

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037918.D
 Acq On : 26 Sep 2025 09:32
 Operator : RC/JU
 Sample : Q3156-20
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 11:04:08 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)

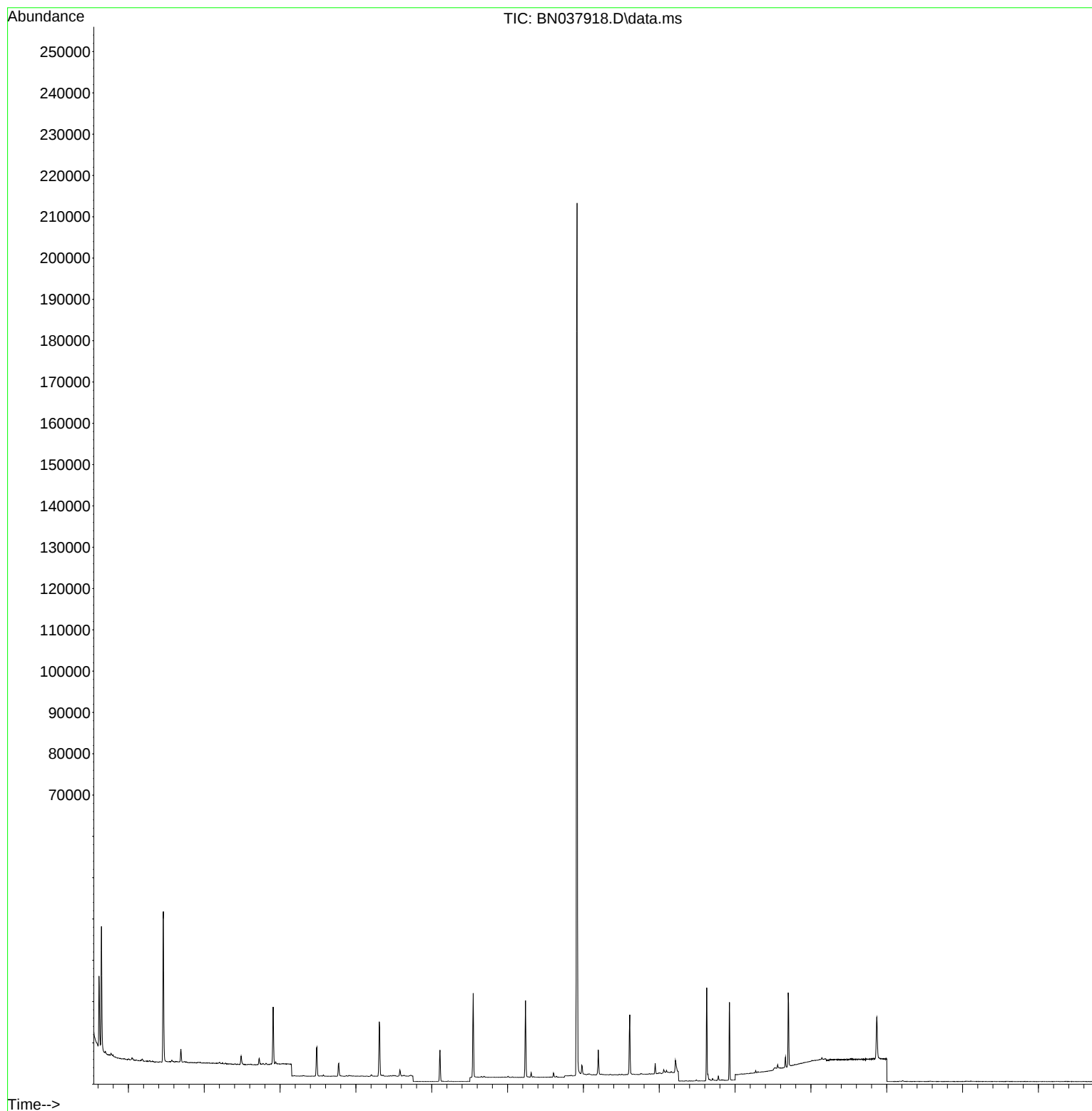
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6521	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	18178	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	9526	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	19646	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16645	0.400	ng	# 0.00
35) Perylene-d12	23.739	264	14529	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2535	0.170	ng	0.00
5) Phenol-d6	6.973	99	1867	0.095	ng	0.00
8) Nitrobenzene-d5	8.971	82	5894	0.425	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	10045	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1380	0.382	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	16376	0.420	ng	0.00
27) Fluoranthene-d10	19.253	212	23544	0.476	ng	0.00
31) Terphenyl-d14	19.852	244	17155	0.517	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	18798	2.840	ng	99
20) 4,6-Dinitro-2-methylph...	15.622	198	5	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.331	149	2727	0.119	ng	# 99

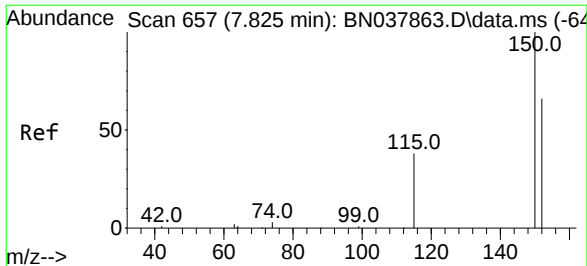
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
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Operator : RC/JU
Sample : Q3156-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

