

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038030.D
 Acq On : 07 Oct 2025 04:22
 Operator : RC/JU
 Sample : Q3213-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-380-382

Quant Time: Oct 07 05:59:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

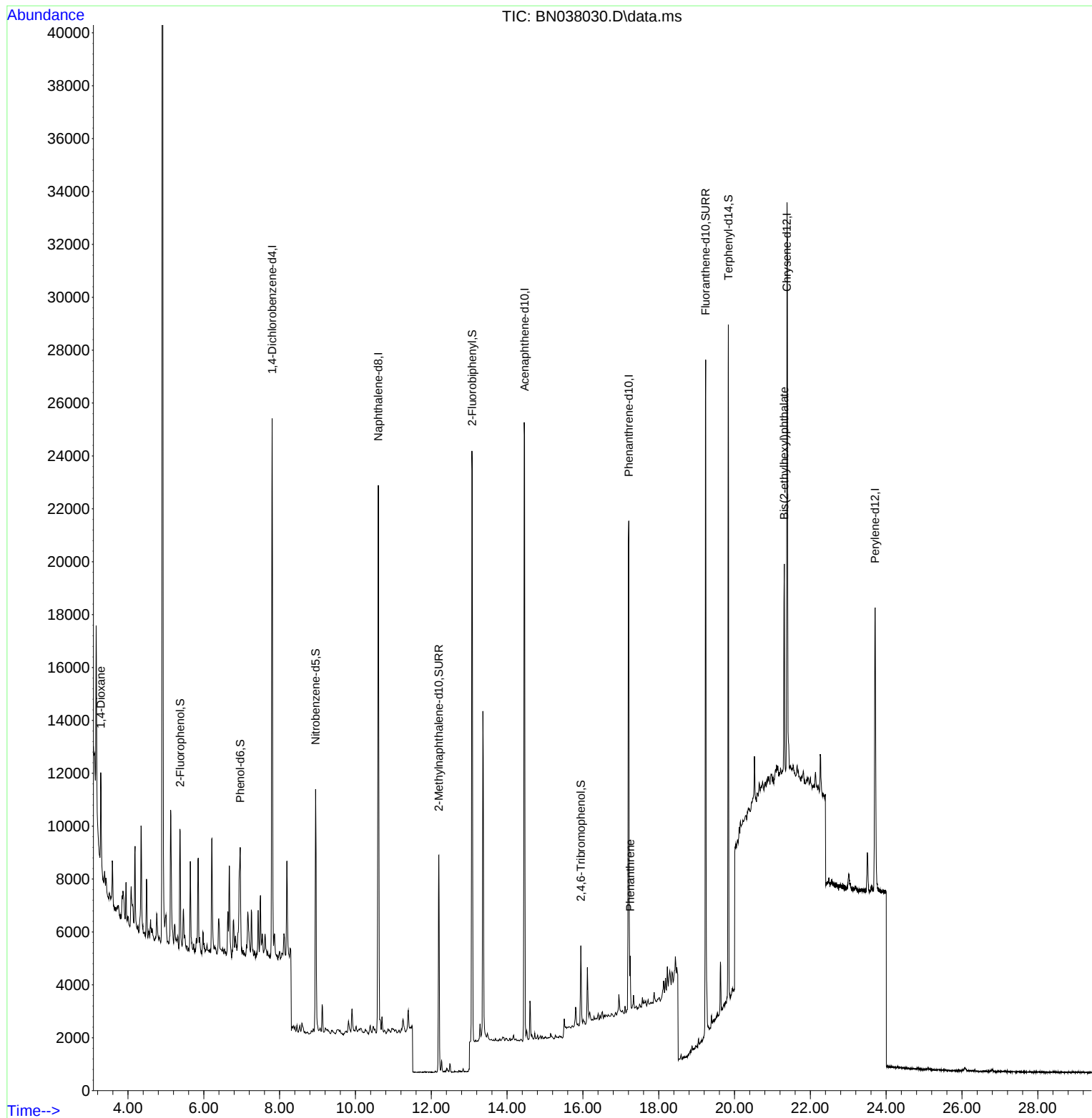
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8865	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	26053	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	14244	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	27982	0.400	ng	#-0.01
29) Chrysene-d12	21.384	240	20322	0.400	ng	#-0.02
35) Perylene-d12	23.709	264	15136	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3497	0.173	ng	0.00
5) Phenol-d6	6.959	99	3022	0.114	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7146	0.360	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11299	0.312	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1691	0.313	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	21093	0.362	ng	-0.01
27) Fluoranthene-d10	19.238	212	27297	0.388	ng	-0.01
31) Terphenyl-d14	19.838	244	23007	0.568	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	2236	0.248	ng	# 76
25) Phenanthrene	17.248	178	2186	0.024	ng	97
34) Bis(2-ethylhexyl)phtha...	21.313	149	7508	0.267	ng	96

