

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037412.D
 Acq On : 27 Jun 2025 03:05
 Operator : RC/JU
 Sample : Q2374-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250619

Quant Time: Jun 27 04:38:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

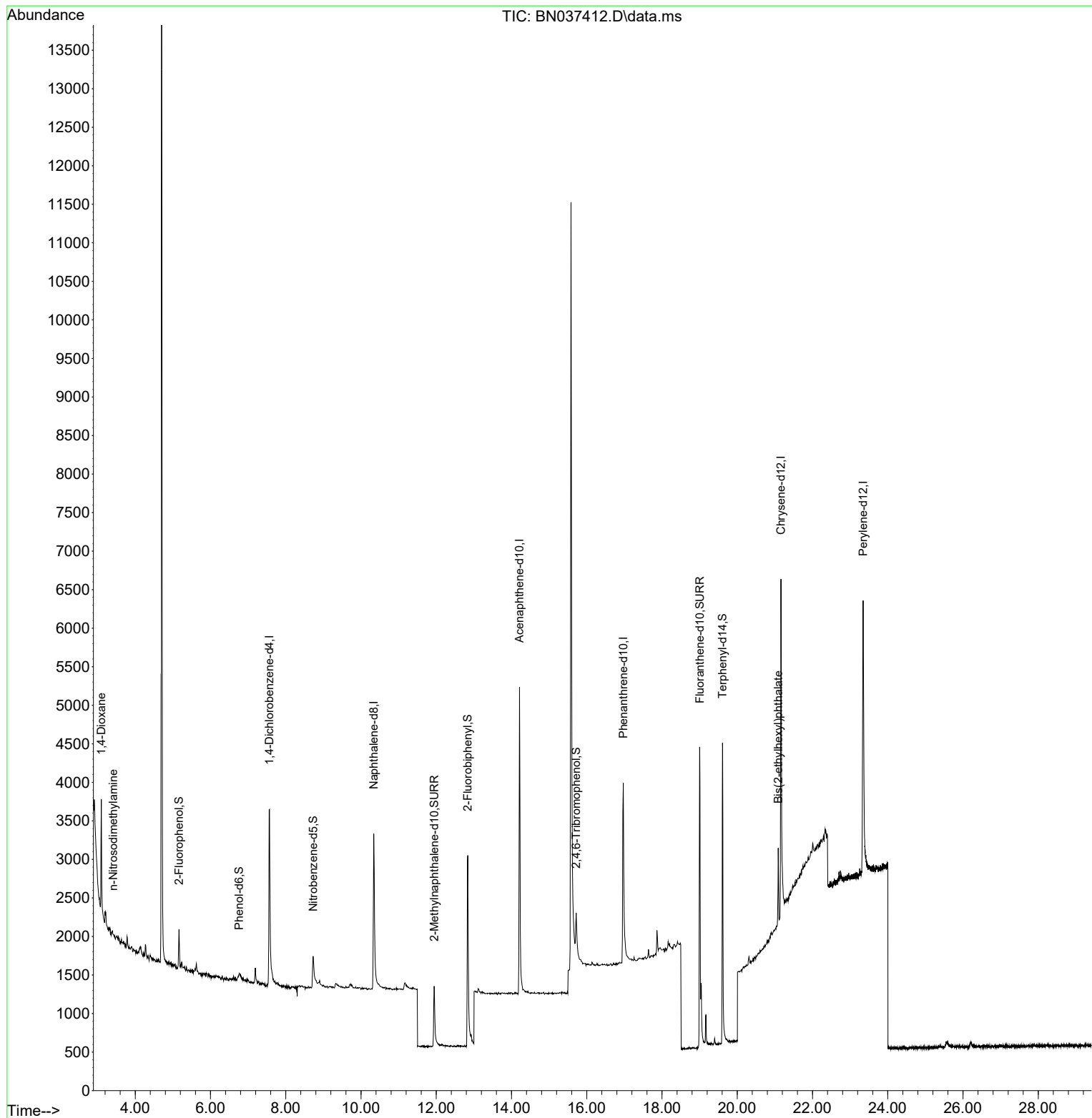
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1700	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3786	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2622	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5275	0.400	ng	0.01
29) Chrysene-d12	21.162	240	5454	0.400	ng	0.00
35) Perylene-d12	23.345	264	5508	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	425	0.130	ng	0.00
5) Phenol-d6	6.759	99	176	0.052	ng	0.01
8) Nitrobenzene-d5	8.728	82	750	0.247	ng	0.01
11) 2-Methylnaphthalene-d10	11.945	152	1628	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	473	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	3087	0.273	ng	0.00
27) Fluoranthene-d10	19.003	212	6109	0.404	ng	0.00
31) Terphenyl-d14	19.607	244	4977	0.428	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	990	0.614	ng	Qvalue 95
3) n-Nitrosodimethylamine	3.415	42	35	0.022	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.090	149	922	0.136	ng	96

