

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
 Data File : BN037514.D
 Acq On : 16 Jul 2025 12:16
 Operator : RC/JU
 Sample : Q2604-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250711

Quant Time: Jul 16 12:41:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 16 02:38:11 2025
 Response via : Initial Calibration

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

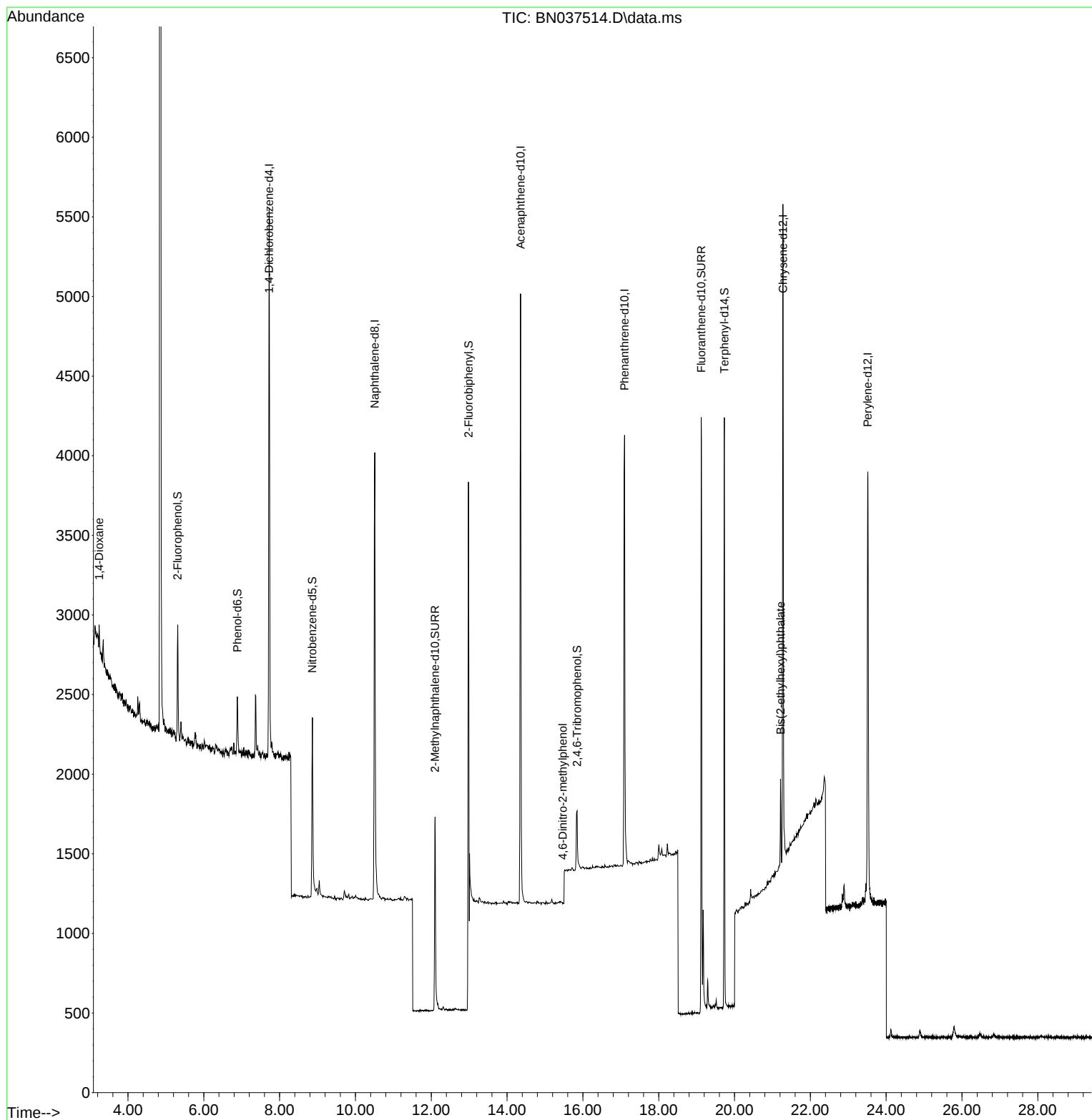
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1757	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4258	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2264	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4524	0.400	ng	0.00
29) Chrysene-d12	21.277	240	3752	0.400	ng	0.00
35) Perylene-d12	23.516	264	3699	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	553	0.127	ng	0.00
5) Phenol-d6	6.887	99	341	0.063	ng	0.00
8) Nitrobenzene-d5	8.865	82	1028	0.323	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	1891	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	281	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	4754	0.404	ng	0.00
27) Fluoranthene-d10	19.122	212	4292	0.358	ng	0.00
31) Terphenyl-d14	19.731	244	3523	0.437	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	89	0.053	ng	Qvalue # 6
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.095	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.214	149	572	0.097	ng	95

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

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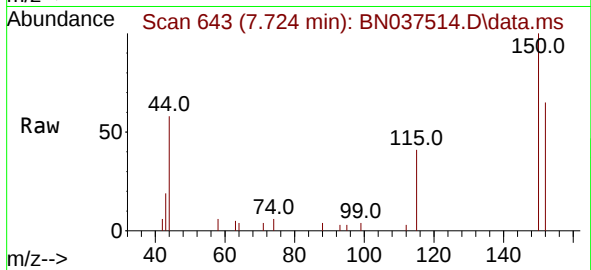
Quant Time: Jul 16 12:41:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 16 02:38:11 2025
Response via : Initial Calibration



