

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
 Data File : BN037513.D
 Acq On : 16 Jul 2025 11:40
 Operator : RC/JU
 Sample : Q2603-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-Pond-Test-20250709

Quant Time: Jul 16 12:17:52 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)

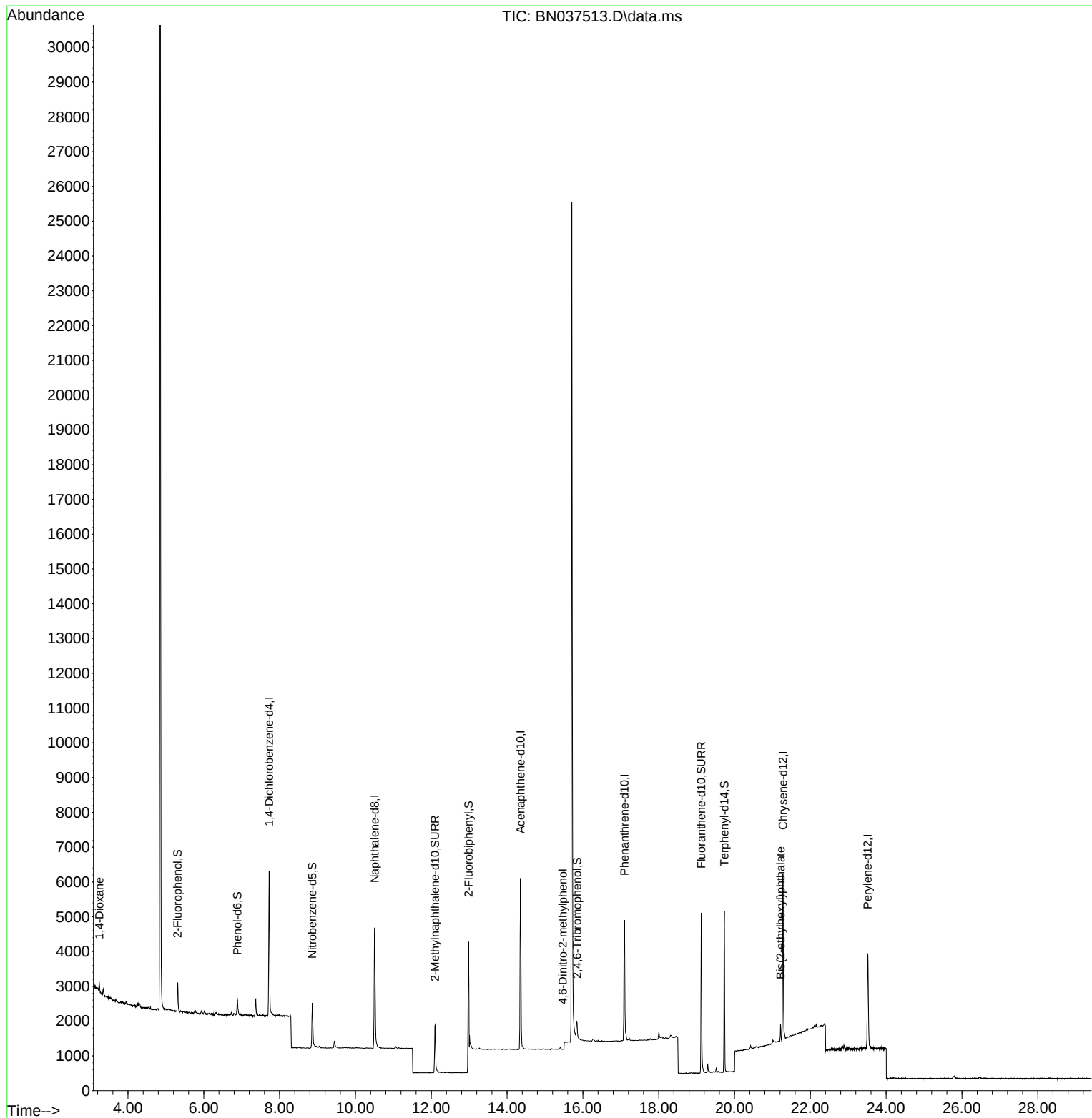
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2084	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5174	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2862	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	5795	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4345	0.400	ng	# 0.00
35) Perylene-d12	23.516	264	3728	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	640	0.124	ng	0.00
5) Phenol-d6	6.887	99	435	0.067	ng	0.00
8) Nitrobenzene-d5	8.865	82	1192	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	2162	0.291	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	372	0.264	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5463	0.367	ng	0.00
27) Fluoranthene-d10	19.127	212	5318	0.346	ng	0.00
31) Terphenyl-d14	19.731	244	4219	0.452	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	192	0.096	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.094	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.214	149	491	0.072	ng	# 93

