

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037910.D
 Acq On : 26 Sep 2025 04:41
 Operator : RC/JU
 Sample : Q3156-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 07:39:20 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)

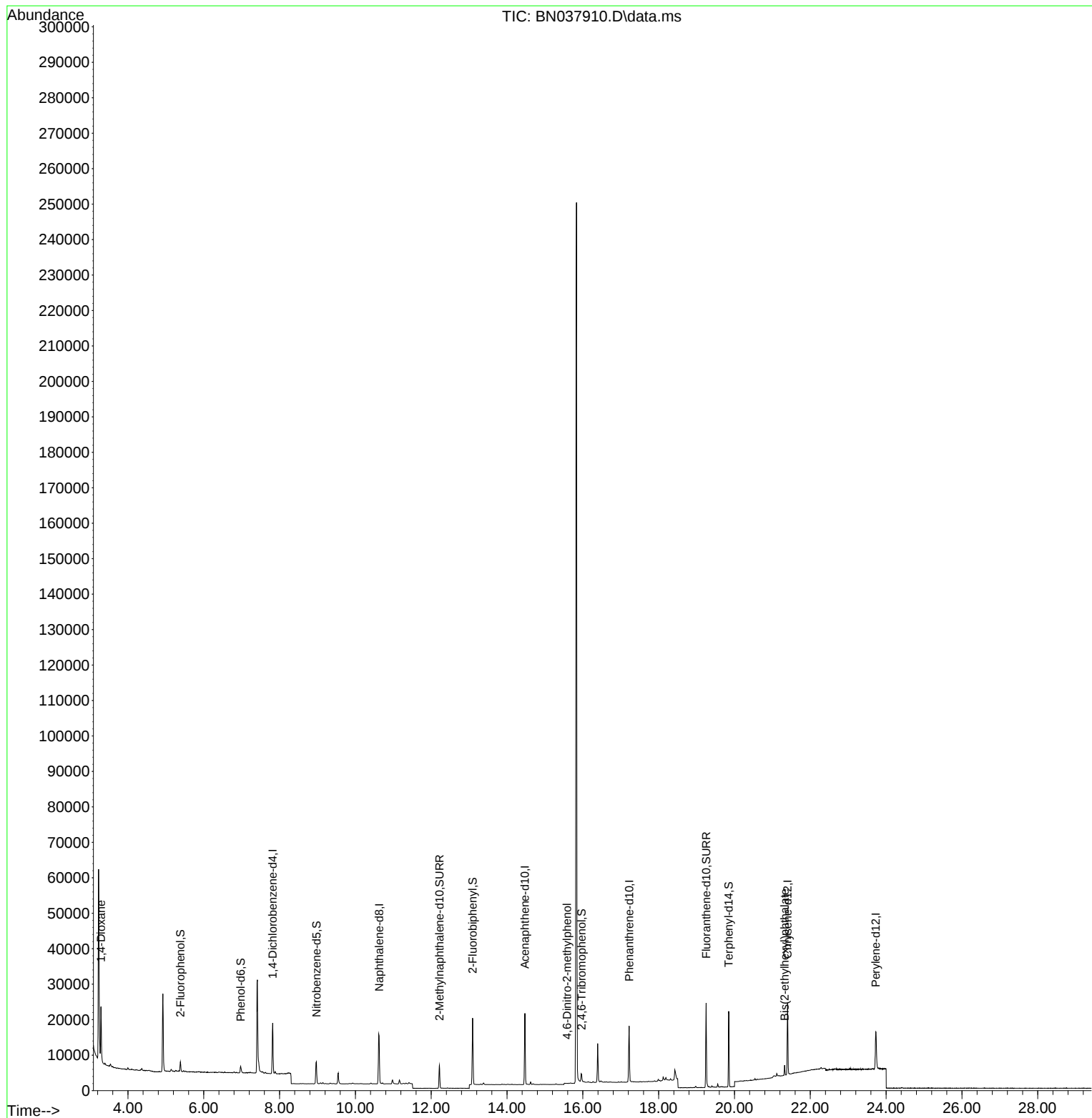
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6685	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	20112	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10348	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	21581	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17777	0.400	ng	0.00
35) Perylene-d12	23.730	264	15083	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2170	0.142	ng	0.00
5) Phenol-d6	6.973	99	1651	0.082	ng	0.00
8) Nitrobenzene-d5	8.971	82	5337	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8685	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1434	0.365	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15469	0.365	ng	0.00
27) Fluoranthene-d10	19.253	212	24917	0.459	ng	0.00
31) Terphenyl-d14	19.847	244	19156	0.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	9412	1.387	ng	99
20) 4,6-Dinitro-2-methylph...	15.585	198	7	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	2695	0.110	ng	# 98