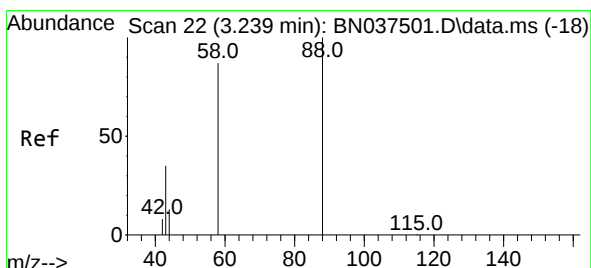
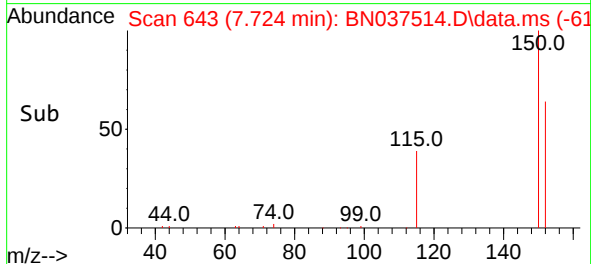
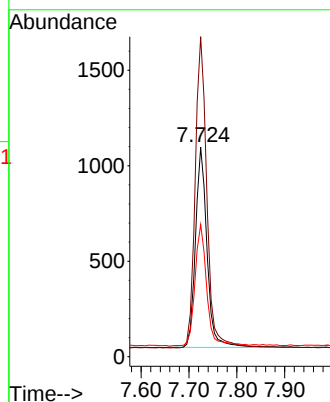


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037514.D
 Acq: 16 Jul 2025 12:16

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250711

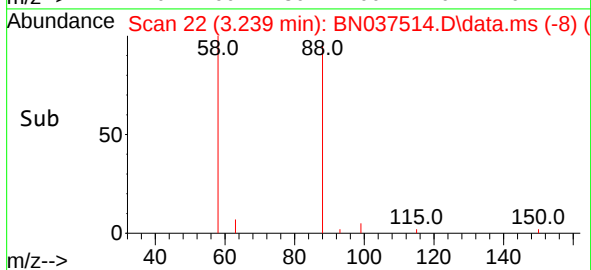
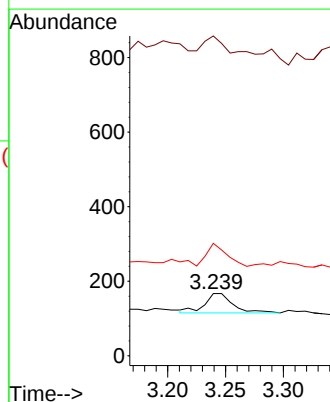
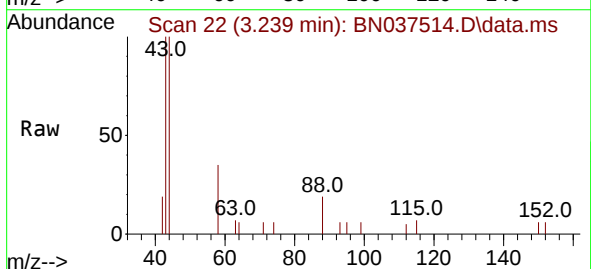


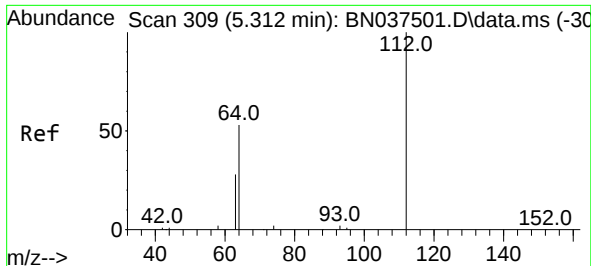
Tgt Ion:152 Resp: 1757
 Ion Ratio Lower Upper
 152 100
 150 152.8 119.8 179.8
 115 63.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037514.D
 Acq: 16 Jul 2025 12:16

Tgt Ion: 88 Resp: 89
 Ion Ratio Lower Upper
 88 100
 43 205.6 27.5 41.3#
 58 82.0 62.7 94.1