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

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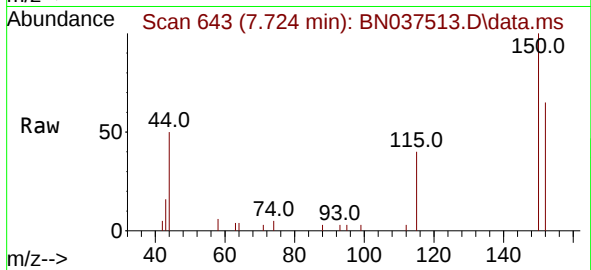
Quant Time: Jul 16 12:17:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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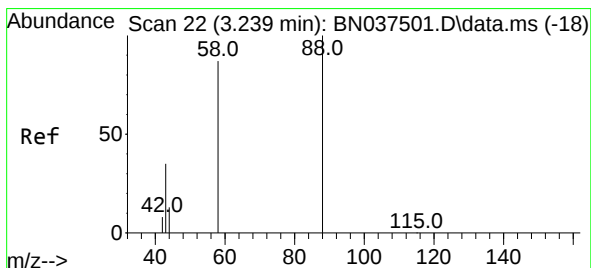
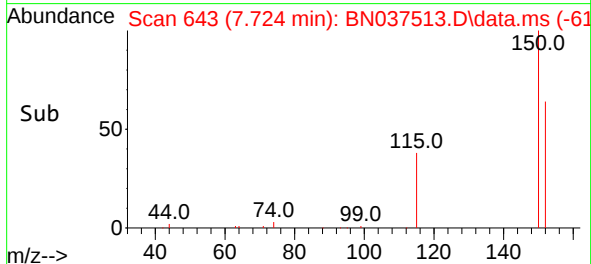
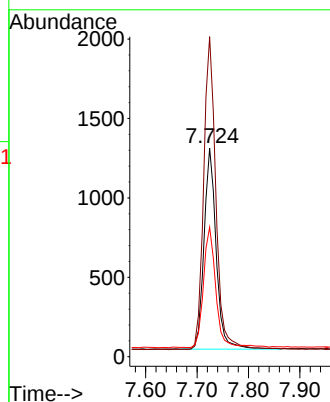
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

Instrument :
 BNA_N
 ClientSampleId :
 RW7-Pond-Test-20250709



Tgt Ion:152 Resp: 2084

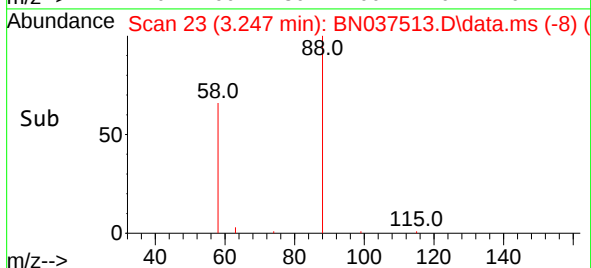
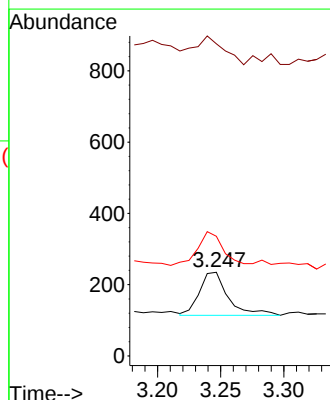
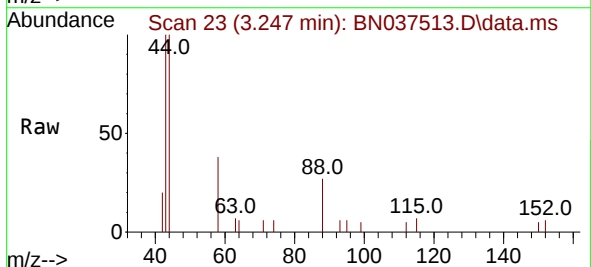
Ion	Ratio	Lower	Upper
152	100		
150	153.3	119.8	179.8
115	62.0	49.1	73.7

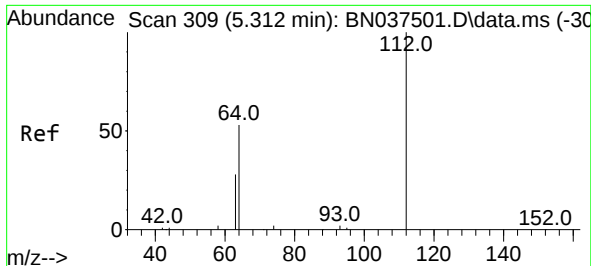


#2
 1,4-Dioxane
 Concen: 0.096 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.007 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