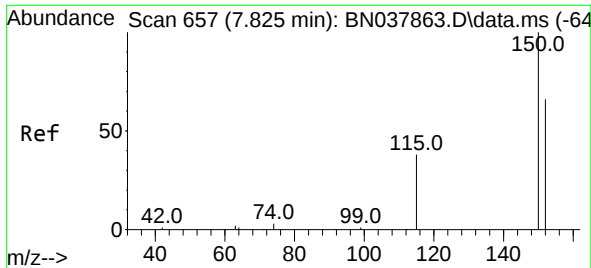
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037910.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
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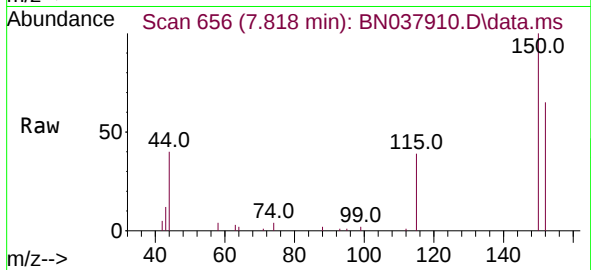
Quant Time: Sep 26 07:39:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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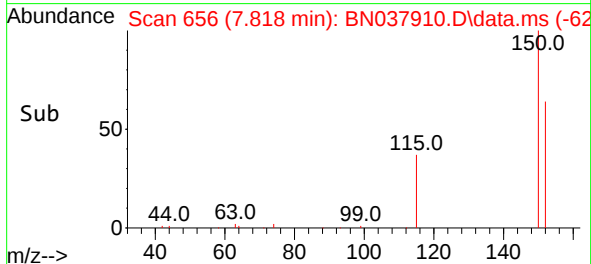
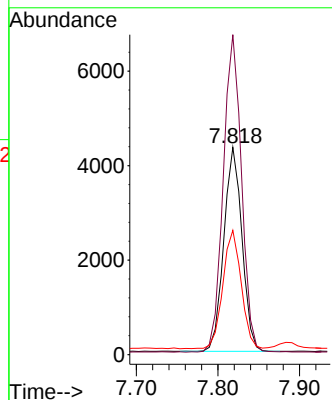
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037910.D
 Acq: 26 Sep 2025 04:41

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 6685

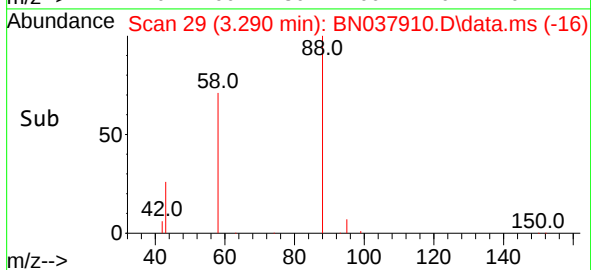
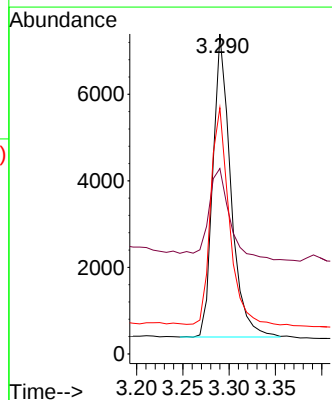
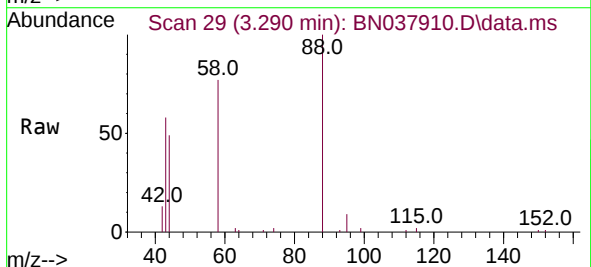
Ion	Ratio	Lower	Upper
152	100		
150	154.3	121.0	181.4
115	59.9	47.4	71.0



#2
 1,4-Dioxane
 Concen: 1.387 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037910.D
 Acq: 26 Sep 2025 04:41

Tgt Ion: 88 Resp: 9412

Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.6	39.8
58	74.0	58.9	88.3

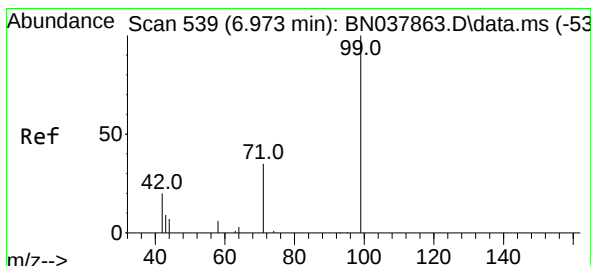
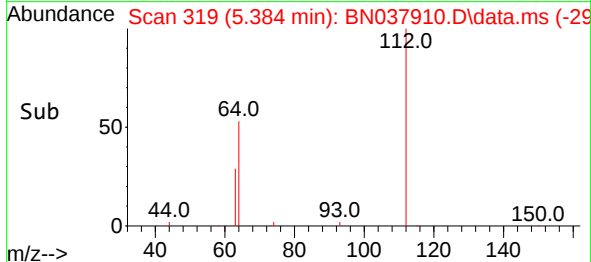
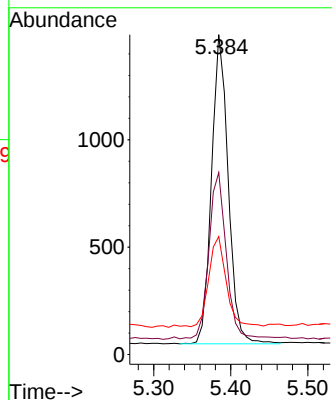
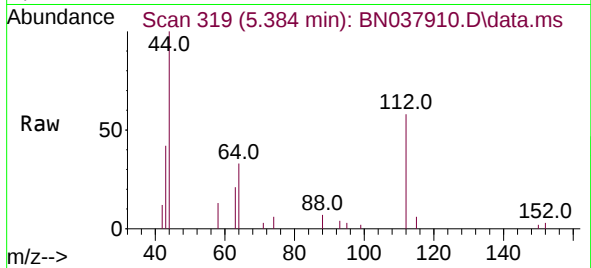