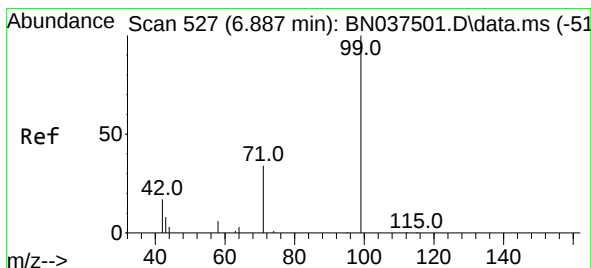
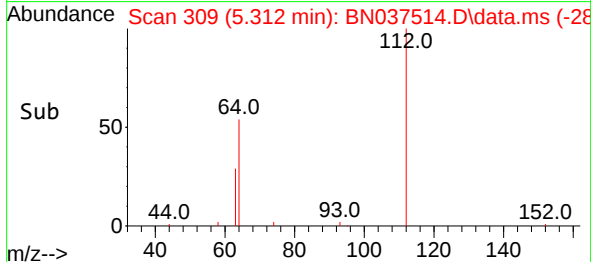
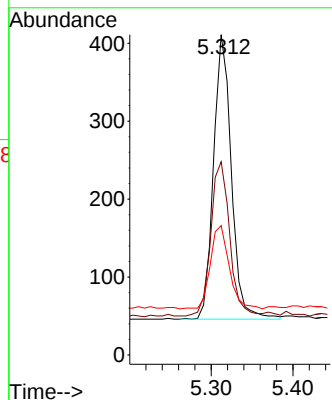
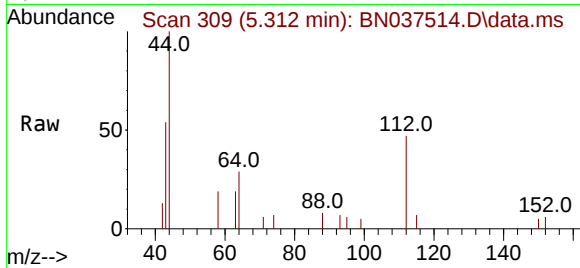




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

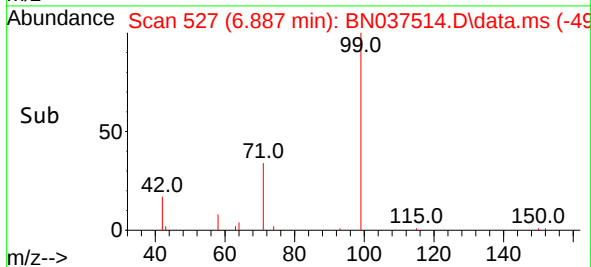
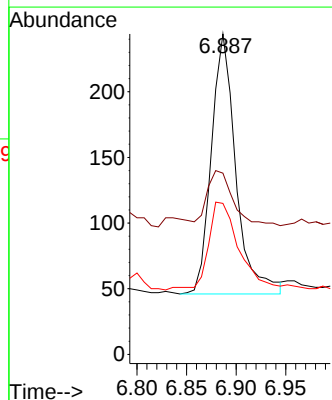
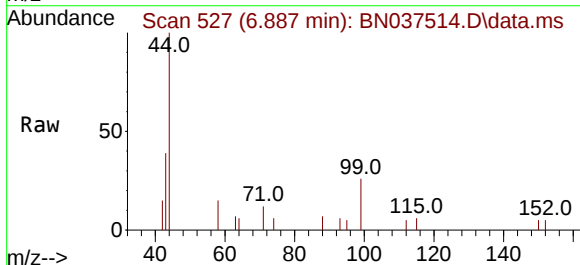
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250711

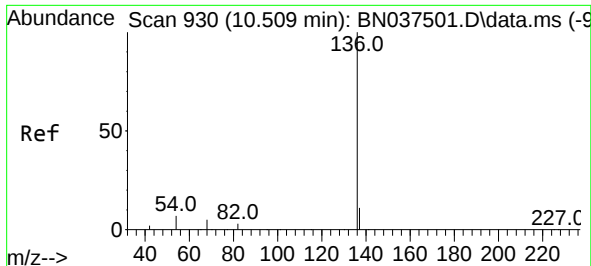
Tgt Ion:112 Resp: 553
Ion Ratio Lower Upper
112 100
64 57.3 45.1 67.7
63 30.9 23.8 35.8



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

Tgt Ion: 99 Resp: 341
Ion Ratio Lower Upper
99 100
42 22.0 17.1 25.7
71 44.9 27.8 41.8#

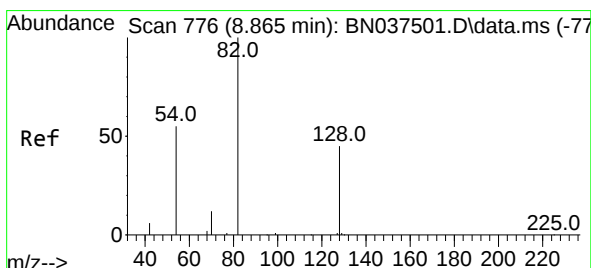
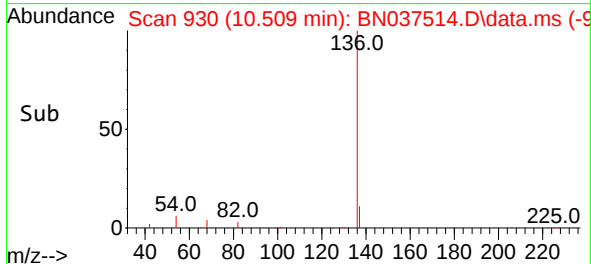
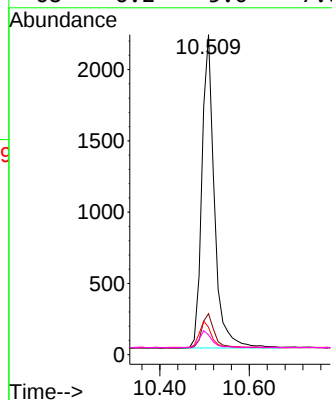
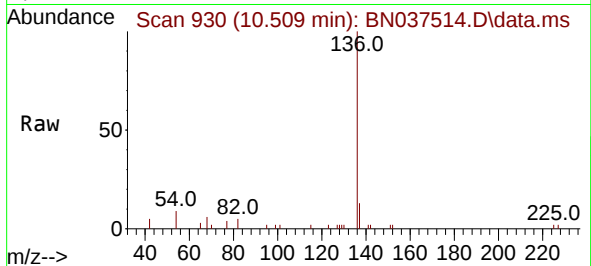