Tgt Ion: 88 Resp: 192

Ion	Ratio	Lower	Upper
88	100		
43	68.8	27.5	41.3#
58	69.3	62.7	94.1

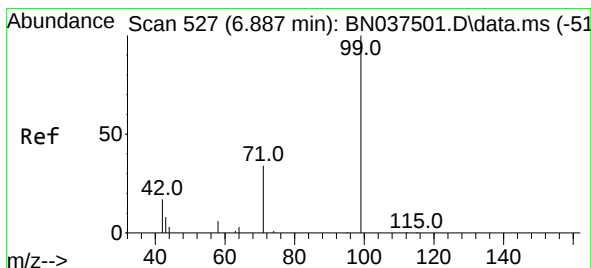
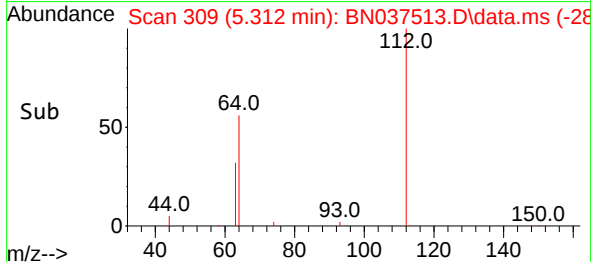
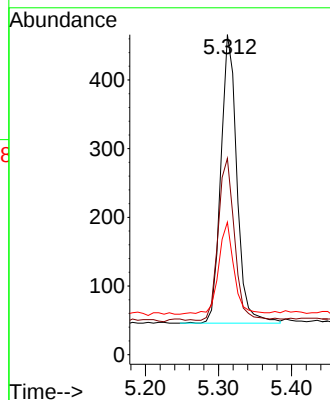
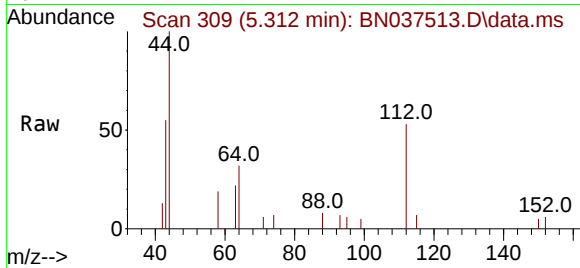




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

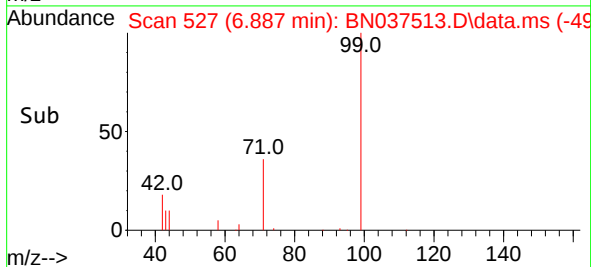
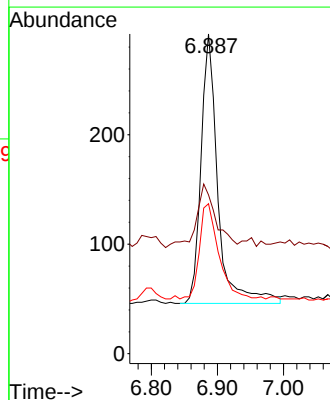
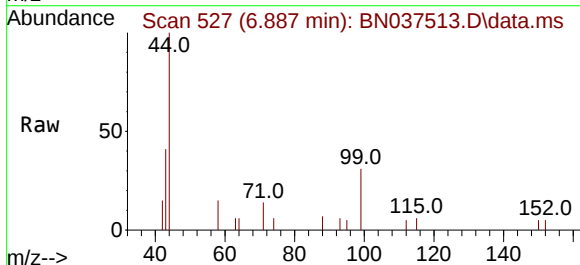
Instrument :
BNA_N
ClientSampleId :
RW7-Pond-Test-20250709

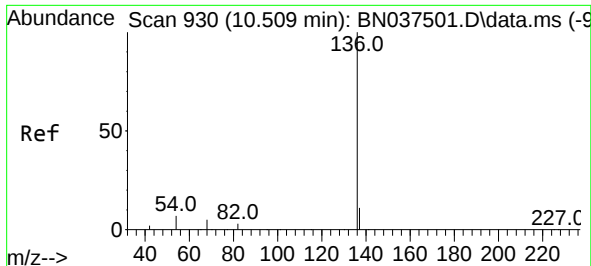
Tgt Ion:	112	Resp:	640
Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.1	67.7
63	30.9	23.8	35.8



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:	99	Resp:	435
Ion	Ratio	Lower	Upper
99	100		
42	27.1	17.1	25.7#
71	40.2	27.8	41.8

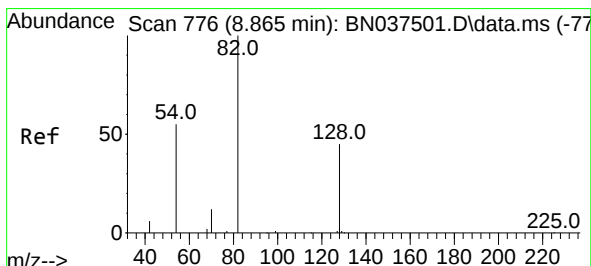
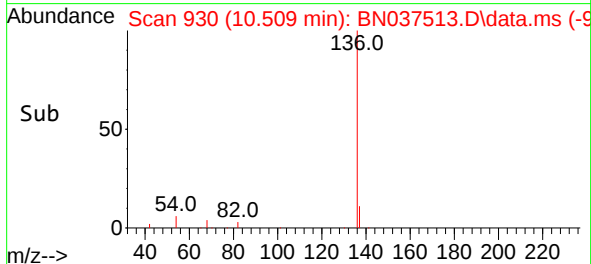
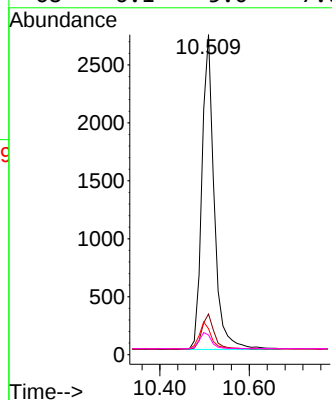
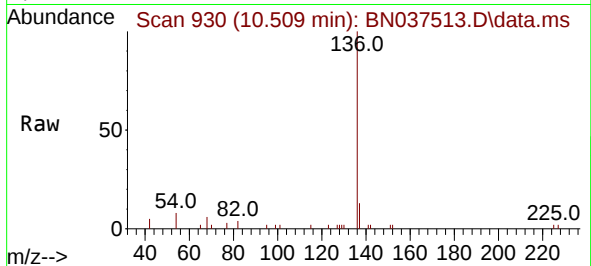




