

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
 Data File : BN028503.D
 Acq On : 08 Nov 2023 17:20
 Operator : MA/JU
 Sample : 05096-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-5

Quant Time: Nov 08 17:53:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 00:27:19 2023
 Response via : Initial Calibration

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

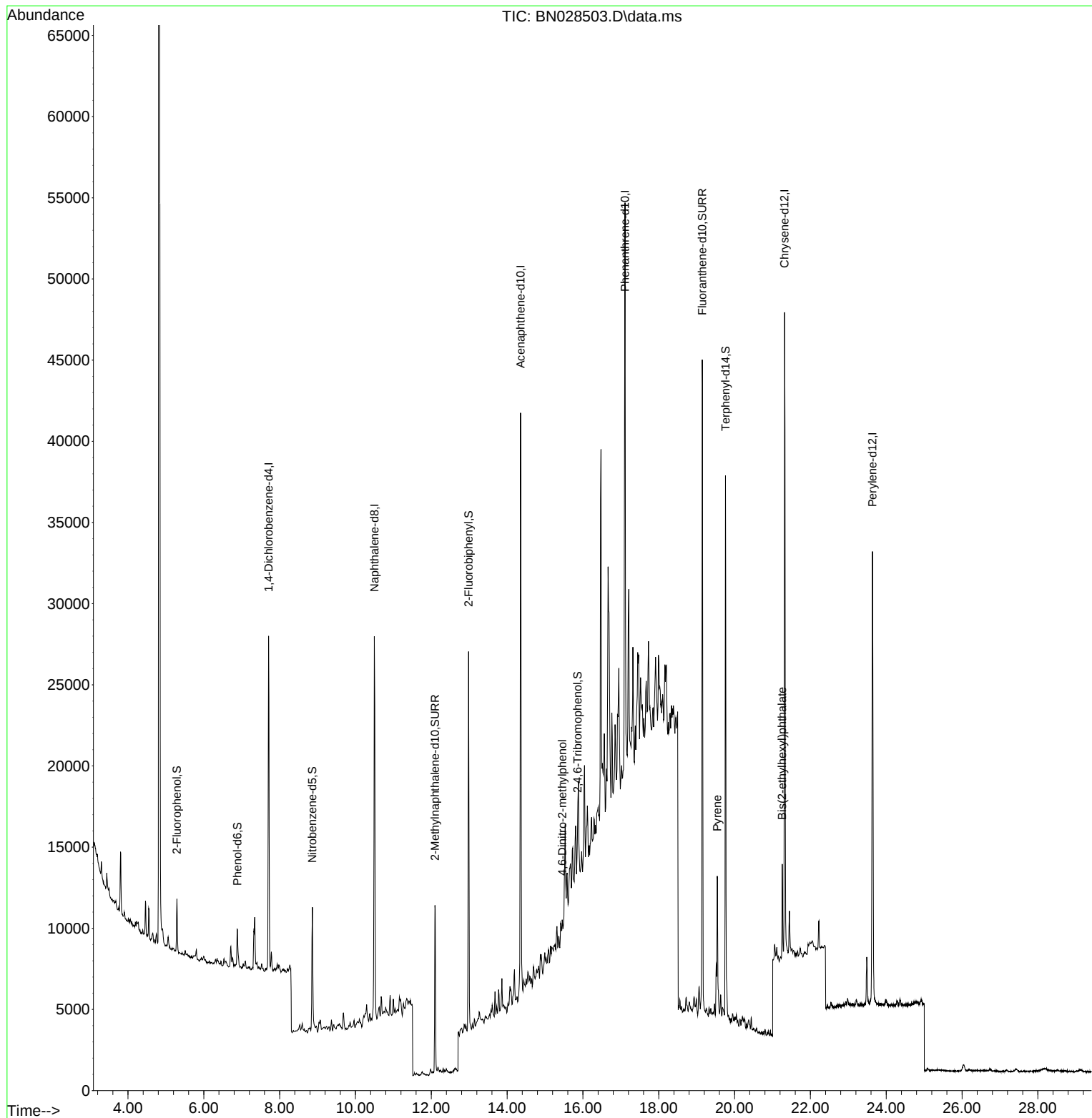
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	9860	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	31110	0.400	ng	#-0.01
13) Acenaphthene-d10	14.353	164	21149	0.400	ng	-0.01
19) Phenanthrene-d10	17.109	188	45778	0.400	ng	0.00
29) Chrysene-d12	21.320	240	37255	0.400	ng	# 0.00
35) Perylene-d12	23.637	264	37000	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2632	0.089	ng	0.00
5) Phenol-d6	6.886	99	2377	0.063	ng	0.00
8) Nitrobenzene-d5	8.864	82	6243	0.225	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	14156	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	1212	0.102	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	19880	0.214	ng	0.00
27) Fluoranthene-d10	19.148	212	44753	0.320	ng	0.00
31) Terphenyl-d14	19.761	244	30240	0.305	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.454	198	60	0.185	ng	# 1
30) Pyrene	19.543	202	8701	0.049	ng	98
34) Bis(2-ethylhexyl)phtha...	21.257	149	5092	0.053	ng	# 99