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

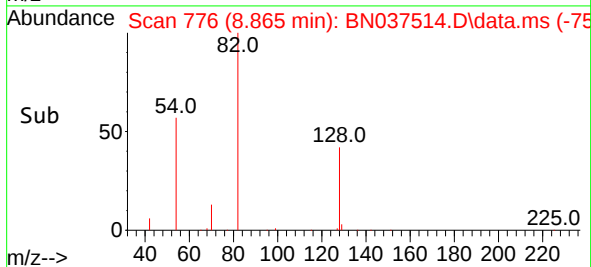
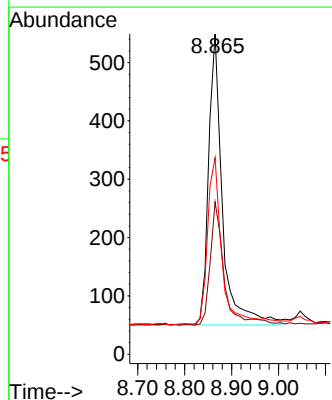
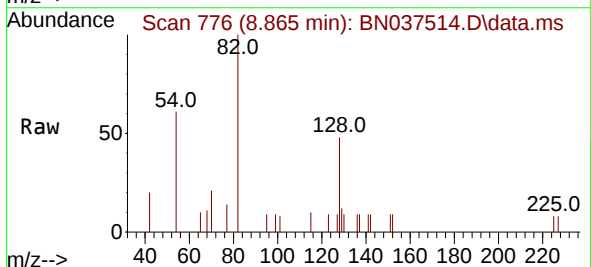
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250711

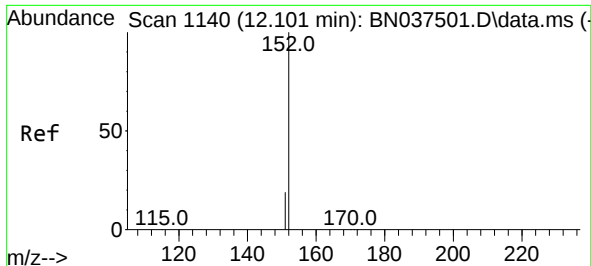
Tgt Ion:	136	Resp:	4258
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.8	14.8
54	8.6	6.6	9.8
68	6.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

Tgt Ion:	82	Resp:	1028
Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.5	56.3
54	61.4	45.3	67.9

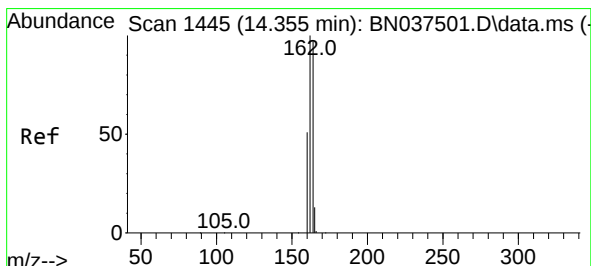
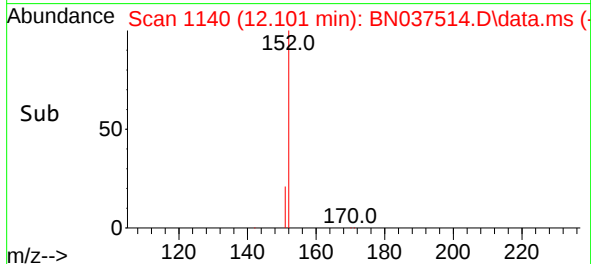
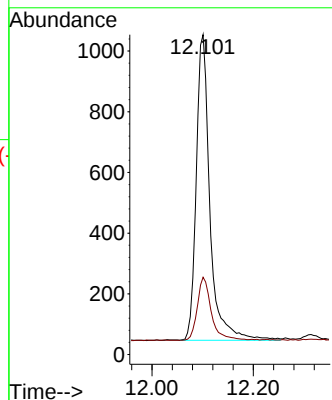
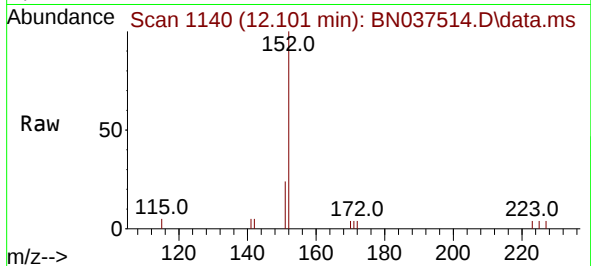




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.101 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

