

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035833.D
 Acq On : 24 Dec 2024 23:18
 Operator : RC/JU
 Sample : P5376-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20241219

Quant Time: Dec 25 02:35:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

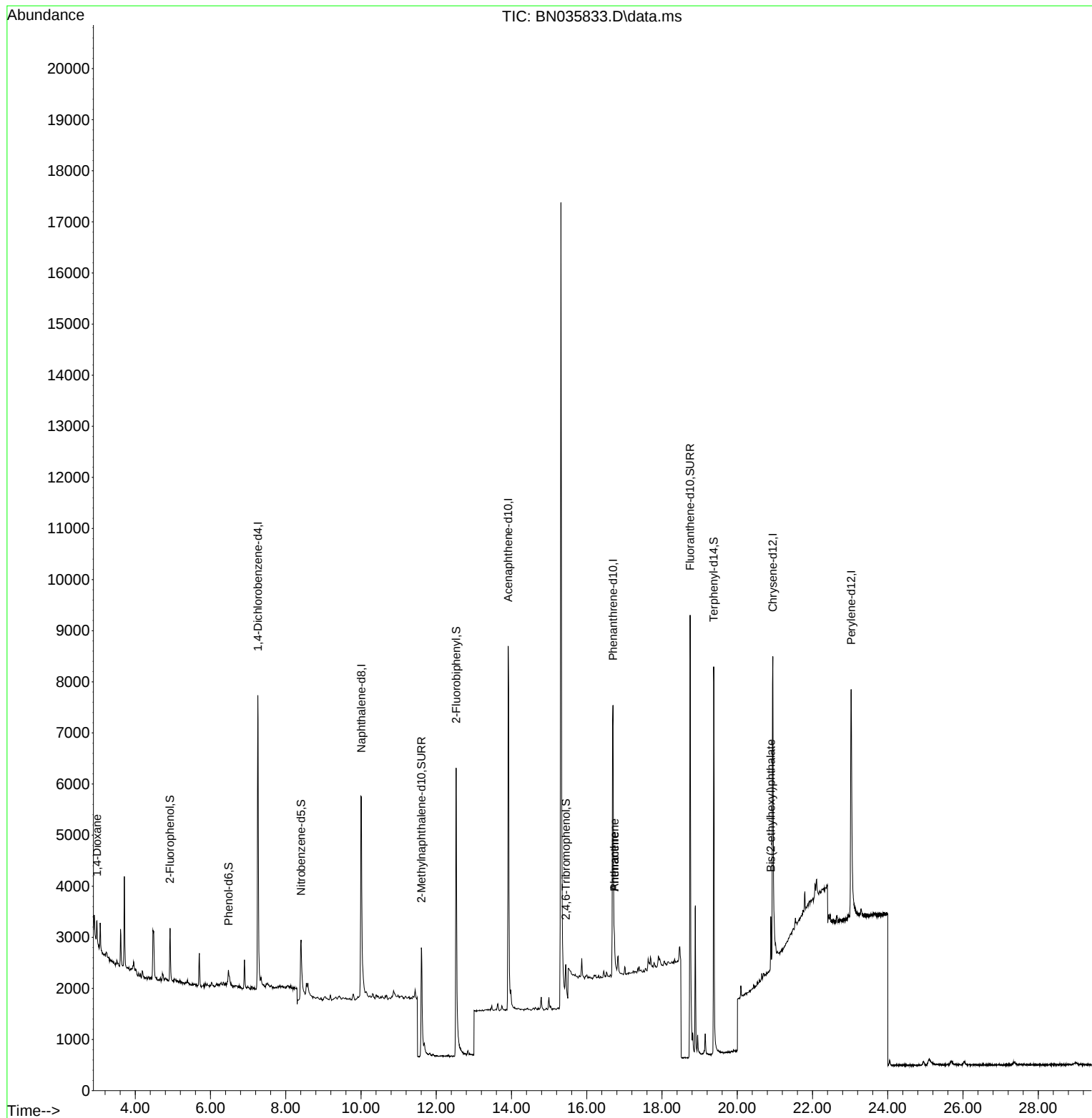
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3277	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	7724	0.400	ng	#-0.01
13) Acenaphthene-d10	13.914	164	4815	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	10024	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8069	0.400	ng	0.00
35) Perylene-d12	23.026	264	7784	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	965	0.118	ng	-0.01
5) Phenol-d6	6.477	99	504	0.051	ng	-0.01
8) Nitrobenzene-d5	8.408	82	2228	0.472	ng	0.00
11) 2-Methylnaphthalene-d10	11.605	152	4512	0.373	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	723	0.212	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	7112	0.391	ng	-0.02
27) Fluoranthene-d10	18.747	212	11675	0.411	ng	-0.01
31) Terphenyl-d14	19.375	244	8422	0.529	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	506	0.162	ng	# 77
25) Phenanthrene	16.736	178	582	0.021	ng	# 92
26) Anthracene	16.736	178	569	0.023	ng	94
34) Bis(2-ethylhexyl)phtha...	20.893	149	981	0.088	ng	# 98

