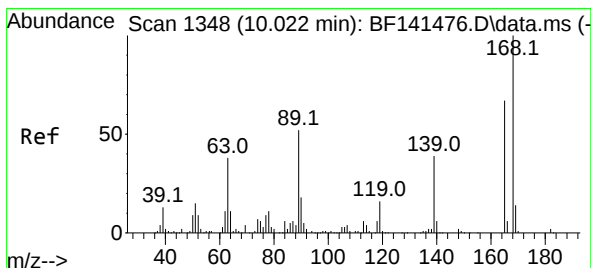
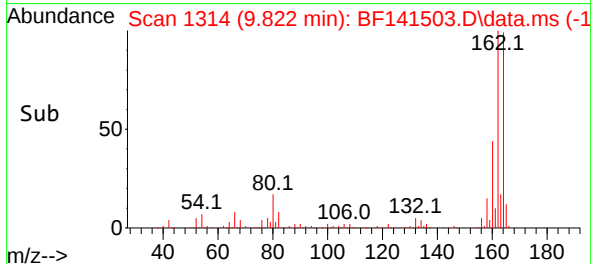
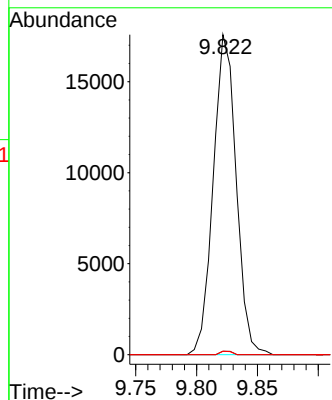
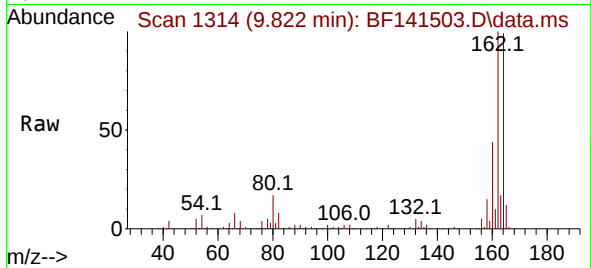




#51
2,6-Dinitrotoluene
Concen: 8.313 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

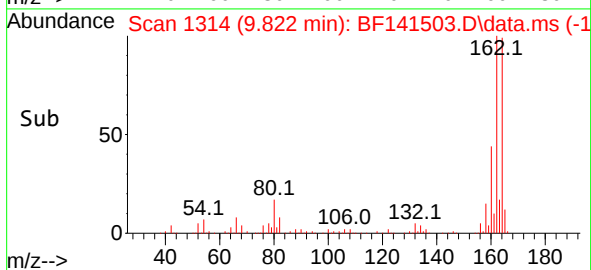
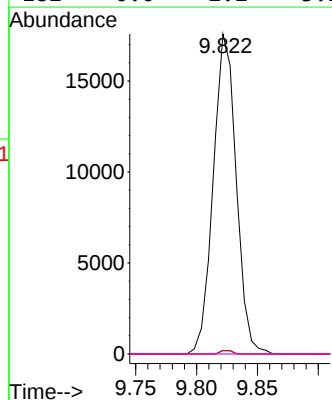
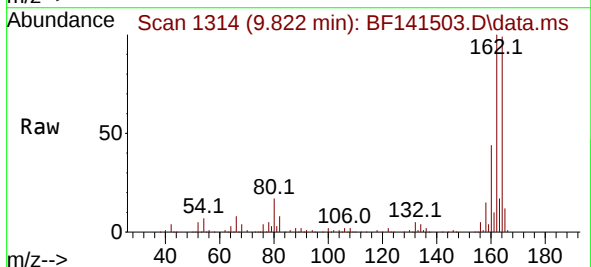
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PB166580BL

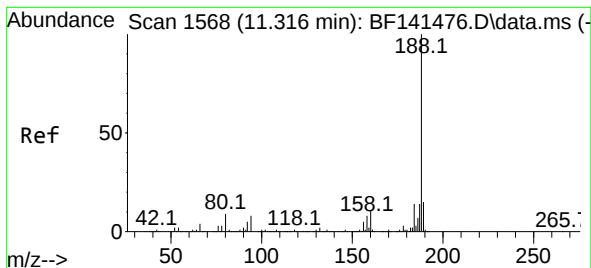
Tgt Ion:165 Resp: 23051
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.1 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.245 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

Tgt Ion:165 Resp: 23051
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.1 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141503.D

Acq: 07 Feb 2025 12:58

Instrument :

BNA_F

ClientSampleId :