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

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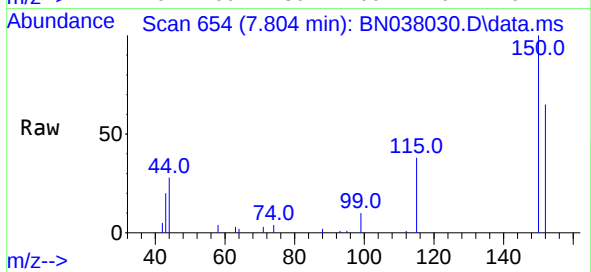
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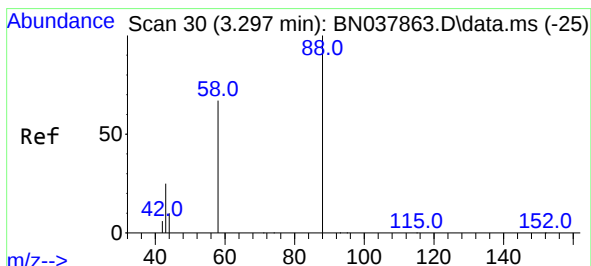
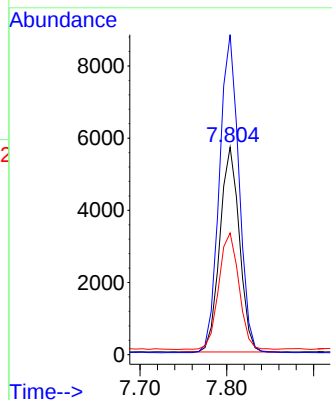
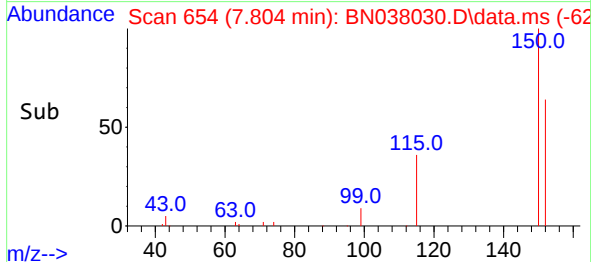


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-380-382

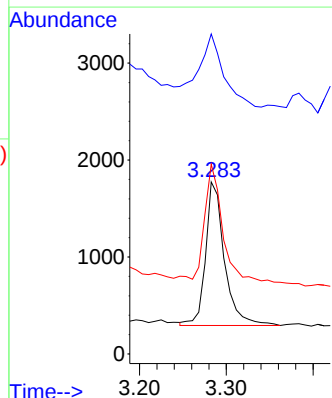
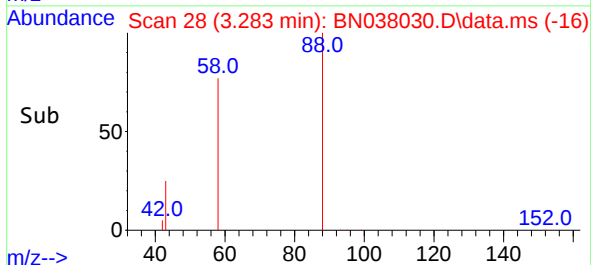
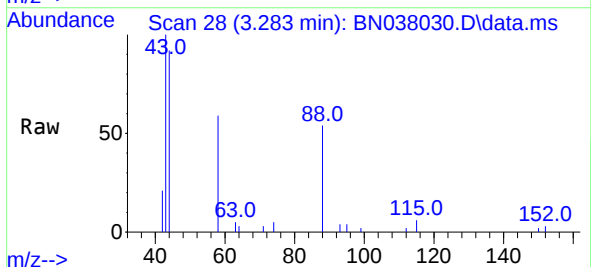


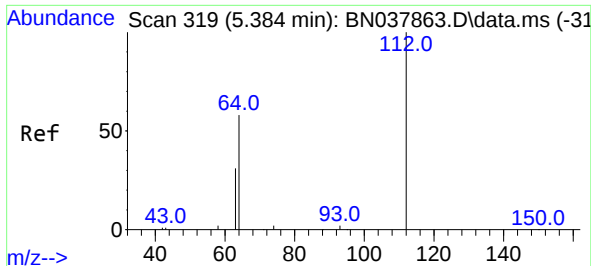
Tgt Ion:152 Resp: 8865
Ion Ratio Lower Upper
152 100
150 154.2 121.0 181.4
115 58.6 47.4 71.0



#2
1,4-Dioxane
Concen: 0.248 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Tgt Ion: 88 Resp: 2236
Ion Ratio Lower Upper
88 100
43 69.5 26.6 39.8#
58 78.1 58.9 88.3





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038030.D

Acq: 07 Oct 2025 04:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-380-382