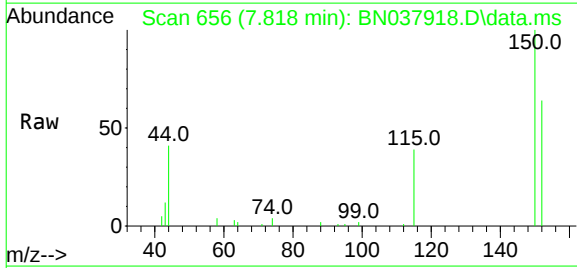
Quant Time: Sep 26 11:04:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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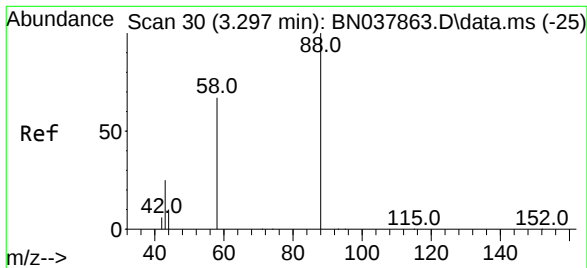
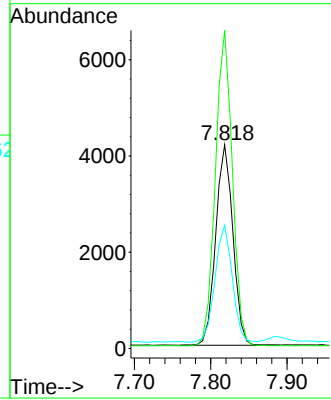
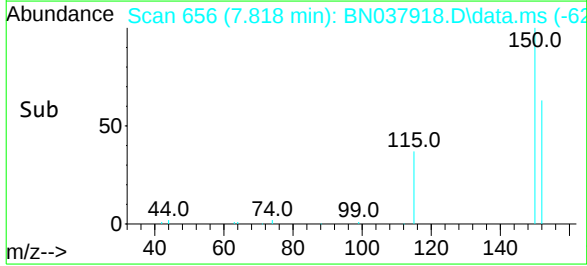


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

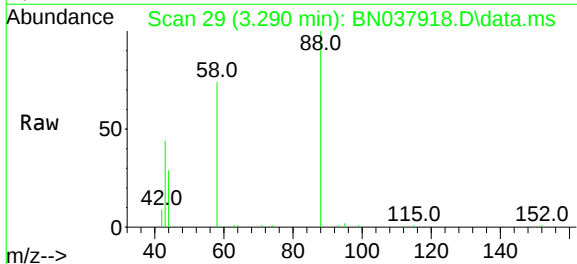
Instrument :
BNA_N
ClientSampleId :



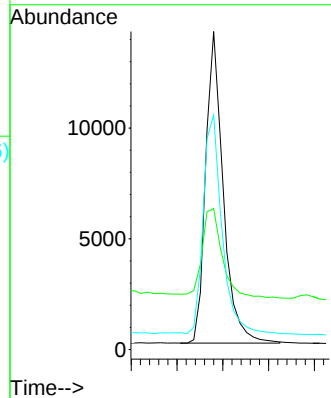
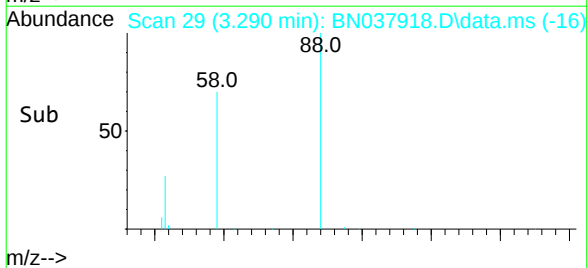
Tgt Ion: 152 Resp: 6521
Ion Ratio Lower Upper
152 100
150 156.2 121.0 181.4
115 60.5 47.4 71.0

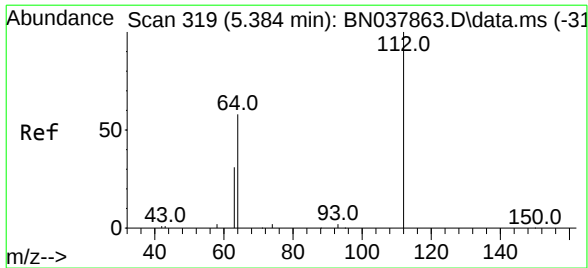


#2
1,4-Dioxane
Concen: 2.840 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32



Tgt Ion: 88 Resp: 18798
Ion Ratio Lower Upper
88 100
43 33.1 26.6 39.8
58 74.2 58.9 88.3