PB166580BL

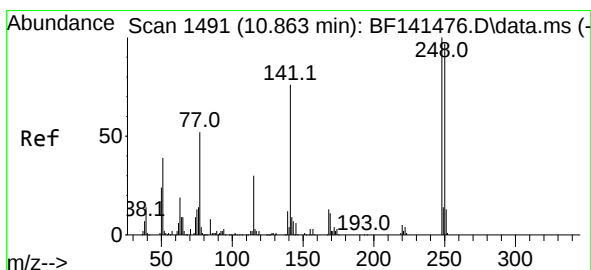
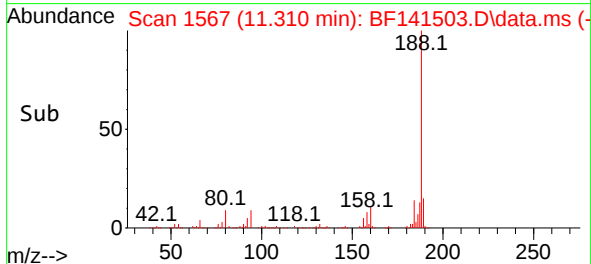
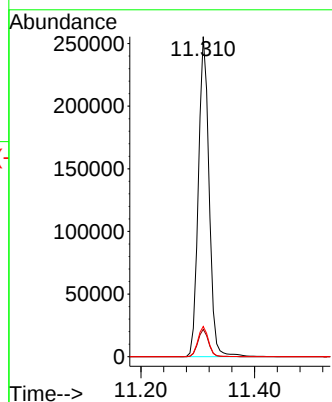
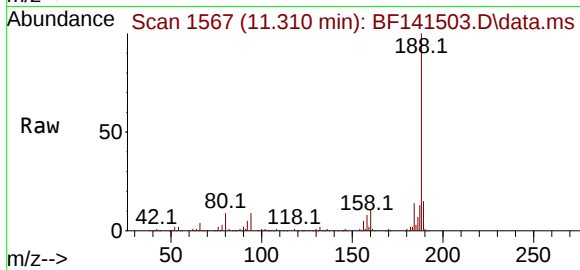
Tgt Ion:188 Resp: 335893

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.652 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF141503.D

Acq: 07 Feb 2025 12:58

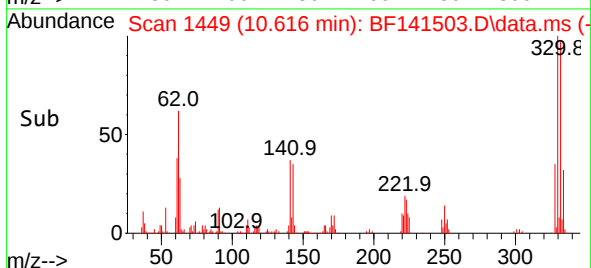
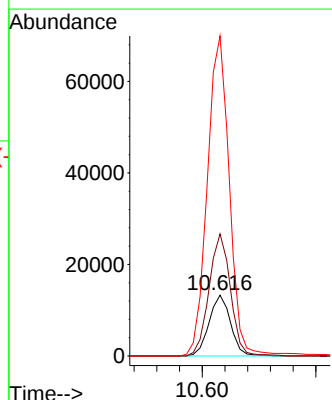
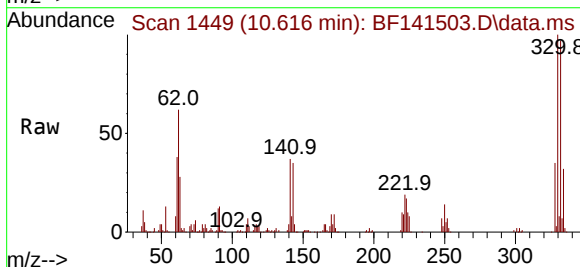
Tgt Ion:248 Resp: 17465