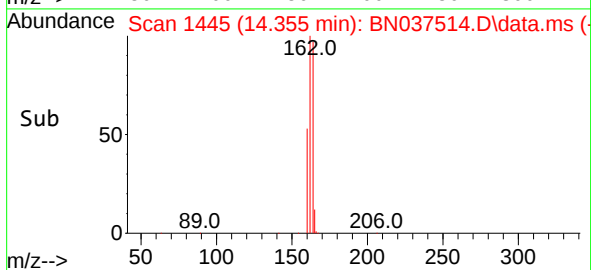
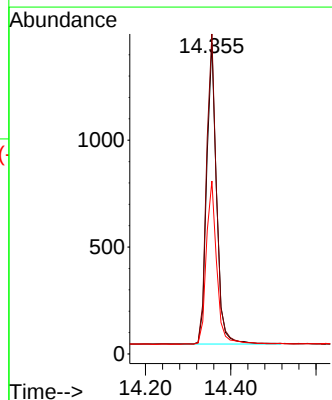
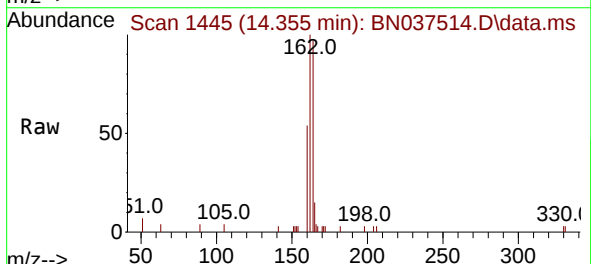
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250711

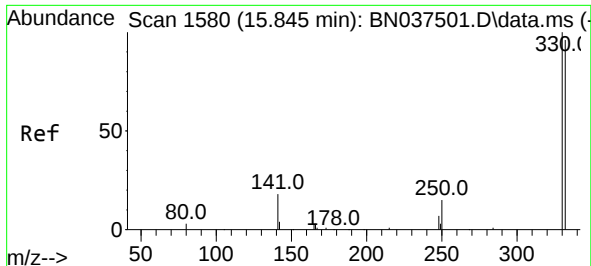
Tgt Ion:152 Resp: 1891
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

Tgt Ion:164 Resp: 2264
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 55.6 42.4 63.6

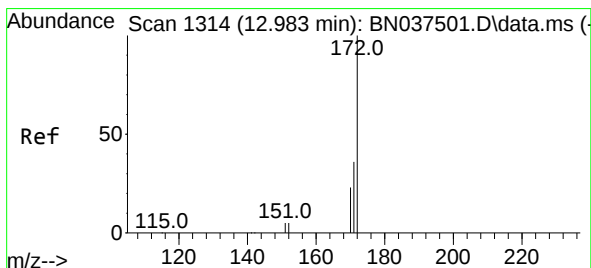
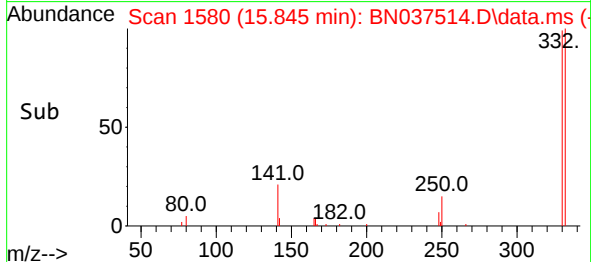
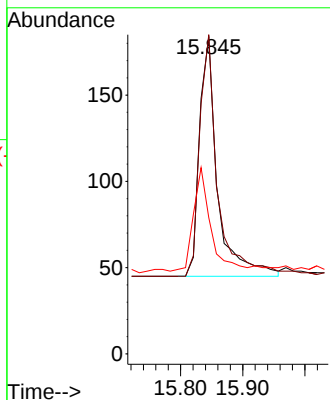
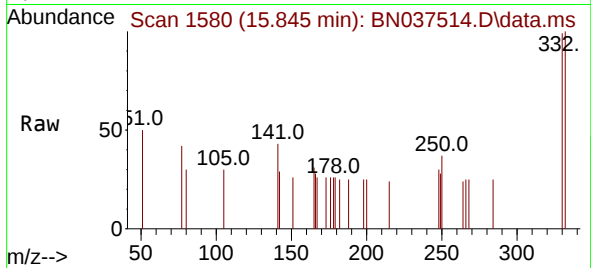




#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

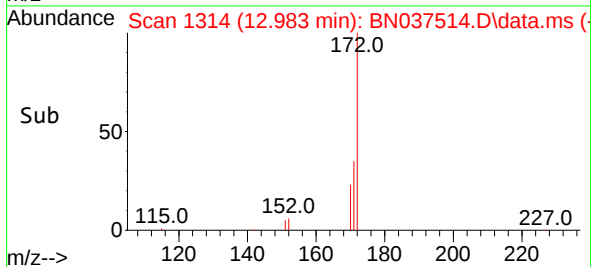
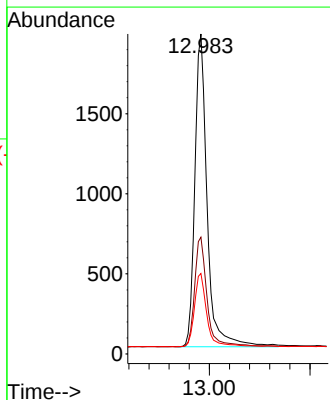
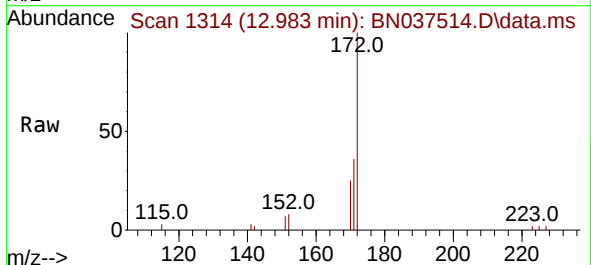
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250711