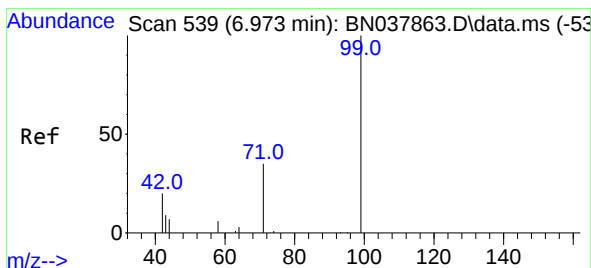
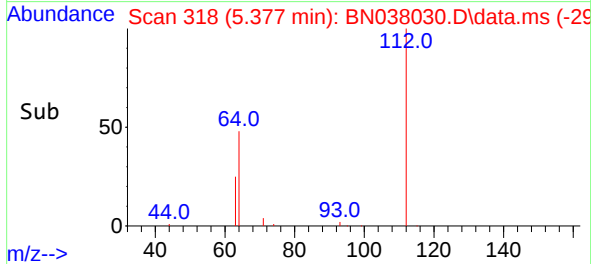
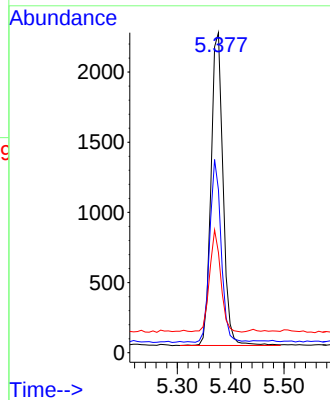
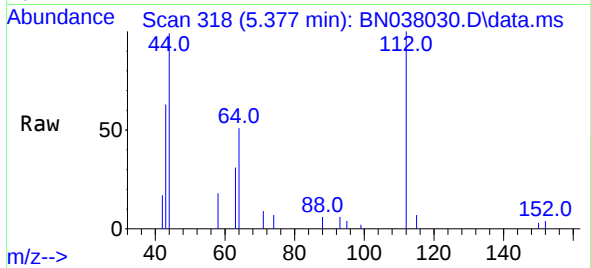
Tgt Ion:112 Resp: 3497

Ion Ratio Lower Upper

112 100

64 55.2 44.6 66.8

63 30.2 24.9 37.3



#5

Phenol-d6

Concen: 0.114 ng

RT: 6.959 min Scan# 537

Delta R.T. -0.015 min

Lab File: BN038030.D

Acq: 07 Oct 2025 04:22

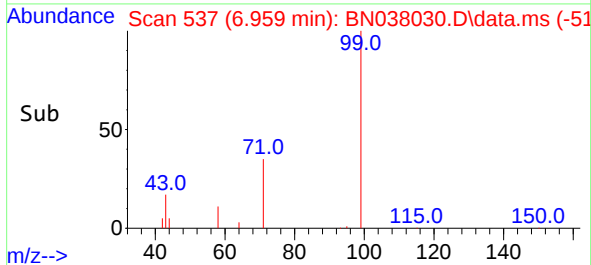
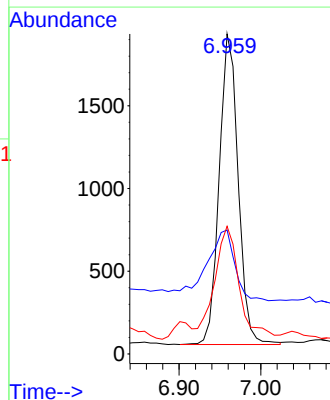
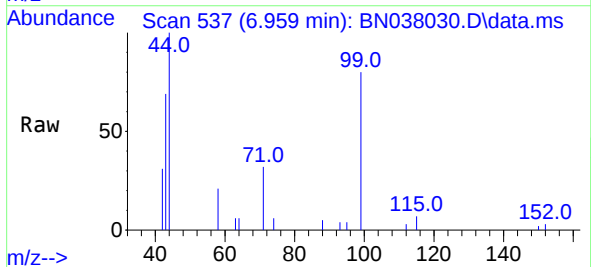
Tgt Ion: 99 Resp: 3022

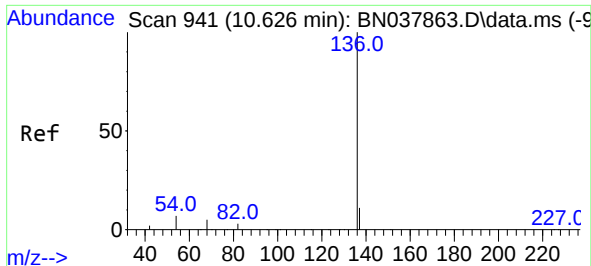
Ion Ratio Lower Upper

99 100

42 33.2 17.2 25.8#

71 46.1 27.3 40.9#

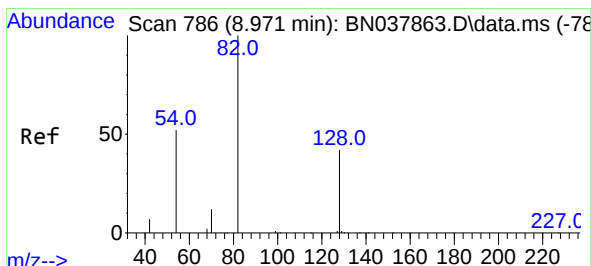
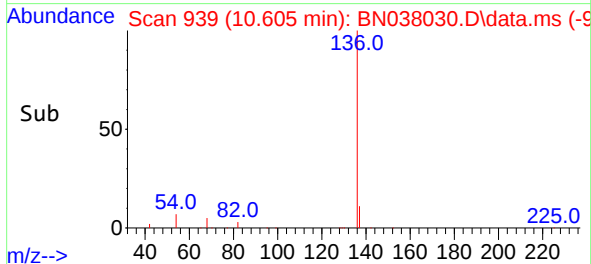
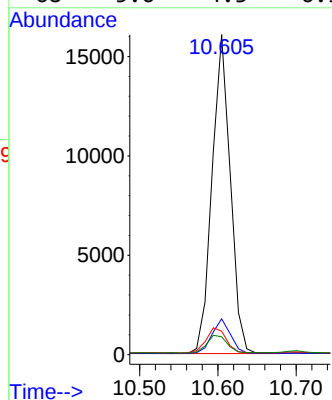
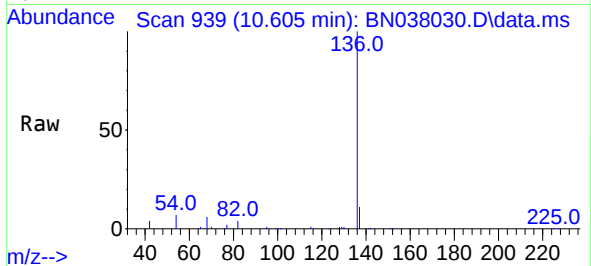