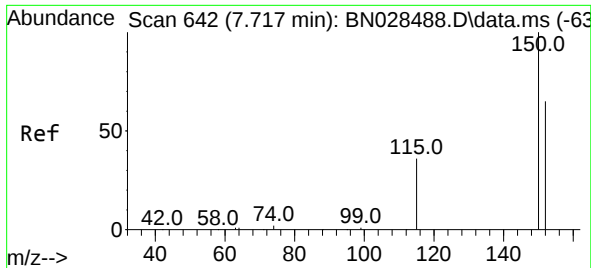
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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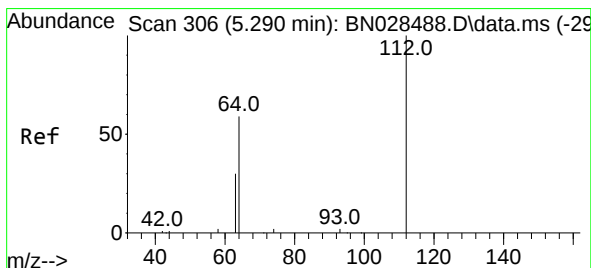
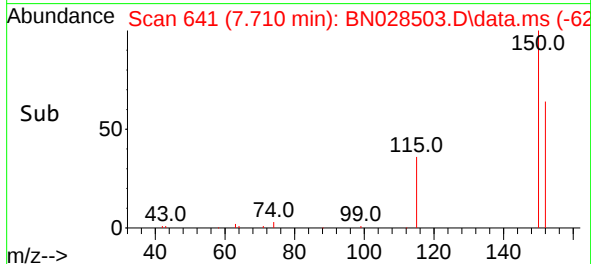
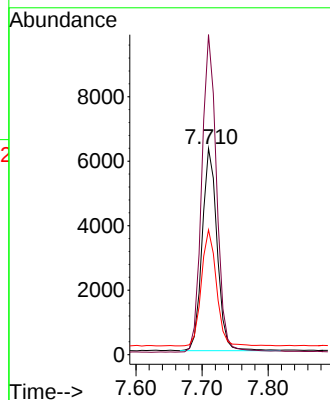
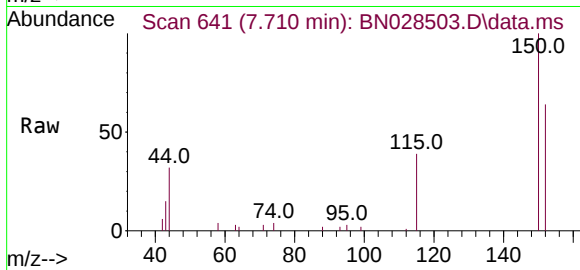




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 641
 Delta R.T. -0.007 min
 Lab File: BN028503.D
 Acq: 08 Nov 2023 17:20

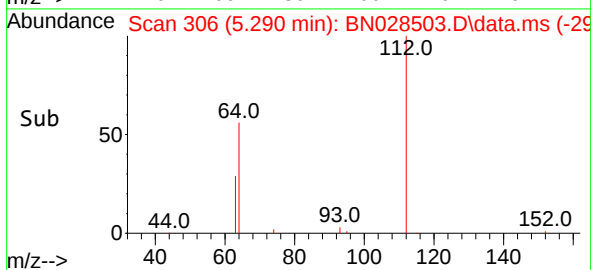
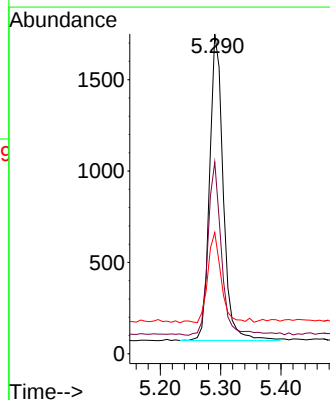
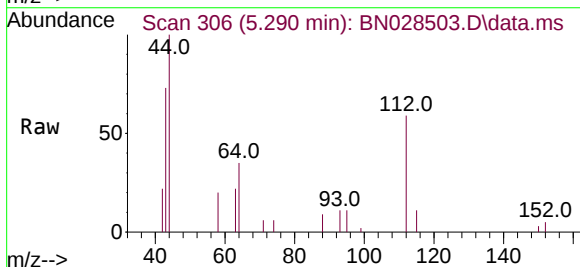
Instrument :
 BNA_N
 ClientSampleId :
 MW-5

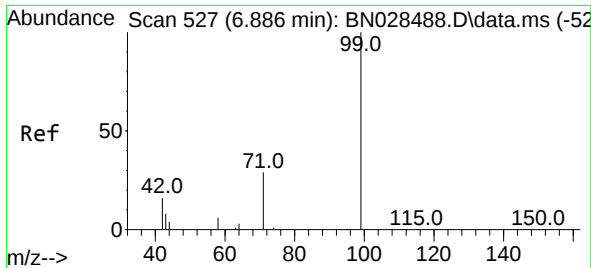
Tgt Ion:152 Resp: 9860
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.5 183.7
 115 60.5 47.5 71.3



#4
 2-Fluorophenol
 Concen: 0.089 ng
 RT: 5.290 min Scan# 306
 Delta R.T. -0.000 min
 Lab File: BN028503.D
 Acq: 08 Nov 2023 17:20

Tgt Ion:112 Resp: 2632
 Ion Ratio Lower Upper
 112 100
 64 55.4 44.6 67.0
 63 28.9 23.3 34.9