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

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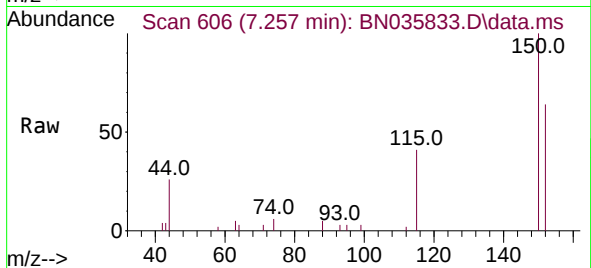
Quant Time: Dec 25 02:35:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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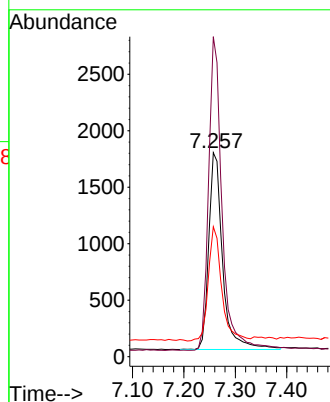
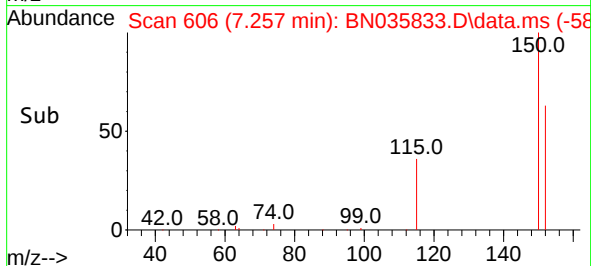


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20241219

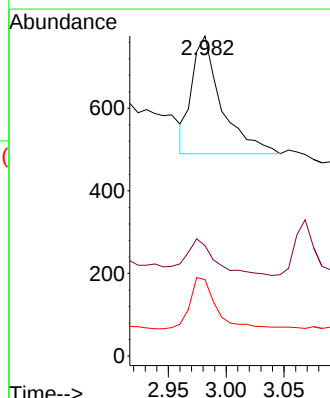
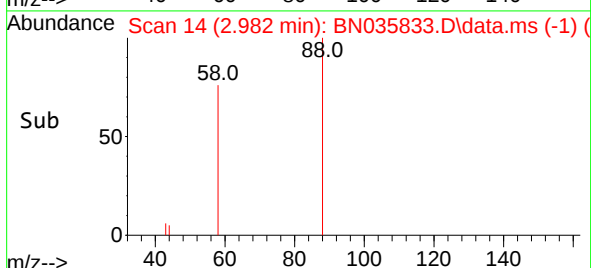
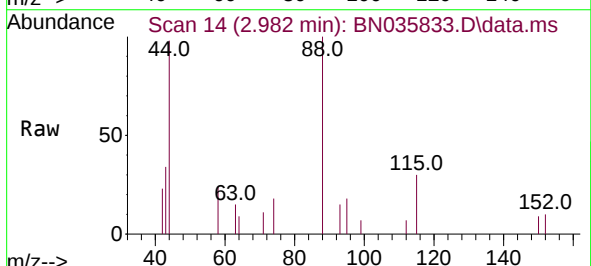


Tgt Ion:152 Resp: 3277
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.0 186.0
 115 63.7 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.162 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

Tgt Ion: 88 Resp: 506
 Ion Ratio Lower Upper
 88 100
 43 32.0 17.2 25.8#
 58 38.5 44.5 66.7#

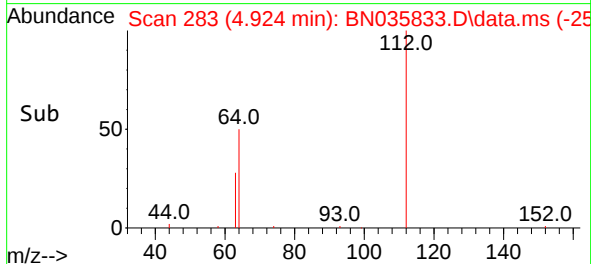
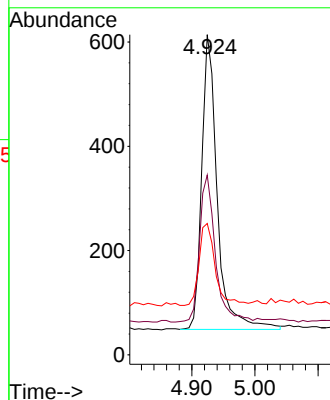
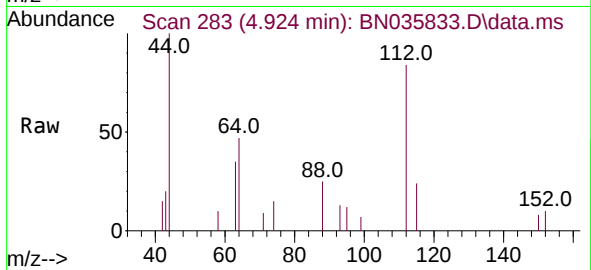