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

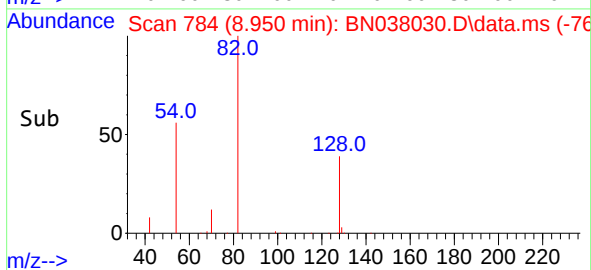
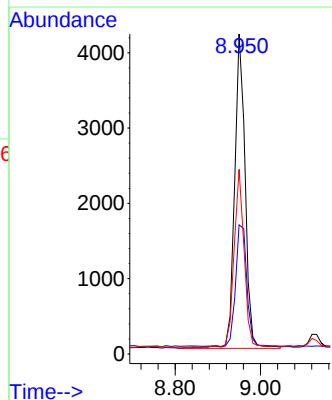
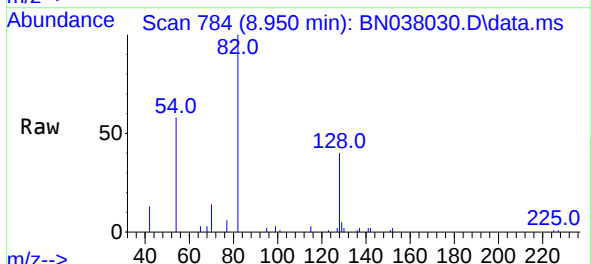
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-380-382

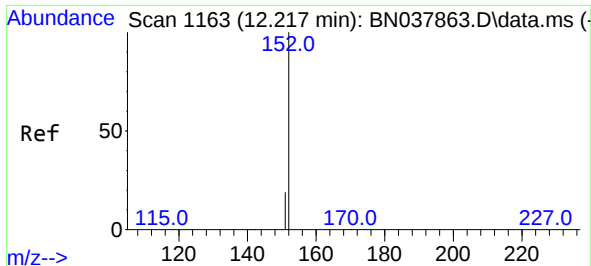
Tgt Ion:	136	Resp:	26053
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.8	8.8
68	5.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Tgt Ion:	82	Resp:	7146
Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.8	52.2
54	57.7	42.2	63.2

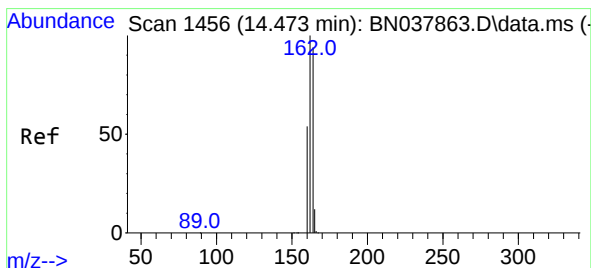
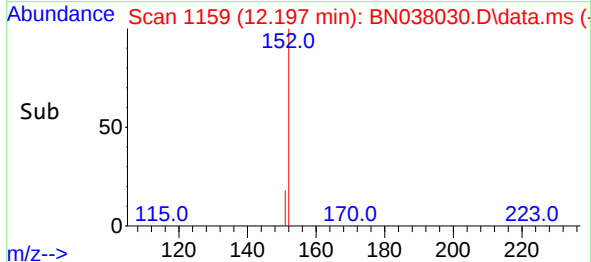
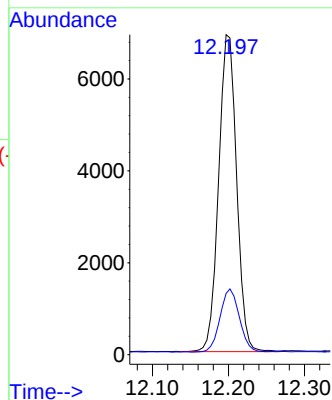
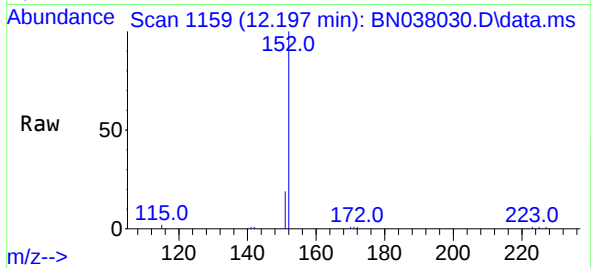