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

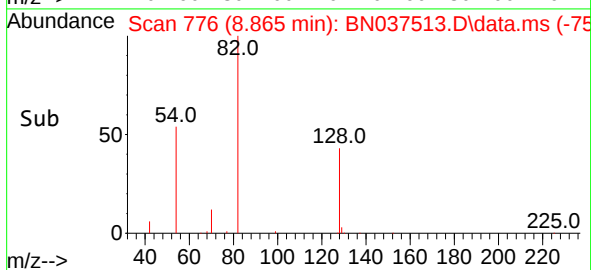
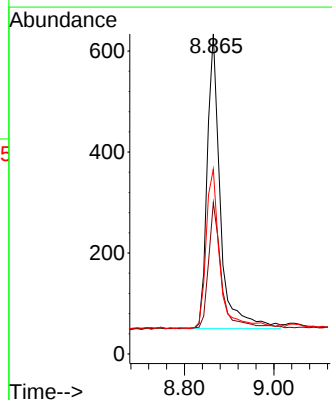
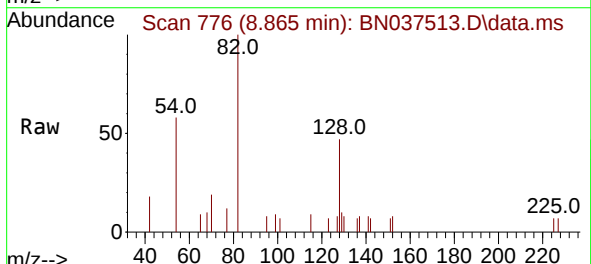
Instrument :
BNA_N
ClientSampleId :
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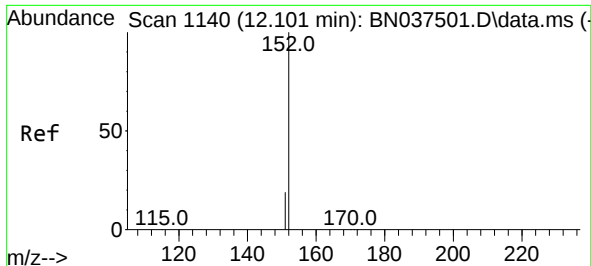
Tgt Ion:	136	Resp:	5174
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	8.1	6.6	9.8
68	6.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:	82	Resp:	1192
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.5	56.3
54	57.7	45.3	67.9

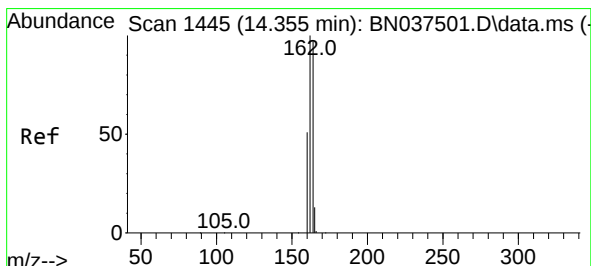
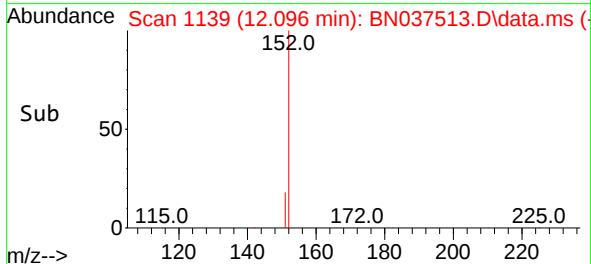
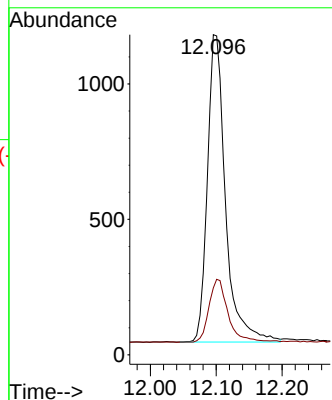
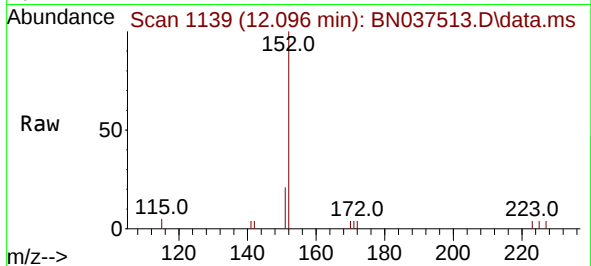




#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.096 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