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

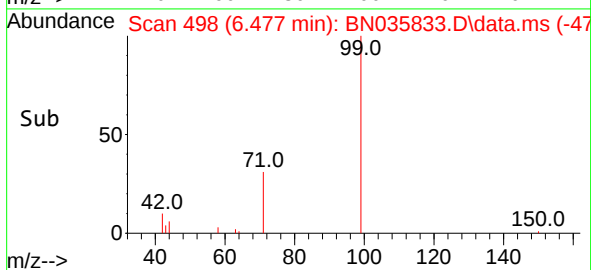
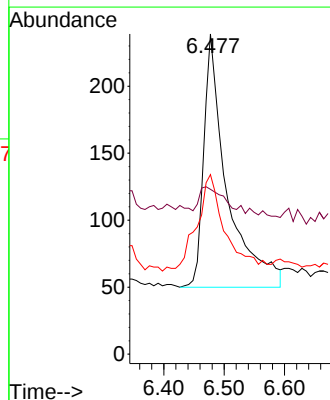
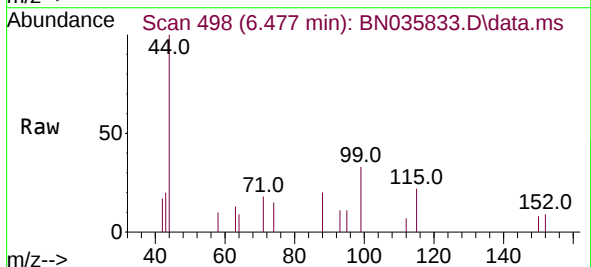
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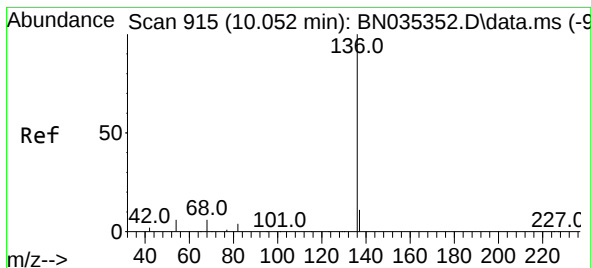
Tgt Ion:	112	Resp:	965
Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.8	59.8
63	28.6	21.0	31.6



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Tgt Ion:	99	Resp:	504
Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.4	17.2
71	47.0	29.3	43.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.009 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN035833.D

Acq: 24 Dec 2024 23:18

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20241219

Tgt Ion:136 Resp: 7724

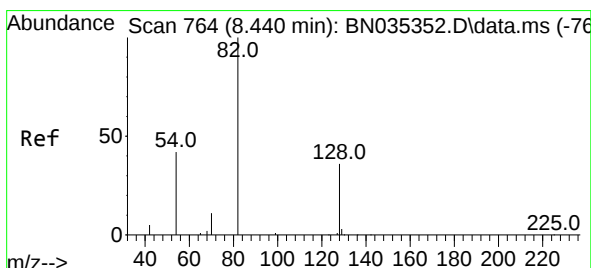
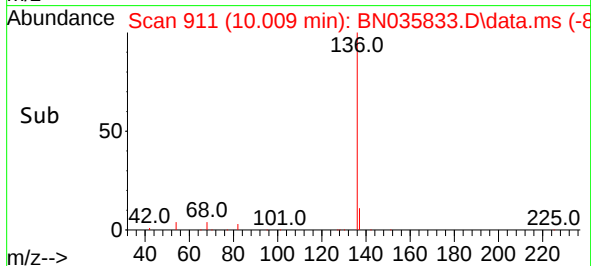
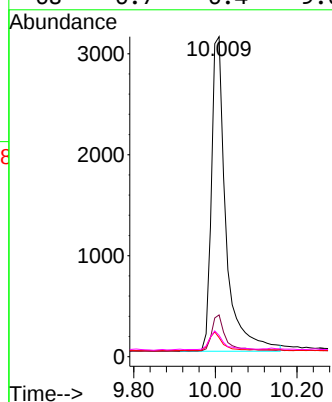
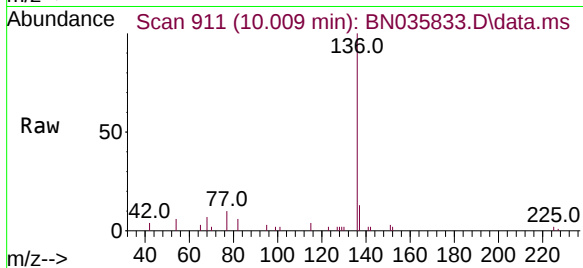
Ion Ratio Lower Upper

