

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
 Data File : BN037928.D
 Acq On : 26 Sep 2025 16:46
 Operator : RC/JU
 Sample : Q3165-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262

Quant Time: Sep 26 17:10:52 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)

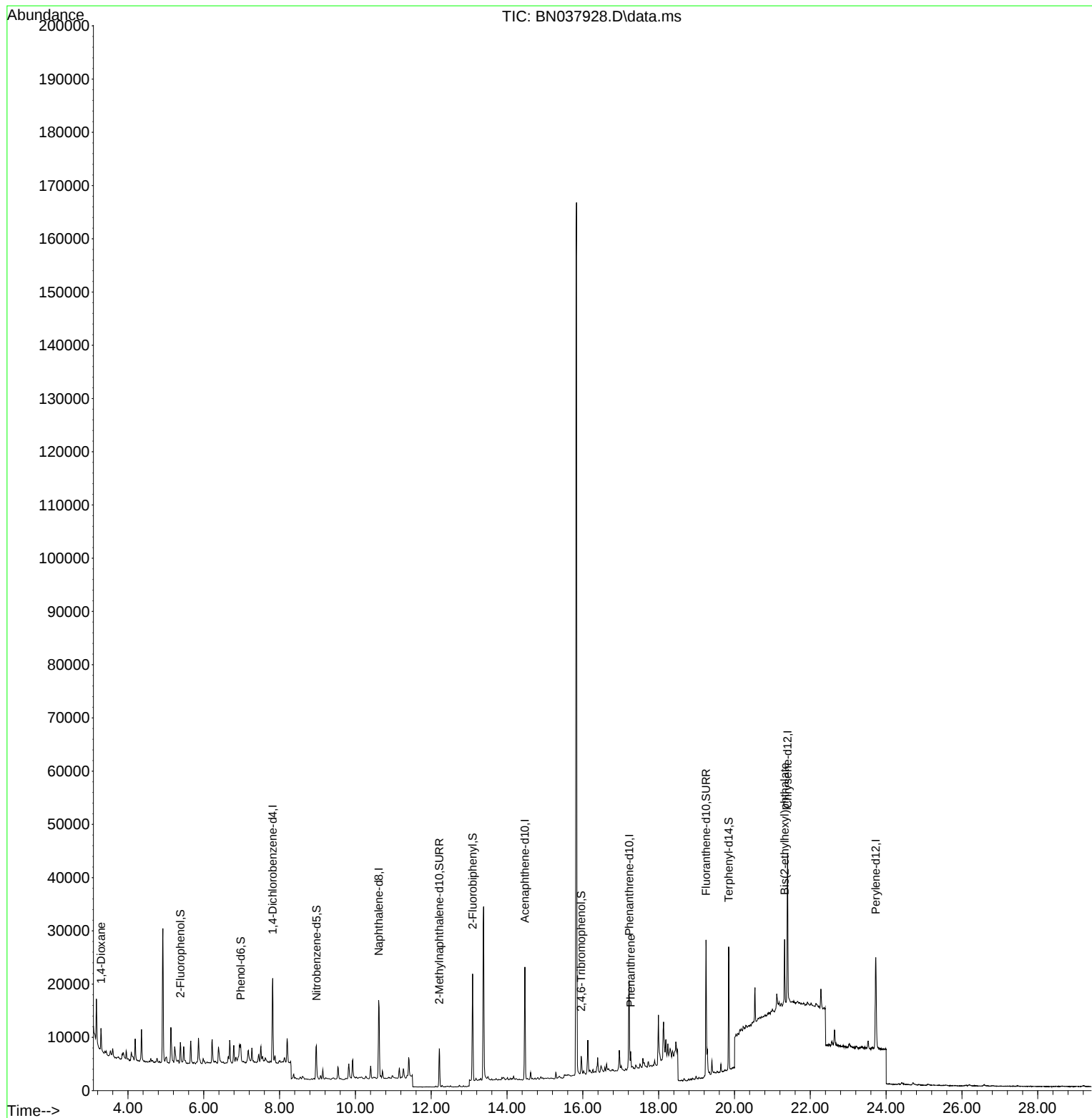
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6810	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	20262	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	11259	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	23933	0.400	ng	0.00
29) Chrysene-d12	21.402	240	25277	0.400	ng	0.00
35) Perylene-d12	23.727	264	24036	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2823	0.182	ng	0.00
5) Phenol-d6	6.973	99	2692	0.132	ng	0.00
8) Nitrobenzene-d5	8.971	82	5091	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	12.212	152	9654	0.343	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1851	0.434	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	16146	0.350	ng	0.00
27) Fluoranthene-d10	19.248	212	27420	0.455	ng	0.00
31) Terphenyl-d14	19.847	244	20959	0.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2642	0.382	ng	# 84
25) Phenanthrene	17.260	178	2911	0.037	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.322	149	11403	0.326	ng	98

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

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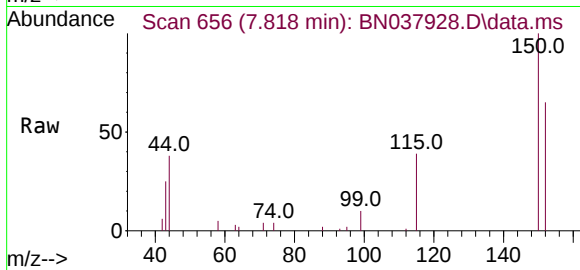
Quant Time: Sep 26 17:10:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