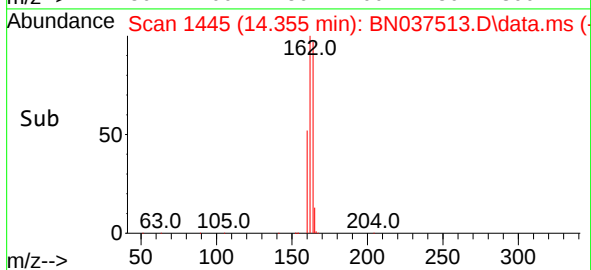
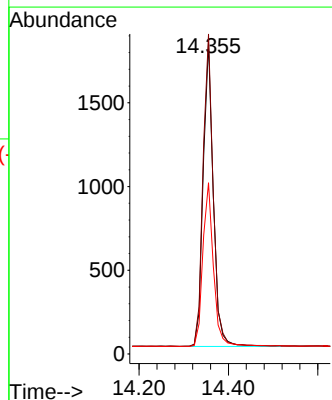
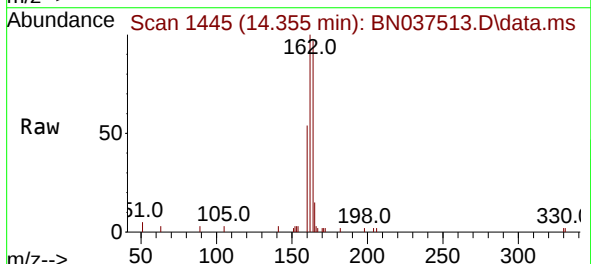
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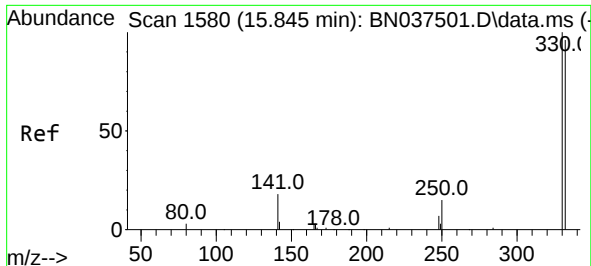
Tgt Ion:152 Resp: 2162
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:164 Resp: 2862
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 55.1 42.4 63.6

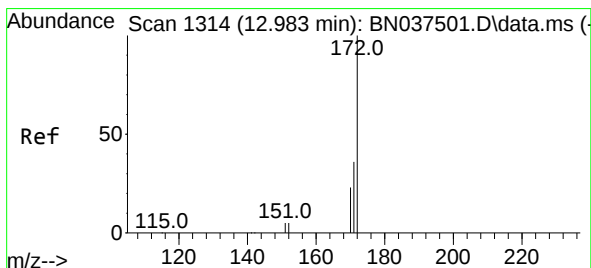
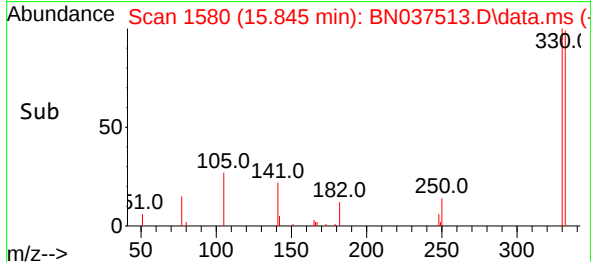
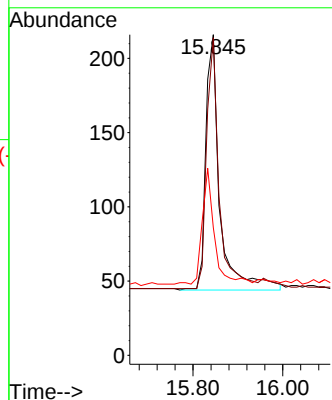
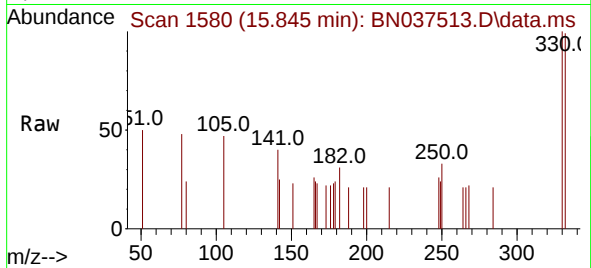