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

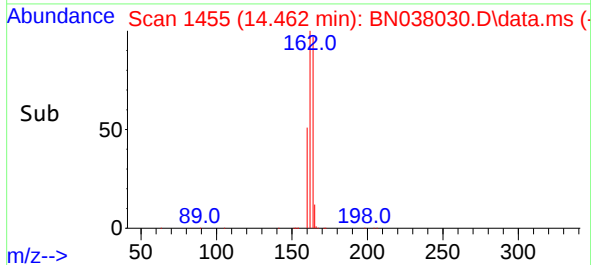
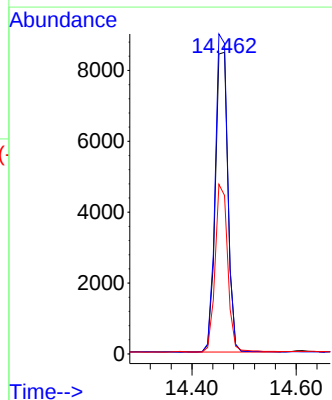
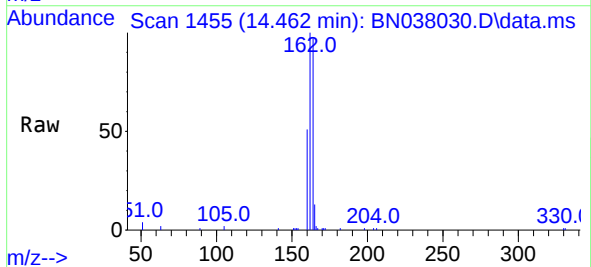
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-380-382

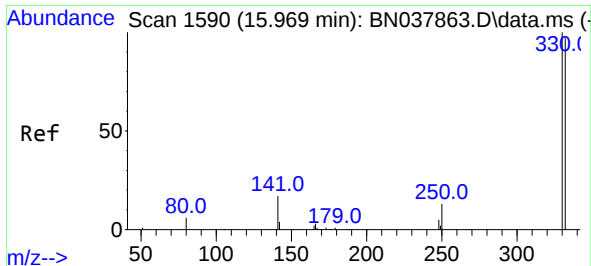
Tgt Ion:152 Resp: 11299
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

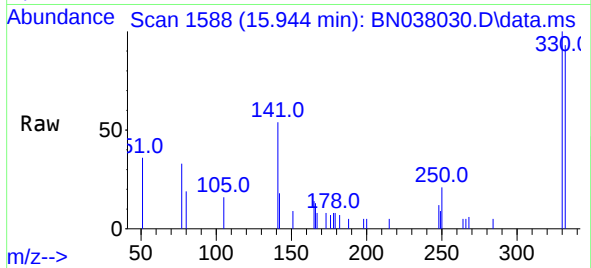
Tgt Ion:164 Resp: 14244
Ion Ratio Lower Upper
164 100
162 103.0 84.8 127.2
160 52.6 46.1 69.1



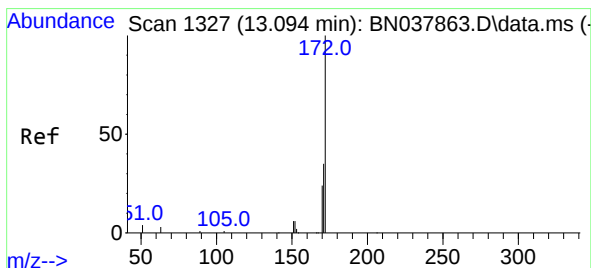
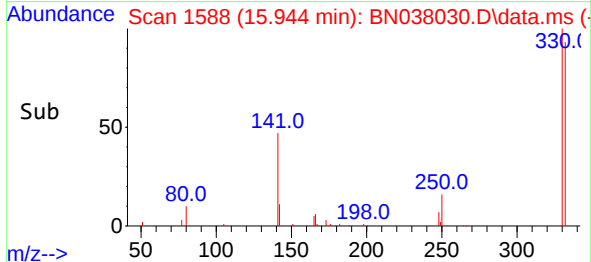
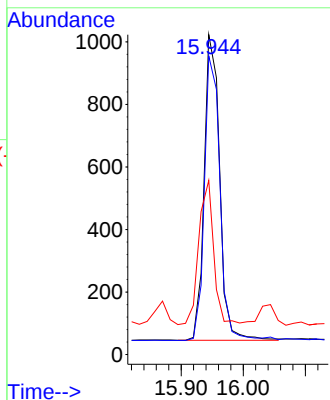


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.944 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-380-382