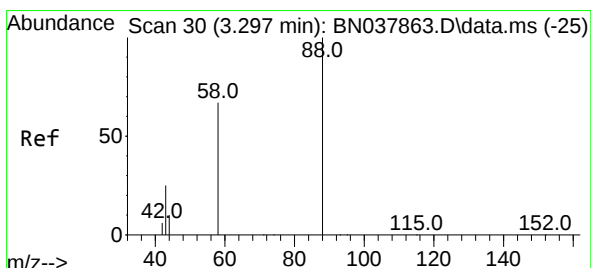
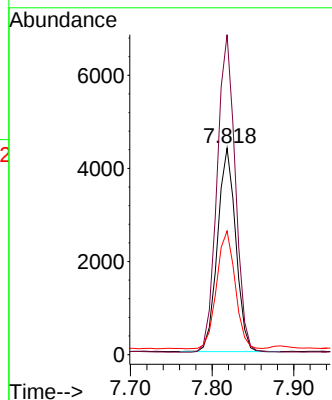
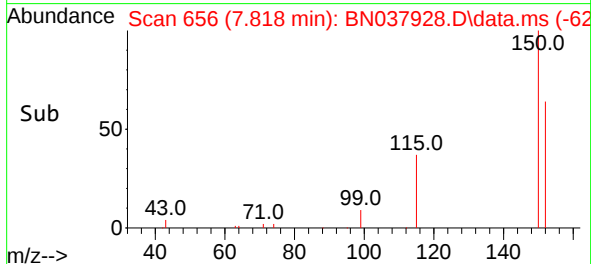


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037928.D
 Acq: 26 Sep 2025 16:46

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262

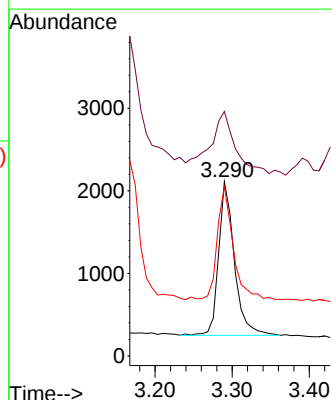
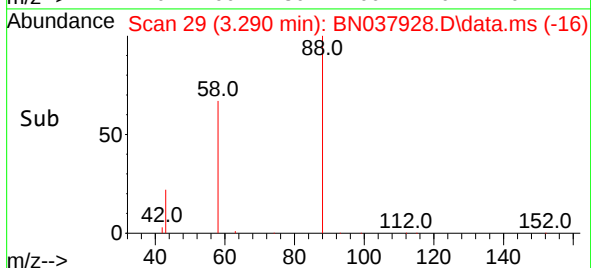
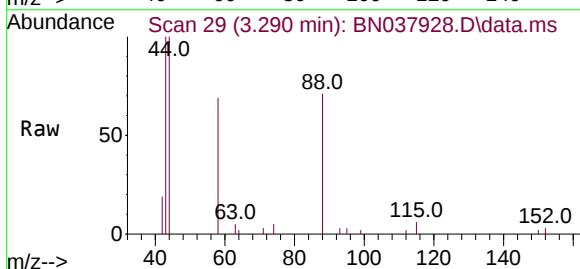


Tgt Ion:152 Resp: 6810
 Ion Ratio Lower Upper
 152 100
 150 155.0 121.0 181.4
 115 59.9 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.382 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037928.D
 Acq: 26 Sep 2025 16:46

Tgt Ion: 88 Resp: 2642
 Ion Ratio Lower Upper
 88 100
 43 61.1 26.6 39.8#
 58 74.6 58.9 88.3

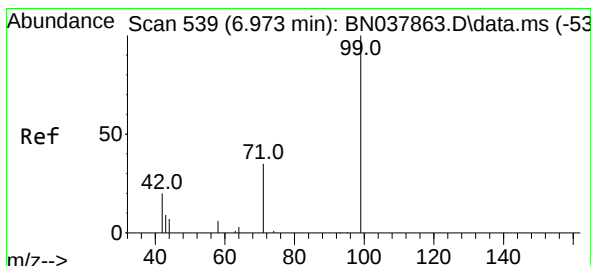
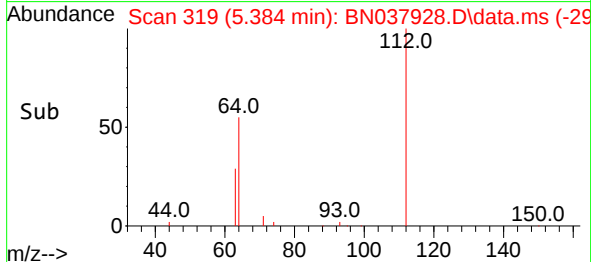
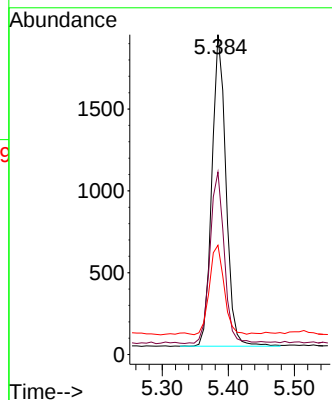
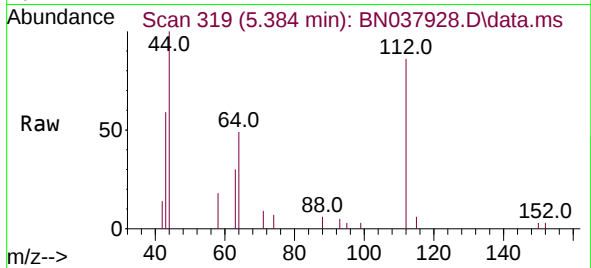