136 100

137 13.0 10.2 15.2

54 6.0 6.1 9.1#

68 6.7 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.472 ng

RT: 8.408 min Scan# 761

Delta R.T. -0.000 min

Lab File: BN035833.D

Acq: 24 Dec 2024 23:18

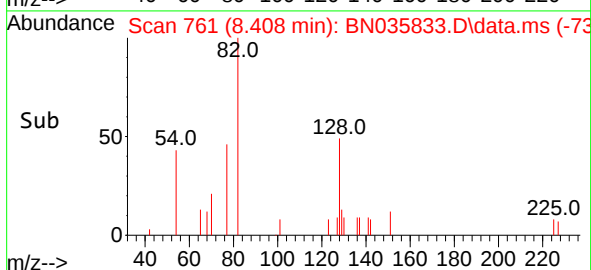
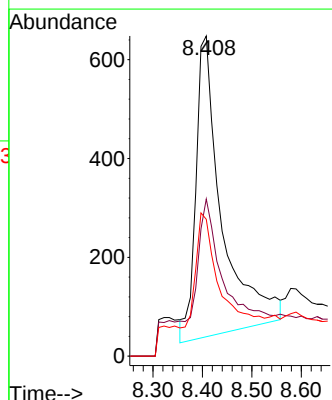
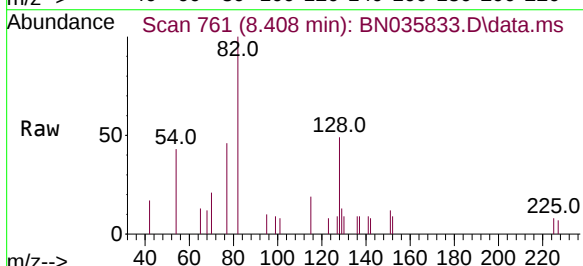
Tgt Ion: 82 Resp: 2228

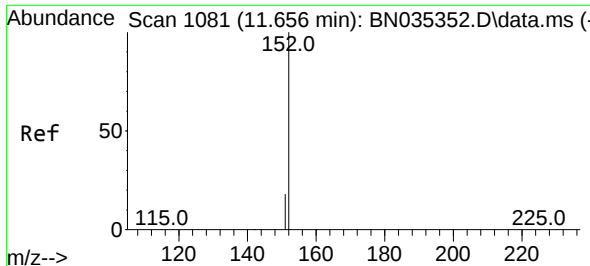
Ion Ratio Lower Upper

82 100

128 49.1 33.4 50.0

54 42.7 36.7 55.1

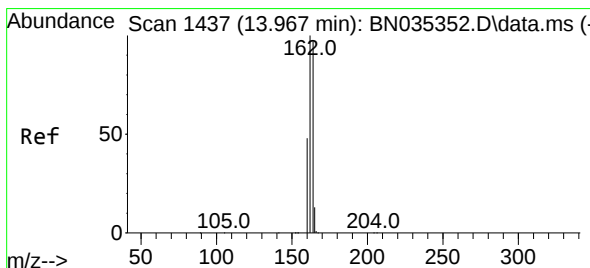
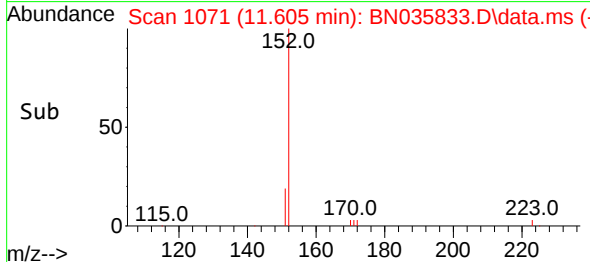
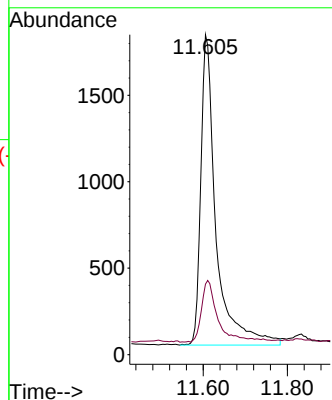
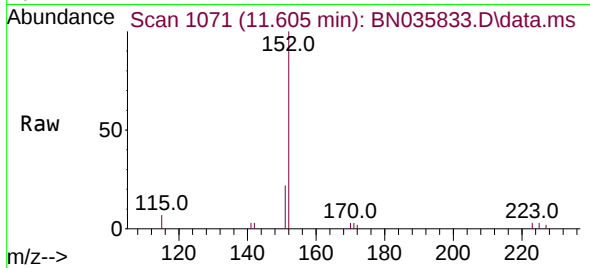




#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.605 min Scan# 1071
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

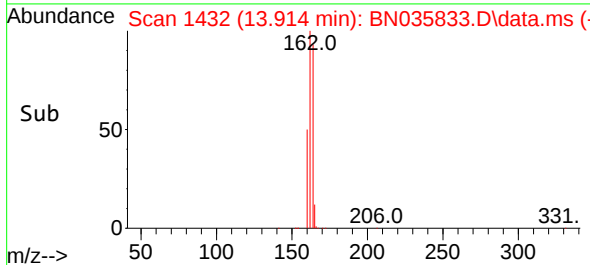
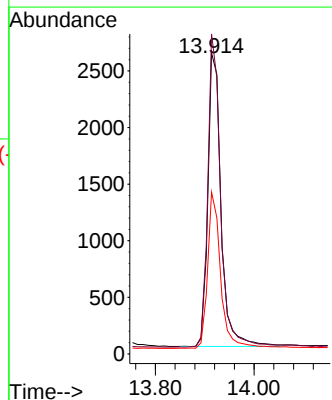
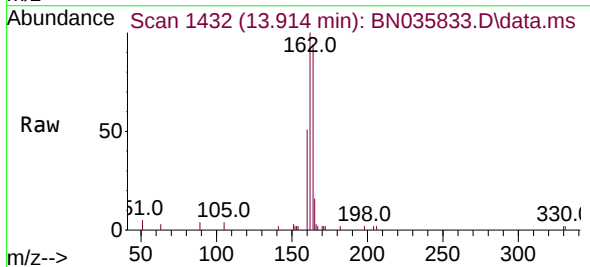
Instrument :
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RW11-MW01S-20241219