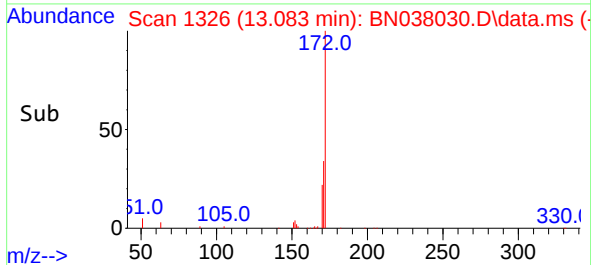
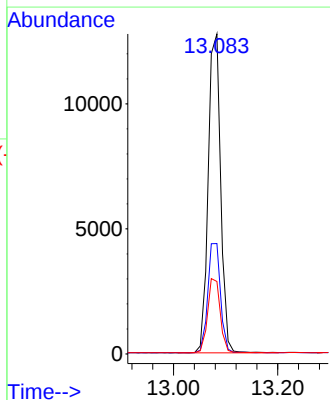
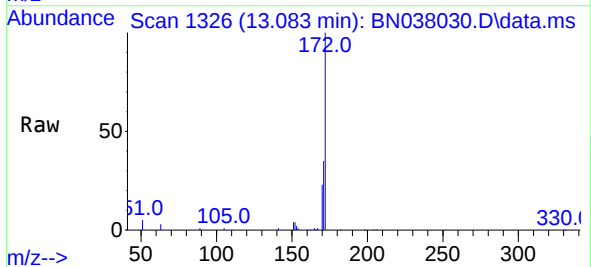


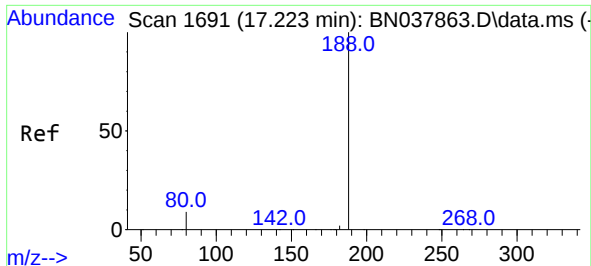
Tgt Ion:330 Resp: 1691
Ion Ratio Lower Upper
330 100
332 95.1 77.2 115.8
141 45.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Tgt Ion:172 Resp: 21093
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.7 19.7 29.5

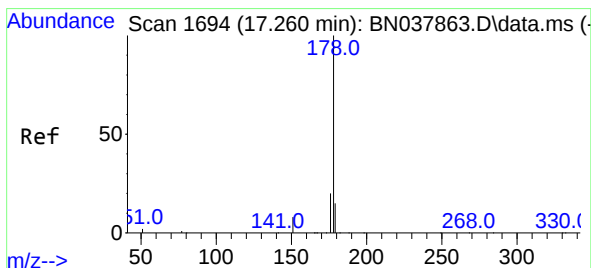
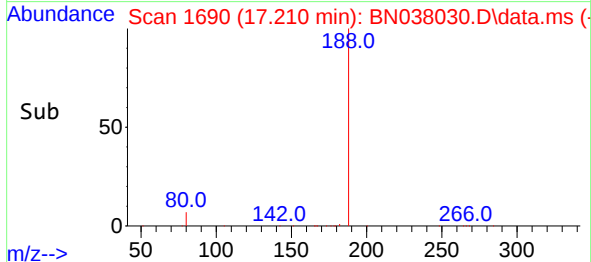
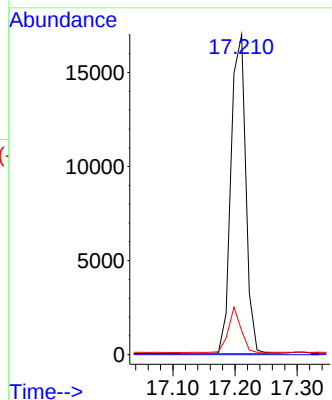
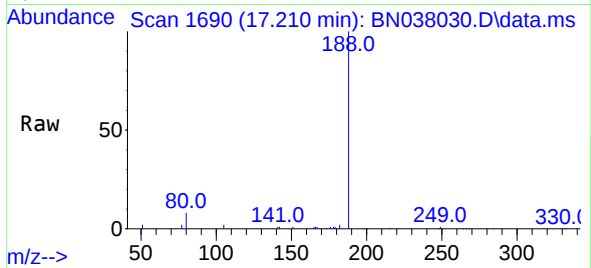




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

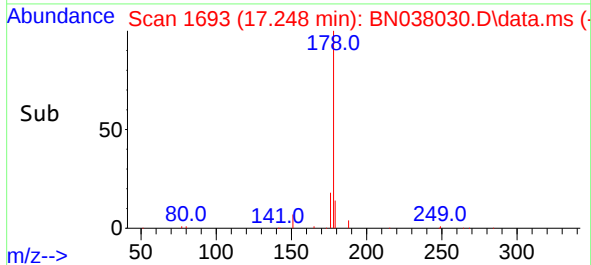
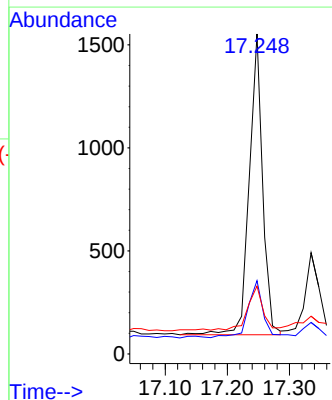
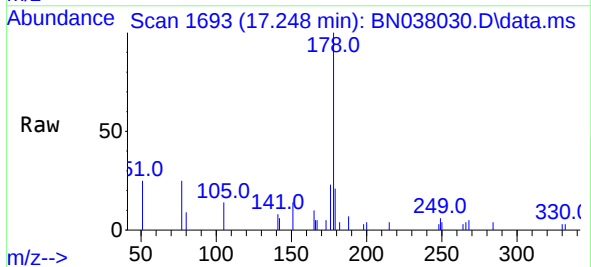
Instrument :
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ClientSampleId :
BP-VPB-184-GW-380-382

