

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037541.D
 Acq On : 22 Jul 2025 16:16
 Operator : RC/JU
 Sample : Q2644-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 17:01:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

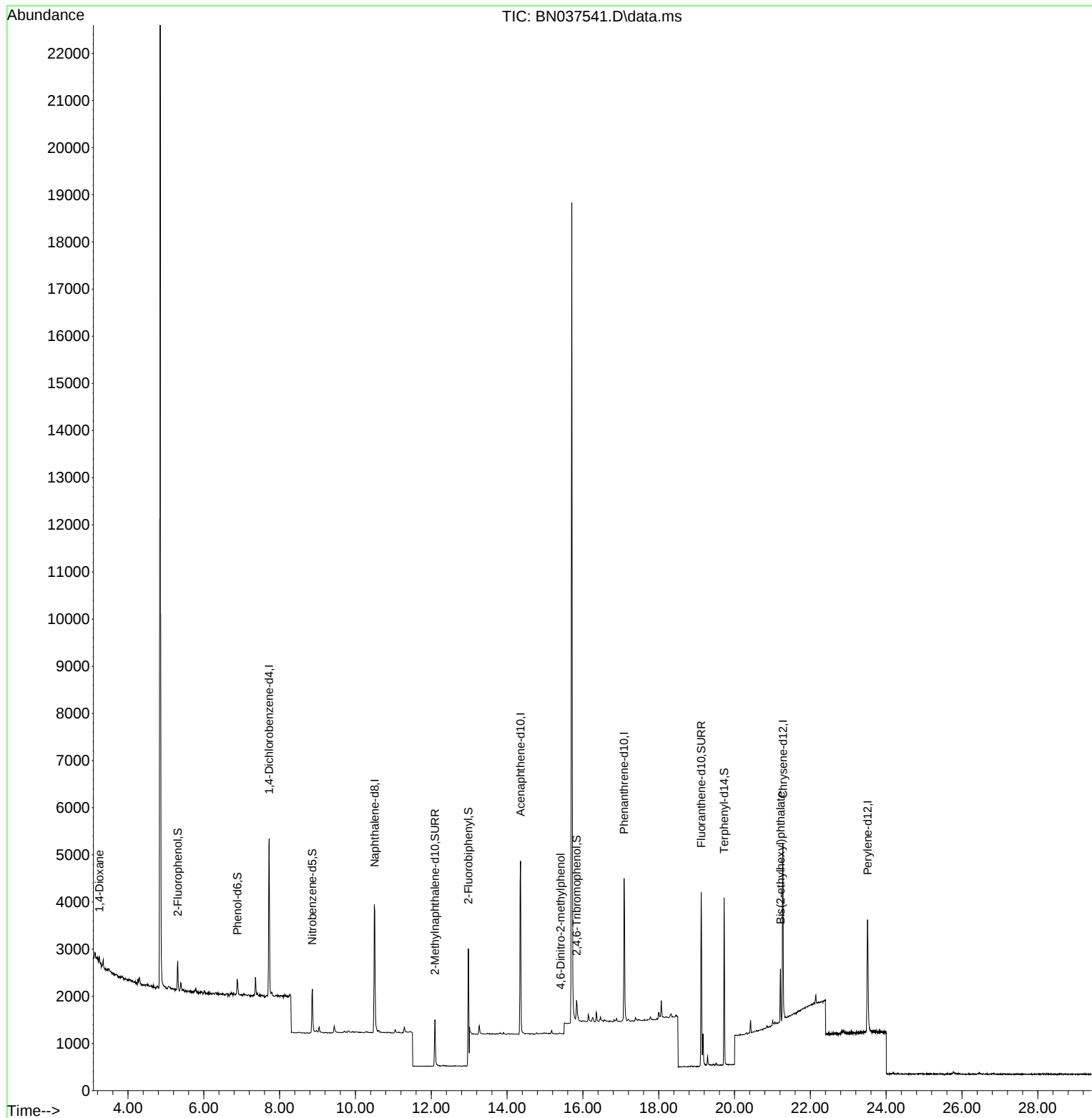
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1735	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4230	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2216	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4398	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3793	0.400	ng	0.00
35) Perylene-d12	23.510	264	3358	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	490	0.114	ng	0.00
5) Phenol-d6	6.886	99	327	0.061	ng	0.00
8) Nitrobenzene-d5	8.864	82	853	0.270	ng	0.00
11) 2-Methylnaphthalene-d10	12.095	152	1497	0.247	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	267	0.245	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3445	0.299	ng	0.00
27) Fluoranthene-d10	19.122	212	4274	0.367	ng	0.00
31) Terphenyl-d14	19.726	244	3349	0.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	75	0.045	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.414	198	3	0.098	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.214	149	1159	0.194	ng	99

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

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BNA_N
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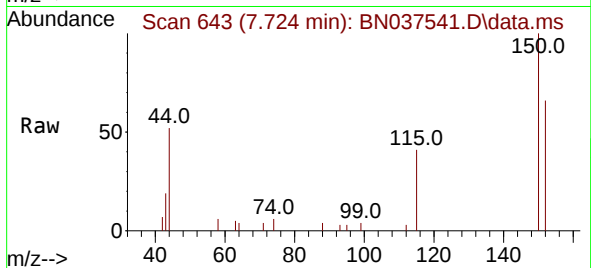
Quant Time: Jul 22 17:01:49 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