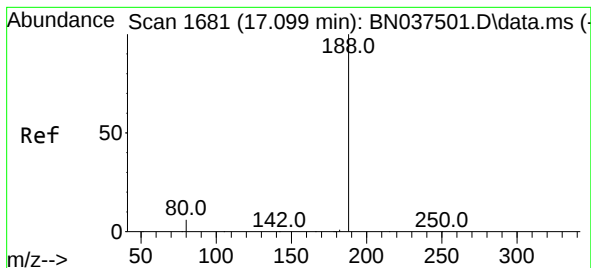
Tgt Ion:	330	Resp:	281
Ion Ratio	Lower	Upper	
330	100		
332	102.8	76.1	114.1
141	42.3	33.4	50.0



#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.983 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

Tgt Ion:	172	Resp:	4754
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.4	44.2
170	25.1	19.4	29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037514.D

Acq: 16 Jul 2025 12:16

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250711

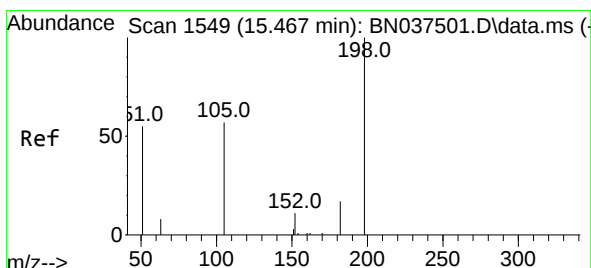
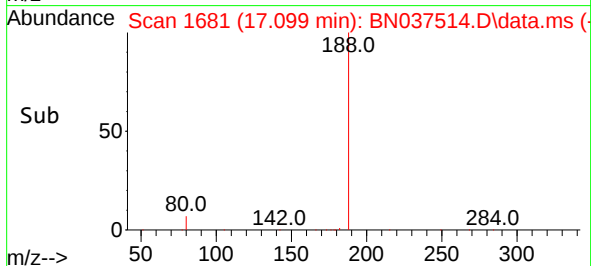
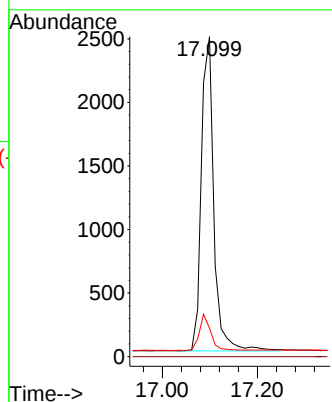
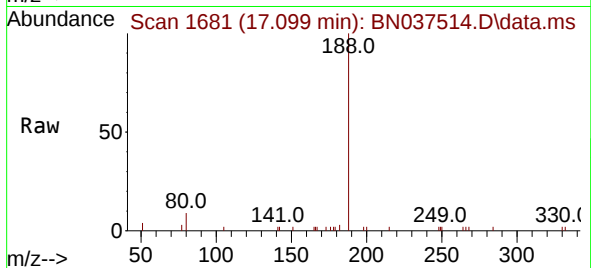
Tgt Ion:188 Resp: 4524

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 6.0 9.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.095 ng

RT: 15.467 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN037514.D

Acq: 16 Jul 2025 12:16

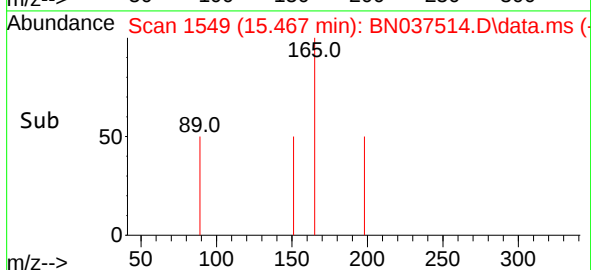
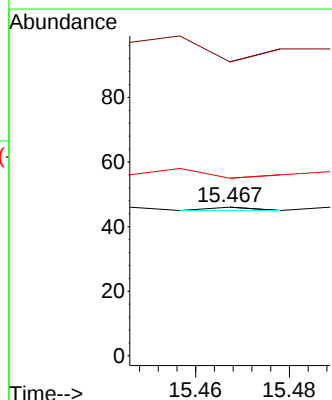
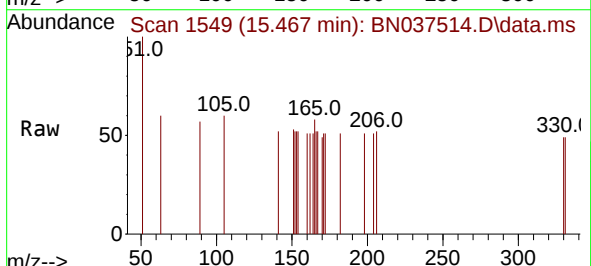
Tgt Ion:198 Resp: 1