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

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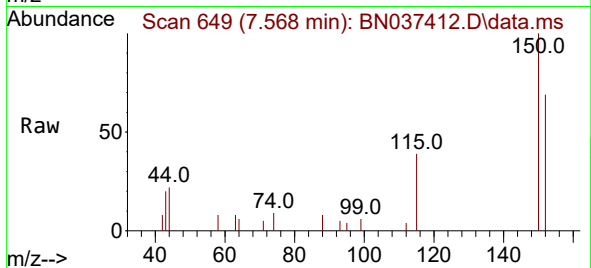
Quant Time: Jun 27 04:38:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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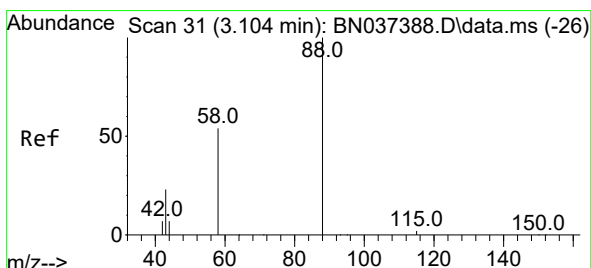
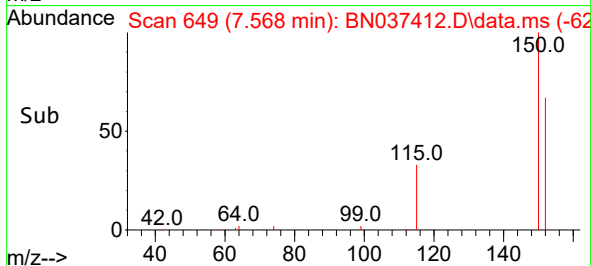
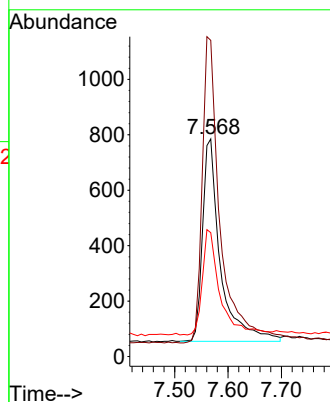


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250619

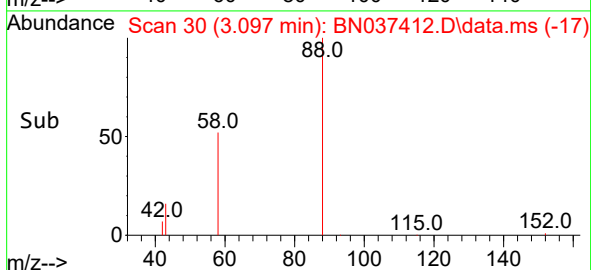
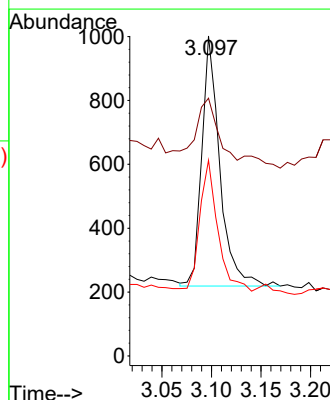
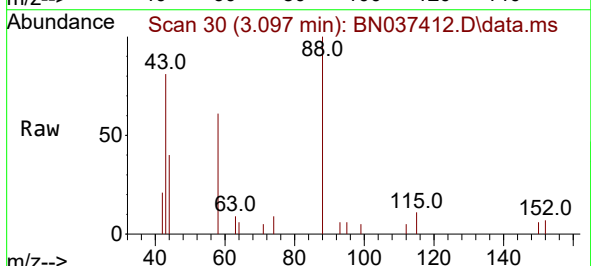


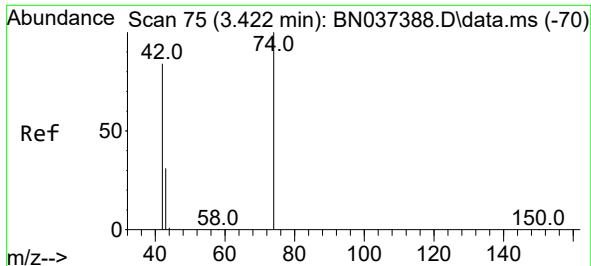
Tgt Ion:152 Resp: 1700
 Ion Ratio Lower Upper
 152 100
 150 145.4 116.2 174.2
 115 56.9 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.614 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

Tgt Ion: 88 Resp: 990
 Ion Ratio Lower Upper
 88 100
 43 27.8 21.6 32.4
 58 52.5 45.9 68.9