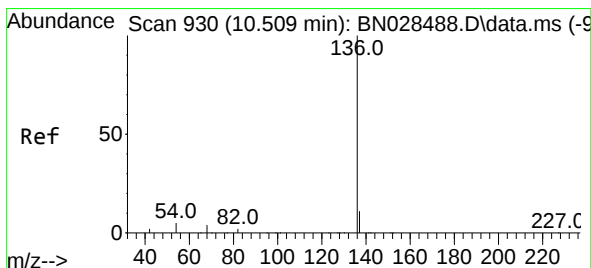
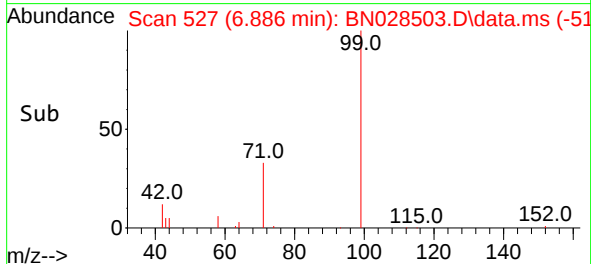
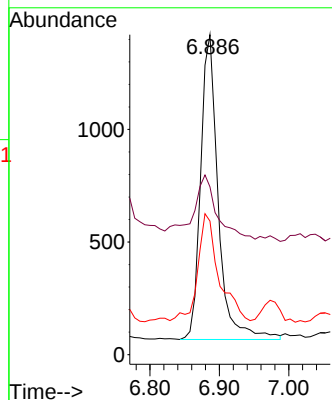
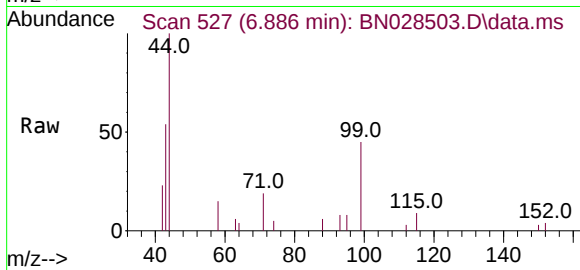




#5
Phenol-d6
Concen: 0.063 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

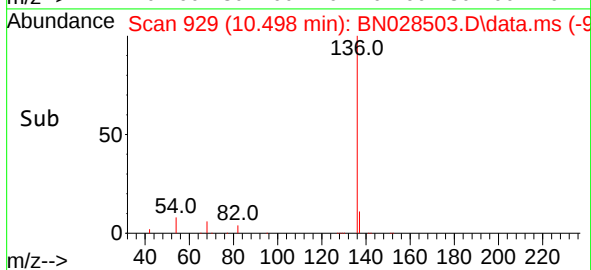
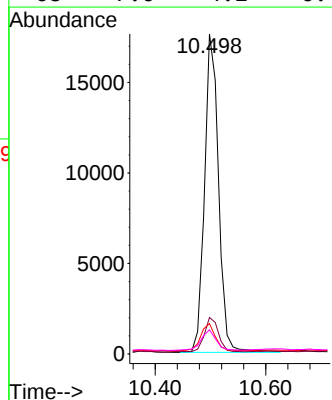
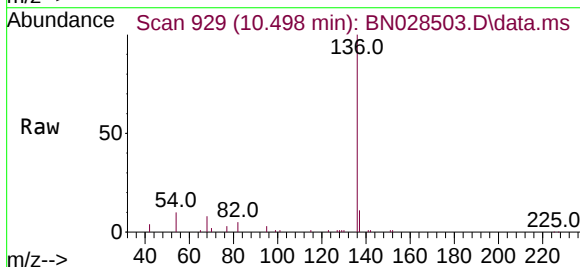
Instrument :
BNA_N
ClientSampleId :
MW-5

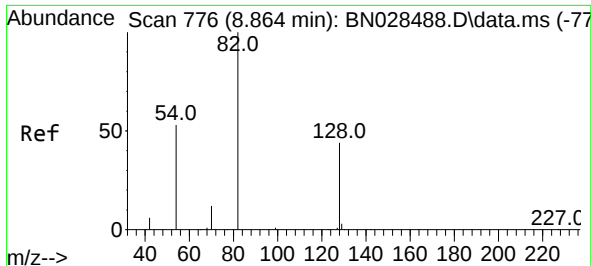
Tgt Ion: 99 Resp: 2377
Ion Ratio Lower Upper
99 100
42 29.0 15.8 23.8#
71 41.9 25.1 37.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

Tgt Ion: 136 Resp: 31110
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.5 5.1 7.7#
68 7.6 4.2 6.4#

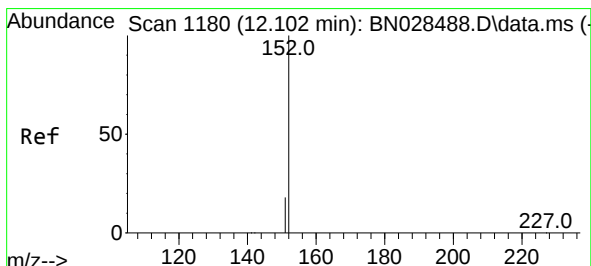
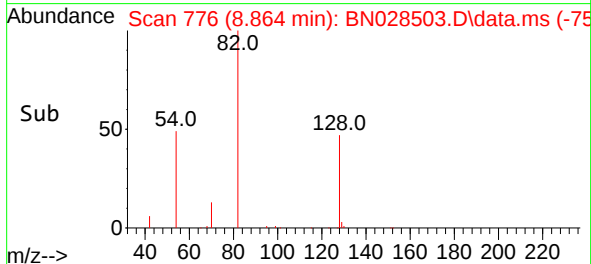
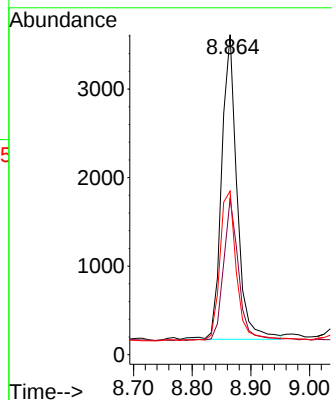
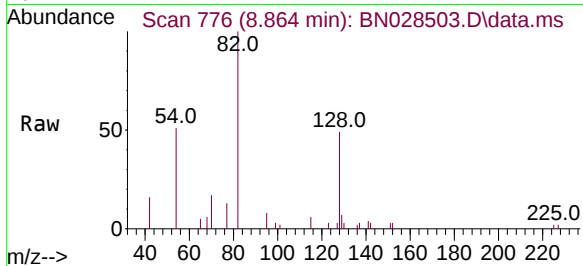