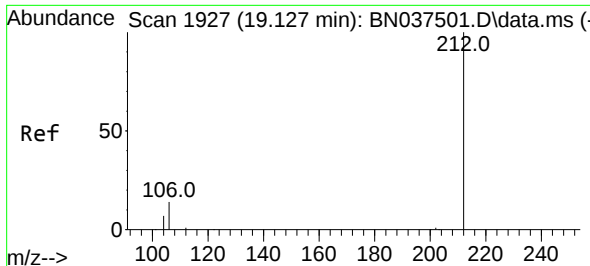
Ion Ratio Lower Upper

198 100

51 197.8 88.5 132.7#

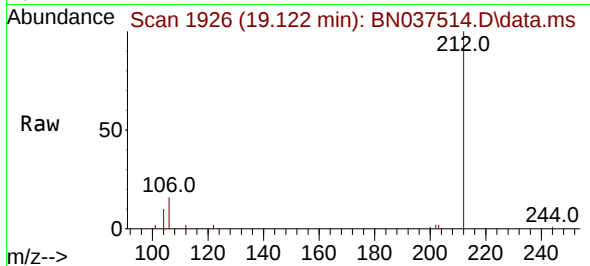
105 119.6 61.2 91.8#



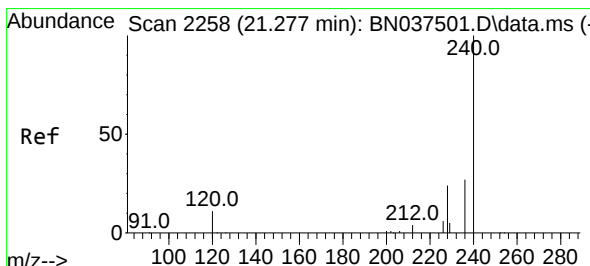
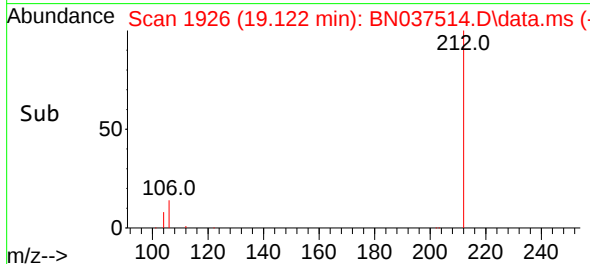
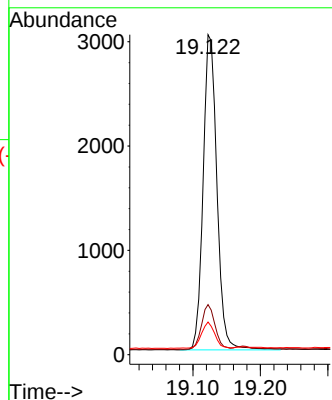


#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250711

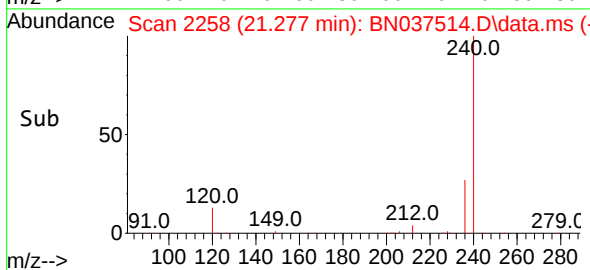
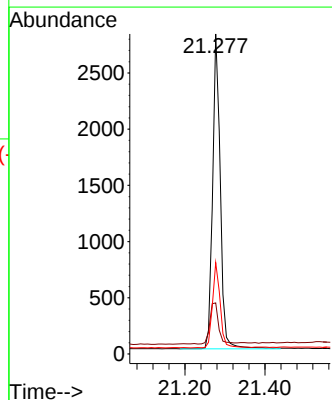
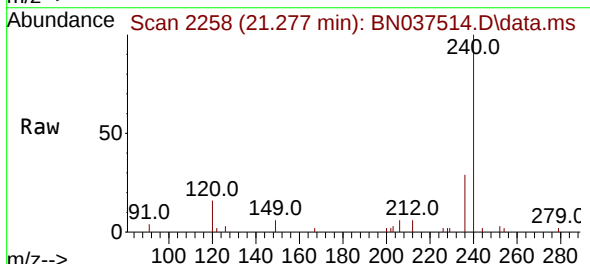


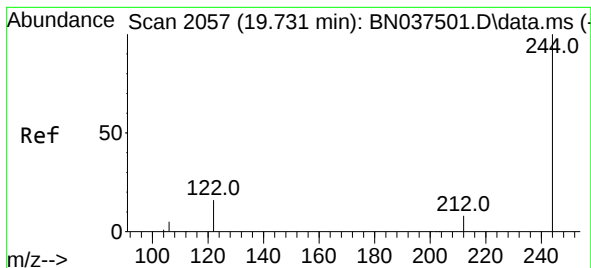
Tgt Ion:212 Resp: 4292
Ion Ratio Lower Upper
212 100
106 13.9 12.2 18.4
104 8.2 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