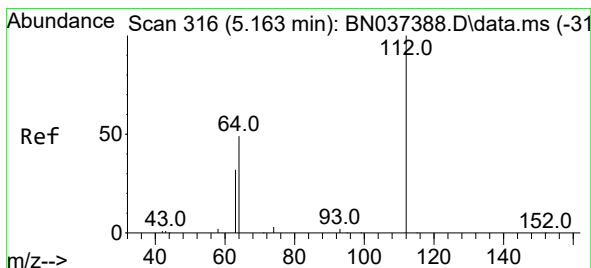
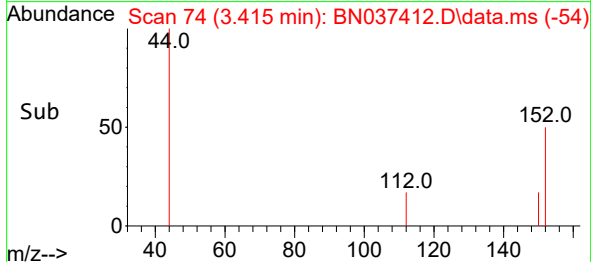
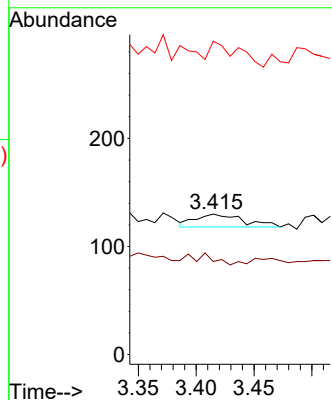
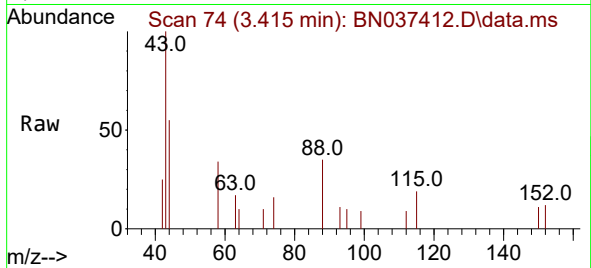




#3
 n-Nitrosodimethylamine
 Concen: 0.022 ng
 RT: 3.415 min Scan# 74
 Delta R.T. -0.007 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

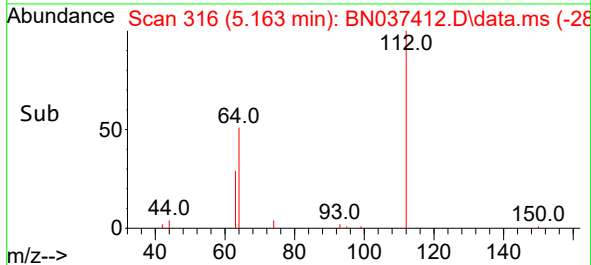
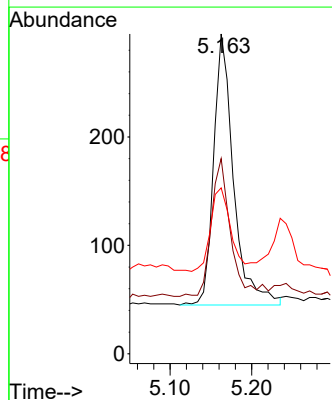
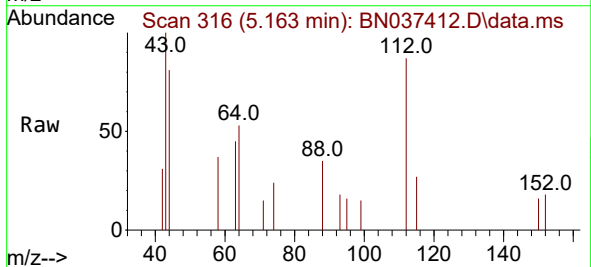
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250619

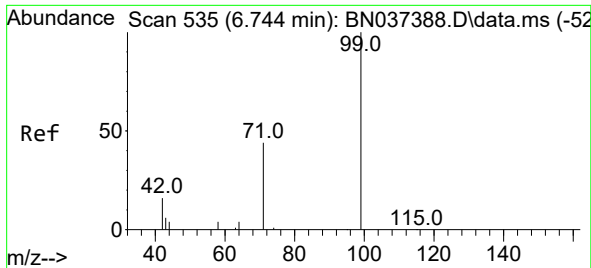
Tgt Ion: 42 Resp: 35
 Ion Ratio Lower Upper
 42 100
 74 0.0 97.8 146.8#
 44 111.4 8.7 13.1#



#4
 2-Fluorophenol
 Concen: 0.130 ng
 RT: 5.163 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

Tgt Ion: 112 Resp: 425
 Ion Ratio Lower Upper
 112 100
 64 47.8 40.3 60.5
 63 32.2 26.1 39.1

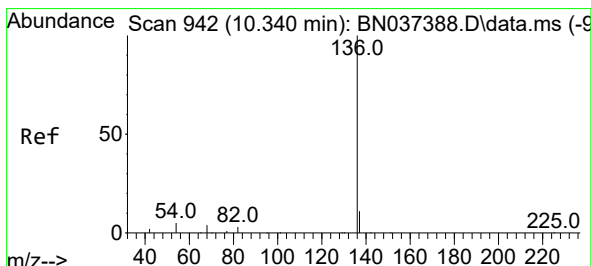
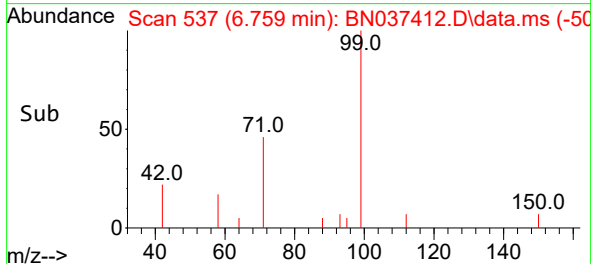
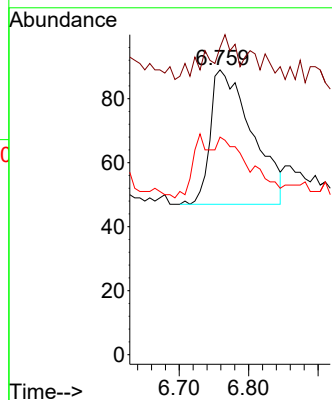
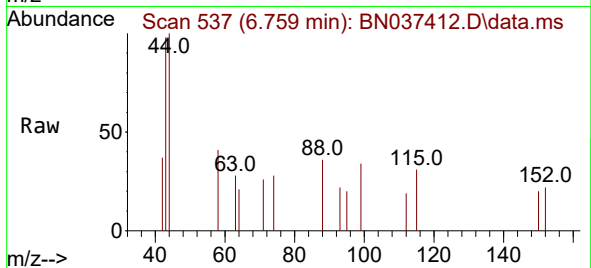