#8
 Nitrobenzene-d5
 Concen: 0.225 ng
 RT: 8.864 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: BN028503.D
 Acq: 08 Nov 2023 17:20

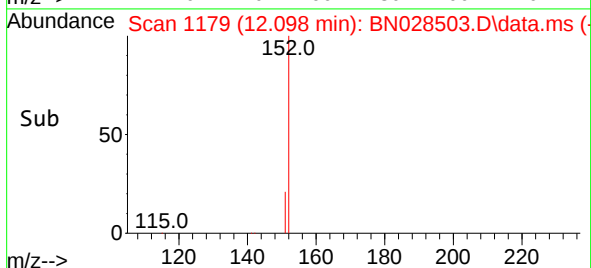
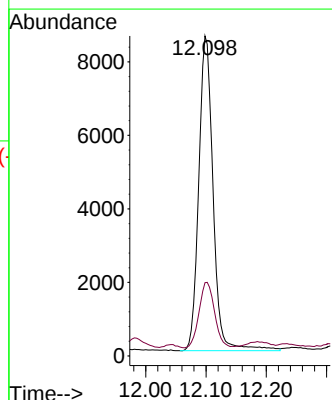
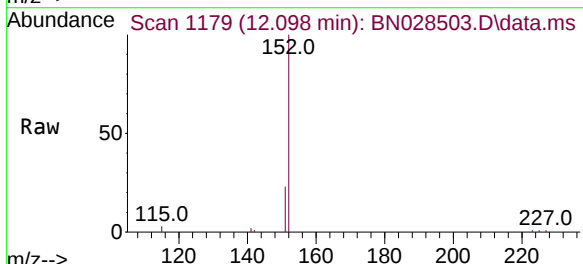
Instrument :
 BNA_N
 ClientSampleId :
 MW-5

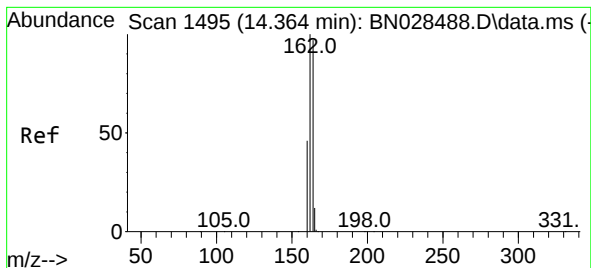
Tgt Ion: 82 Resp: 6243
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.5 54.7
 54 51.1 43.8 65.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.262 ng
 RT: 12.098 min Scan# 1179
 Delta R.T. -0.004 min
 Lab File: BN028503.D
 Acq: 08 Nov 2023 17:20

Tgt Ion: 152 Resp: 14156
 Ion Ratio Lower Upper
 152 100
 151 23.1 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.353 min Scan# 1494

Delta R.T. -0.011 min

Lab File: BN028503.D

Acq: 08 Nov 2023 17:20

Instrument :

BNA_N

ClientSampleId :

MW-5

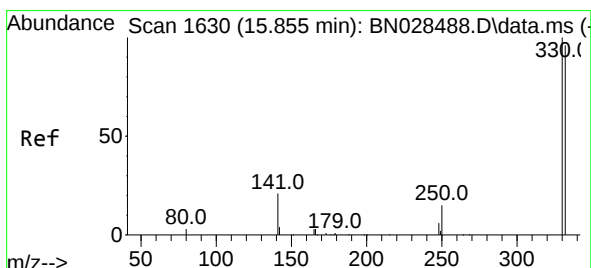
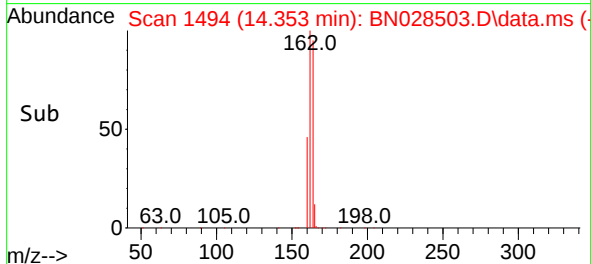
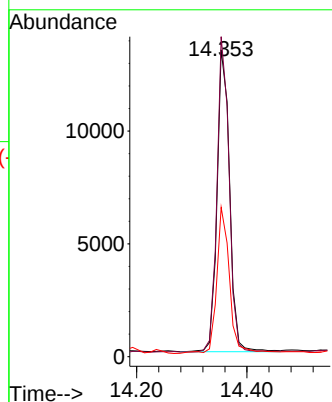
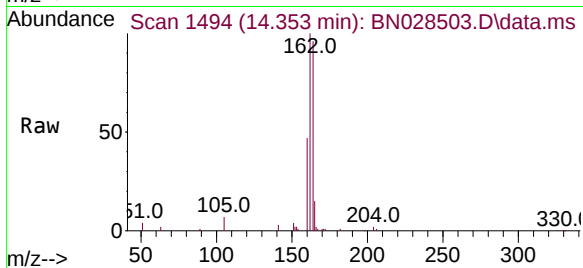
Tgt Ion:164 Resp: 21149