Tgt Ion:152 Resp: 4512
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 1432
Delta R.T. -0.021 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Tgt Ion:164 Resp: 4815
Ion Ratio Lower Upper
164 100
162 106.3 82.2 123.2
160 53.8 40.1 60.1

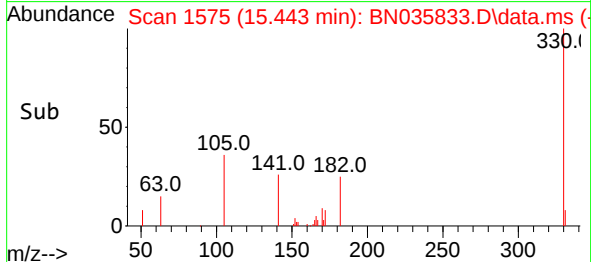
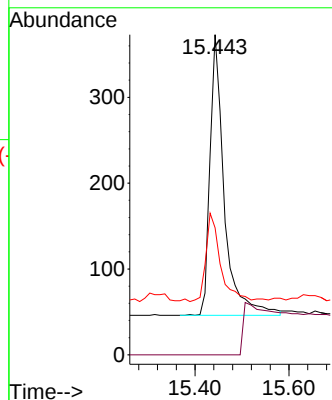
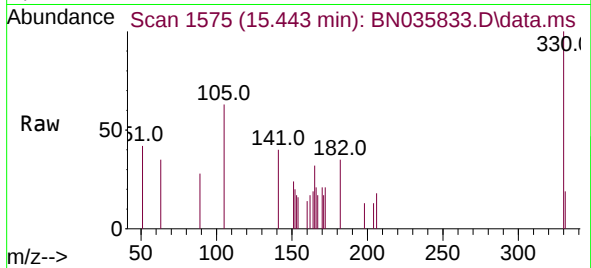




#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

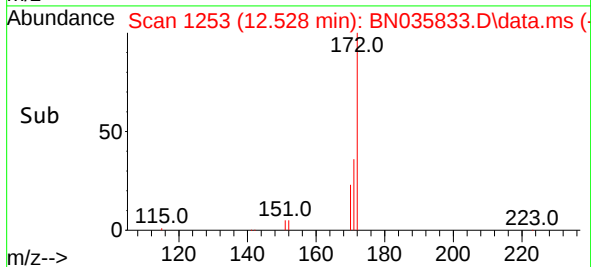
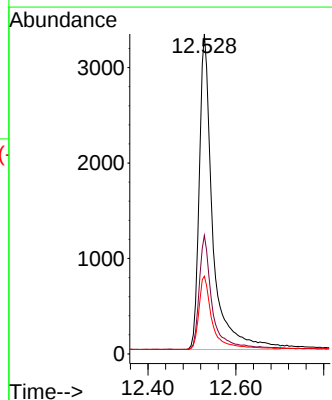
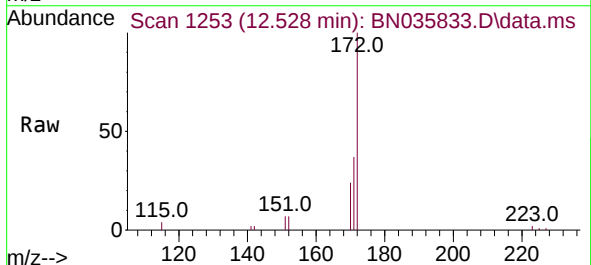
Instrument :
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ClientSampleId :
RW11-MW01S-20241219

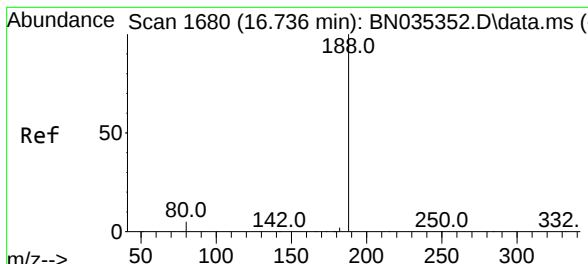
Tgt Ion:330 Resp: 723
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Tgt Ion:172 Resp: 7112
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.4
170 24.3 19.8 29.8