#5
Phenol-d6
Concen: 0.052 ng
RT: 6.759 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

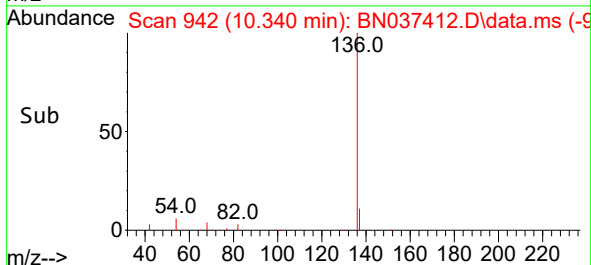
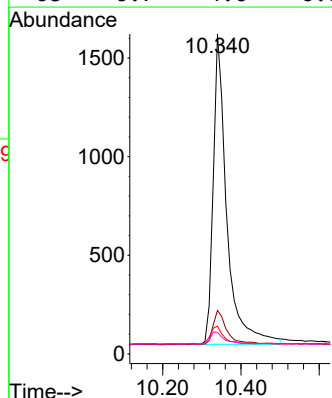
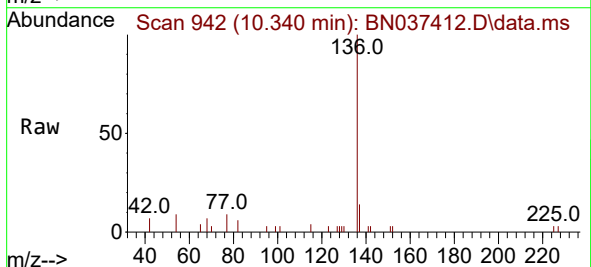
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250619

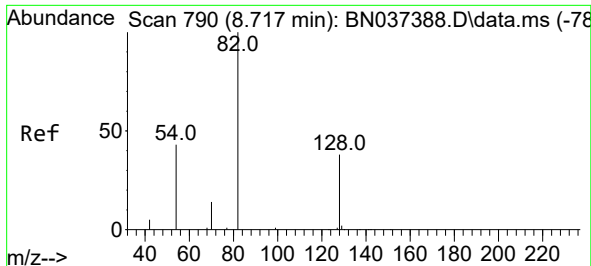
Tgt Ion: 99 Resp: 176
Ion Ratio Lower Upper
99 100
42 21.0 15.6 23.4
71 0.0 35.8 53.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion: 136 Resp: 3786
Ion Ratio Lower Upper
136 100
137 13.6 10.4 15.6
54 8.7 5.6 8.4#
68 6.7 4.6 6.8

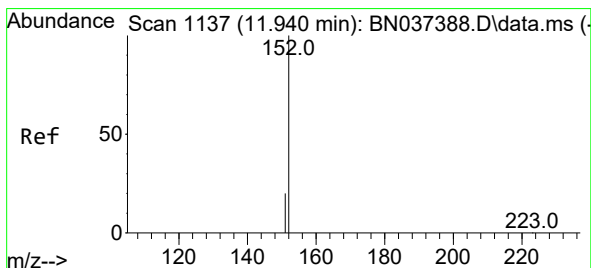
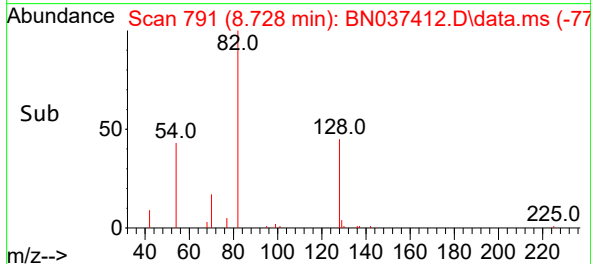
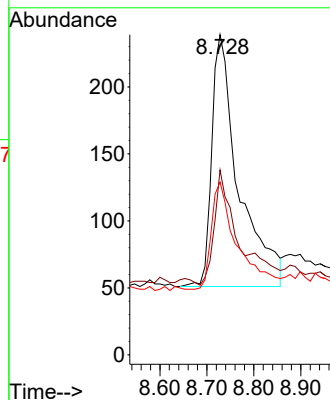
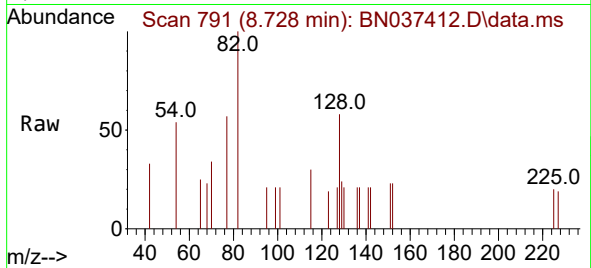