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

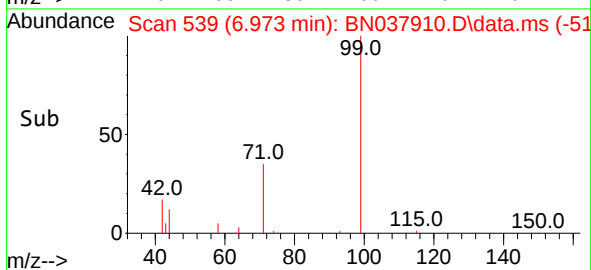
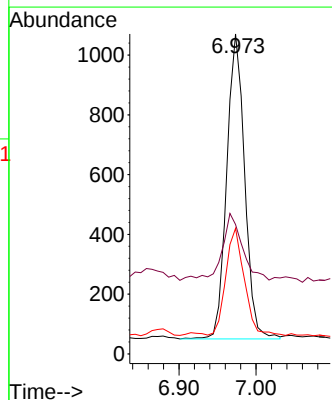
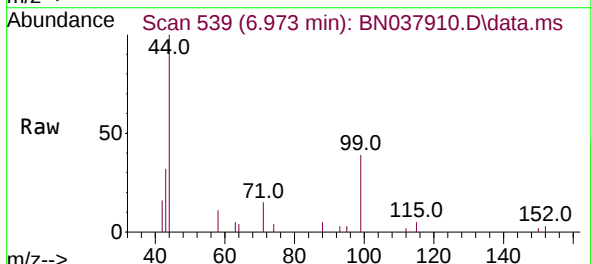
Instrument :
BNA_N
ClientSampleId :

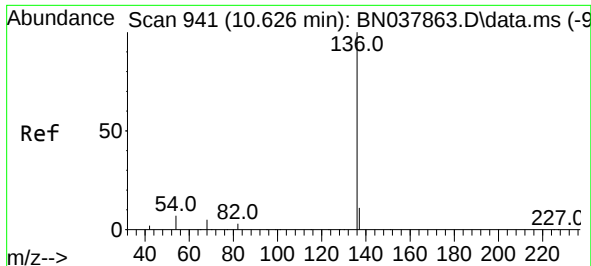
Tgt Ion: 112 Resp: 2170
Ion Ratio Lower Upper
112 100
64 56.6 44.6 66.8
63 30.2 24.9 37.3



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

Tgt Ion: 99 Resp: 1651
Ion Ratio Lower Upper
99 100
42 25.2 17.2 25.8
71 36.2 27.3 40.9

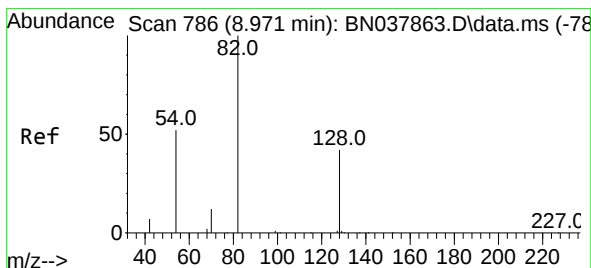
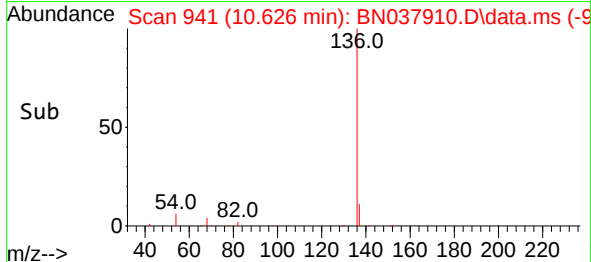
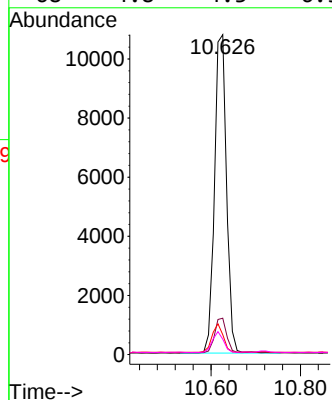
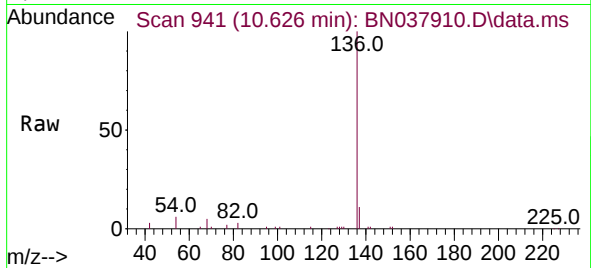