Ion Ratio Lower Upper

164 100

162 104.2 82.5 123.7

160 48.6 38.1 57.1



#14

2,4,6-Tribromophenol

Concen: 0.102 ng

RT: 15.855 min Scan# 1630

Delta R.T. -0.000 min

Lab File: BN028503.D

Acq: 08 Nov 2023 17:20

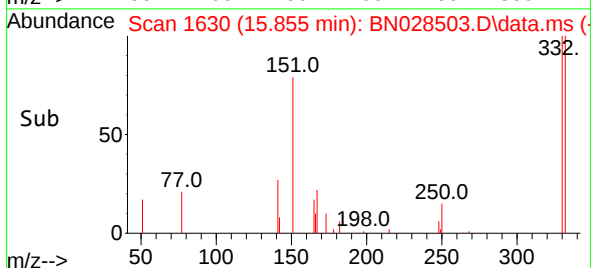
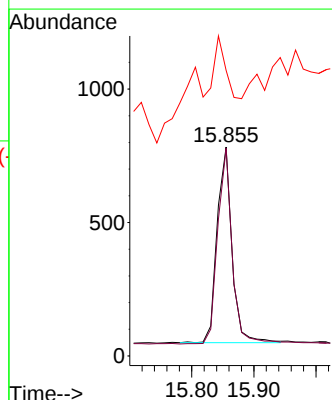
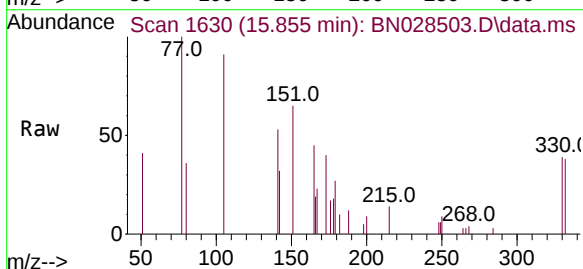
Tgt Ion:330 Resp: 1212

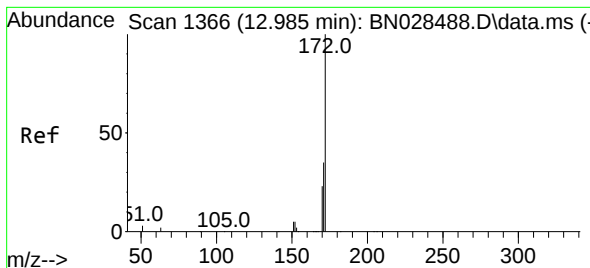
Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.4

141 30.2 32.6 49.0#





#15

2-Fluorobiphenyl

Concen: 0.214 ng

RT: 12.985 min Scan# 1366

Delta R.T. -0.000 min

Lab File: BN028503.D

Acq: 08 Nov 2023 17:20

Instrument :

BNA_N

ClientSampleId :

MW-5

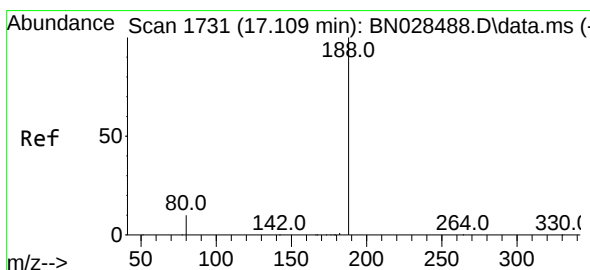
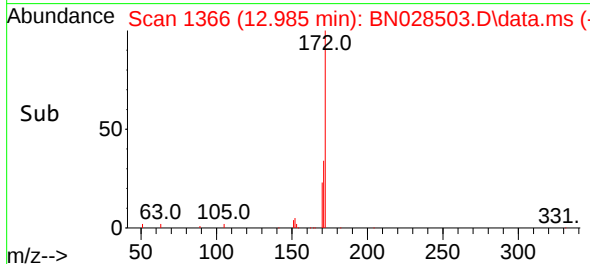
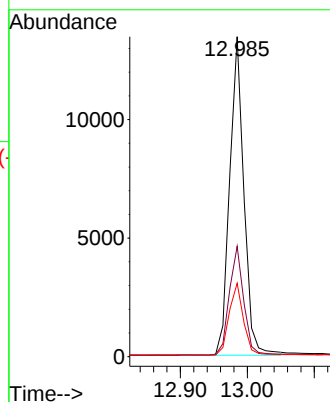
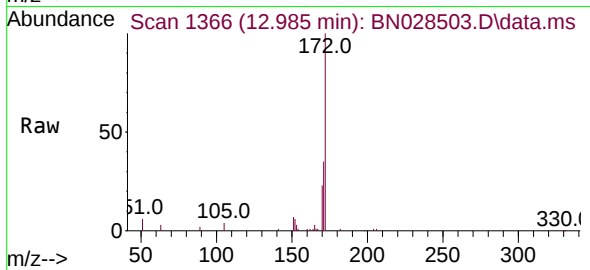
Tgt Ion:172 Resp: 19880