#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

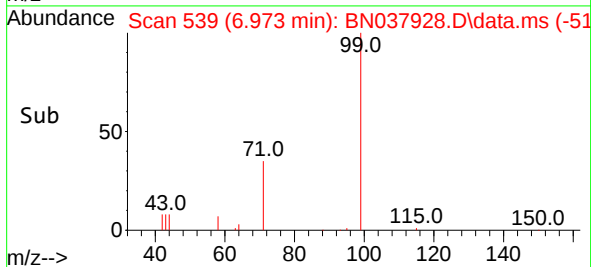
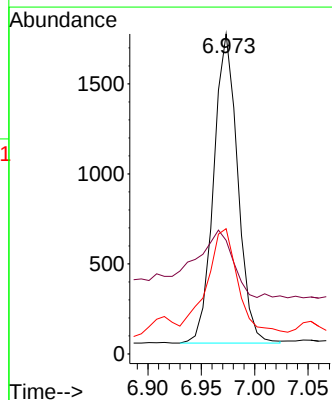
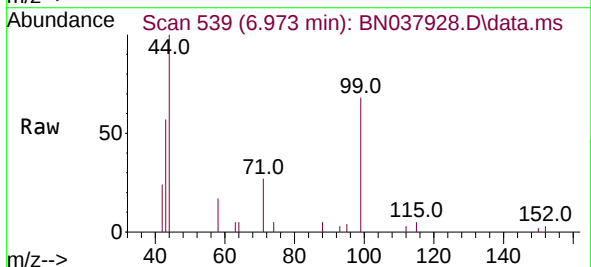
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

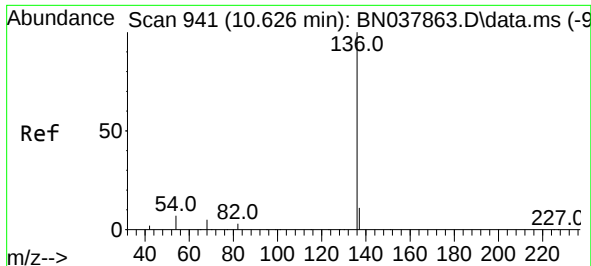
Tgt Ion:	112	Resp:	2823
Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.6	66.8
63	30.0	24.9	37.3



#5
Phenol-d6
Concen: 0.132 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Tgt Ion:	99	Resp:	2692
Ion	Ratio	Lower	Upper
99	100		
42	44.2	17.2	25.8#
71	47.1	27.3	40.9#

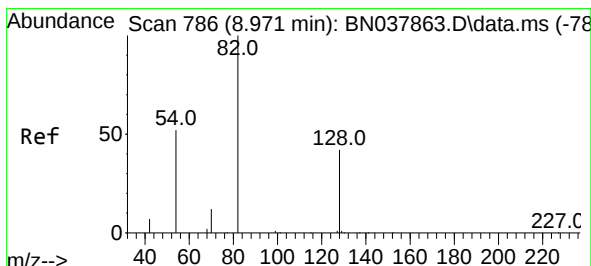
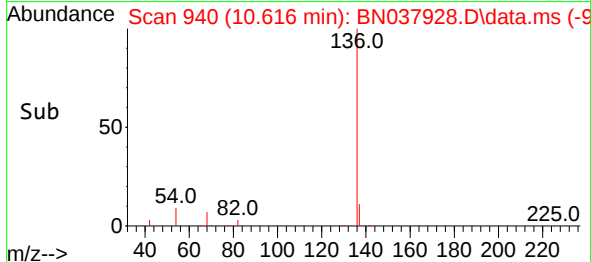
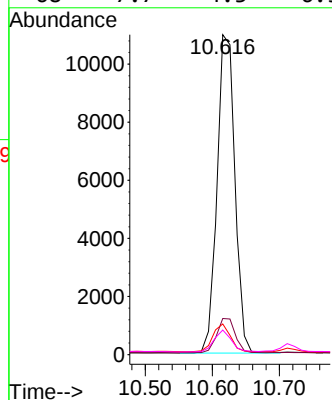
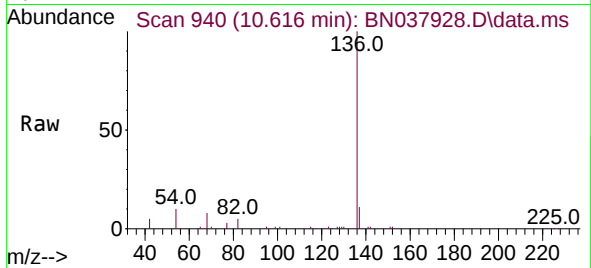