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

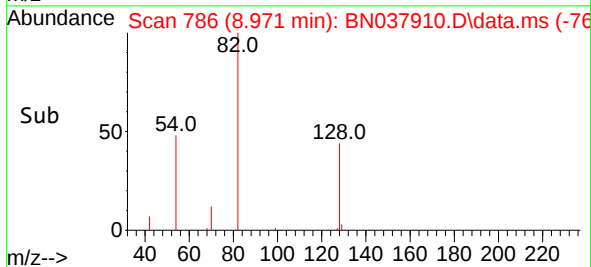
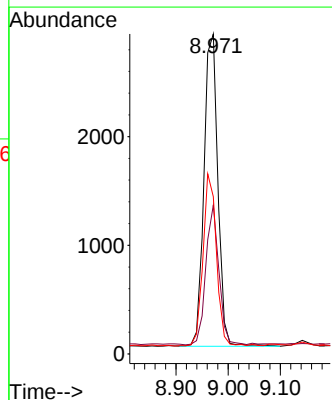
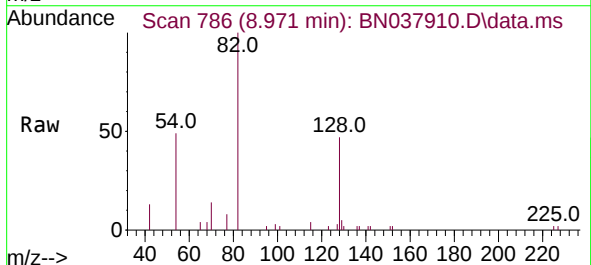
Instrument :
BNA_N
ClientSampleId :

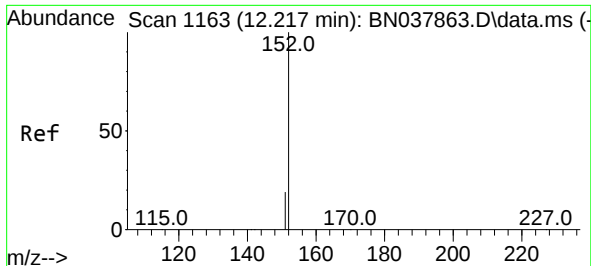
Tgt Ion:136	Resp:	20112
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	6.2	5.8 8.8
68	4.8	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

Tgt Ion: 82	Resp:	5337
Ion Ratio	Lower	Upper
82	100	
128	46.5	34.8 52.2
54	49.1	42.2 63.2

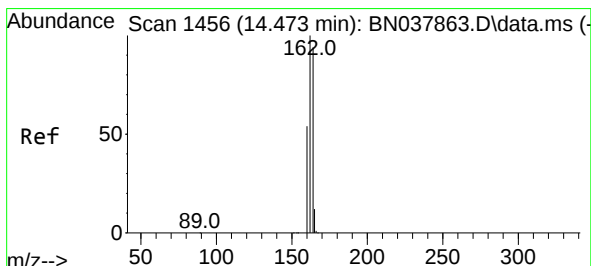
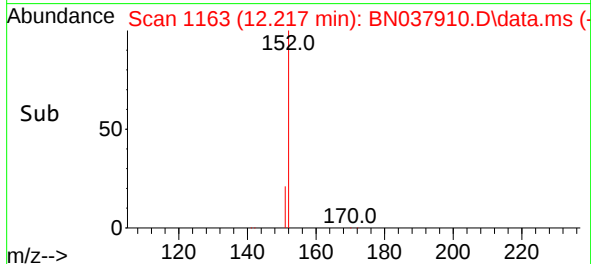
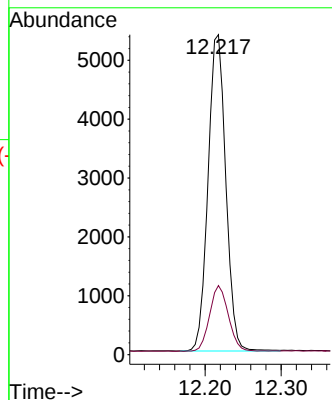
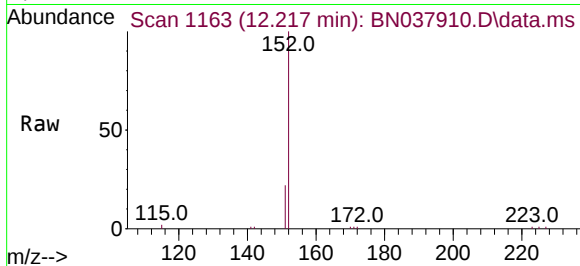




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.217 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

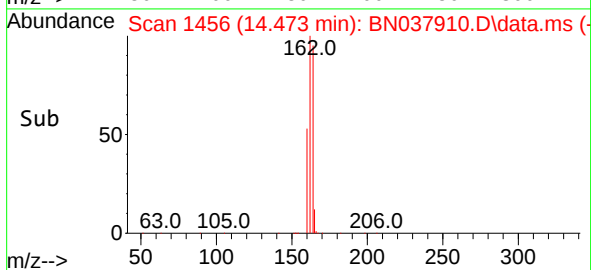
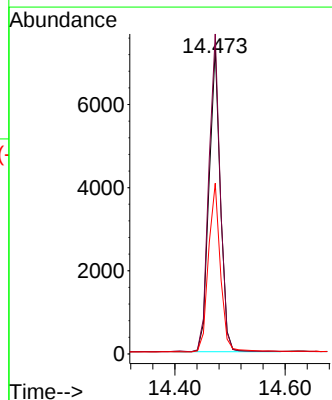
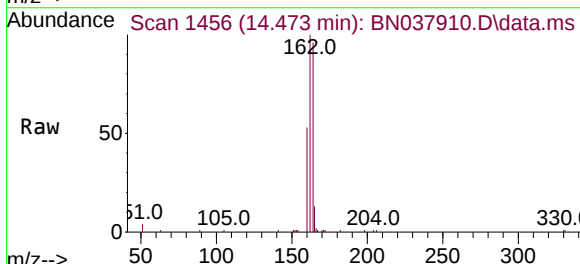
Instrument :
BNA_N
ClientSampleId :