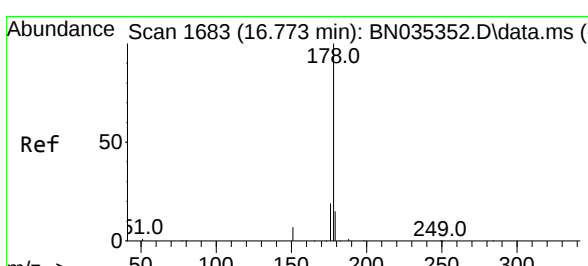
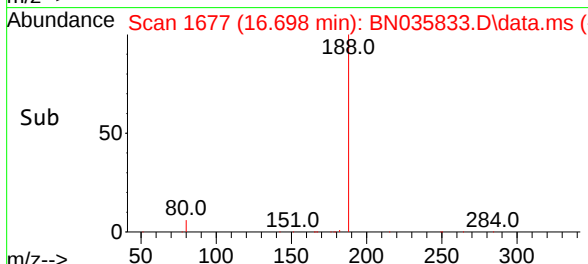
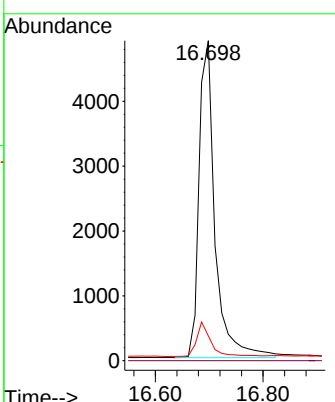
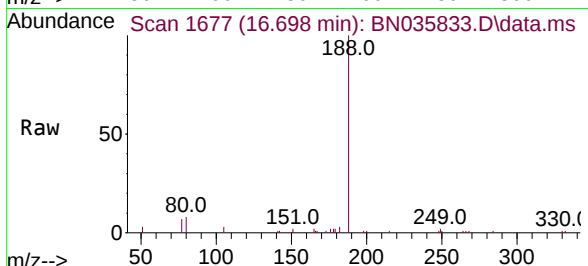




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.698 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

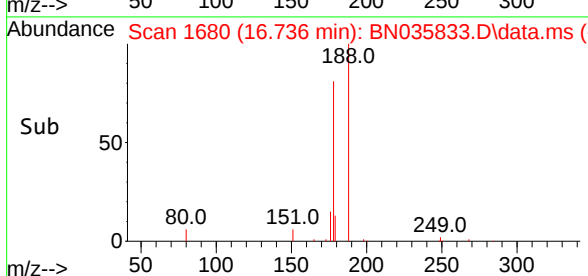
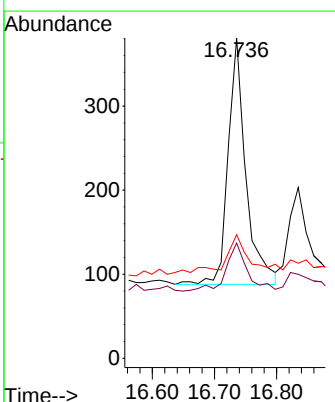
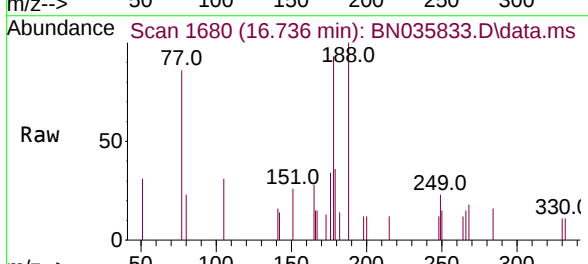
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 RW11-MW01S-20241219

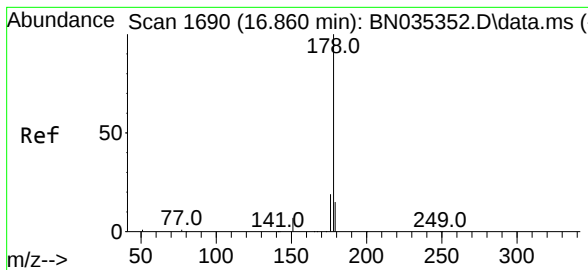
Tgt Ion:	188	Resp:	10024
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.8	4.6	6.8



#25
 Phenanthrene
 Concen: 0.021 ng
 RT: 16.736 min Scan# 1680
 Delta R.T. -0.013 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

Tgt Ion:	178	Resp:	582
Ion Ratio	Lower	Upper	
178	100		
176	23.0	15.4	23.2
179	18.7	12.3	18.5

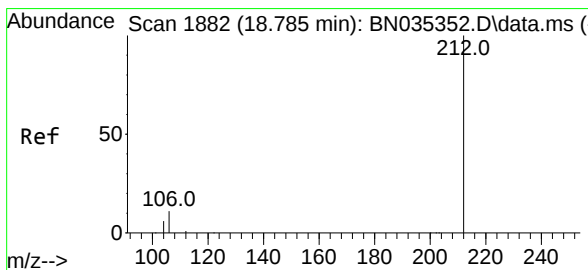
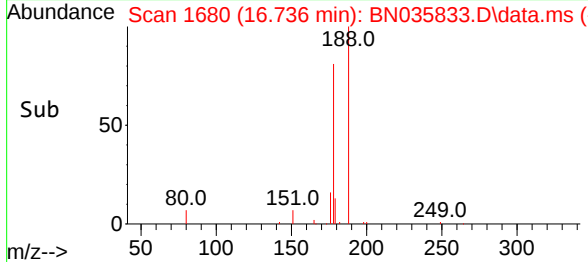
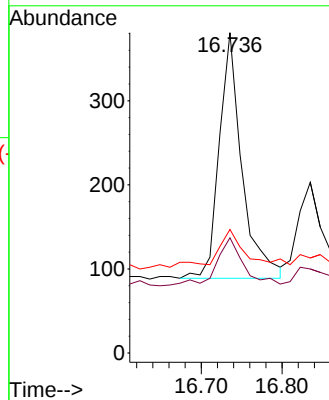
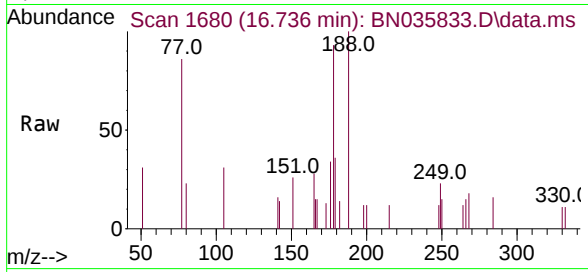