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

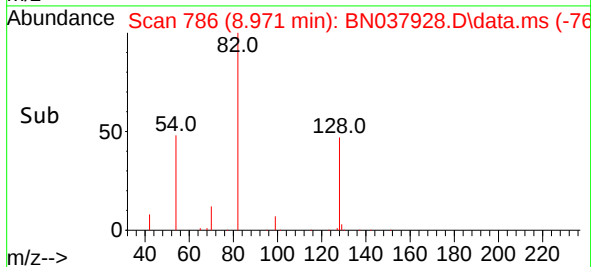
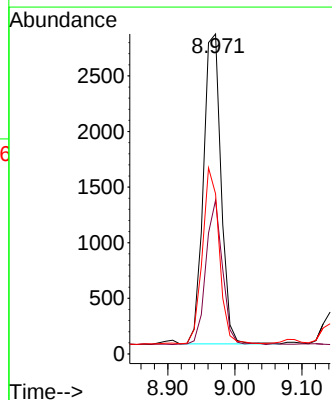
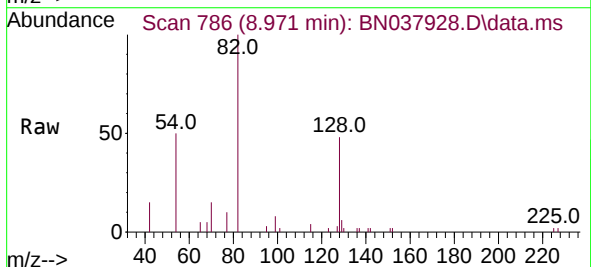
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

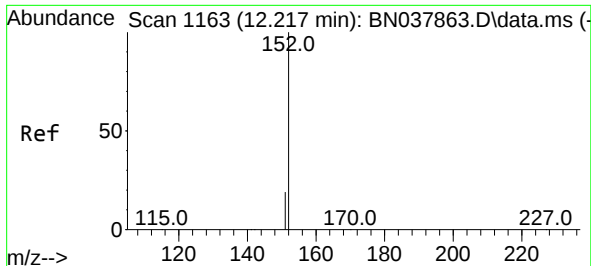
Tgt Ion:	136	Resp:	20262
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	9.6	5.8	8.8#
68	7.7	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Tgt Ion:	82	Resp:	5091
Ion Ratio	Lower	Upper	
82	100		
128	48.1	34.8	52.2
54	50.0	42.2	63.2

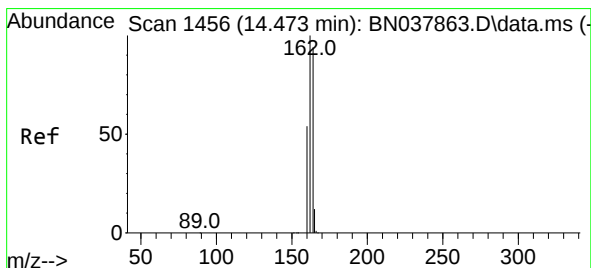
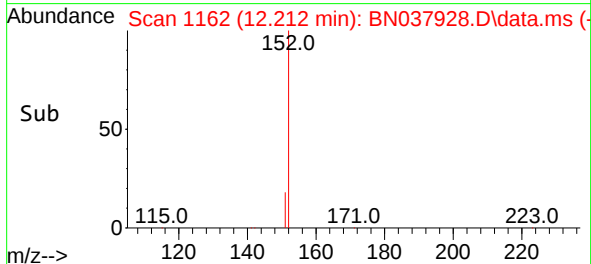
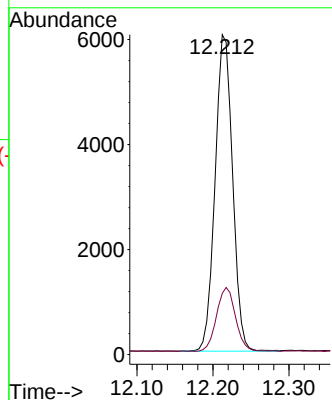
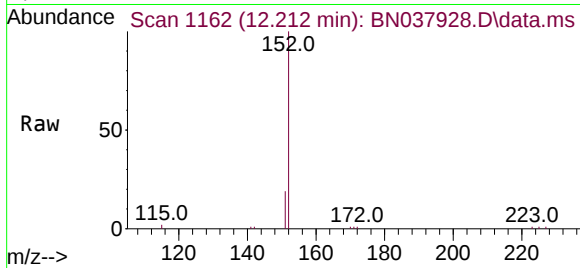