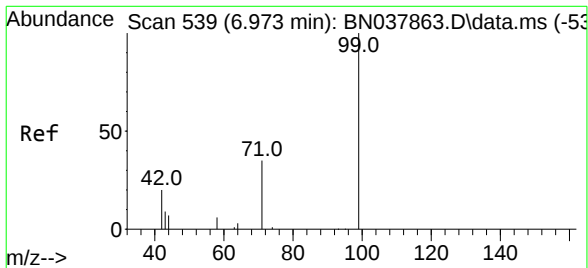
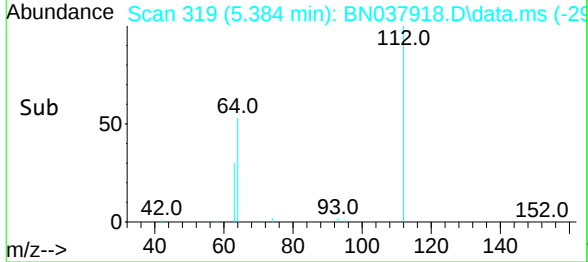
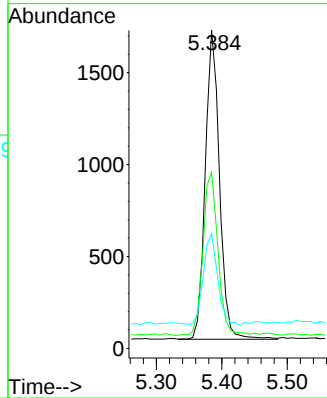
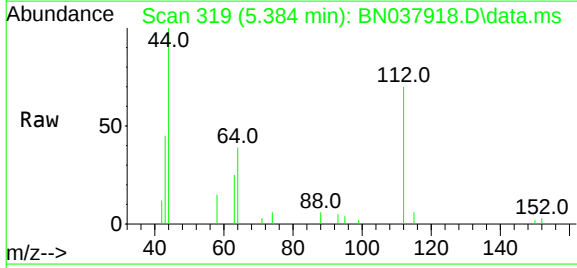




#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

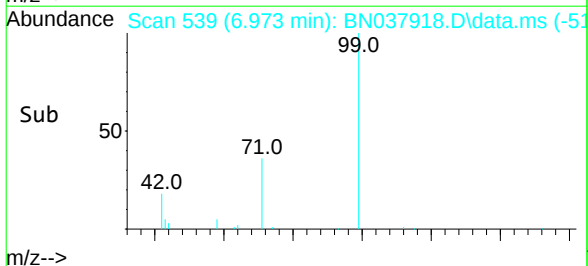
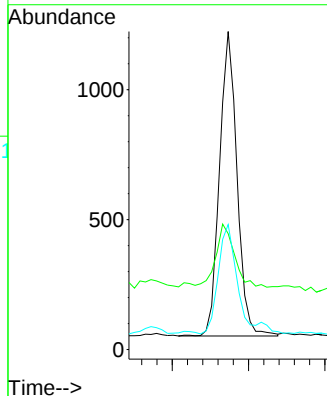
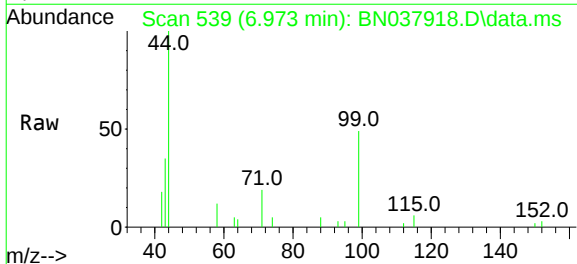
Instrument :
BNA_N
ClientSampleId :

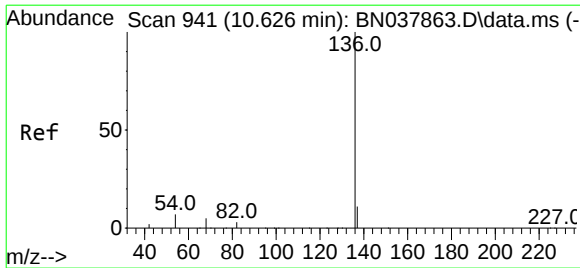
Tgt Ion:	112	Resp:	2535
Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.6	66.8
63	29.9	24.9	37.3



#5
Phenol-d6
Concen: 0.095 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

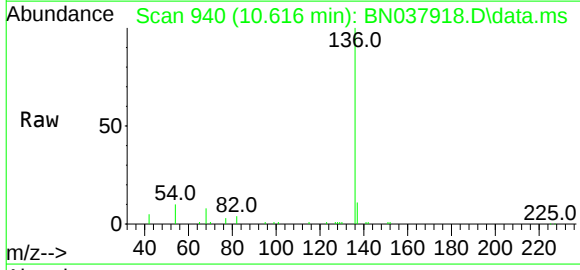
Tgt Ion:	99	Resp:	1867
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.2	25.8
71	40.4	27.3	40.9



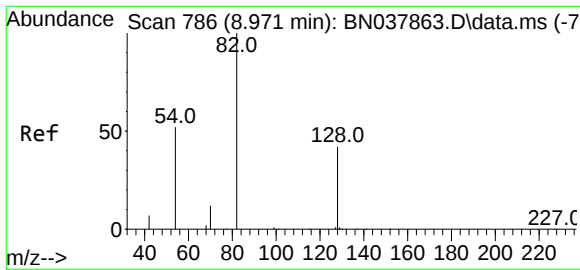
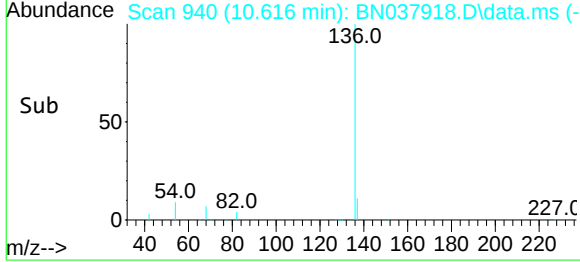
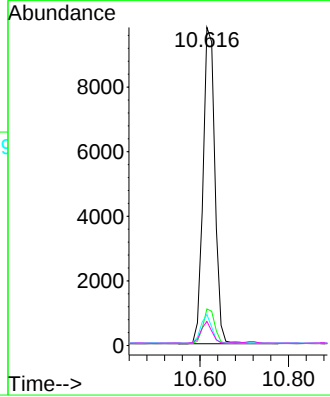