#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

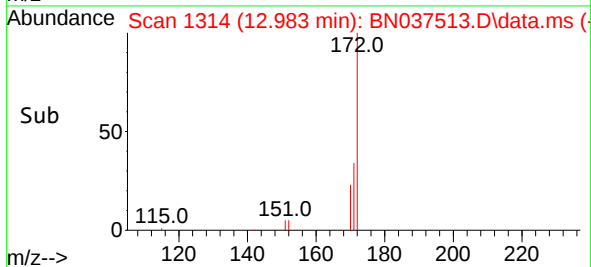
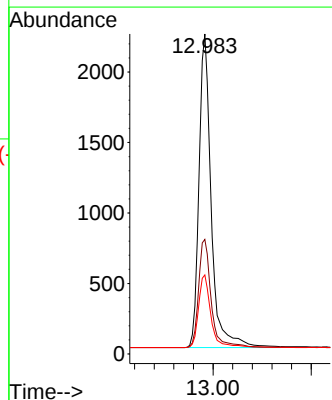
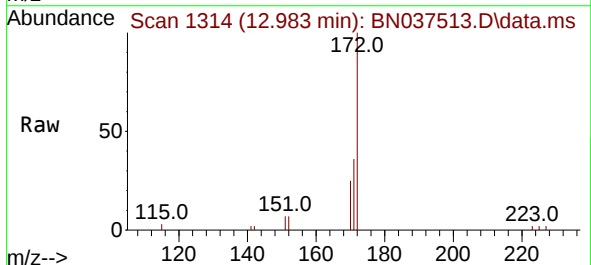
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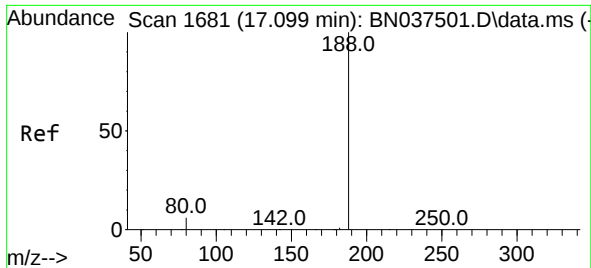
Tgt Ion:	330	Resp:	372
Ion Ratio	Lower	Upper	
330	100		
332	87.4	76.1	114.1
141	40.9	33.4	50.0



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:	172	Resp:	5463
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.4	44.2
170	24.7	19.4	29.0

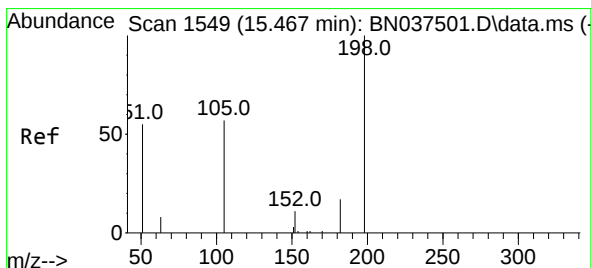
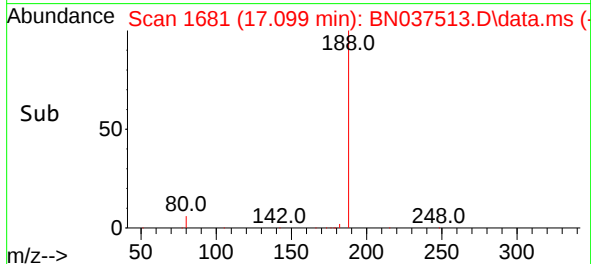
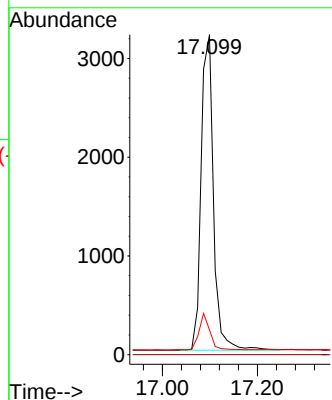
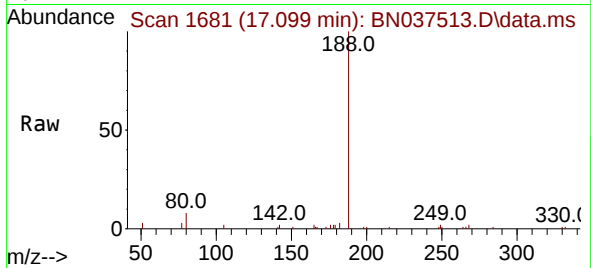




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

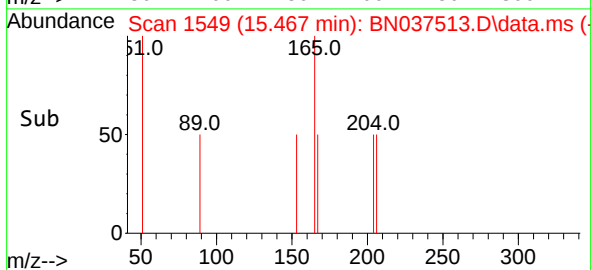
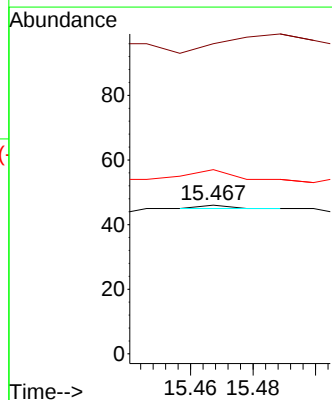
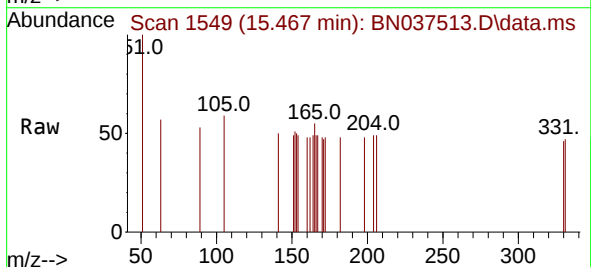
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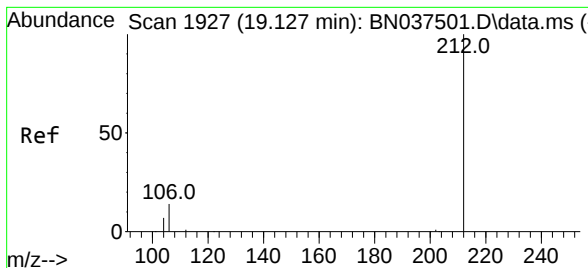
Tgt Ion:188 Resp: 5795
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.0 9.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.094 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037513.D
Acq: 16 Jul 2025 11:40