Tgt Ion:240 Resp: 3752
Ion Ratio Lower Upper
240 100
120 16.0 10.7 16.1
236 28.6 22.6 33.8





#31

Terphenyl-d14

Concen: 0.437 ng

RT: 19.731 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BN037514.D

Acq: 16 Jul 2025 12:16

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250711

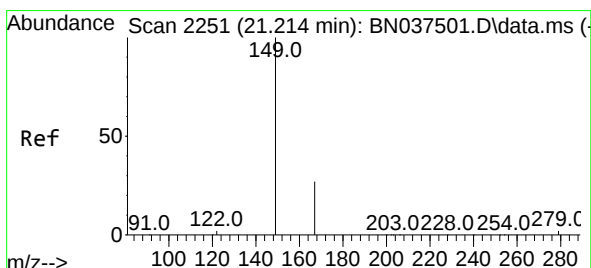
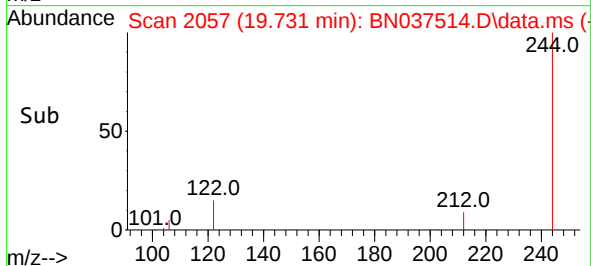
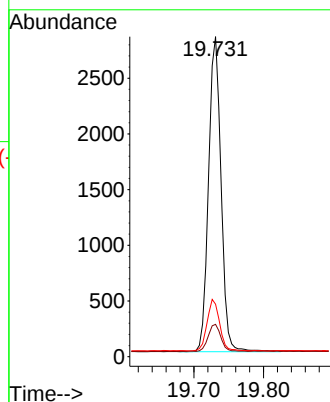
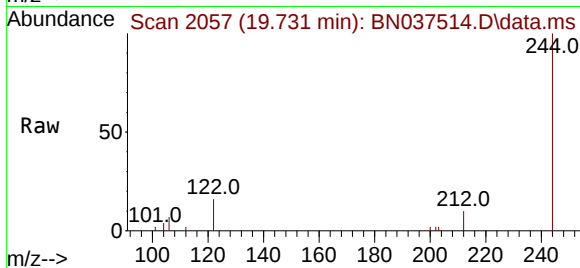
Tgt Ion:244 Resp: 3523

Ion Ratio Lower Upper

244 100

212 10.1 7.4 11.2

122 16.4 13.6 20.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 21.214 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BN037514.D

Acq: 16 Jul 2025 12:16

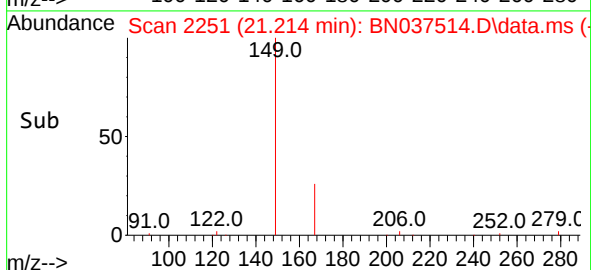
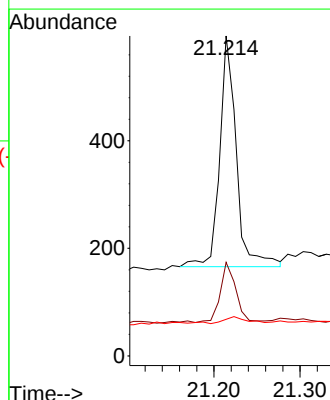
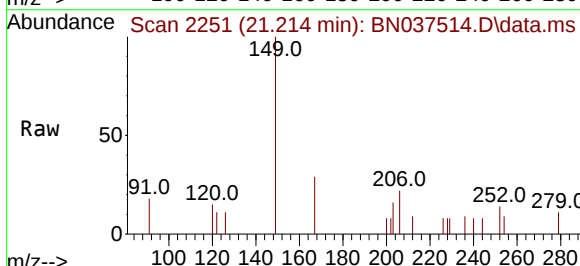
Tgt Ion:149 Resp: 572

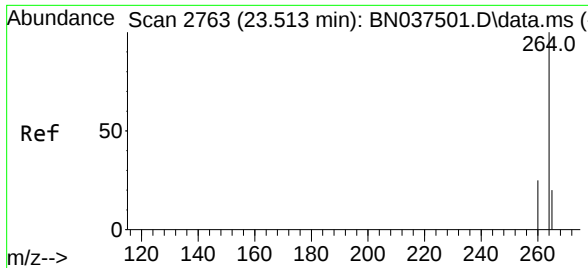
Ion Ratio Lower Upper

149 100

167 24.5 21.8 32.8

279 3.5 3.0 4.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN037514.D
Acq: 16 Jul 2025 12:16

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250711

Tgt Ion:	264	Resp:	3699
Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.2	31.8
265	54.7	40.4	60.6