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Instrument :
BNA_N
ClientSampleId :

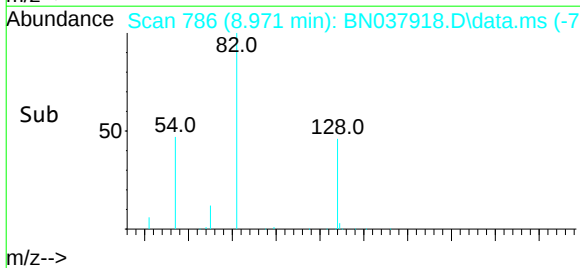
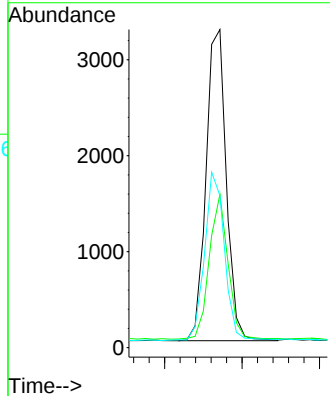
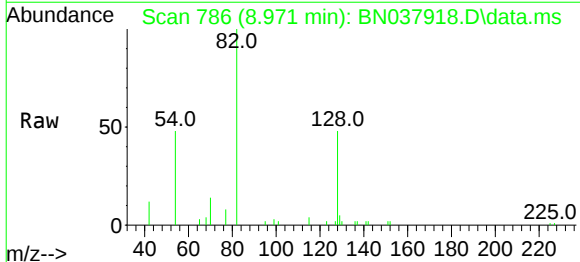


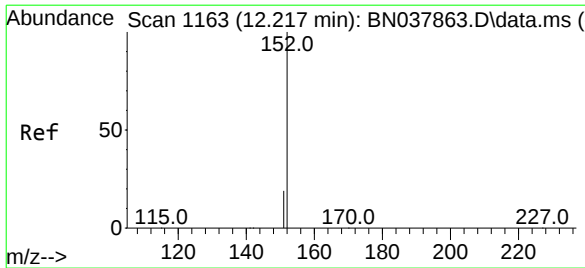
Tgt Ion:	136	Resp:	18178
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.7	5.8	8.8#
68	7.6	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

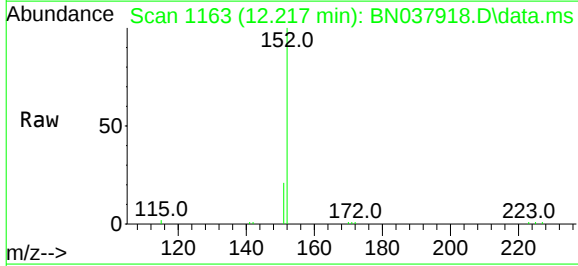
Tgt Ion:	82	Resp:	5894
Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.8	52.2
54	47.8	42.2	63.2



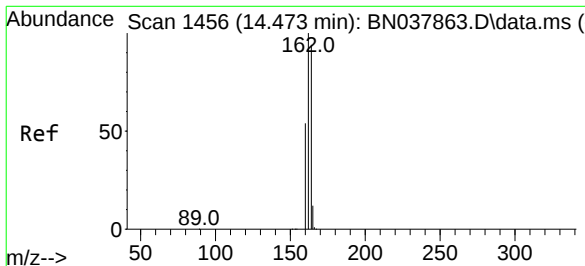
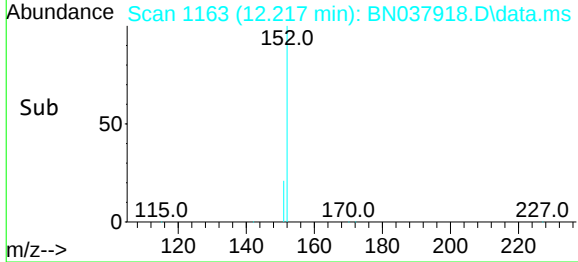
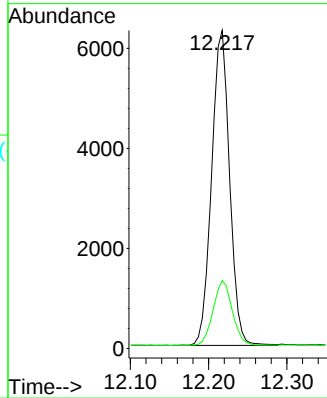


#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.217 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Instrument :
BNA_N
ClientSampleId :