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 208.7 88.5 132.7#
105 123.9 61.2 91.8#





#27

Fluoranthene-d10

Concen: 0.346 ng

RT: 19.127 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BN037513.D

Acq: 16 Jul 2025 11:40

Instrument :

BNA_N

ClientSampleId :

RW7-Pond-Test-20250709

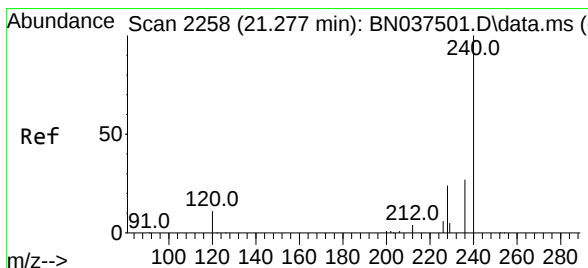
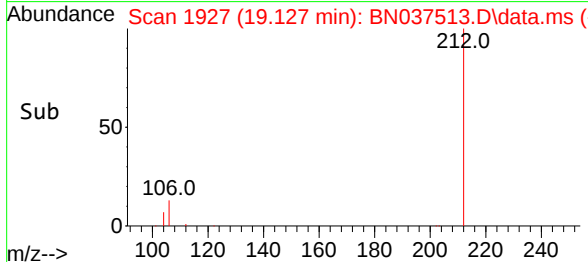
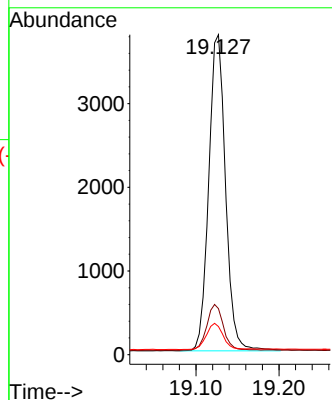
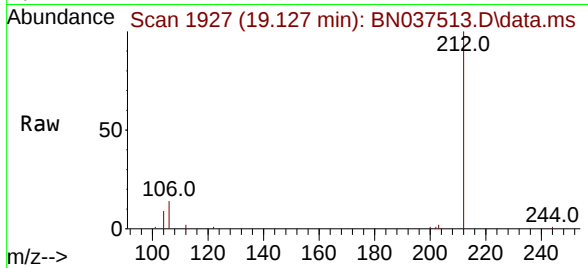
Tgt Ion:212 Resp: 5318

Ion Ratio Lower Upper

212 100

106 14.5 12.2 18.4

104 8.4 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: BN037513.D

Acq: 16 Jul 2025 11:40

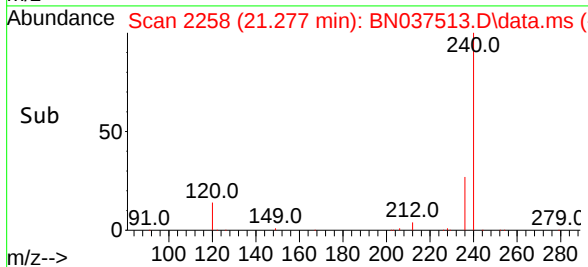
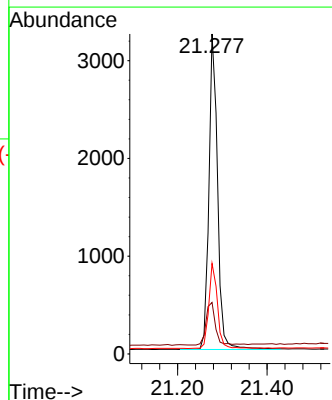
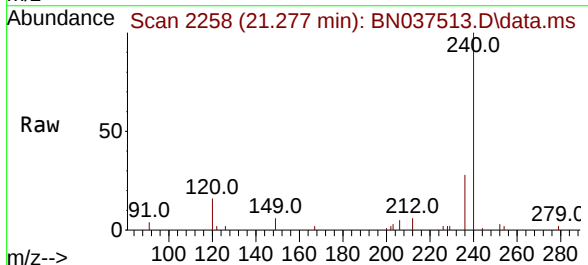
Tgt Ion:240 Resp: 4345