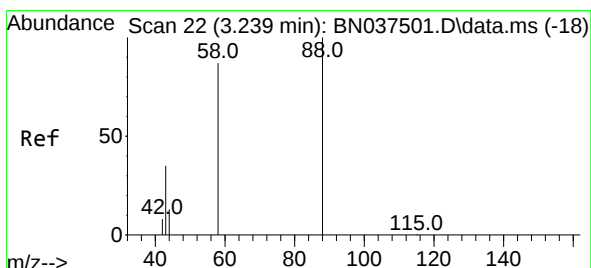
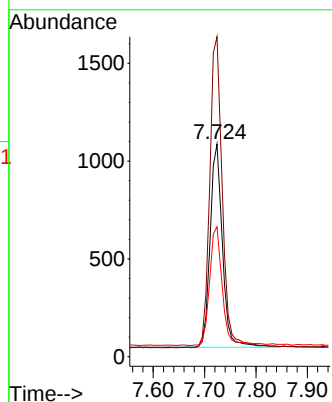
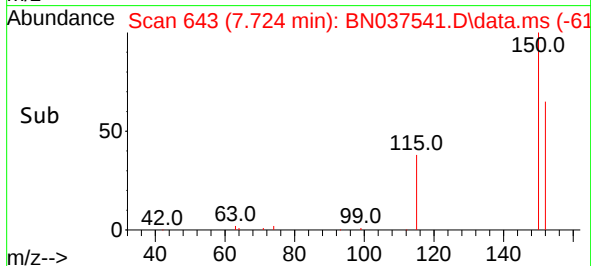


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037541.D
 Acq: 22 Jul 2025 16:16

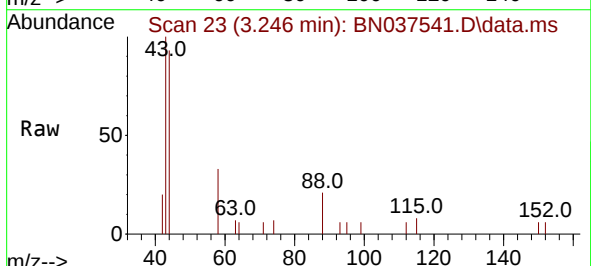
Instrument :
 BNA_N
 ClientSampleId :



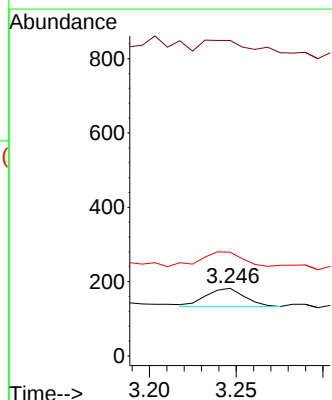
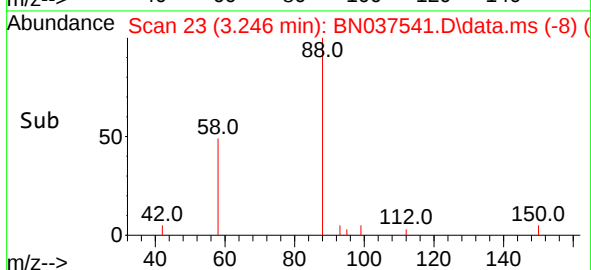
Tgt Ion:152 Resp: 1735
 Ion Ratio Lower Upper
 152 100
 150 150.6 119.8 179.8
 115 61.1 49.1 73.7

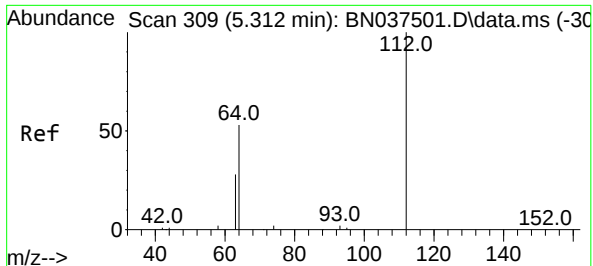


#2
 1,4-Dioxane
 Concen: 0.045 ng
 RT: 3.246 min Scan# 23
 Delta R.T. 0.007 min
 Lab File: BN037541.D
 Acq: 22 Jul 2025 16:16



Tgt Ion: 88 Resp: 75
 Ion Ratio Lower Upper
 88 100
 43 160.0 27.5 41.3#
 58 86.7 62.7 94.1