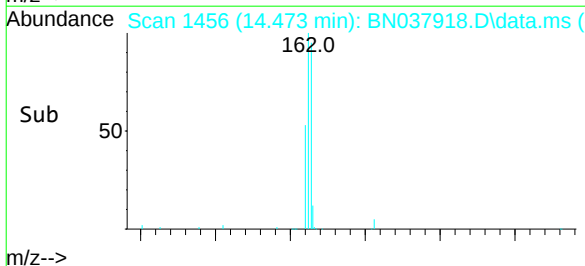
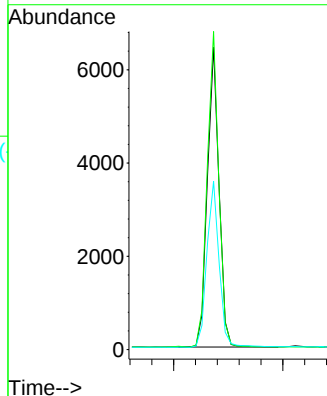
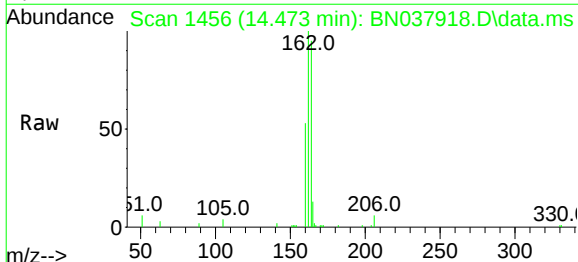


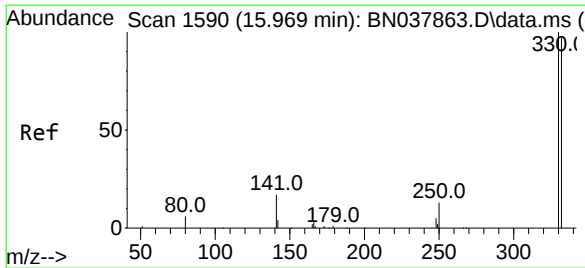
Tgt Ion:152 Resp: 10045
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion:164 Resp: 9526
Ion Ratio Lower Upper
164 100
162 105.3 84.8 127.2
160 55.7 46.1 69.1





#14

2,4,6-Tribromophenol

Concen: 0.382 ng

RT: 15.969 min Scan# 15

Delta R.T. 0.000 min

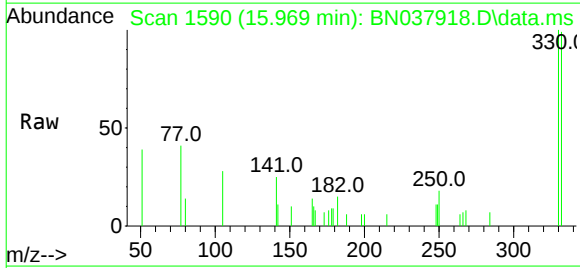
Lab File: BN037918.D

Acq: 26 Sep 2025 09:32

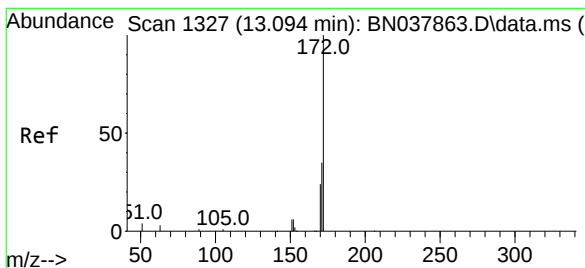
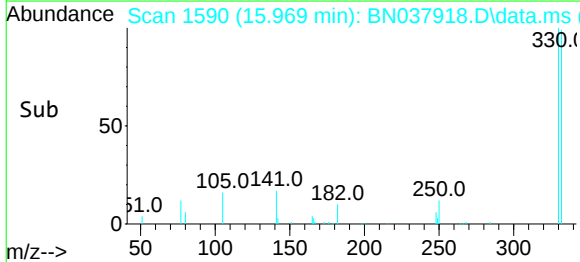
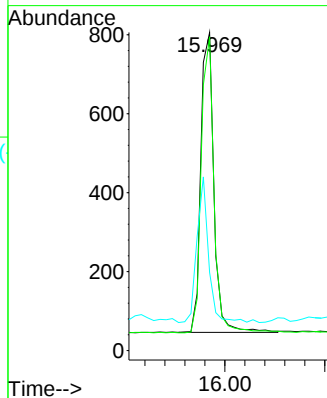
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	330	Resp:	1380
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	43.3	37.2	55.8



#15

2-Fluorobiphenyl

Concen: 0.420 ng

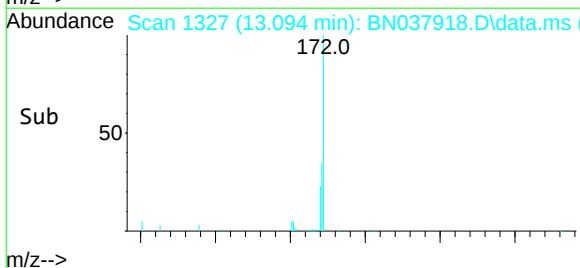
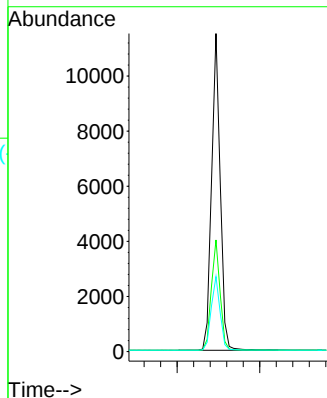
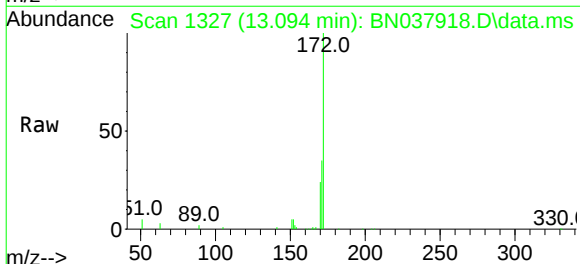
RT: 13.094 min Scan# 1327