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 22.9 18.9 28.3



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.109 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BN028503.D

Acq: 08 Nov 2023 17:20

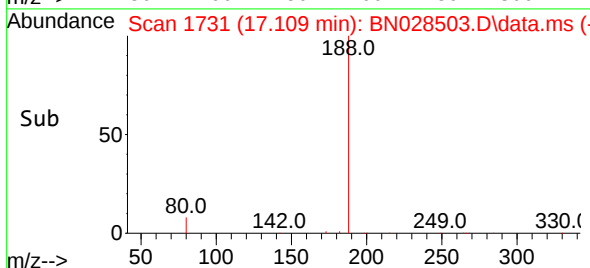
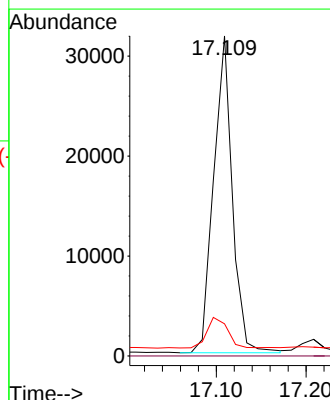
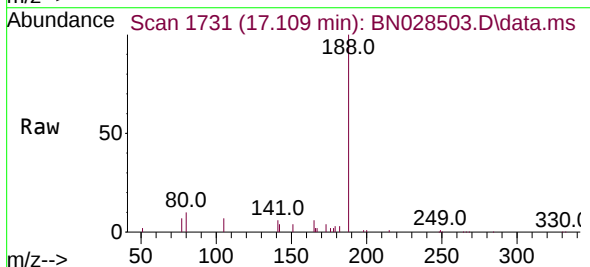
Tgt Ion:188 Resp: 45778

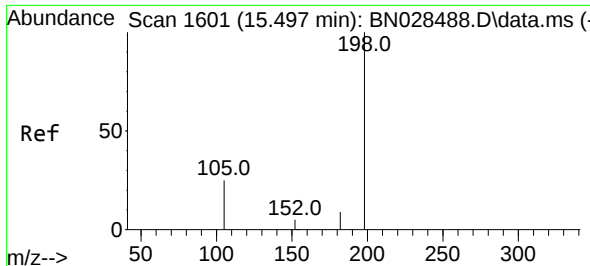
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 8.3 12.5

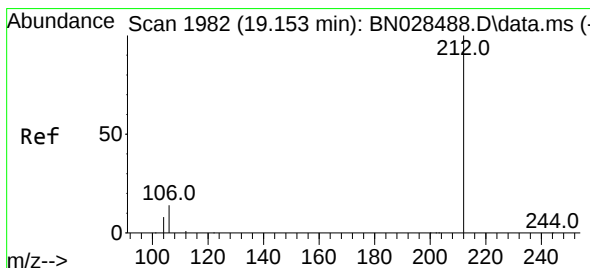
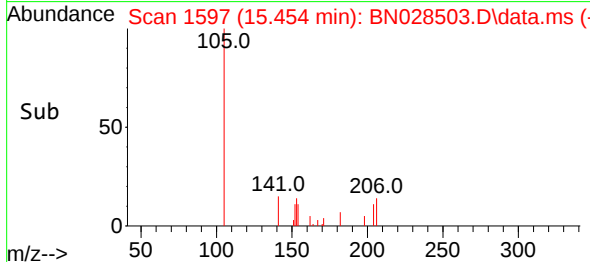
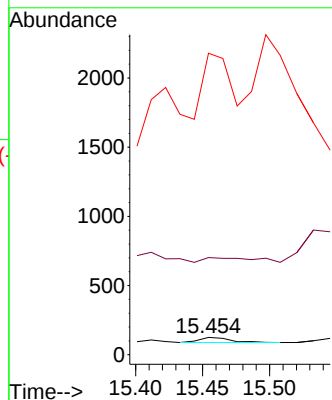
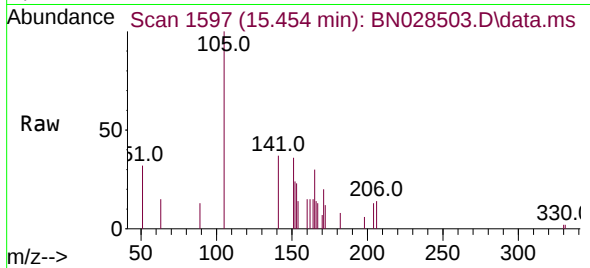




#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.454 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

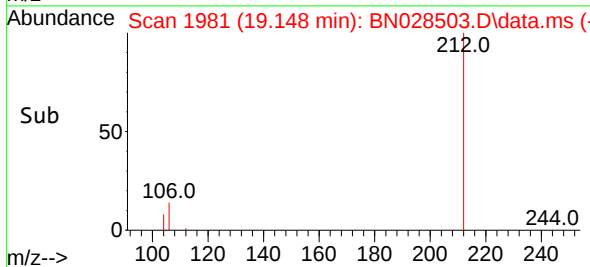
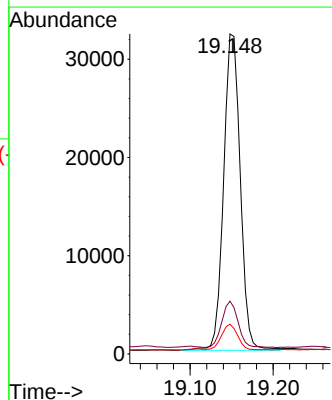
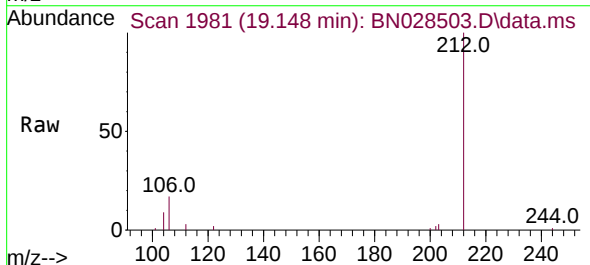
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MW-5