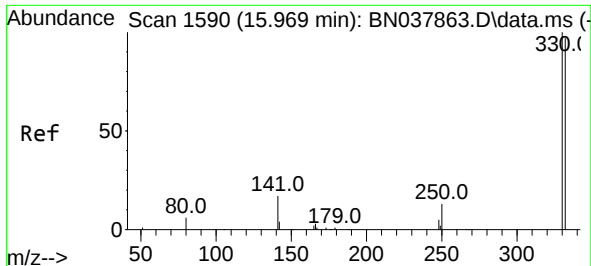
Tgt Ion:152 Resp: 8685
Ion Ratio Lower Upper
152 100
151 22.0 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

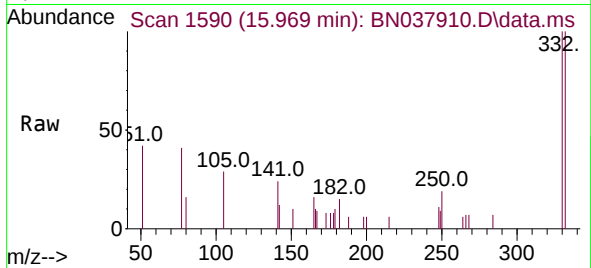
Tgt Ion:164 Resp: 10348
Ion Ratio Lower Upper
164 100
162 104.6 84.8 127.2
160 55.8 46.1 69.1



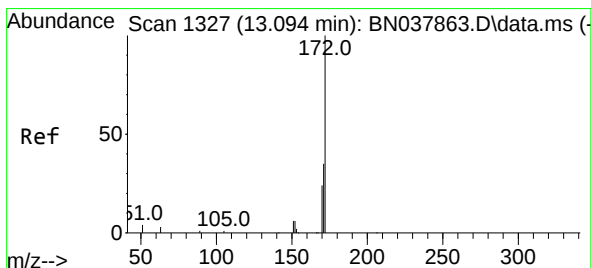
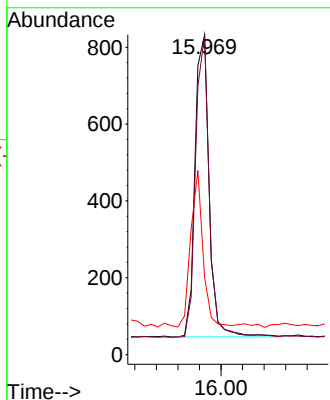
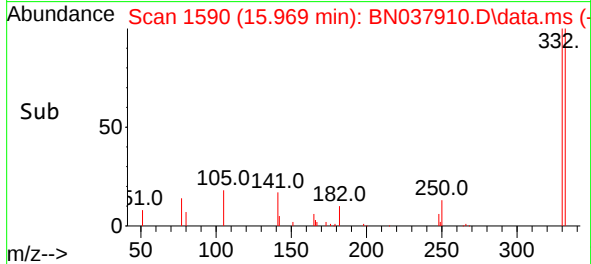


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

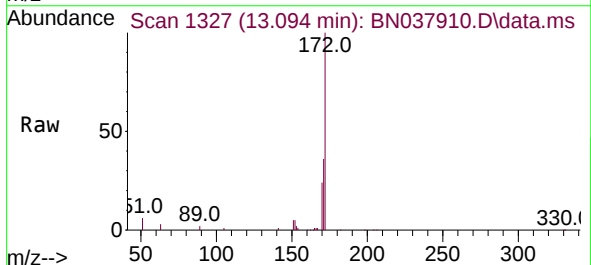
Instrument :
BNA_N
ClientSampleId :



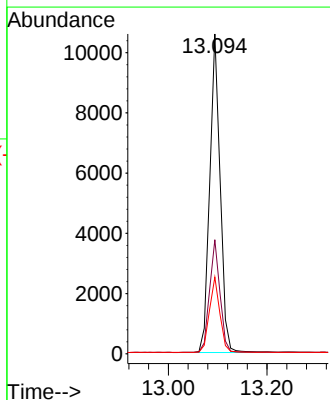
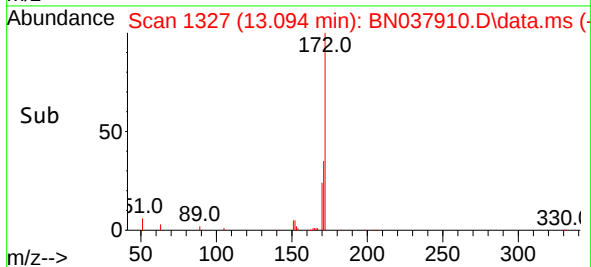
Tgt Ion:330 Resp: 1434
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 46.0 37.2 55.8