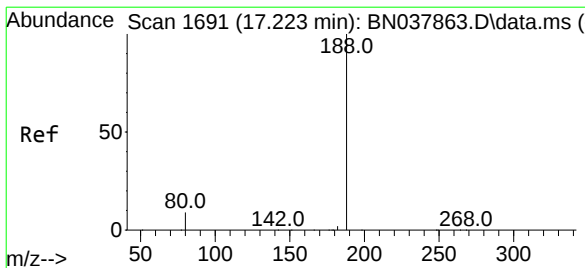
Delta R.T. 0.000 min

Lab File: BN037918.D

Acq: 26 Sep 2025 09:32

Tgt Ion:	172	Resp:	16376
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	43.0
170	23.6	19.7	29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 16

Delta R.T. 0.000 min

Lab File: BN037918.D

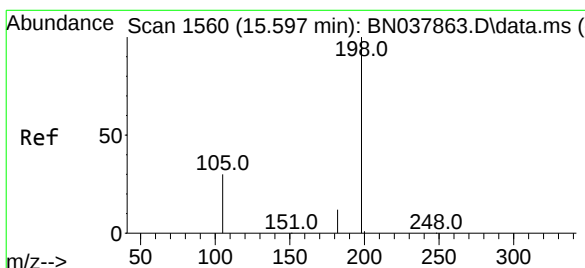
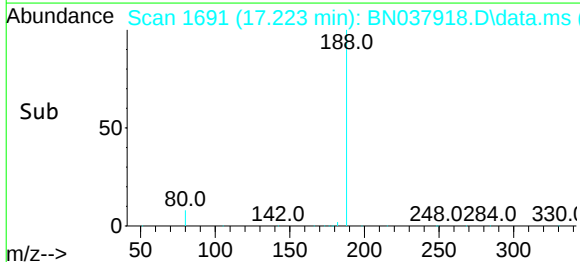
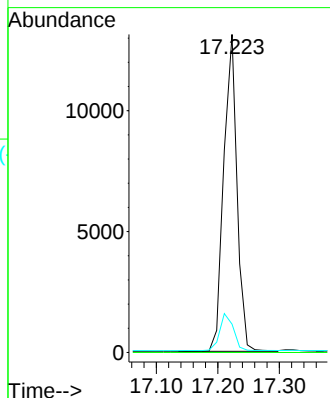
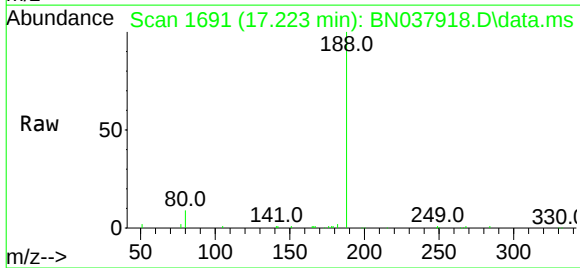
Acq: 26 Sep 2025 09:32

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	188	Resp:	19646
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.6	11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.070 ng

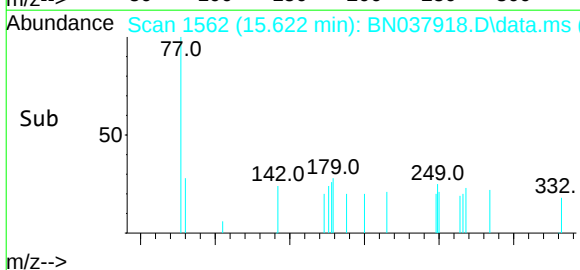
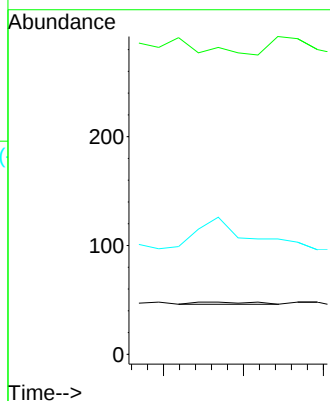
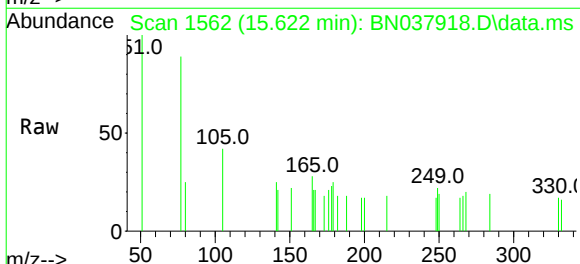
RT: 15.622 min Scan# 1562