#26
 Anthracene
 Concen: 0.023 ng
 RT: 16.736 min Scan# 1680
 Delta R.T. -0.099 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

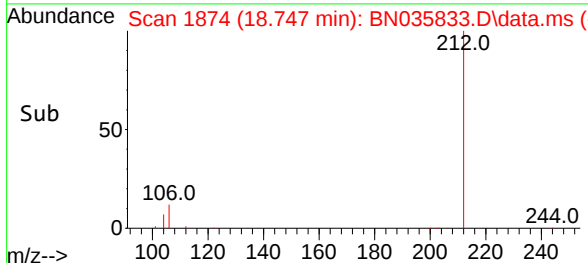
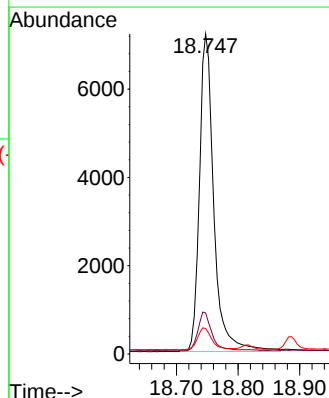
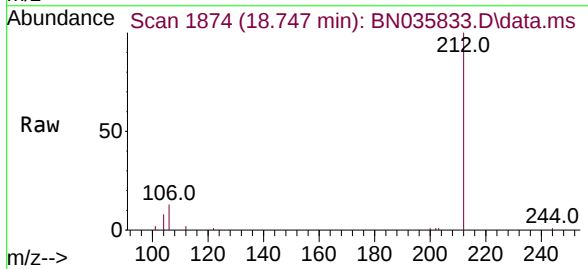
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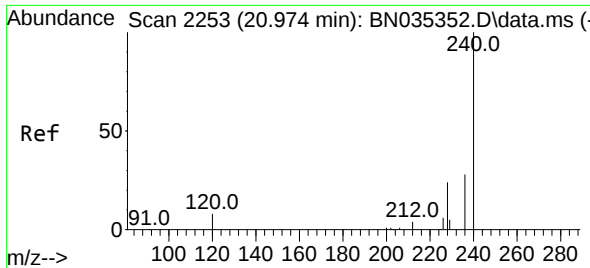
Tgt Ion:	178	Resp:	569
Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.0	22.6
179	18.1	12.6	18.8



#27
 Fluoranthene-d10
 Concen: 0.411 ng
 RT: 18.747 min Scan# 1874
 Delta R.T. -0.014 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

Tgt Ion:	212	Resp:	11675
Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.2	13.8
104	7.0	5.3	7.9

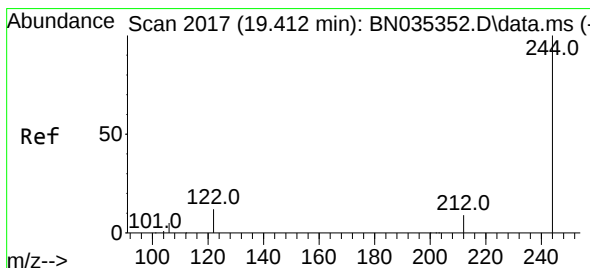
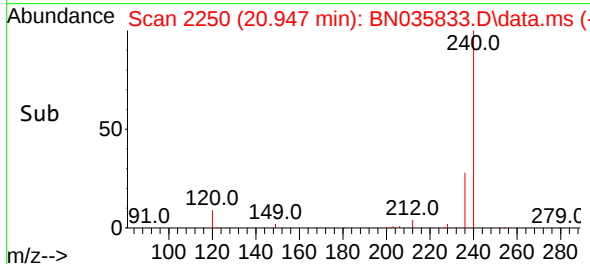
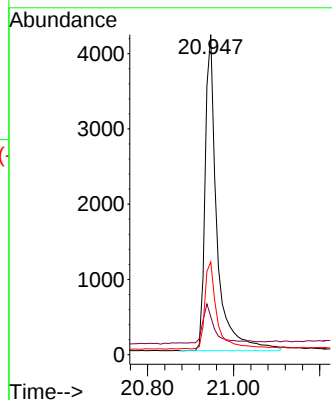
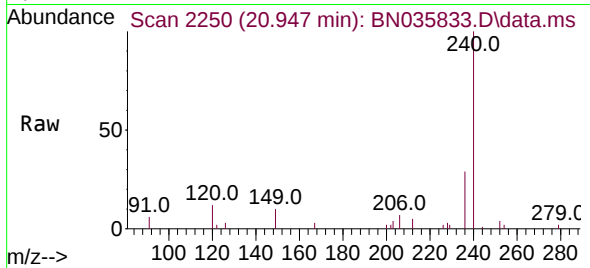