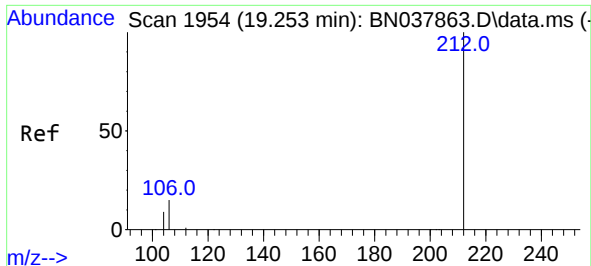
Tgt Ion:188 Resp: 27982
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.6 11.4#



#25
Phenanthrene
Concen: 0.024 ng
RT: 17.248 min Scan# 1693
Delta R.T. -0.013 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Tgt Ion:178 Resp: 2186
Ion Ratio Lower Upper
178 100
176 21.1 15.7 23.5
179 16.6 12.3 18.5

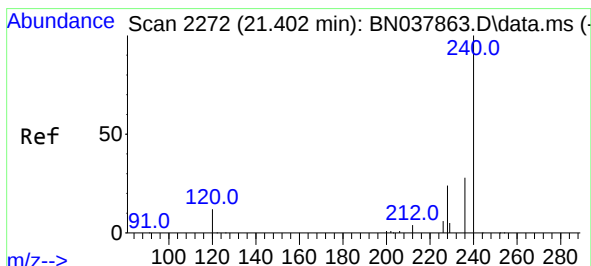
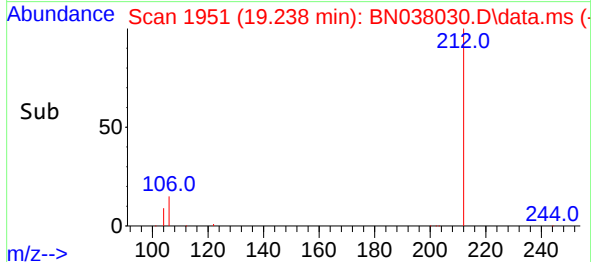
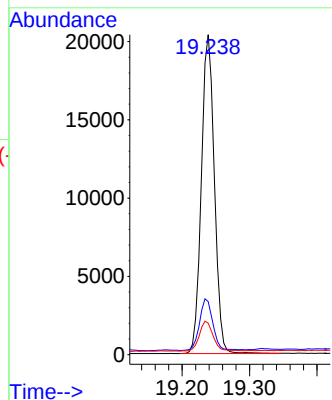
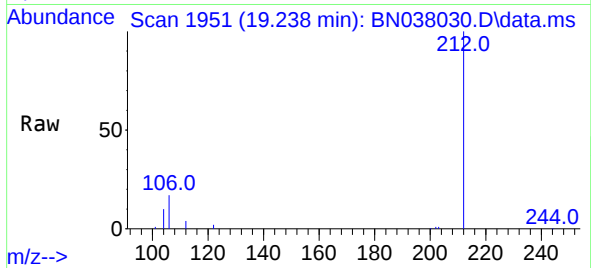




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

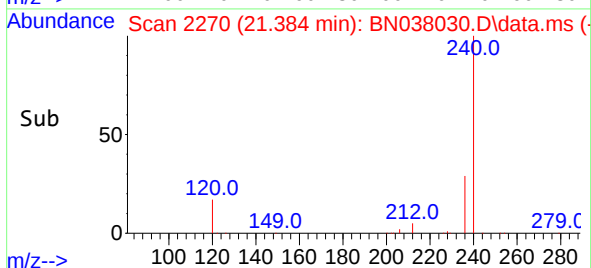
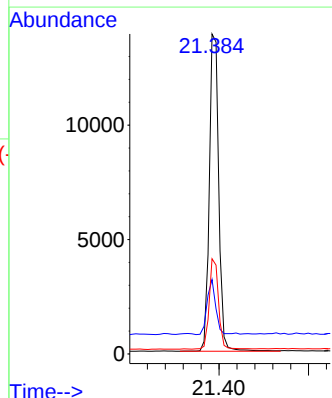
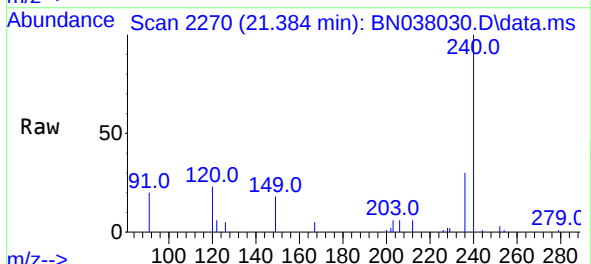
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-380-382

