

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
 Data File : BN036947.D
 Acq On : 30 Apr 2025 15:16
 Operator : RC/JU
 Sample : Q1886-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250423

Quant Time: Apr 30 15:48:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

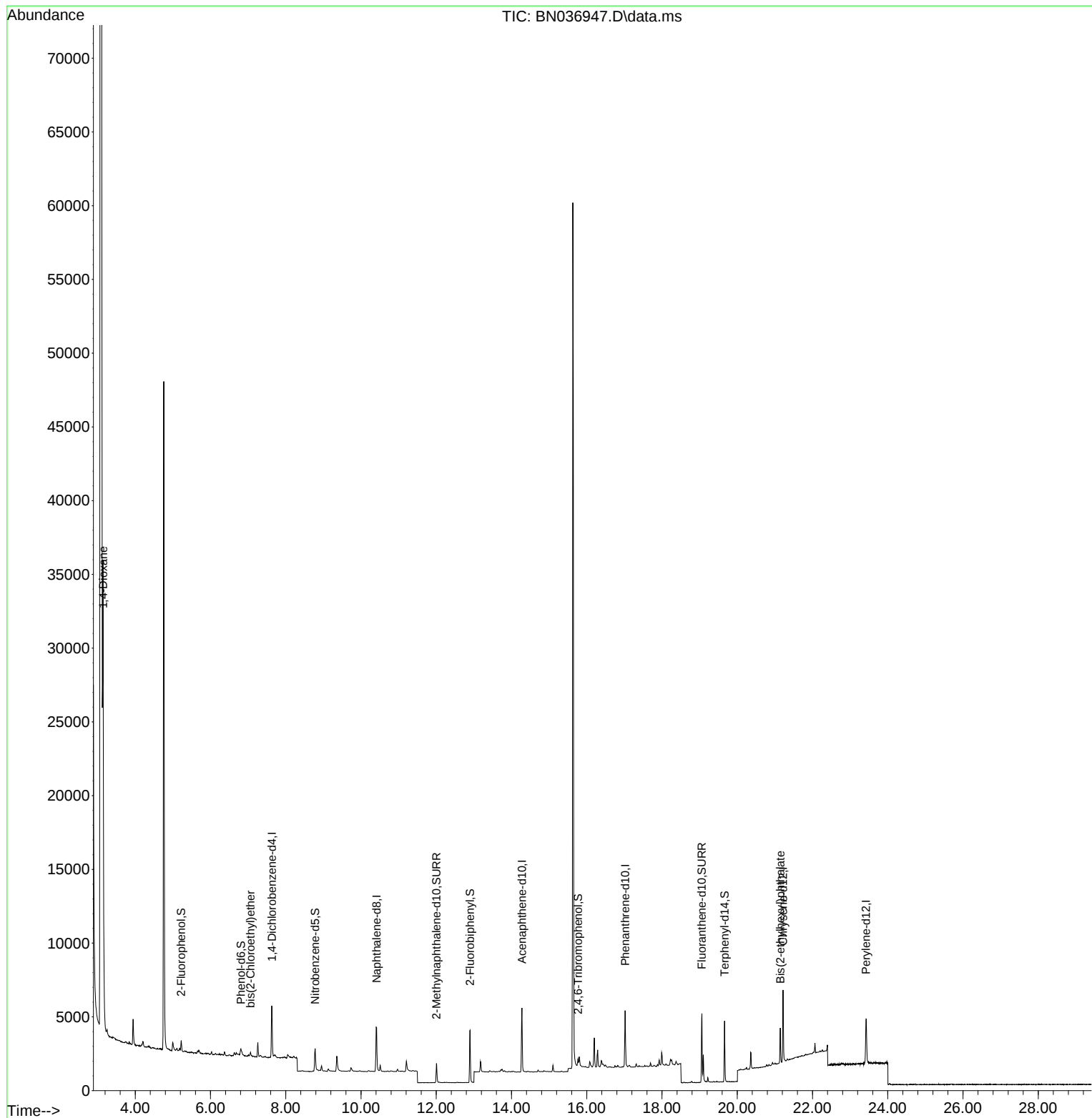
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1739	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	4356	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2481	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5000	0.400	ng	0.00
29) Chrysene-d12	21.215	240	4495	0.400	ng	0.00
35) Perylene-d12	23.424	264	4168	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	523	0.118	ng	0.00
5) Phenol-d6	6.809	99	398	0.073	ng	0.00
8) Nitrobenzene-d5	8.781	82	1440	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	1858	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	249	0.225	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	3733	0.311	ng	0.00
27) Fluoranthene-d10	19.059	212	5142	0.397	ng	0.00
31) Terphenyl-d14	19.662	244	3766	0.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	13401	6.184	ng	95
6) bis(2-Chloroethyl)ether	7.062	93	197	0.039	ng	96
34) Bis(2-ethylhexyl)phtha...	21.144	149	2248	0.239	ng	97