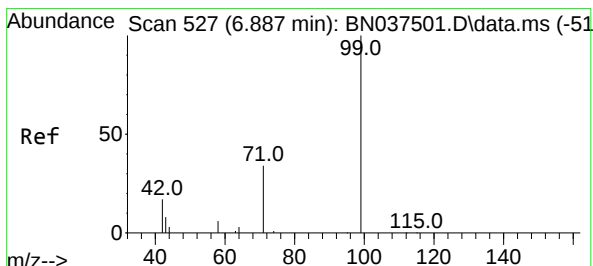
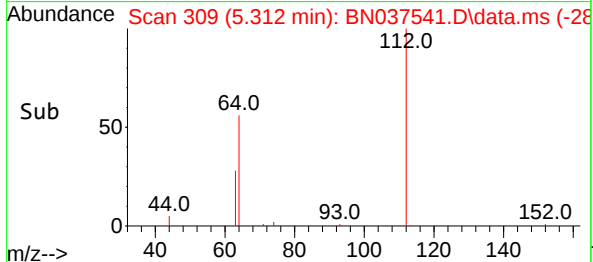
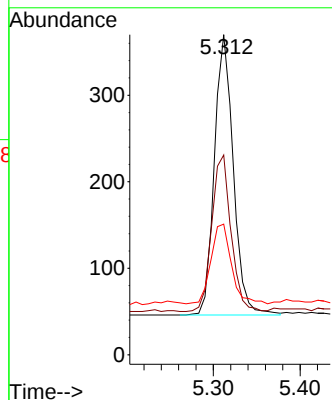
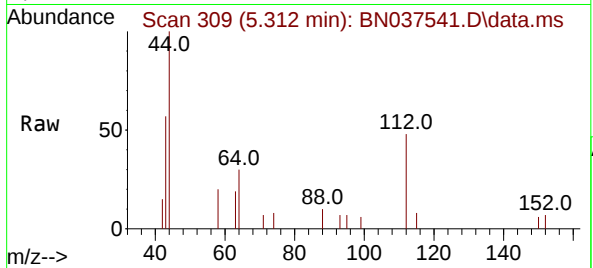




#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

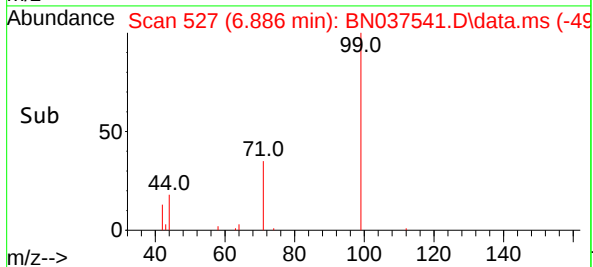
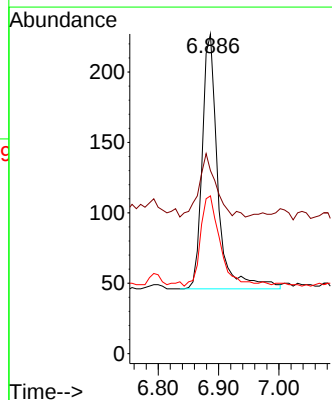
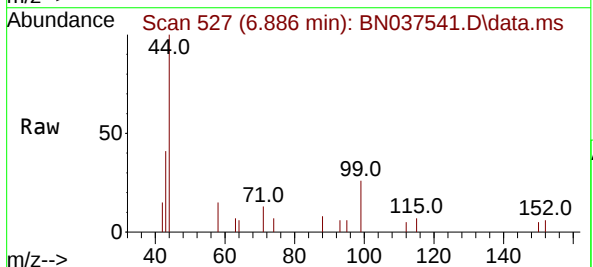
Instrument :
BNA_N
ClientSampleId :

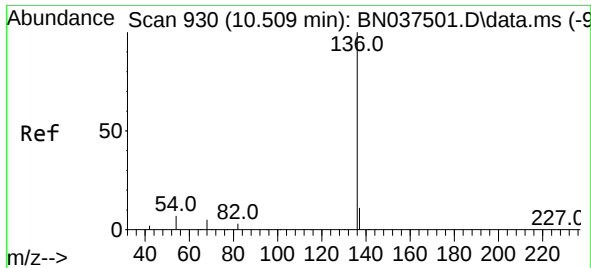
Tgt Ion:112 Resp: 490
Ion Ratio Lower Upper
112 100
64 56.9 45.1 67.7
63 30.6 23.8 35.8



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

Tgt Ion: 99 Resp: 327
Ion Ratio Lower Upper
99 100
42 27.2 17.1 25.7#
71 43.7 27.8 41.8#

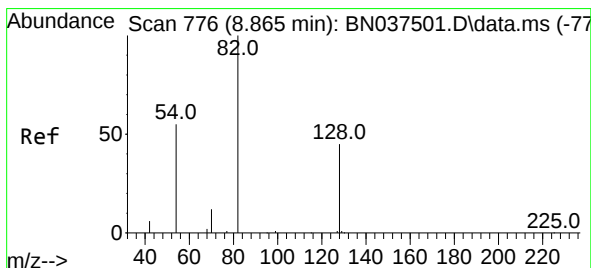
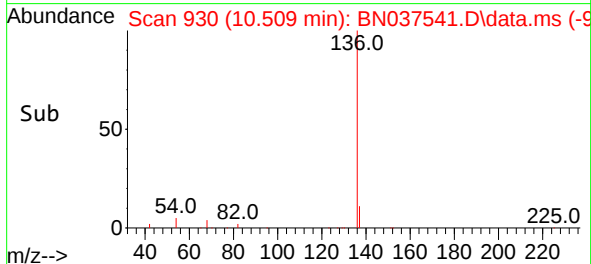
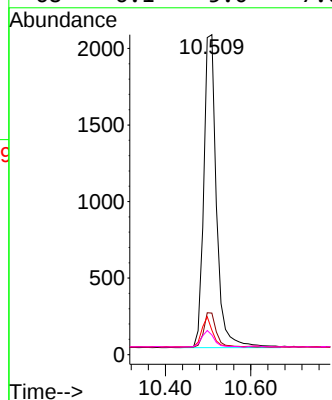
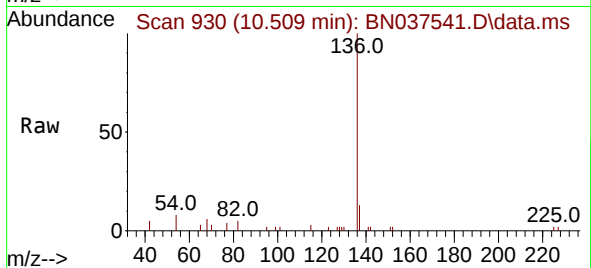