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

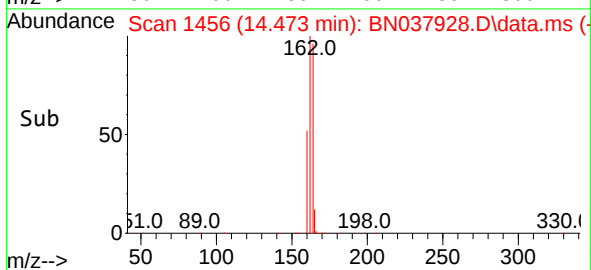
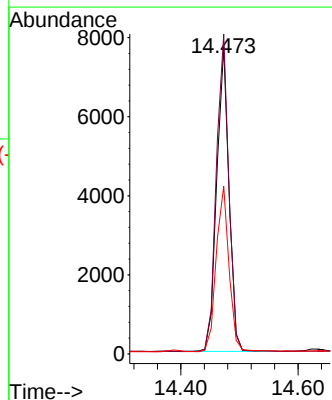
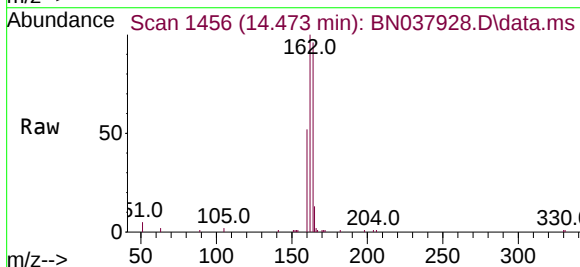
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

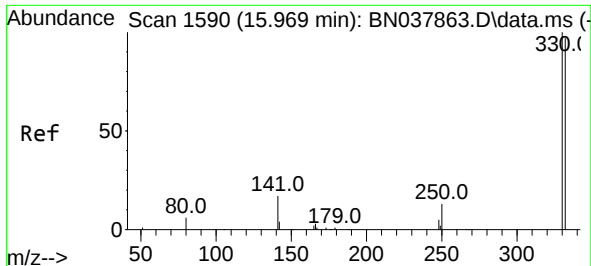
Tgt Ion:152 Resp: 9654
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

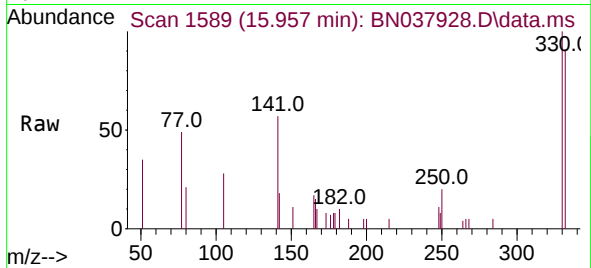
Tgt Ion:164 Resp: 11259
Ion Ratio Lower Upper
164 100
162 104.2 84.8 127.2
160 54.6 46.1 69.1



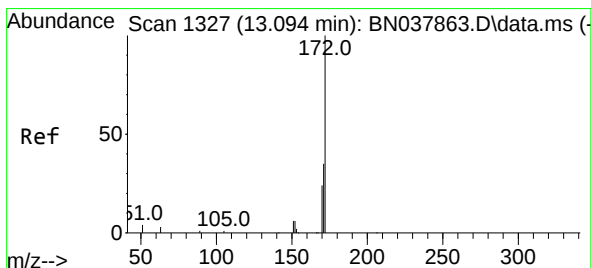
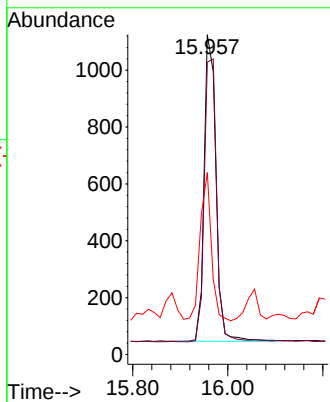
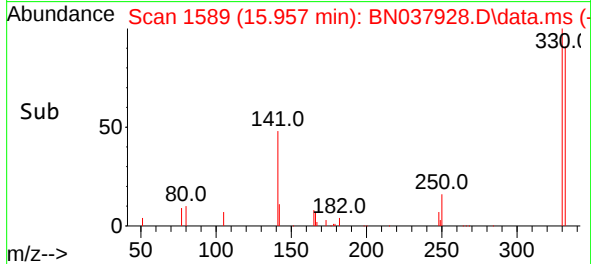


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

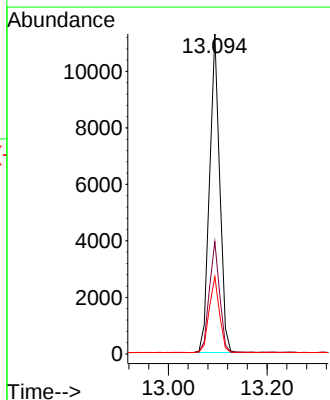
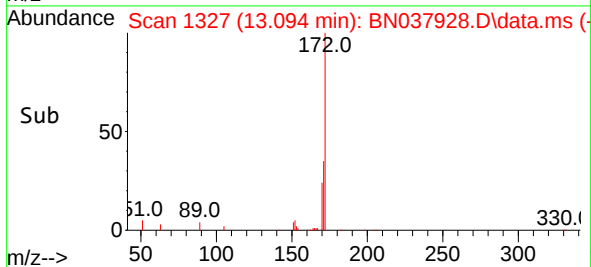
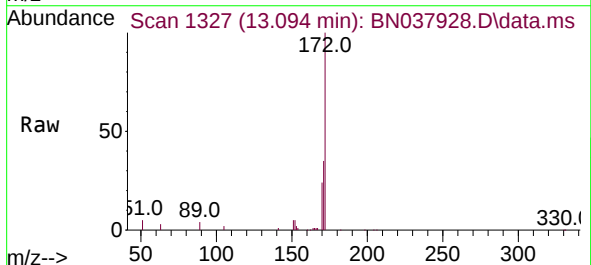