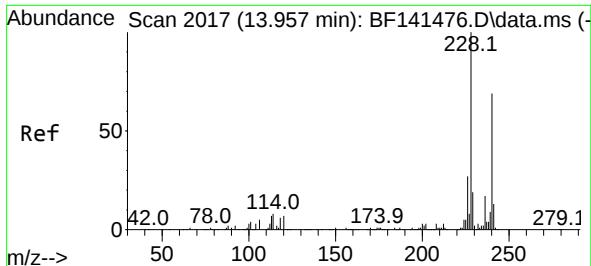
Ion Ratio Lower Upper

248 100

250 200.6 77.8 116.6#

141 525.7 60.6 90.8#

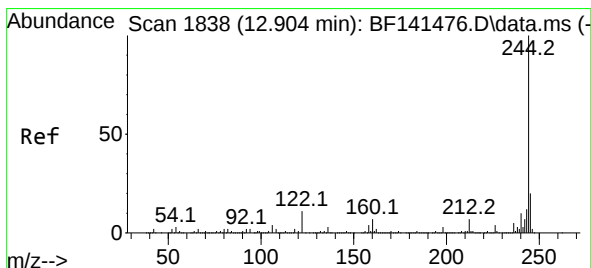
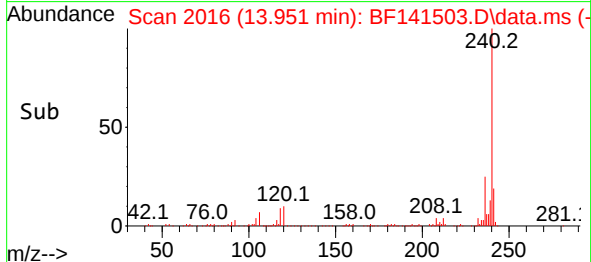
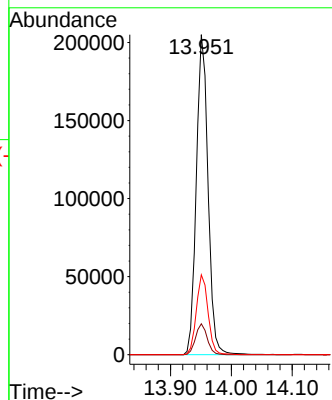
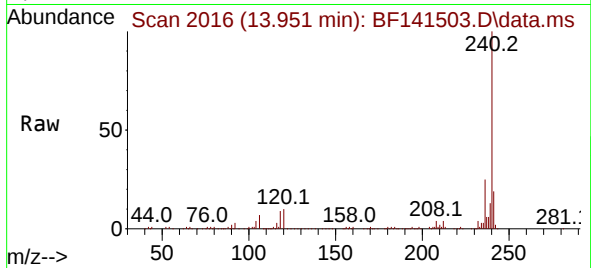




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

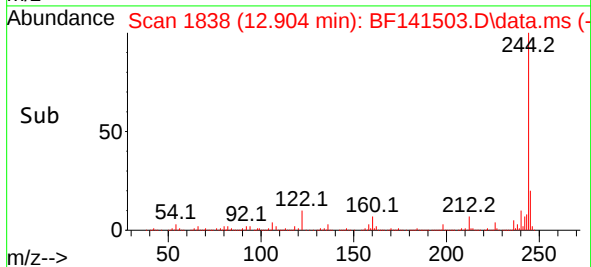
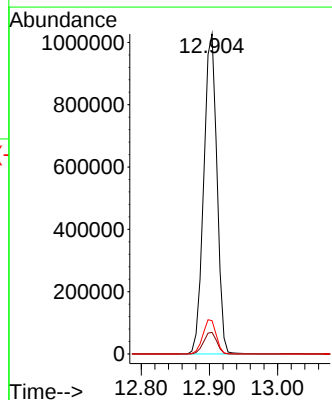
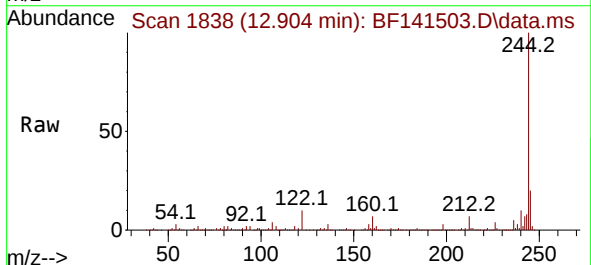
Instrument :
BNA_F
ClientSampleId :
PB166580BL

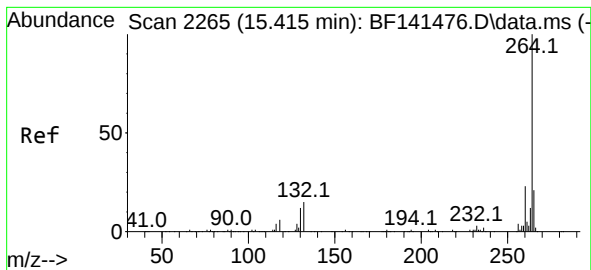
Tgt Ion:240 Resp: 273520
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.0 19.8 29.8



#79
Terphenyl-d14
Concen: 85.337 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141503.D
Acq: 07 Feb 2025 12:58

Tgt Ion:244 Resp: 1382639
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.4 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141503.D

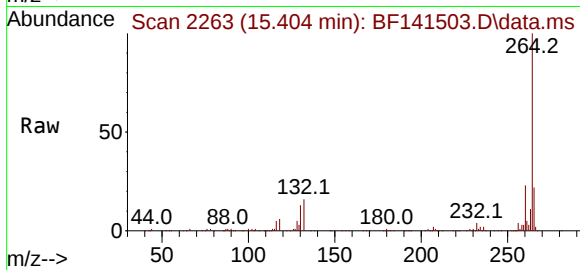
Acq: 07 Feb 2025 12:58

Instrument :

BNA_F

ClientSampleId :

PB166580BL



Tgt Ion:264 Resp: 217062

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.5 17.0 25.4