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

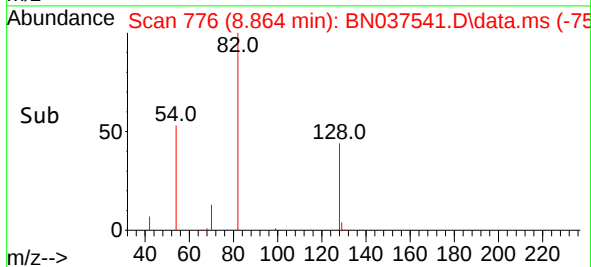
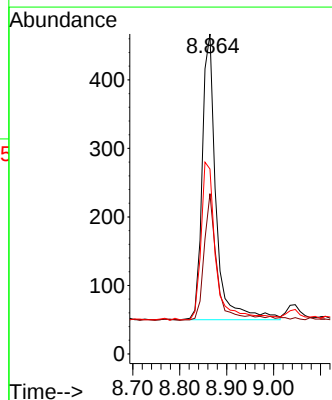
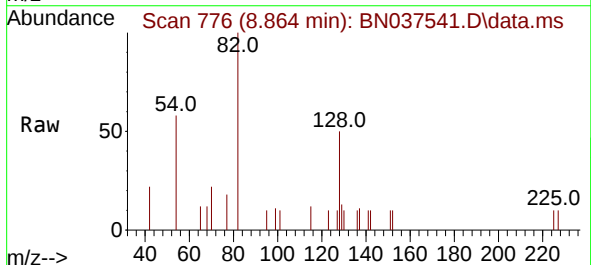
Instrument :
BNA_N
ClientSampleId :

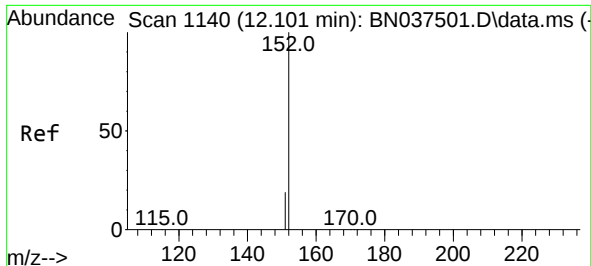
Tgt Ion:136	Resp:	4230
Ion	Ratio	Lower Upper
136	100	
137	13.0	9.8 14.8
54	7.7	6.6 9.8
68	6.1	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

Tgt Ion: 82	Resp:	853
Ion	Ratio	Lower Upper
82	100	
128	50.1	37.5 56.3
54	57.8	45.3 67.9

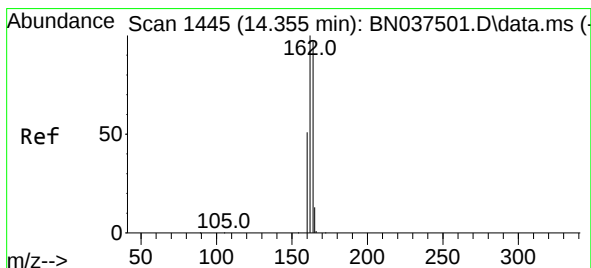
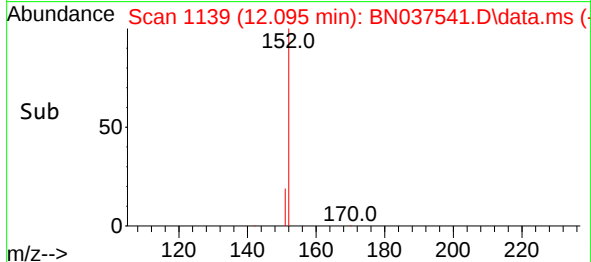
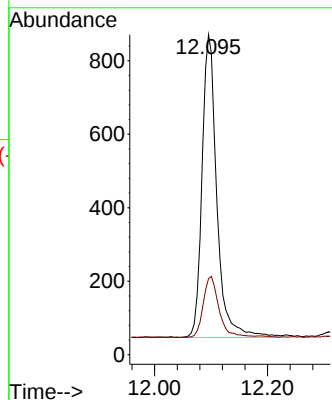
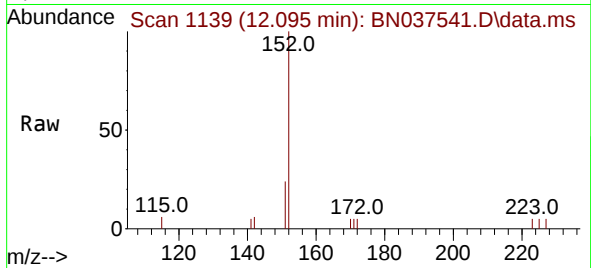




#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.095 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