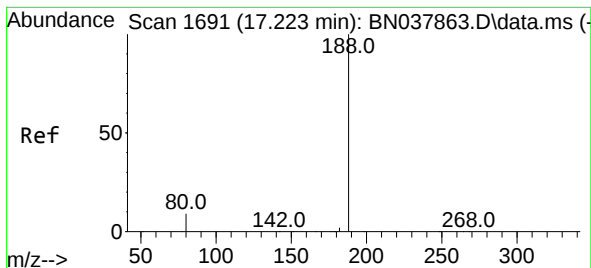
Tgt Ion:330 Resp: 1851
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 45.8 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Tgt Ion:172 Resp: 16146
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.1 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

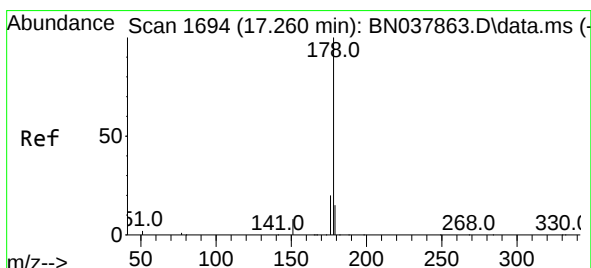
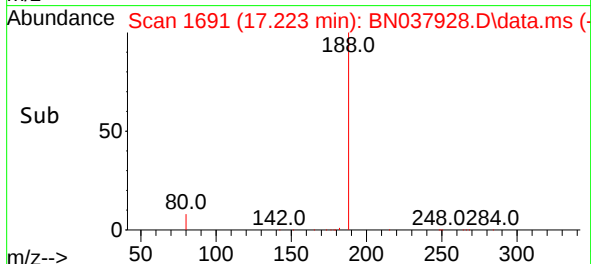
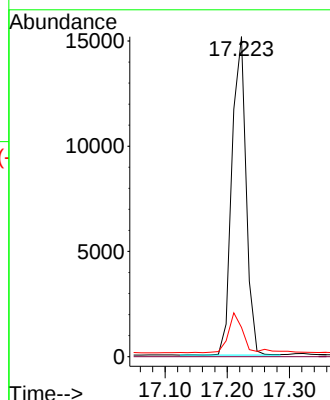
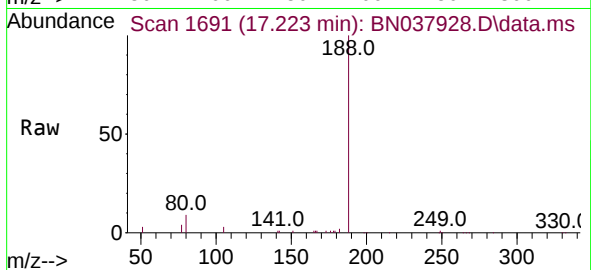
Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-260-262

Tgt Ion:188	Resp:	23933
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.2	11.4



#25

Phenanthrene

Concen: 0.037 ng

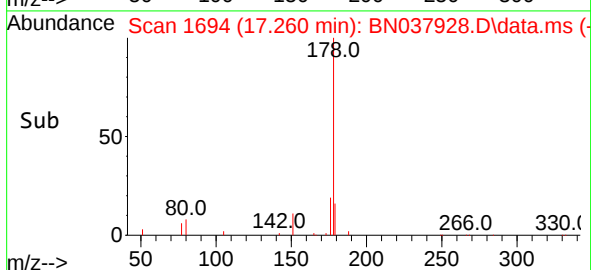
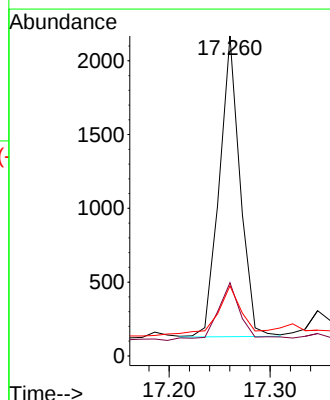
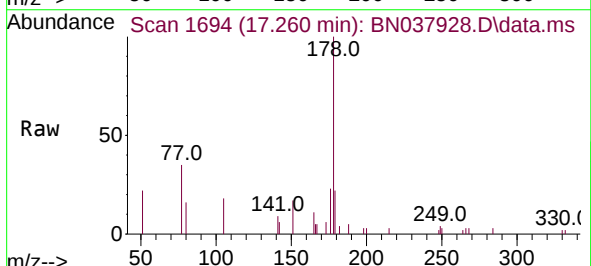
RT: 17.260 min Scan# 1694

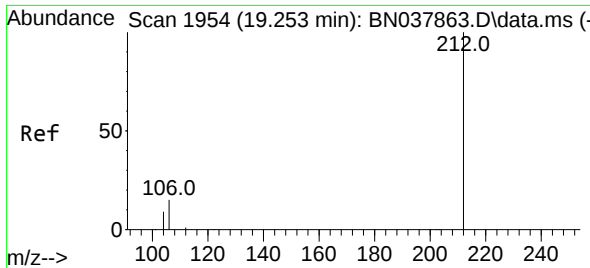
Delta R.T. -0.000 min

Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

Tgt Ion:178	Resp:	2911
Ion Ratio	Lower	Upper
178	100	
176	25.9	15.7
179	21.1	12.3