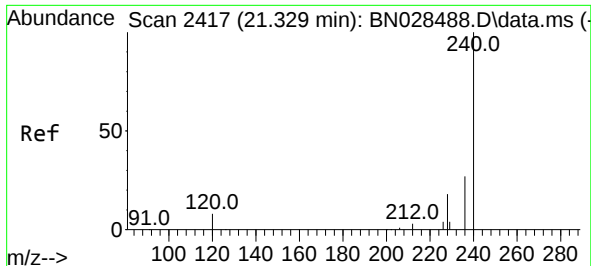
Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
51 561.6 42.1 63.1#
105 1743.2 32.6 48.8#



#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.148 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

Tgt Ion:212 Resp: 44753
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 7.8 6.4 9.6

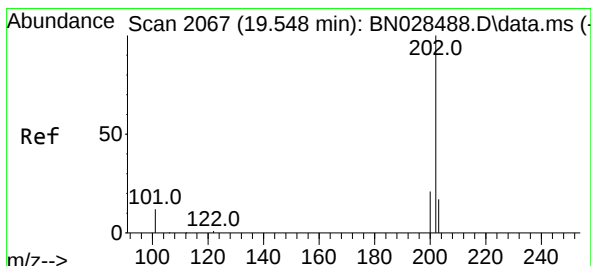
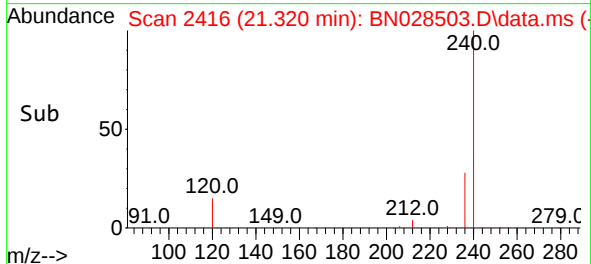
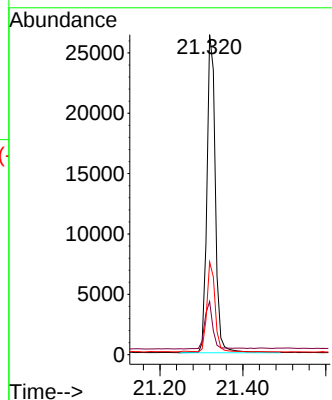
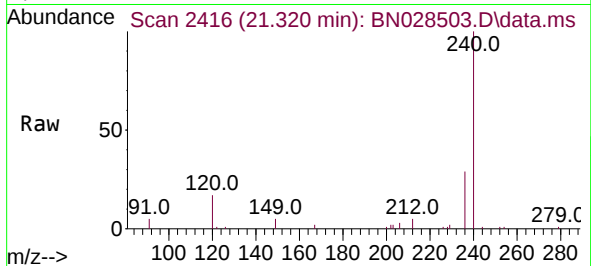




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.320 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

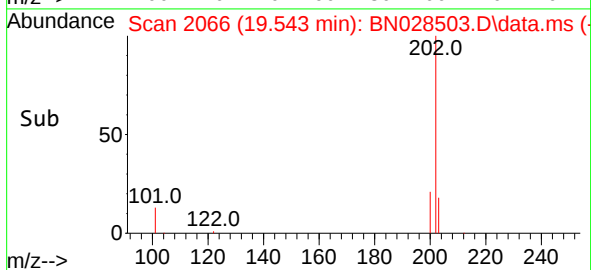
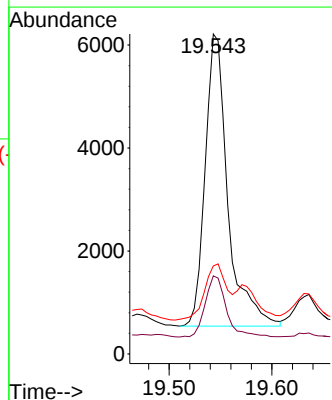
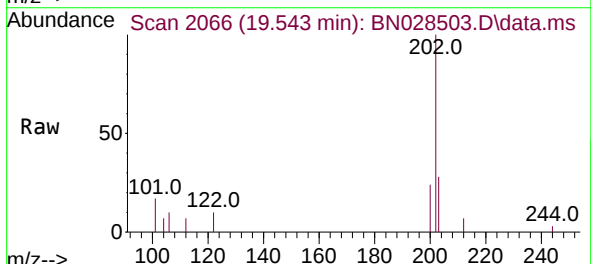
Instrument :
BNA_N
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MW-5