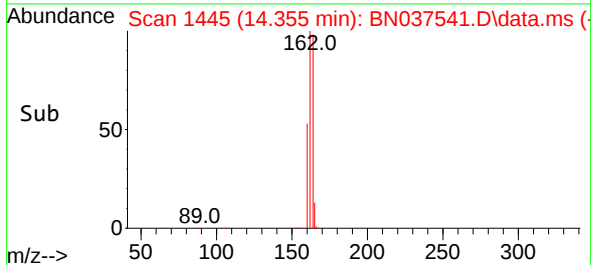
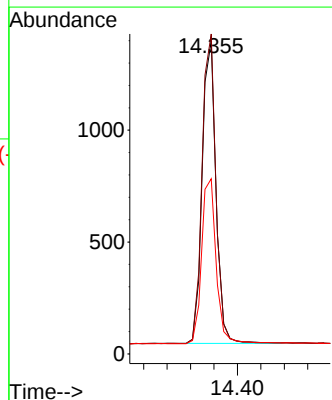
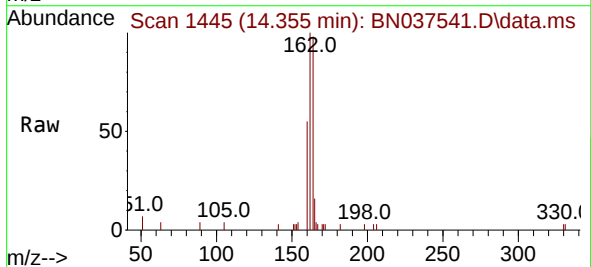
Instrument :
BNA_N
ClientSampleId :

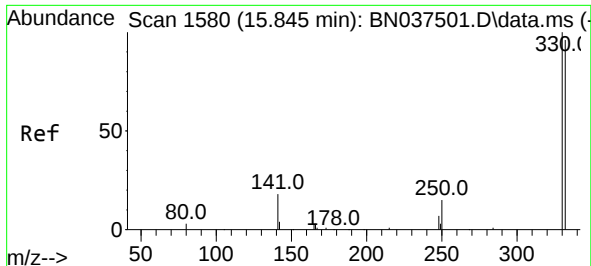
Tgt Ion:152 Resp: 1497
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

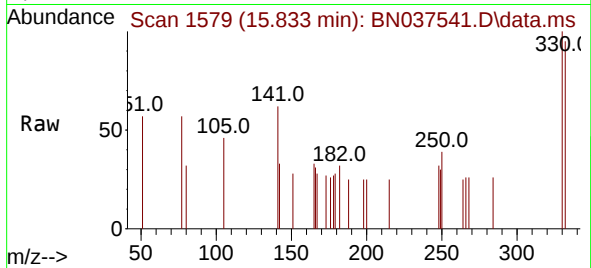
Tgt Ion:164 Resp: 2216
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 56.0 42.4 63.6



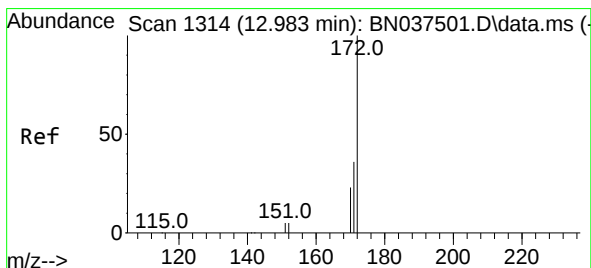
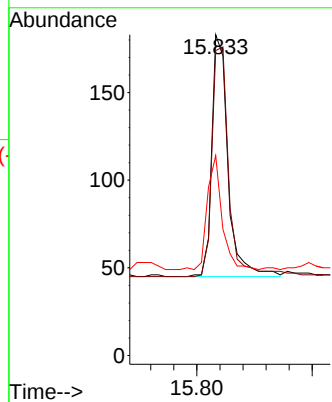
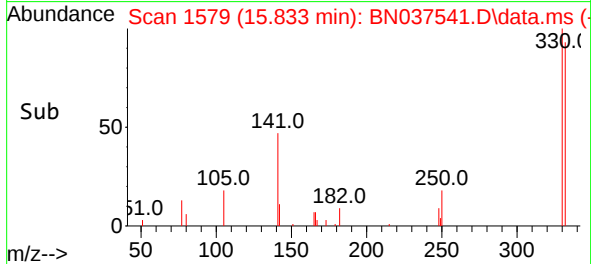


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

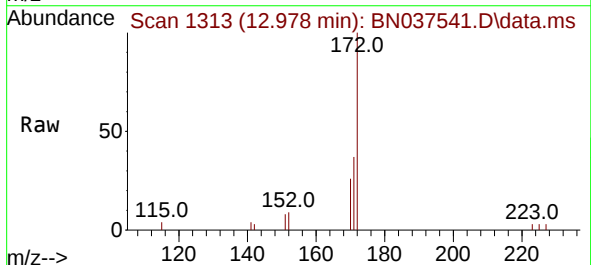
Instrument :
BNA_N
ClientSampleId :