#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

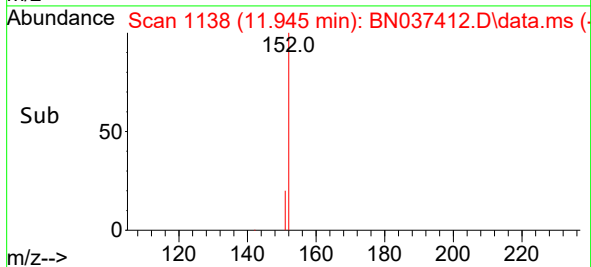
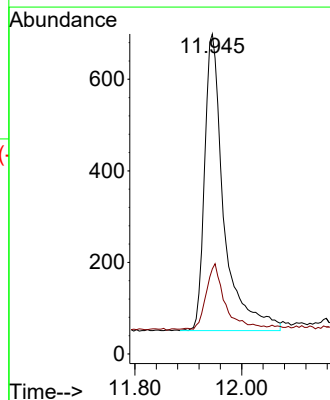
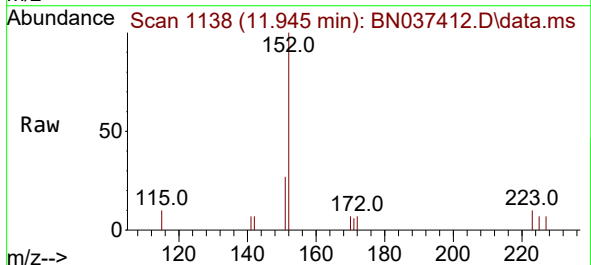
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250619

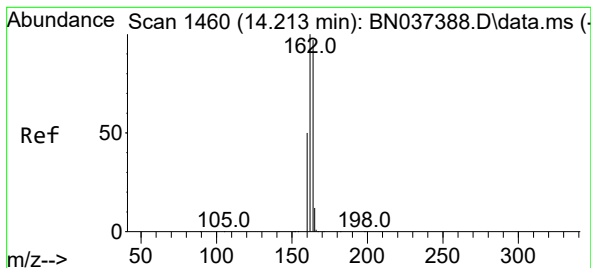
Tgt Ion: 82 Resp: 750
Ion Ratio Lower Upper
82 100
128 57.7 34.0 51.0#
54 54.0 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.945 min Scan# 1138
Delta R.T. 0.005 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion:152 Resp: 1628
Ion Ratio Lower Upper
152 100
151 20.9 18.4 27.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.213 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250619

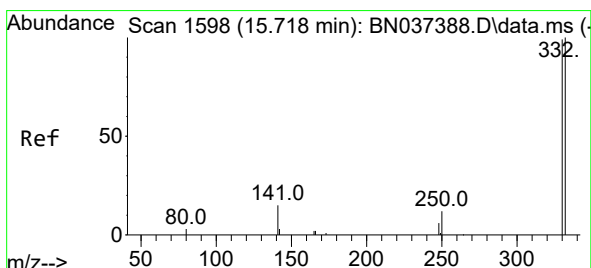
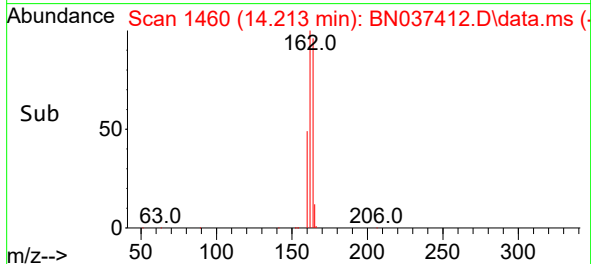
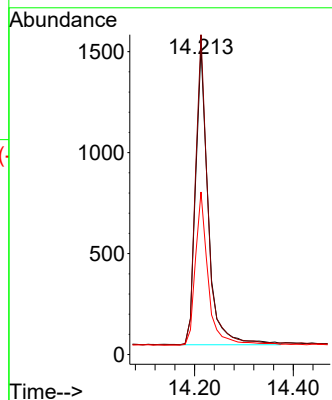
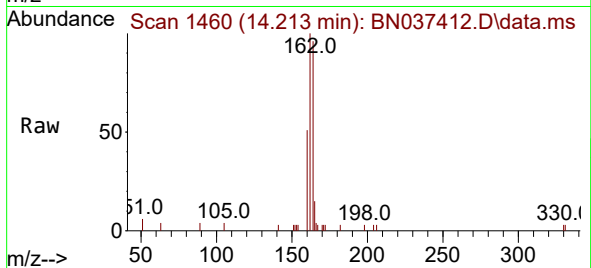
Tgt Ion:164 Resp: 2622