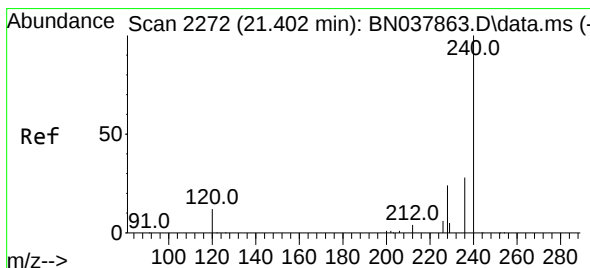
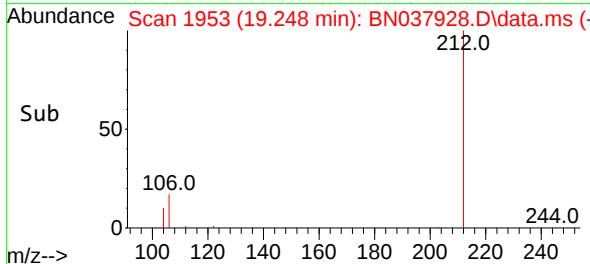
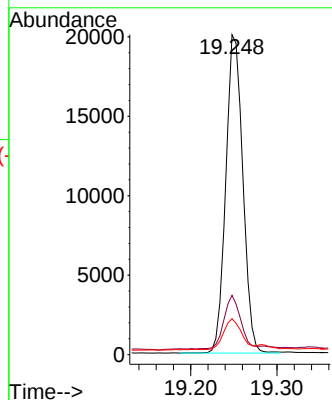
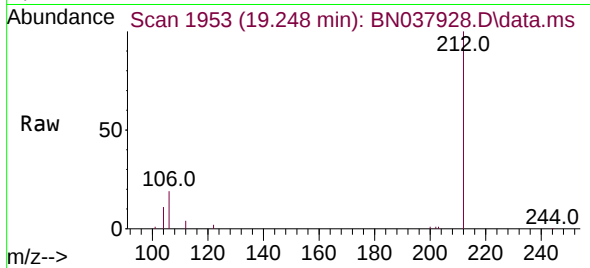




#27
Fluoranthene-d10
Concen: 0.455 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

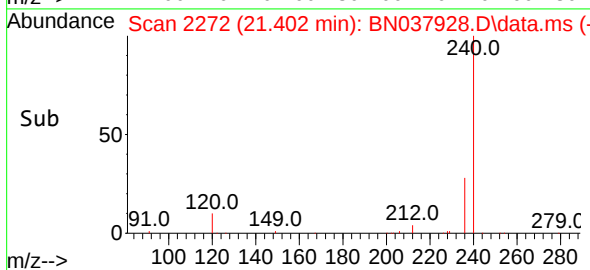
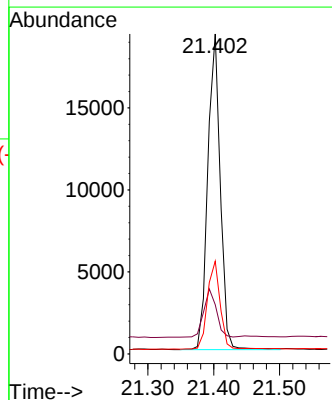
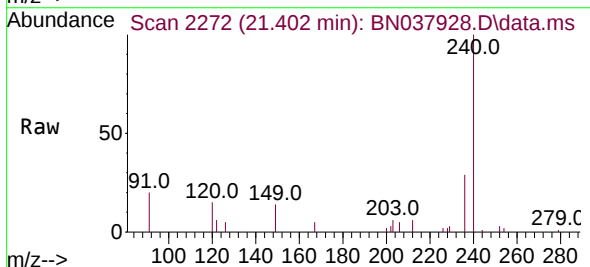
Instrument :
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BP-VPB-184-GW-260-262

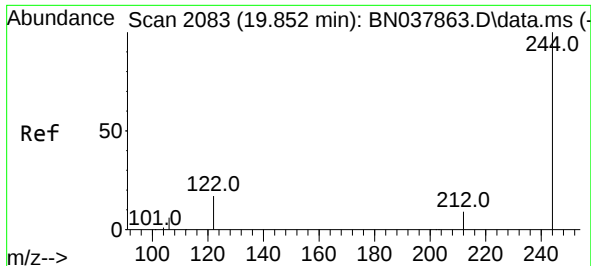
Tgt Ion:212 Resp: 27420
Ion Ratio Lower Upper
212 100
106 19.6 12.6 19.0#
104 10.2 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Tgt Ion:240 Resp: 25277
Ion Ratio Lower Upper
240 100
120 15.4 11.4 17.2
236 29.0 23.0 34.6