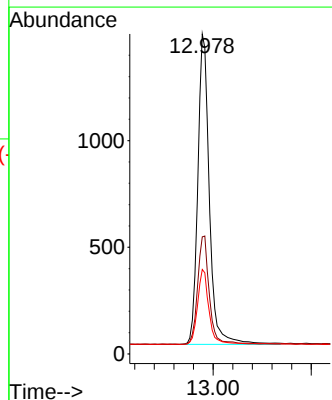
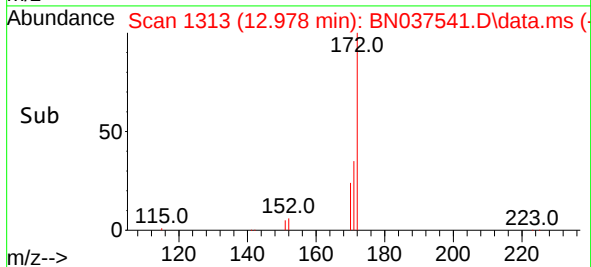
Tgt Ion:330 Resp: 267
Ion Ratio Lower Upper
330 100
332 100.0 76.1 114.1
141 43.1 33.4 50.0

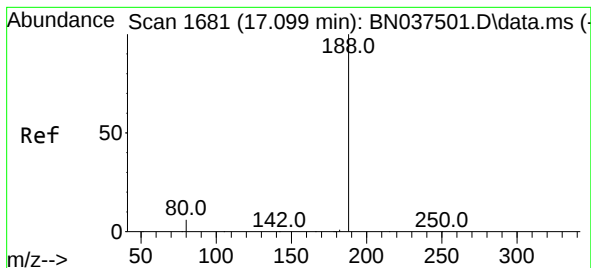


#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16



Tgt Ion:172 Resp: 3445
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 26.4 19.4 29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.013 min

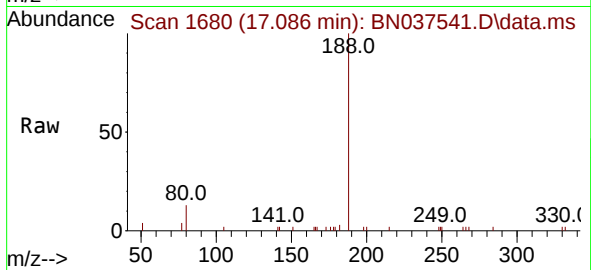
Lab File: BN037541.D

Acq: 22 Jul 2025 16:16

Instrument :

BNA_N

ClientSampleId :



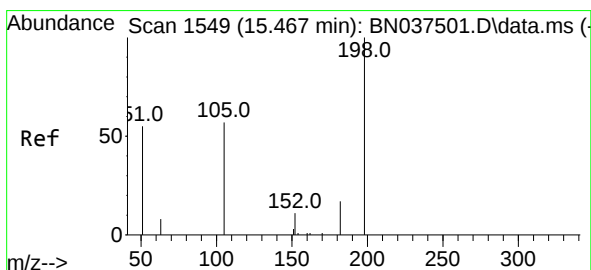
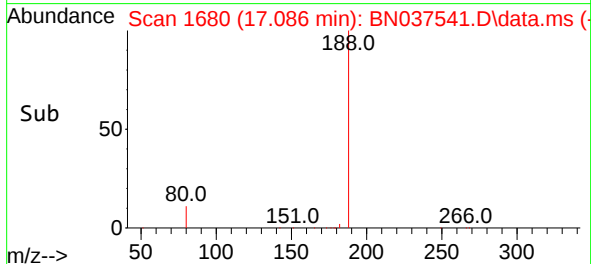
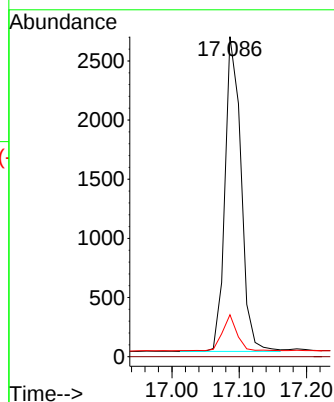
Tgt Ion:188 Resp: 4398

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 6.0 9.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.098 ng

RT: 15.414 min Scan# 1544

Delta R.T. -0.053 min

Lab File: BN037541.D

Acq: 22 Jul 2025 16:16

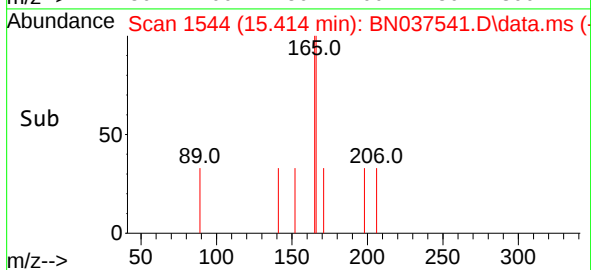
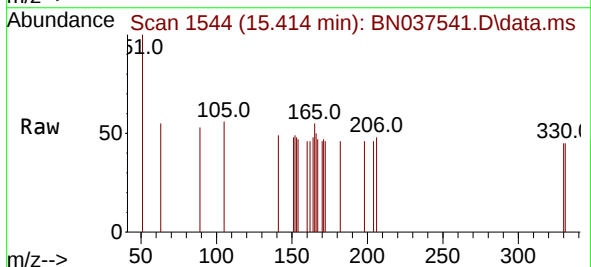
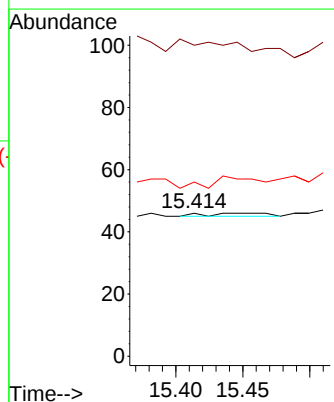
Tgt Ion:198 Resp: 3