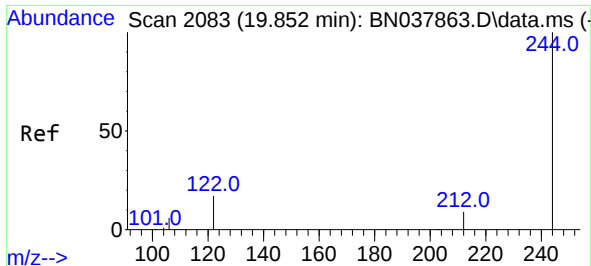
Tgt Ion:212 Resp: 27297
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 9.9 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Tgt Ion:240 Resp: 20322
Ion Ratio Lower Upper
240 100
120 23.3 11.4 17.2#
236 29.8 23.0 34.6

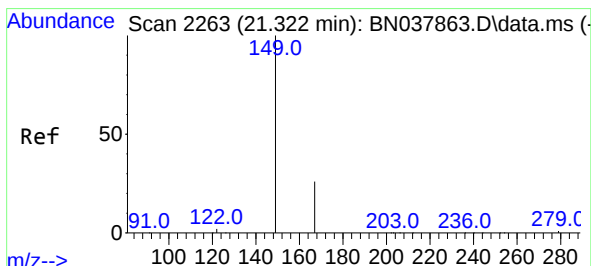
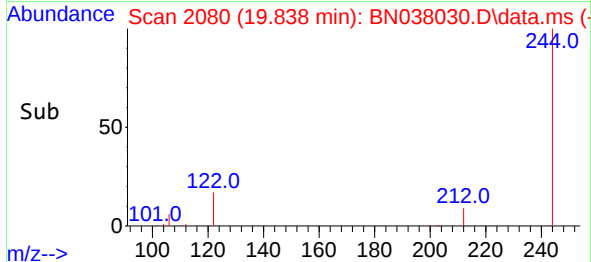
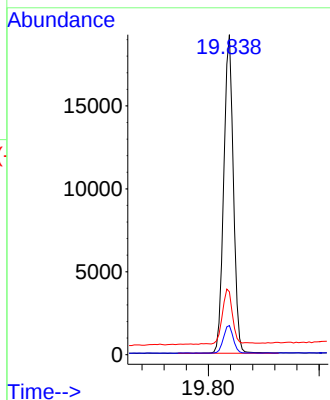
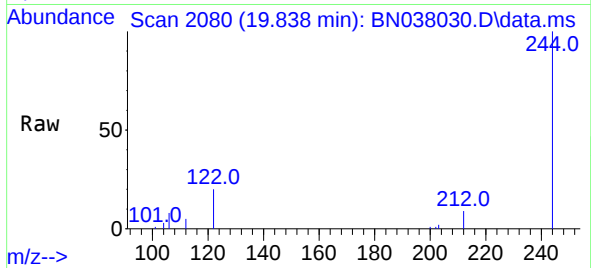




#31
Terphenyl-d14
Concen: 0.568 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

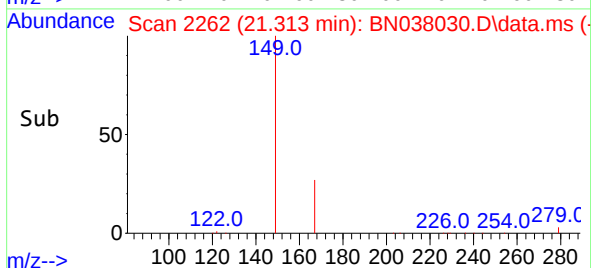
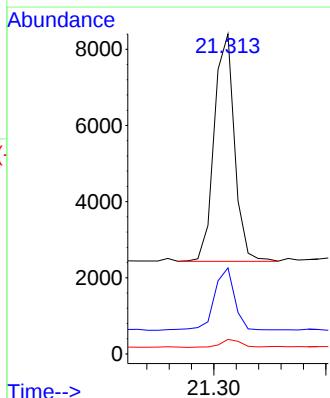
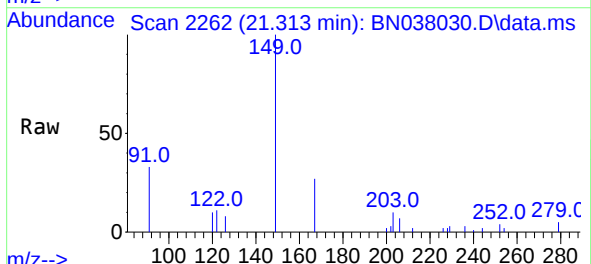
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-380-382

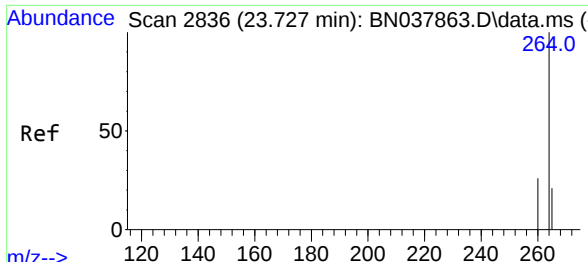
Tgt Ion:244 Resp: 23007
Ion Ratio Lower Upper
244 100
212 9.1 7.6 11.4
122 19.7 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.267 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038030.D
Acq: 07 Oct 2025 04:22

Tgt Ion:149 Resp: 7508
Ion Ratio Lower Upper
149 100
167 27.5 20.4 30.6
279 3.5 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038030.D
 Acq: 07 Oct 2025 04:22

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-380-382

Tgt Ion:	264	Resp:	15136
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	84.2	53.8	80.6#