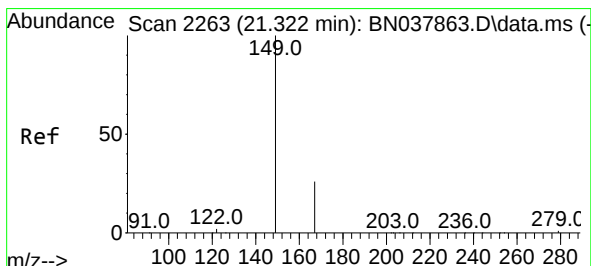
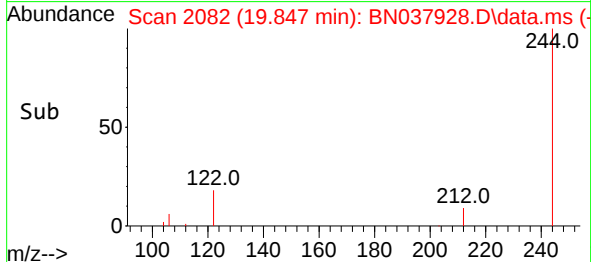
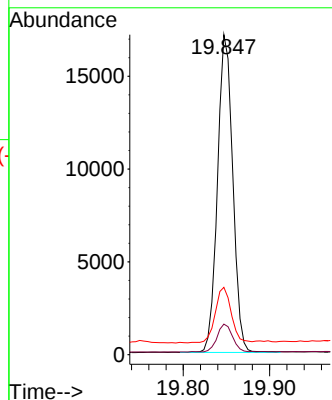
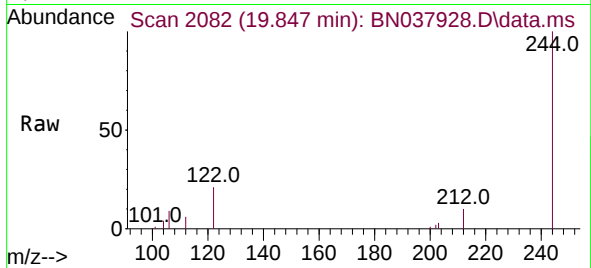




#31
 Terphenyl-d14
 Concen: 0.416 ng
 RT: 19.847 min Scan# 2082
 Delta R.T. -0.005 min
 Lab File: BN037928.D
 Acq: 26 Sep 2025 16:46

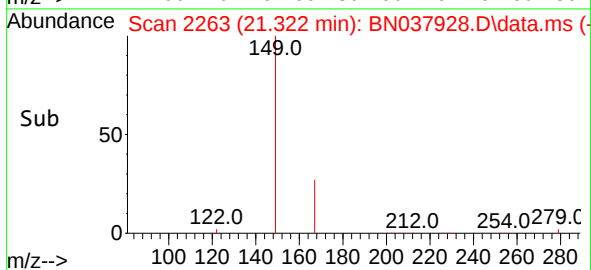
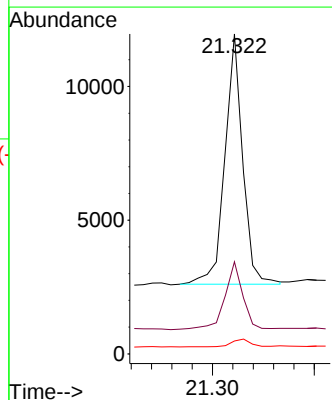
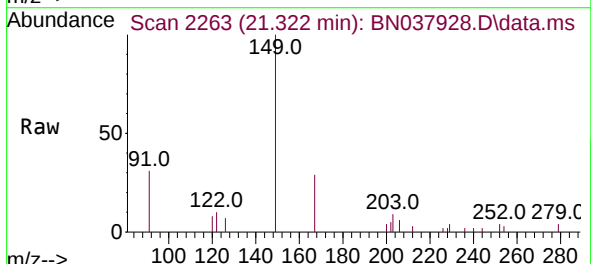
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262

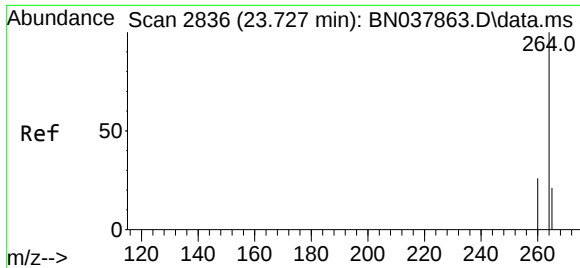
Tgt Ion:244 Resp: 20959
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.6 11.4
 122 21.0 13.9 20.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.326 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: BN037928.D
 Acq: 26 Sep 2025 16:46

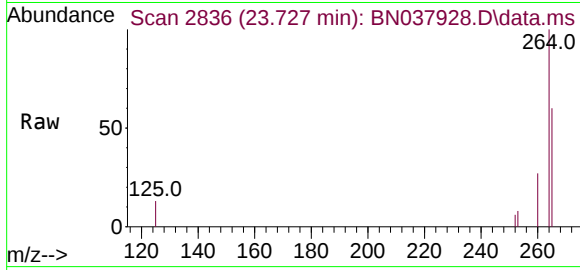
Tgt Ion:149 Resp: 11403
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.4 30.6
 279 3.6 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.727 min Scan# 2836
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262



Tgt Ion:264 Resp: 24036

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.5	32.3
265	59.9	53.8	80.6