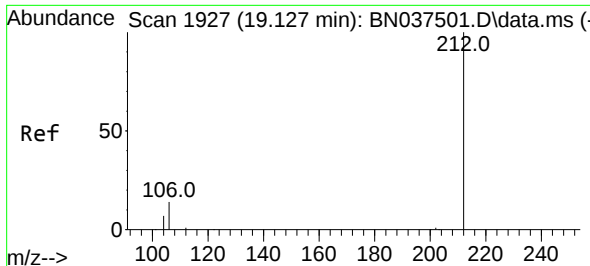
Ion Ratio Lower Upper

198 100

51 217.4 88.5 132.7#

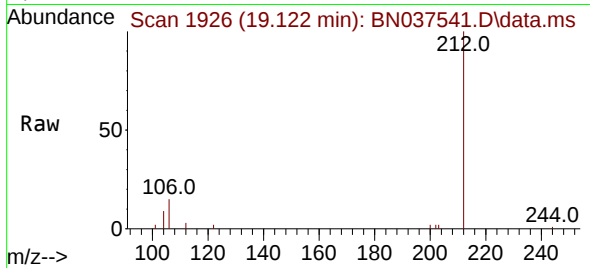
105 121.7 61.2 91.8#



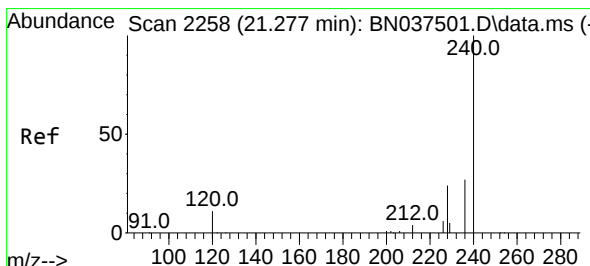
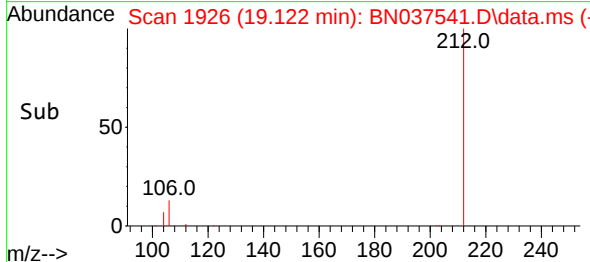
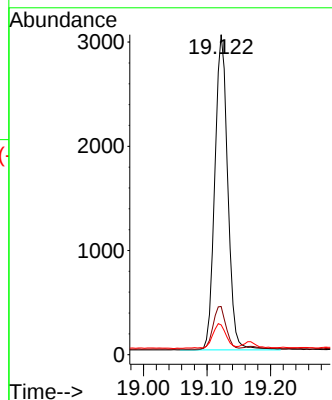


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

Instrument :
BNA_N
ClientSampleId :

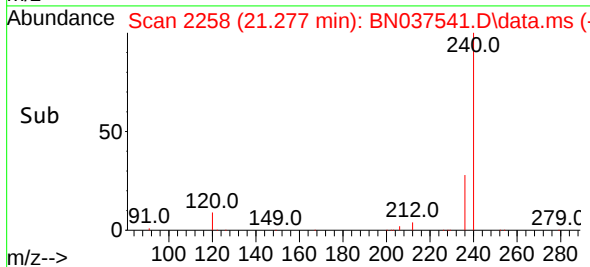
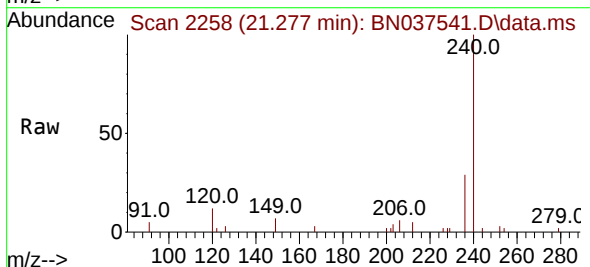
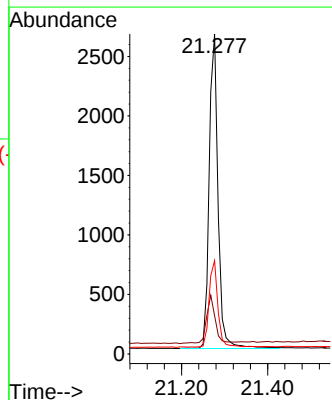


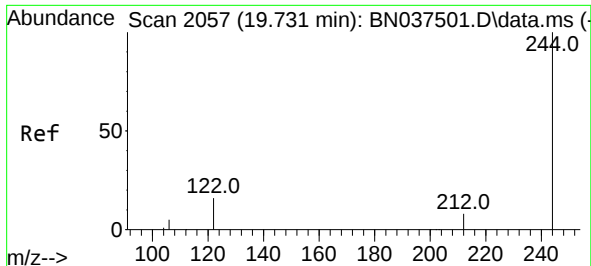
Tgt Ion:212 Resp: 4274
Ion Ratio Lower Upper
212 100
106 13.7 12.2 18.4
104 7.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