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

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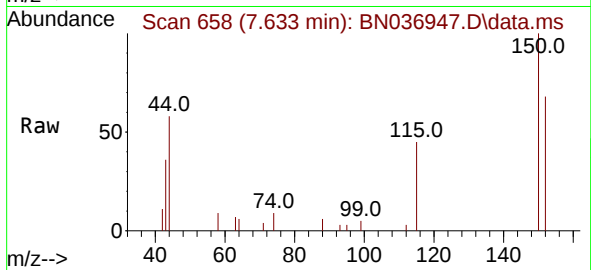
Quant Time: Apr 30 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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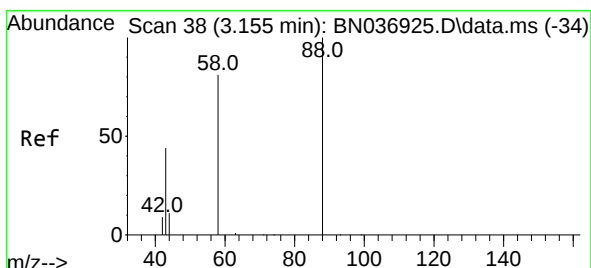
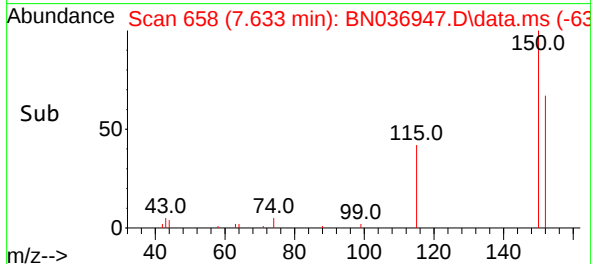
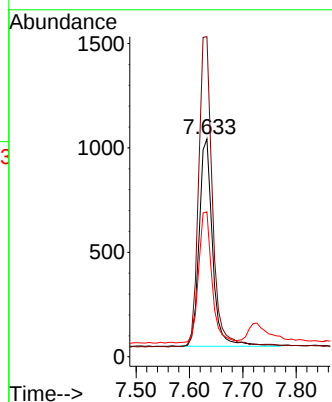


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN036947.D
 Acq: 30 Apr 2025 15:16

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250423

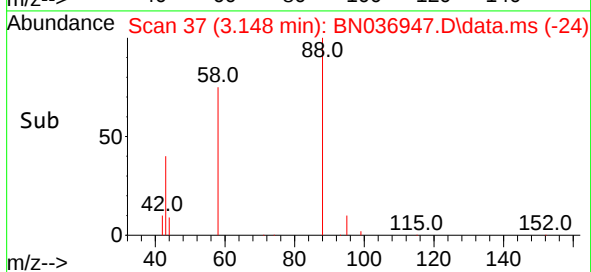
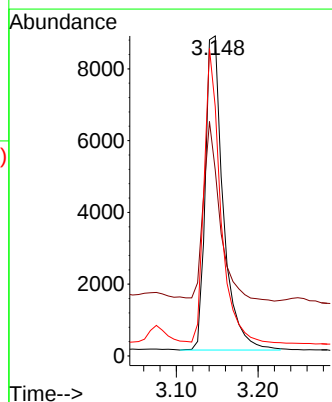
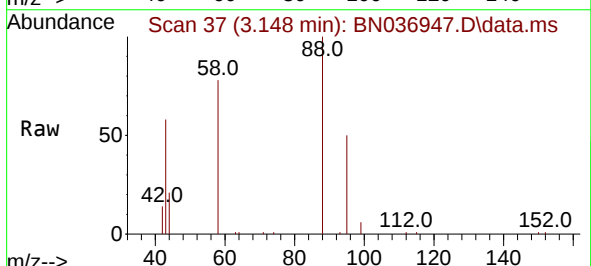