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

160 52.9 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.308 ng

RT: 15.718 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

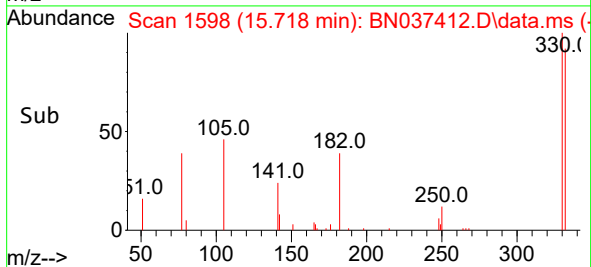
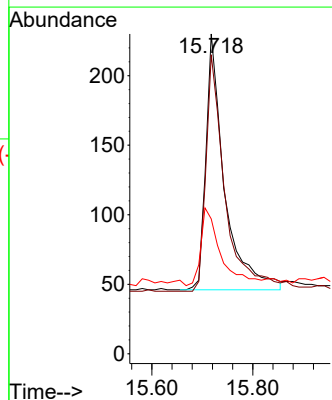
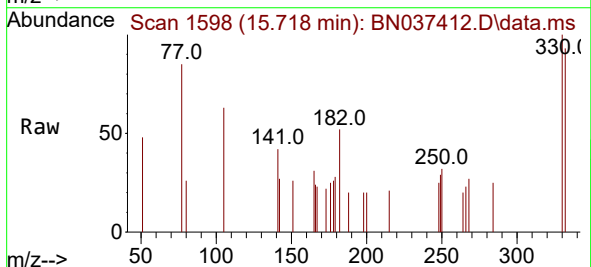
Tgt Ion:330 Resp: 473

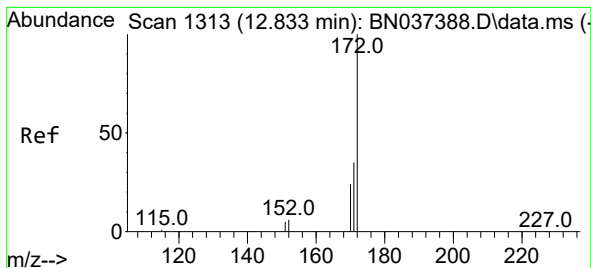
Ion Ratio Lower Upper

330 100

332 95.1 77.8 116.8

141 32.6 24.0 36.0





#15

2-Fluorobiphenyl

Concen: 0.273 ng

RT: 12.838 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250619

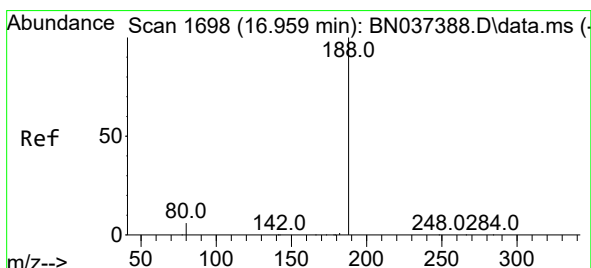
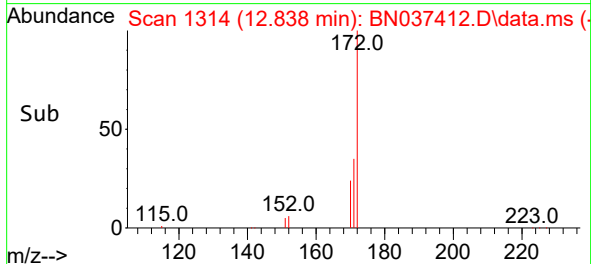
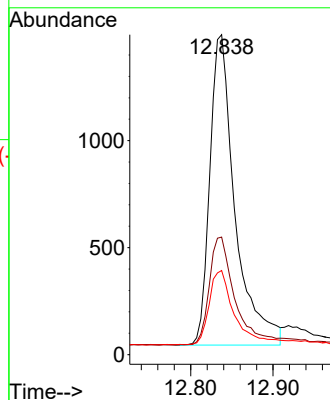
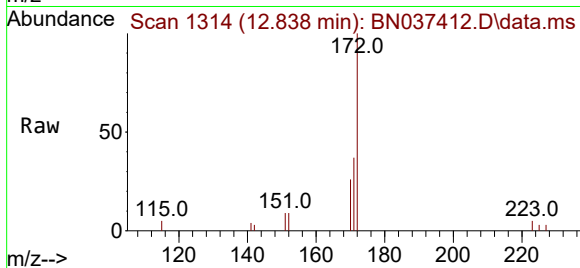
Tgt Ion:172 Resp: 3087

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 26.3 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.012 min

Lab File: BN037412.D

Acq: 27 Jun 2025 03:05

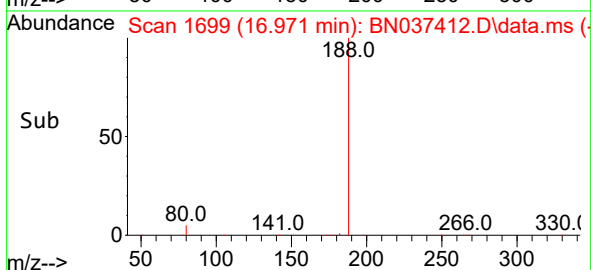
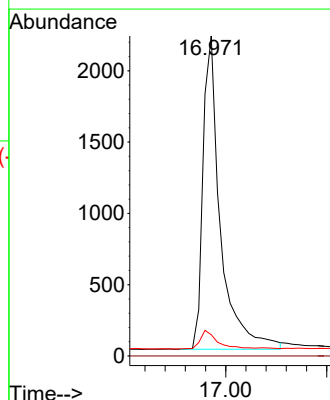
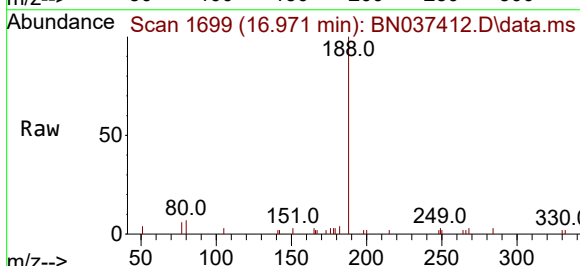
Tgt Ion:188 Resp: 5275