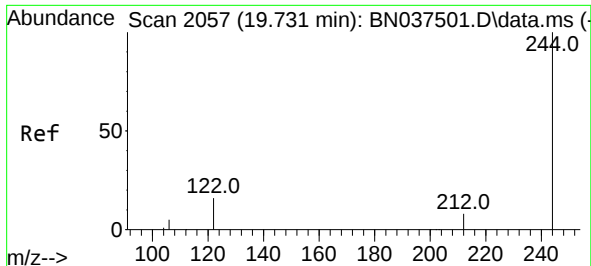
Ion Ratio Lower Upper

240 100

120 16.1 10.7 16.1#

236 28.3 22.6 33.8

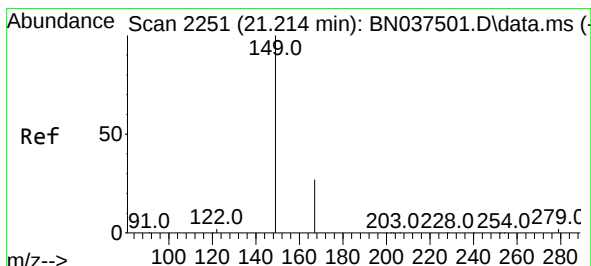
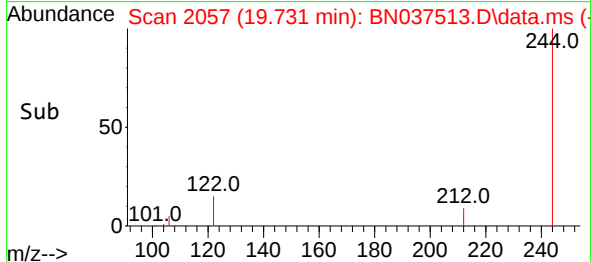
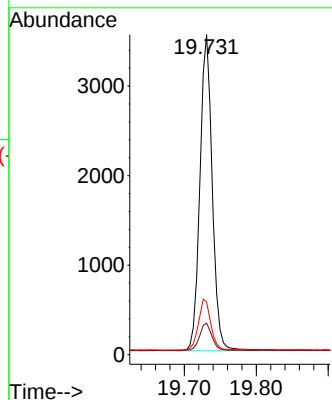
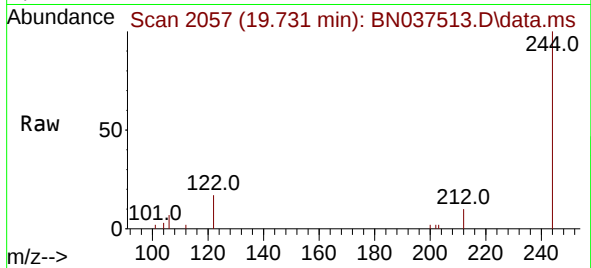




#31
 Terphenyl-d14
 Concen: 0.452 ng
 RT: 19.731 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

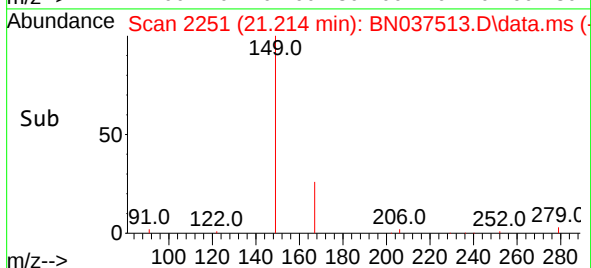
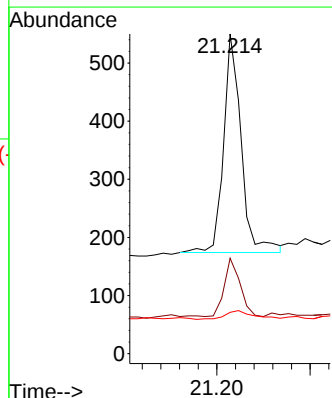
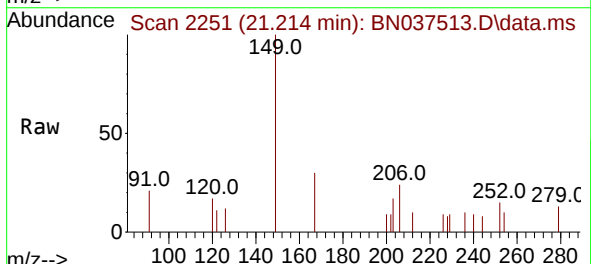
Instrument :
 BNA_N
 ClientSampleId :
 RW7-Pond-Test-20250709

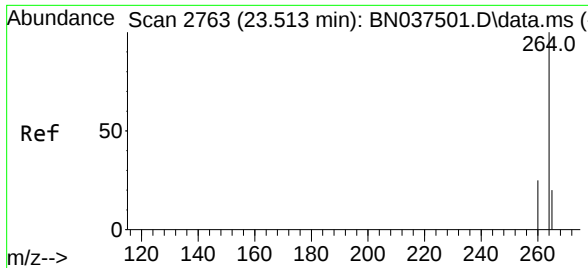
Tgt Ion:	244	Resp:	4219
Ion Ratio	Lower	Upper	
244	100		
212	9.8	7.4	11.2
122	16.5	13.6	20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN037513.D
 Acq: 16 Jul 2025 11:40

Tgt Ion:	149	Resp:	491
Ion Ratio	Lower	Upper	
149	100		
167	23.8	21.8	32.8
279	6.3	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: BN037513.D
Acq: 16 Jul 2025 11:40

Instrument :
BNA_N
ClientSampleId :
RW7-Pond-Test-20250709

Tgt Ion:	264	Resp:	3728
Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.2	31.8
265	55.1	40.4	60.6