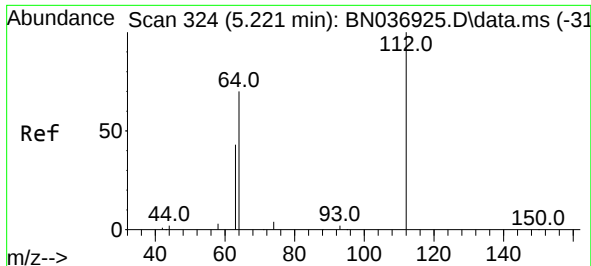
Tgt Ion:152 Resp: 1739
 Ion Ratio Lower Upper
 152 100
 150 147.0 121.1 181.7
 115 66.5 51.8 77.6



#2
 1,4-Dioxane
 Concen: 6.184 ng
 RT: 3.148 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN036947.D
 Acq: 30 Apr 2025 15:16

Tgt Ion: 88 Resp: 13401
 Ion Ratio Lower Upper
 88 100
 43 52.8 37.9 56.9
 58 85.3 65.8 98.6

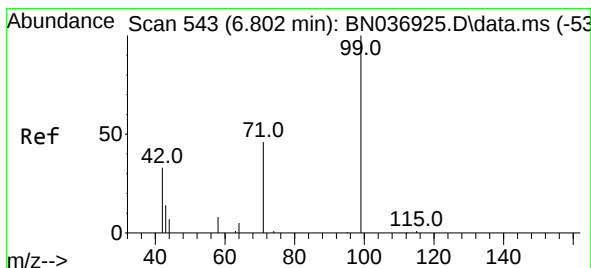
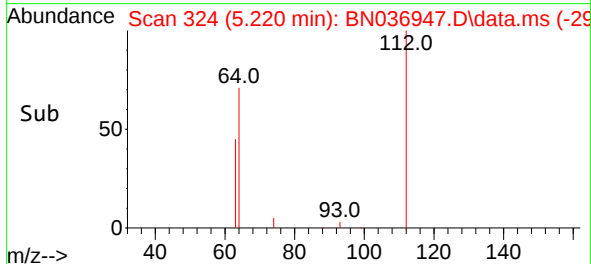
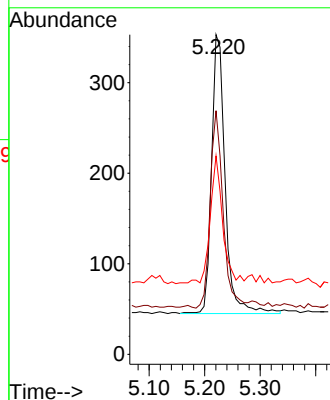
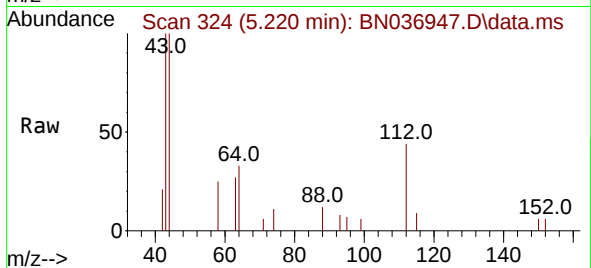




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.220 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN036947.D
Acq: 30 Apr 2025 15:16

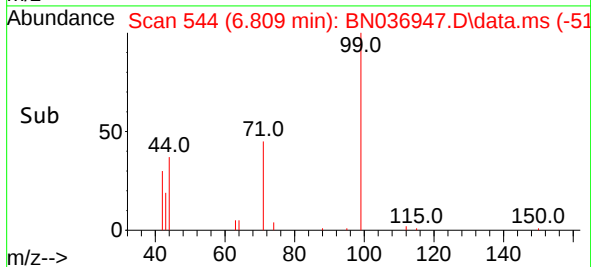
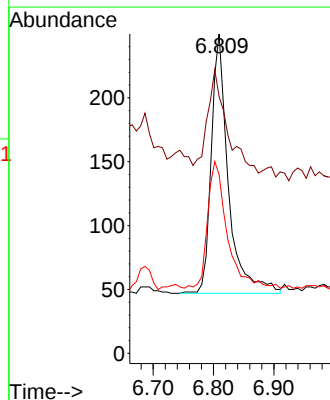
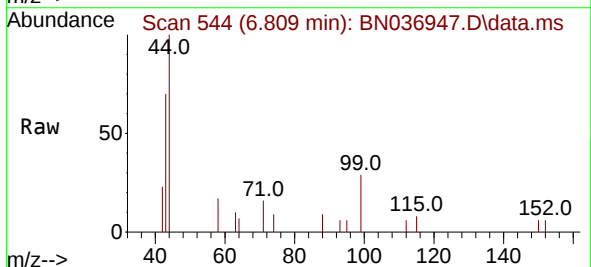
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423