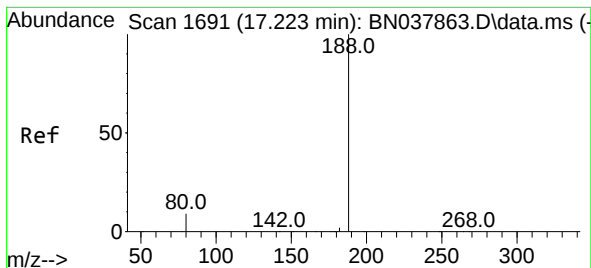


#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41



Tgt Ion:172 Resp: 15469
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.0 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 10

Delta R.T. 0.000 min

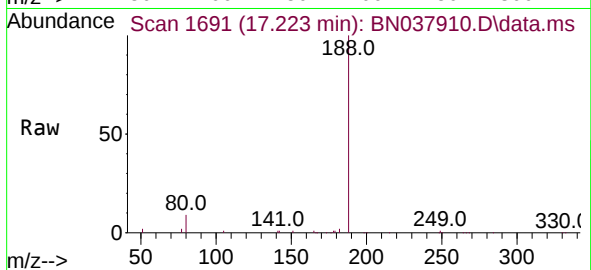
Lab File: BN037910.D

Acq: 26 Sep 2025 04:41

Instrument :

BNA_N

ClientSampleId :



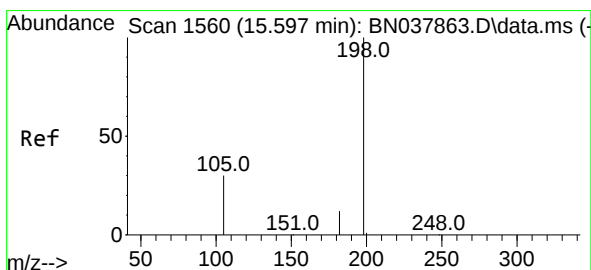
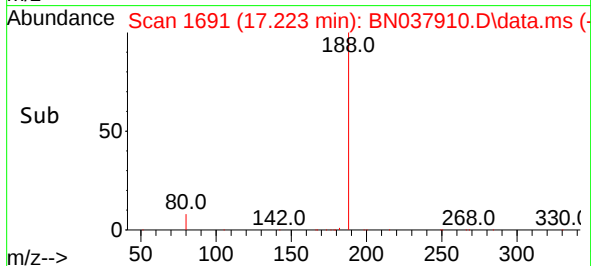
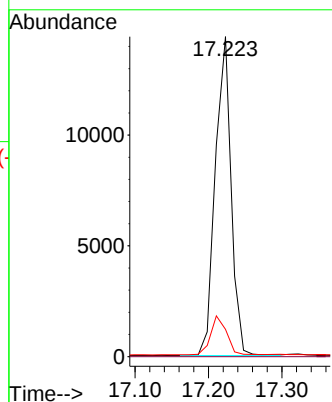
Tgt Ion:188 Resp: 21581

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 7.6 11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.070 ng

RT: 15.585 min Scan# 1559

Delta R.T. -0.012 min

Lab File: BN037910.D

Acq: 26 Sep 2025 04:41

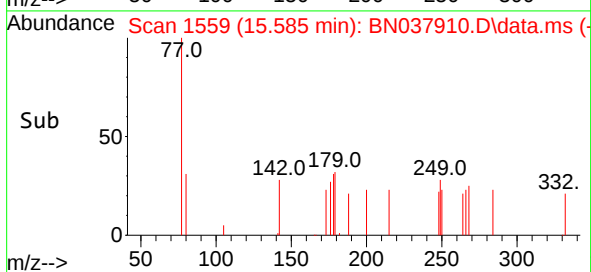
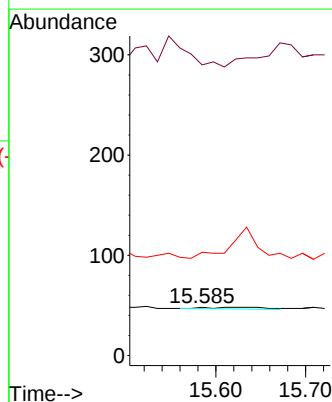
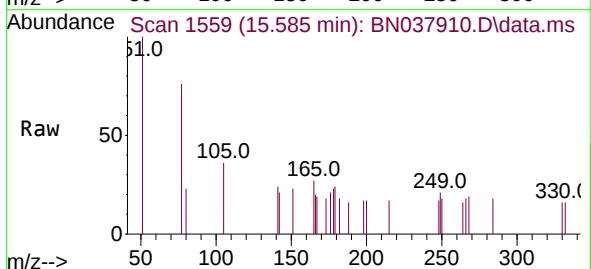
Tgt Ion:198 Resp: 7