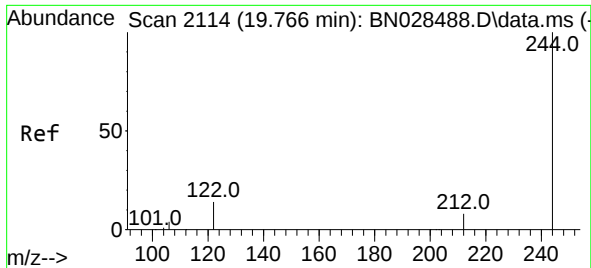
Tgt Ion:240 Resp: 37255
Ion Ratio Lower Upper
240 100
120 16.6 7.6 11.4#
236 28.9 21.9 32.9



#30
Pyrene
Concen: 0.049 ng
RT: 19.543 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

Tgt Ion:202 Resp: 8701
Ion Ratio Lower Upper
202 100
200 19.4 16.5 24.7
203 18.8 14.3 21.5

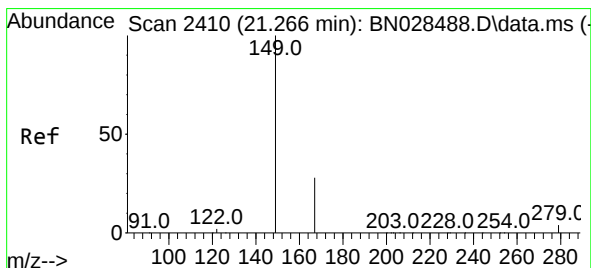
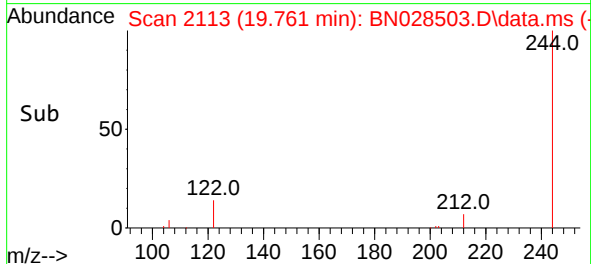
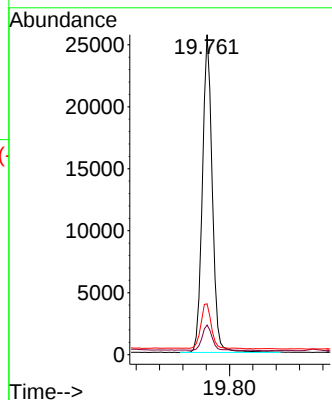
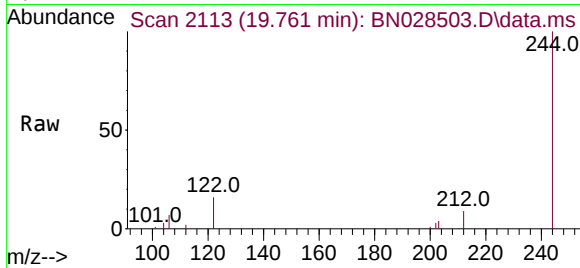




#31
Terphenyl-d14
Concen: 0.305 ng
RT: 19.761 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

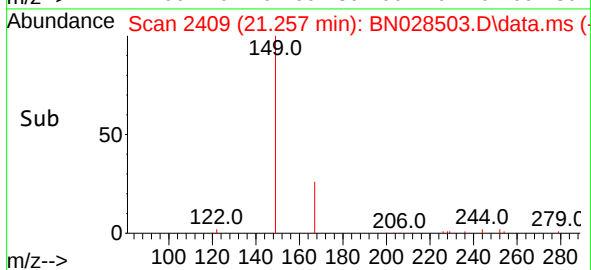
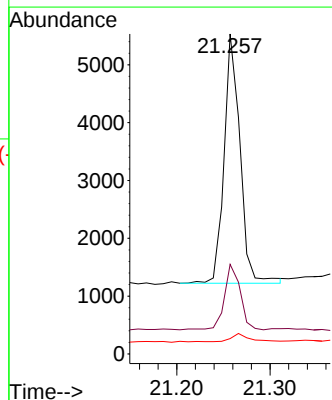
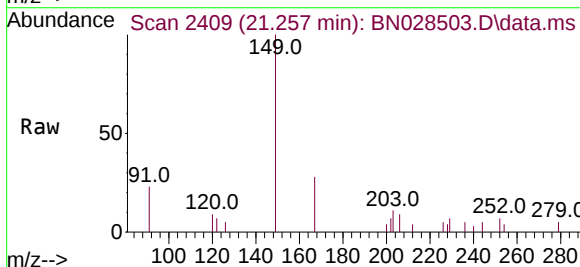
Instrument :
BNA_N
ClientSampleId :
MW-5

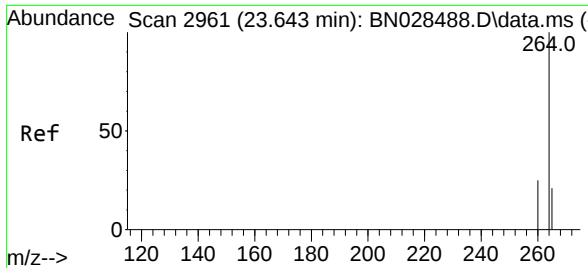
Tgt Ion:244 Resp: 30240
Ion Ratio Lower Upper
244 100
212 9.3 6.6 9.8
122 15.9 11.4 17.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.257 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

Tgt Ion:149 Resp: 5092
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 5.2 2.6 3.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.637 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BN028503.D
Acq: 08 Nov 2023 17:20

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:264	Resp:	37000
Ion Ratio	Lower	Upper
264	100	
260	25.7	20.7 31.1
265	36.3	31.6 47.4