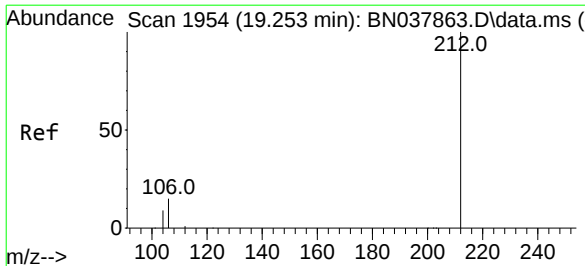
Delta R.T. 0.025 min

Lab File: BN037918.D

Acq: 26 Sep 2025 09:32

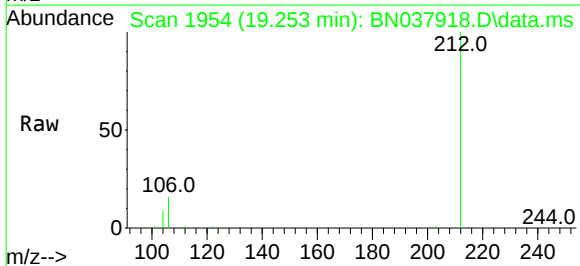
Tgt Ion:	198	Resp:	5
Ion Ratio	Lower	Upper	
198	100		
51	577.1	59.1	88.7#
105	239.6	41.3	61.9#



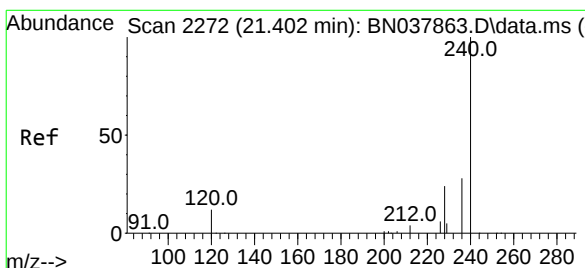
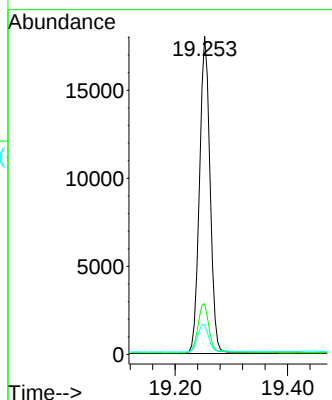
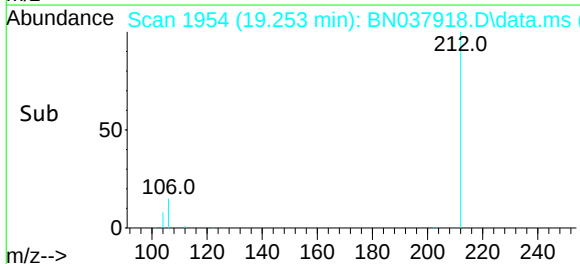


#27
Fluoranthene-d10
Concen: 0.476 ng
RT: 19.253 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Instrument :
BNA_N
ClientSampleId :

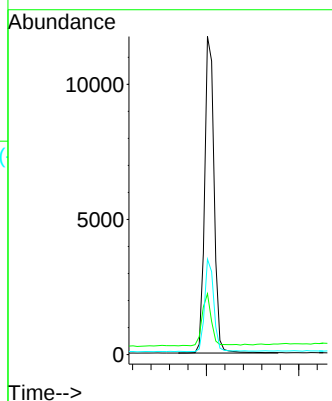
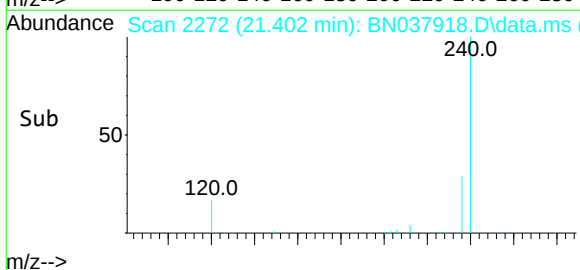
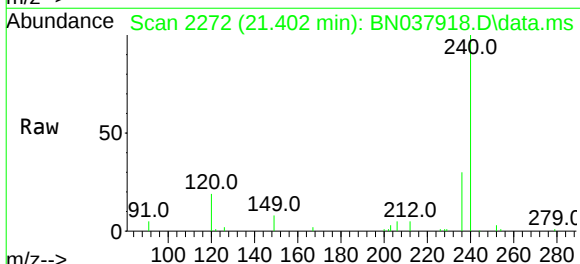


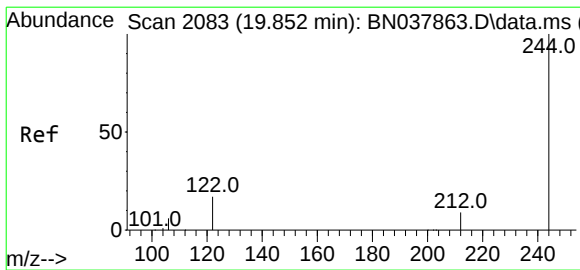
Tgt Ion:212 Resp: 23544
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.6 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion:240 Resp: 16645
Ion Ratio Lower Upper
240 100
120 19.1 11.4 17.2#
236 30.0 23.0 34.6