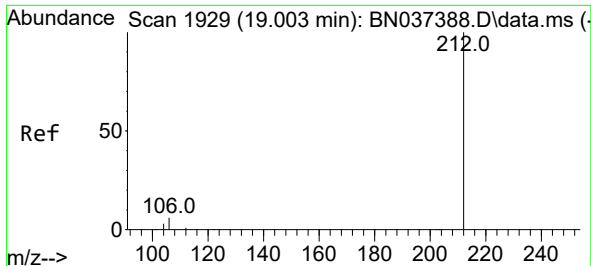
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.6 6.2 9.4

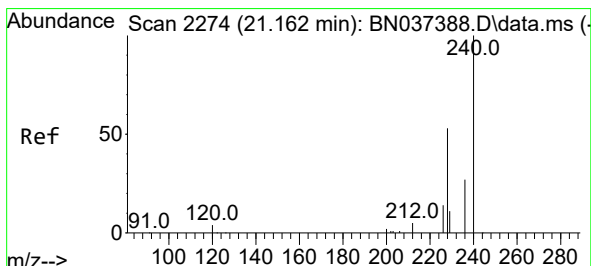
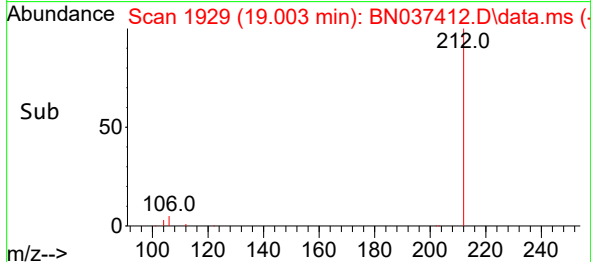
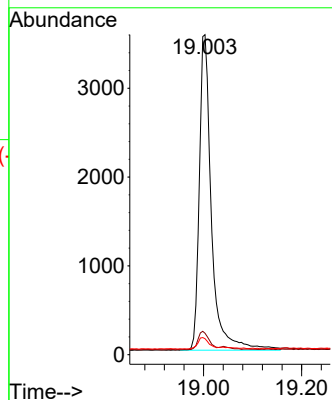
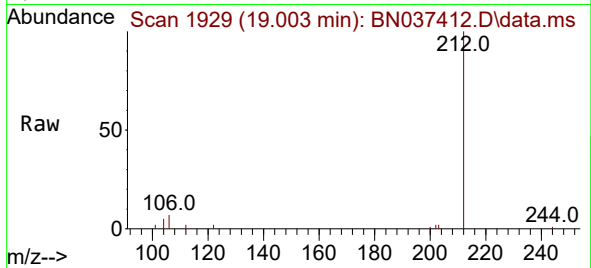




#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

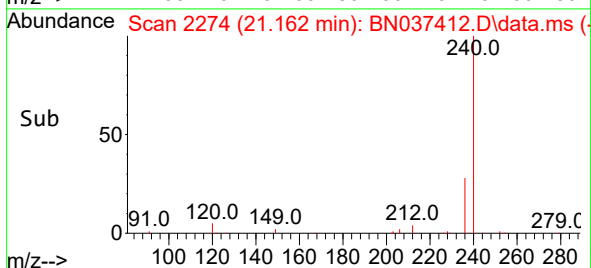
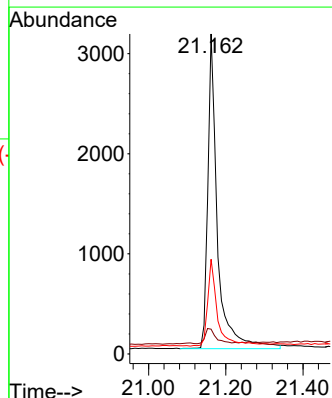
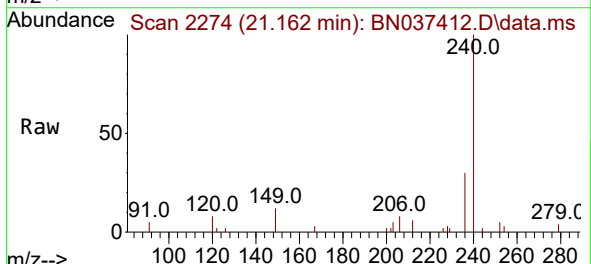
Instrument :
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RW7-SP303-20250619