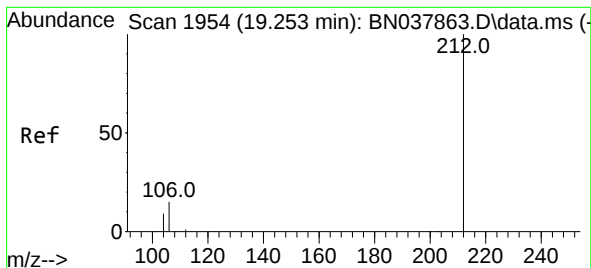
Ion Ratio Lower Upper

198 100

51 604.2 59.1 88.7#

105 214.6 41.3 61.9#





#27

Fluoranthene-d10

Concen: 0.459 ng

RT: 19.253 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BN037910.D

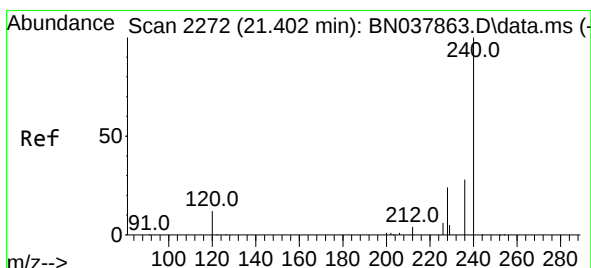
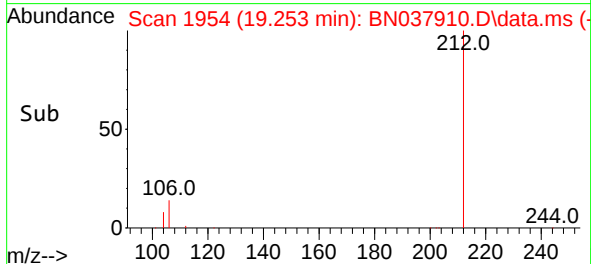
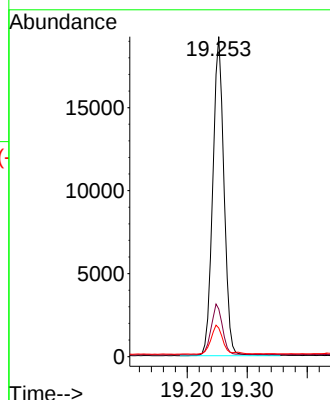
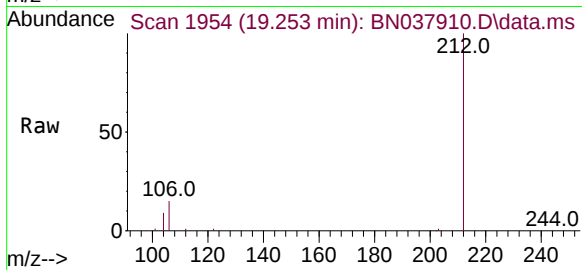
Acq: 26 Sep 2025 04:41

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:212	Resp:	24917
Ion Ratio	Lower	Upper
212	100	
106	16.3	12.6 19.0
104	9.2	7.4 11.0



#29

Chrysene-d12

Concen: 0.400 ng

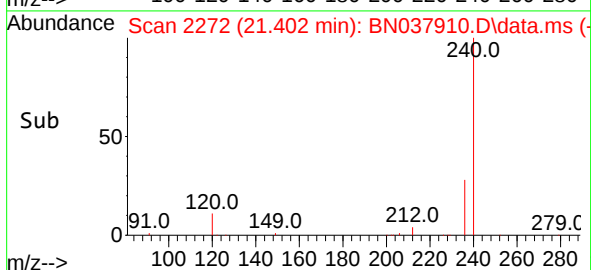
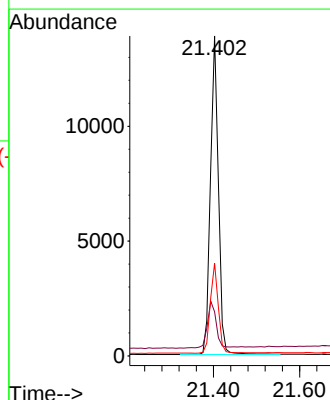
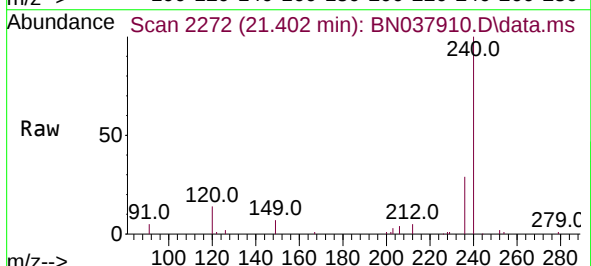
RT: 21.402 min Scan# 2272

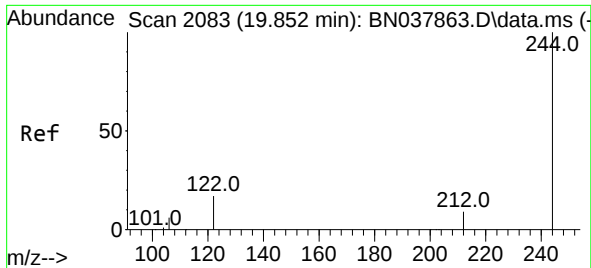
Delta R.T. 0.000 min

Lab File: BN037910.D

Acq: 26 Sep 2025 04:41

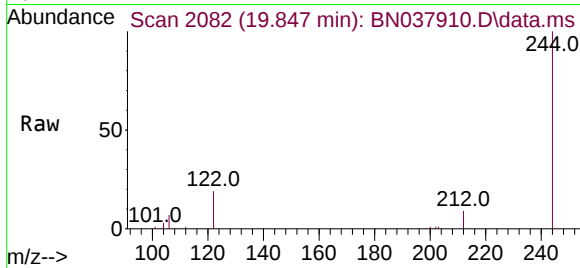
Tgt Ion:240	Resp:	17777
Ion Ratio	Lower	Upper
240	100	
120	13.8	11.4 17.2
236	29.0	23.0 34.6