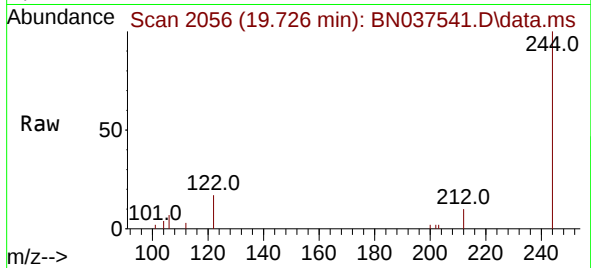
Tgt Ion:240 Resp: 3793
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 29.1 22.6 33.8



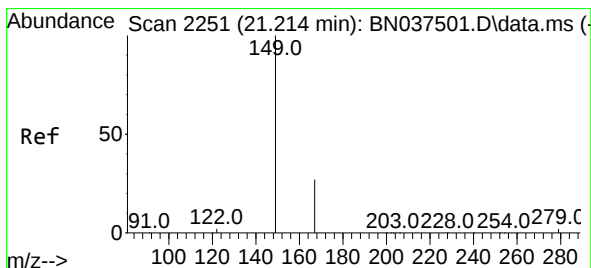
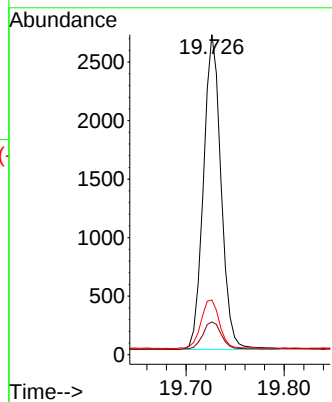
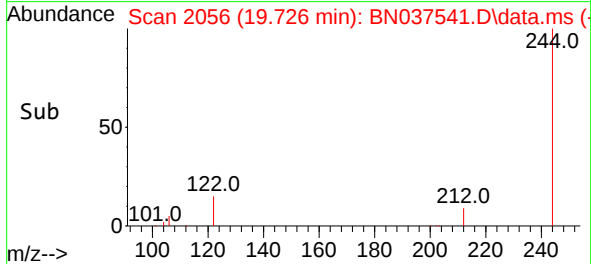


#31
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 19.726 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN037541.D
 Acq: 22 Jul 2025 16:16

Instrument :
 BNA_N
 ClientSampleId :

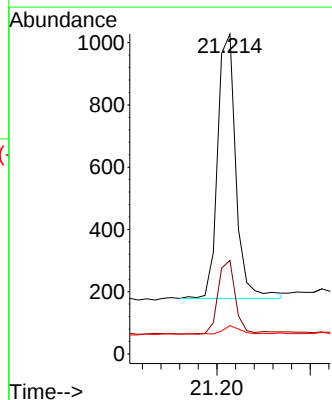
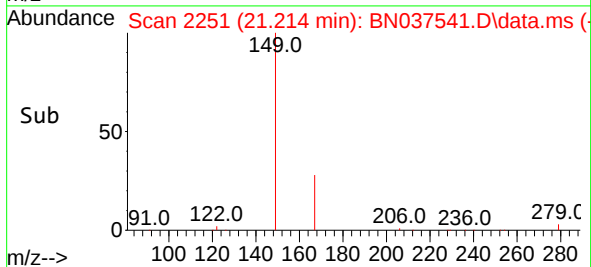
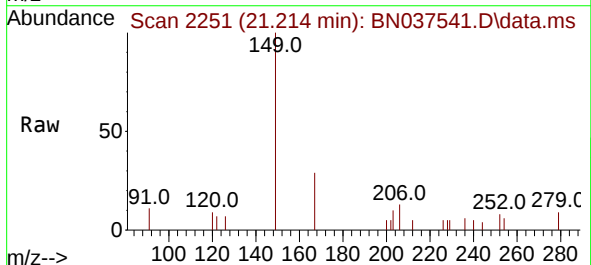


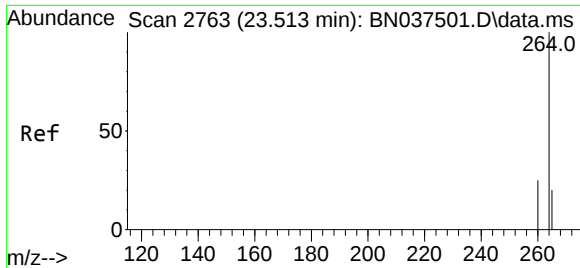
Tgt Ion:244 Resp: 3349
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.4 11.2
 122 17.1 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.194 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN037541.D
 Acq: 22 Jul 2025 16:16

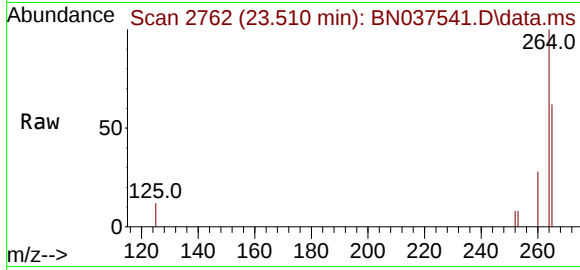
Tgt Ion:149 Resp: 1159
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.4 3.0 4.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.510 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037541.D
Acq: 22 Jul 2025 16:16

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3358
Ion Ratio Lower Upper
264 100
260 28.3 21.2 31.8
265 62.0 40.4 60.6#