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

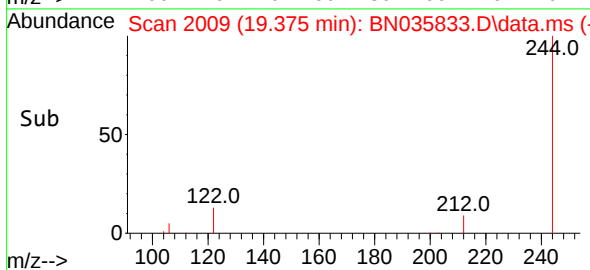
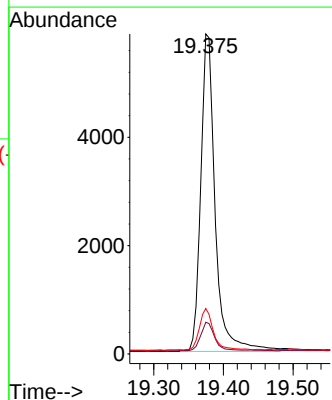
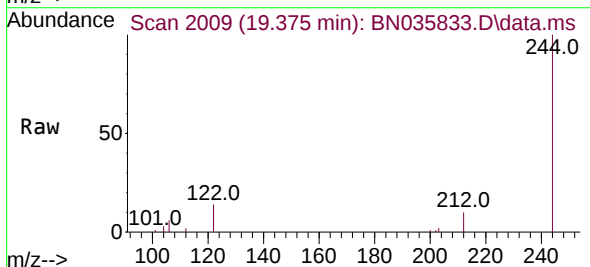
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219

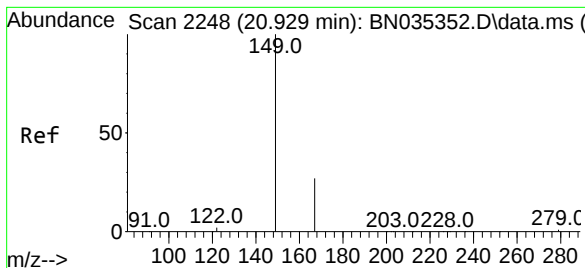
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Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9
236 29.0 22.9 34.3



#31
Terphenyl-d14
Concen: 0.529 ng
RT: 19.375 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Tgt Ion:244 Resp: 8422
Ion Ratio Lower Upper
244 100
212 9.9 8.1 12.1
122 14.2 10.3 15.5

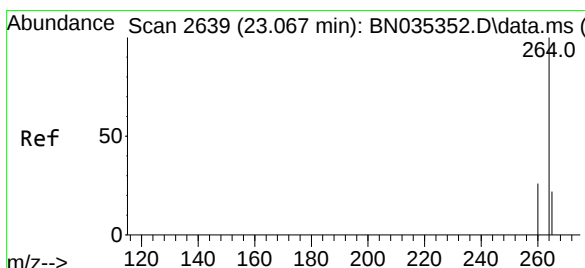
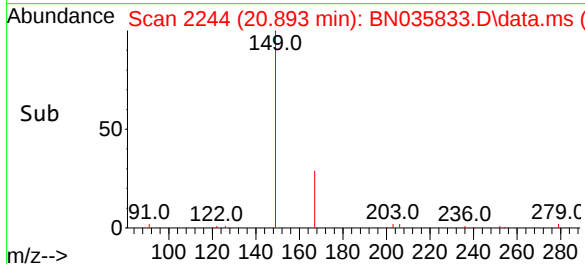
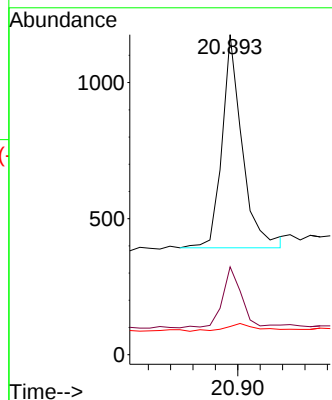
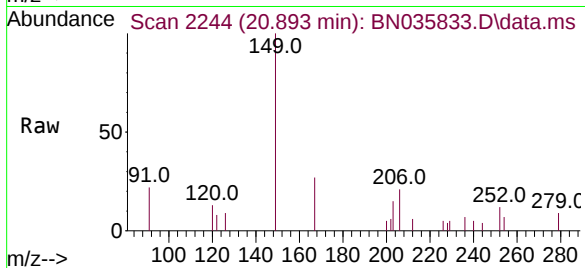




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 20.893 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219

Tgt Ion:149 Resp: 981
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.4
279 6.7 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.026 min Scan# 2625
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Tgt Ion:264 Resp: 7784
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.2
265 87.6 40.2 60.4#