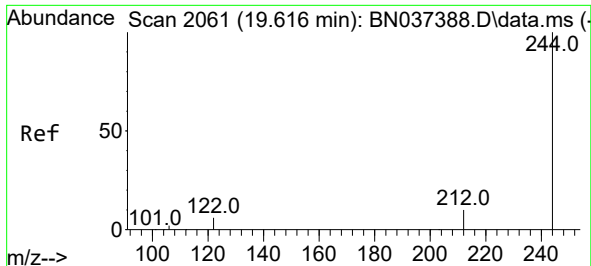
Tgt Ion:212 Resp: 6109
Ion Ratio Lower Upper
212 100
106 5.4 4.5 6.7
104 3.5 2.7 4.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BN037412.D
Acq: 27 Jun 2025 03:05

Tgt Ion:240 Resp: 5454
Ion Ratio Lower Upper
240 100
120 7.7 5.3 7.9
236 29.6 22.7 34.1

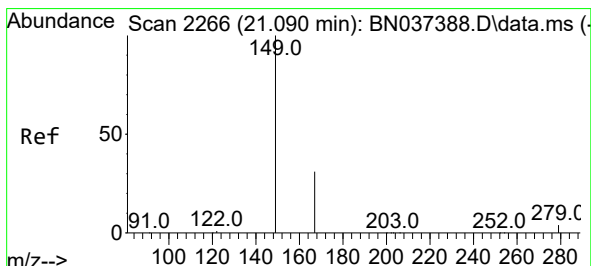
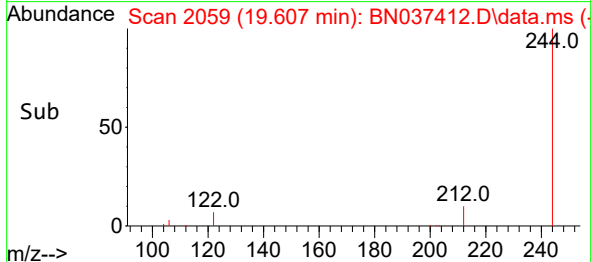
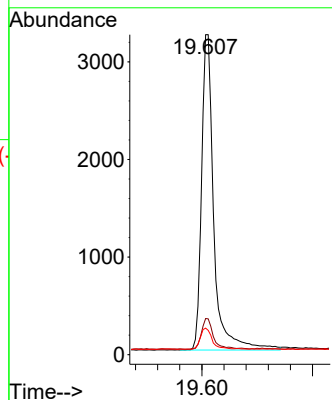
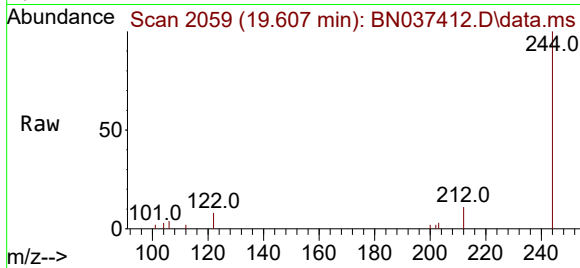




#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.607 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

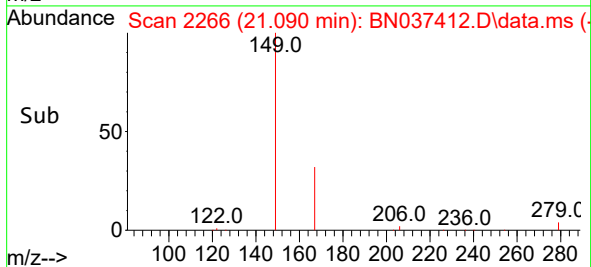
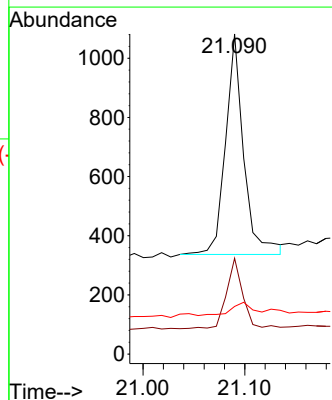
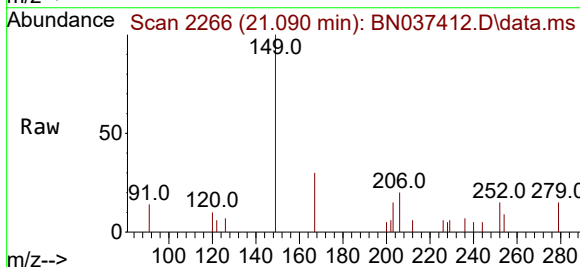
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250619

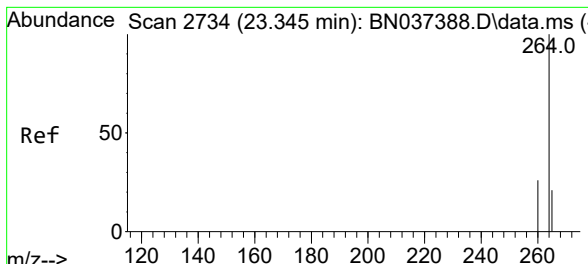
Tgt Ion:244 Resp: 4977
 Ion Ratio Lower Upper
 244 100
 212 11.3 9.1 13.7
 122 8.3 6.3 9.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.090 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

Tgt Ion:149 Resp: 922
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.8 37.2
 279 7.2 5.0 7.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.345 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037412.D
 Acq: 27 Jun 2025 03:05

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250619

Tgt Ion:264 Resp: 5508

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.0
265	88.7	56.2	84.4#