#31

Terphenyl-d14

Concen: 0.517 ng

RT: 19.852 min Scan# 2083

Delta R.T. 0.000 min

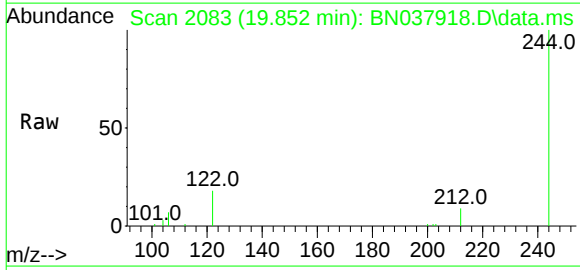
Lab File: BN037918.D

Acq: 26 Sep 2025 09:32

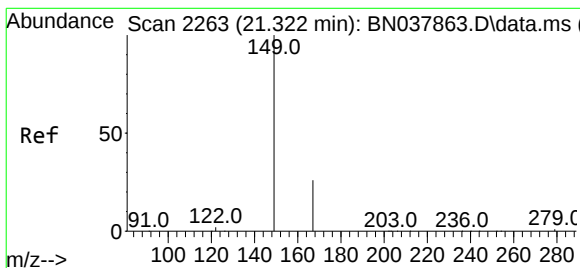
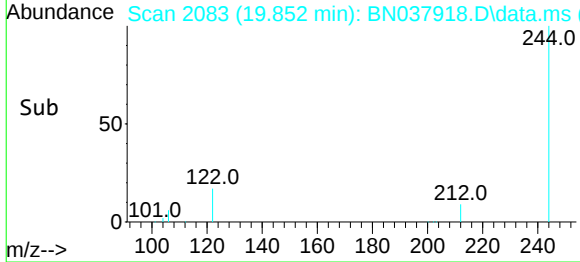
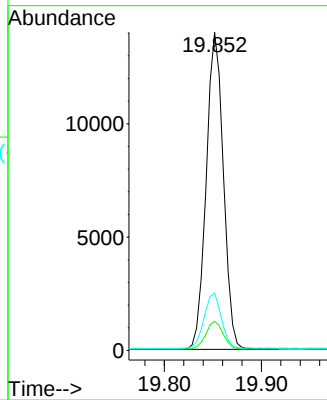
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	244	Resp:	17155
Ion Ratio	Lower	Upper	
244	100		
212	9.2	7.6	11.4
122	18.1	13.9	20.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.119 ng

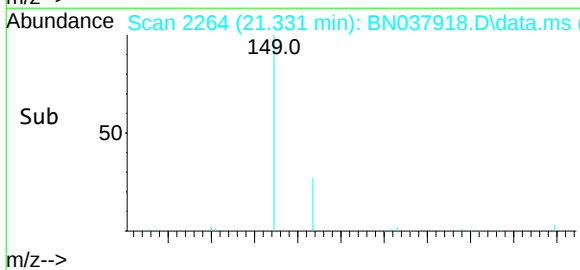
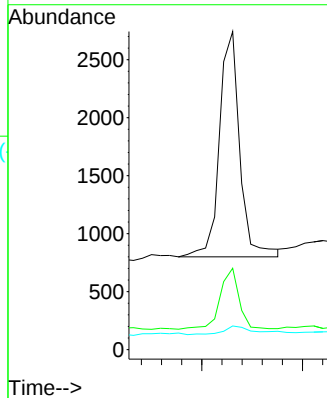
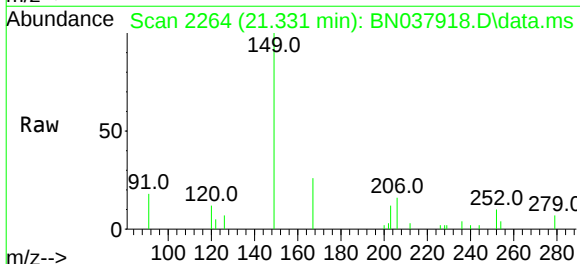
RT: 21.331 min Scan# 2264

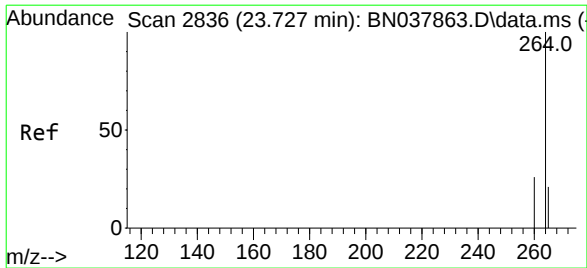
Delta R.T. 0.009 min

Lab File: BN037918.D

Acq: 26 Sep 2025 09:32

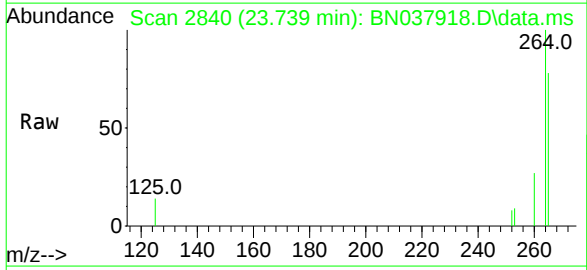
Tgt Ion:	149	Resp:	2727
Ion Ratio	Lower	Upper	
149	100		
167	25.2	20.4	30.6
279	5.2	2.4	3.6





Perylene-d12
Concen: 0.400 ng
RT: 23.739 min Scan# 28
Delta R.T. 0.012 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	14529
Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.5	32.3
265	78.5	53.8	80.6