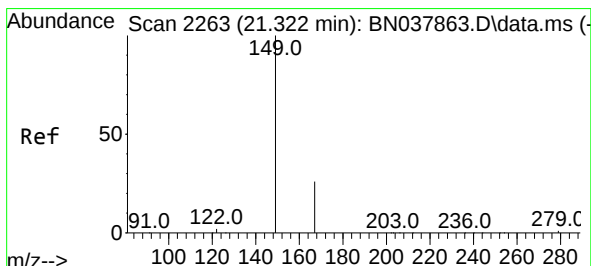
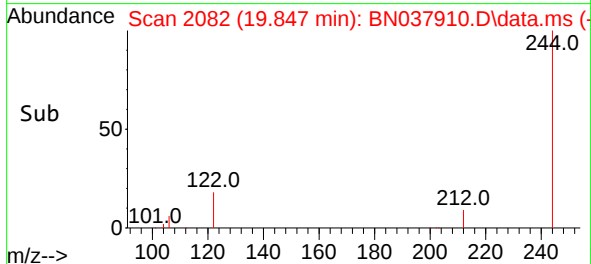
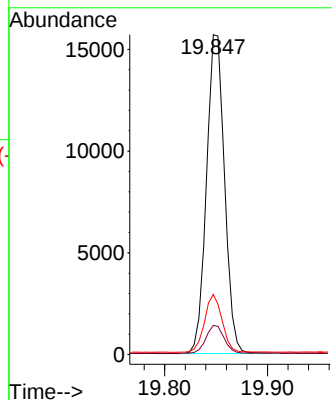


#31
 Terphenyl-d14
 Concen: 0.541 ng
 RT: 19.847 min Scan# 2082
 Delta R.T. -0.005 min
 Lab File: BN037910.D
 Acq: 26 Sep 2025 04:41

Instrument :
 BNA_N
 ClientSampleId :

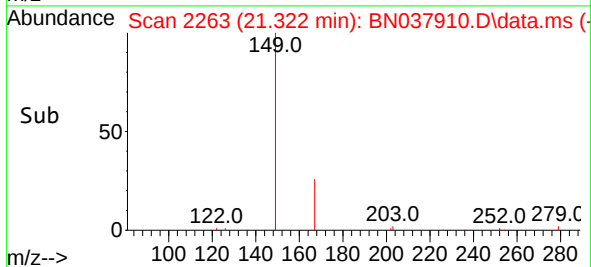
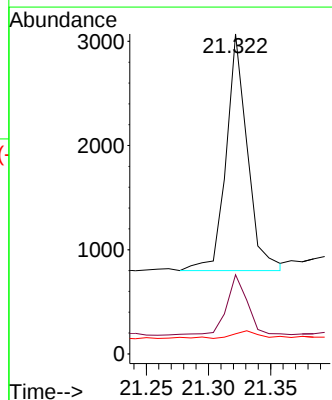
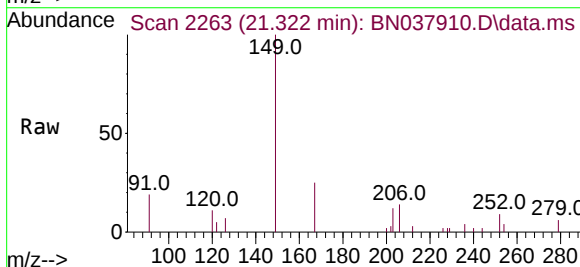


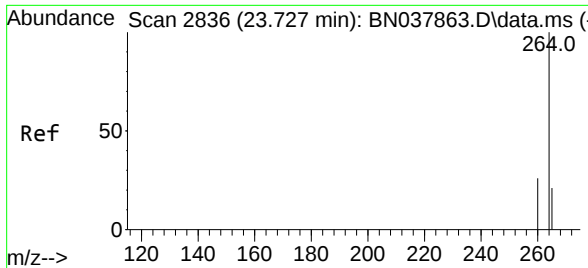
Tgt Ion:244 Resp: 19156
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.6 11.4
 122 18.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: BN037910.D
 Acq: 26 Sep 2025 04:41

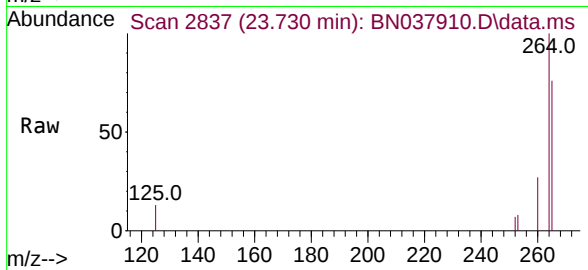
Tgt Ion:149 Resp: 2695
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.4 30.6
 279 4.0 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 2837
Delta R.T. 0.003 min
Lab File: BN037910.D
Acq: 26 Sep 2025 04:41

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 15083

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.5	32.3
265	76.2	53.8	80.6