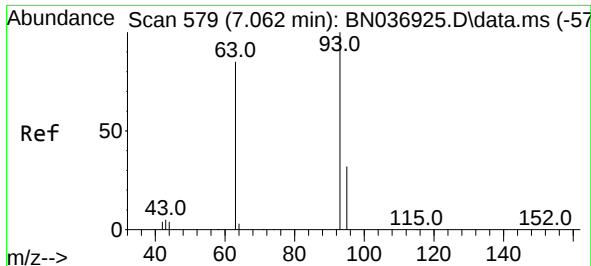
Tgt Ion:112 Resp: 523
Ion Ratio Lower Upper
112 100
64 67.5 55.7 83.5
63 41.1 33.9 50.9



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.809 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN036947.D
Acq: 30 Apr 2025 15:16

Tgt Ion: 99 Resp: 398
Ion Ratio Lower Upper
99 100
42 45.7 29.6 44.4#
71 56.0 36.0 54.0#

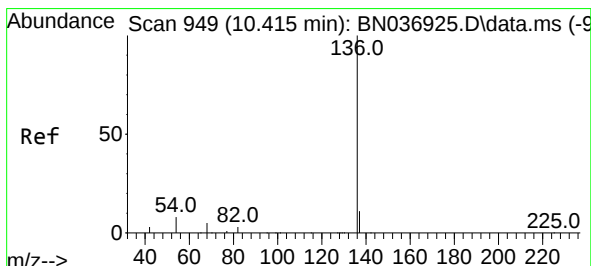
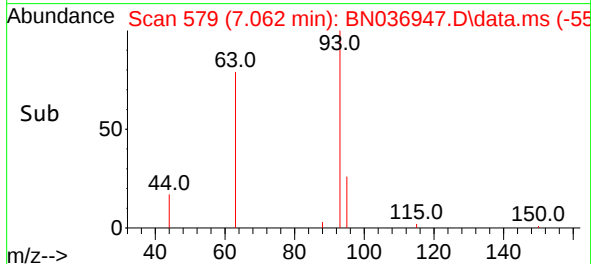
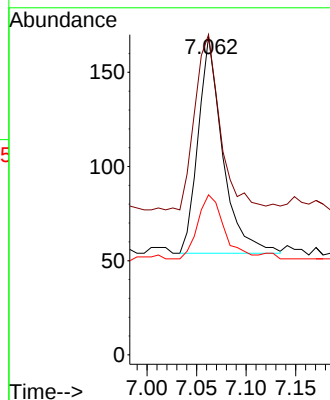
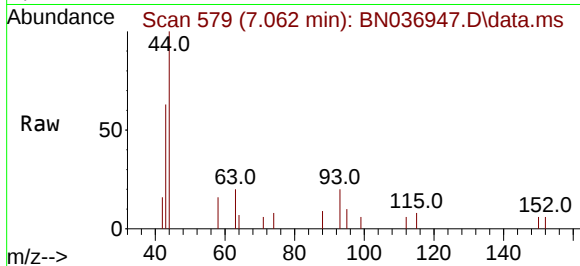




#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.062 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036947.D
Acq: 30 Apr 2025 15:16

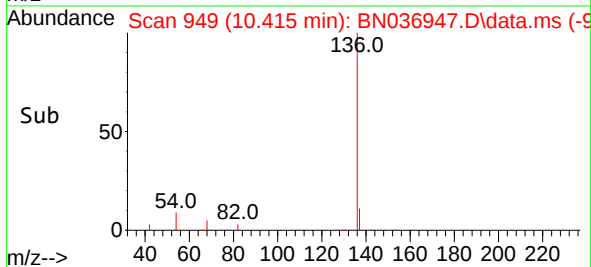
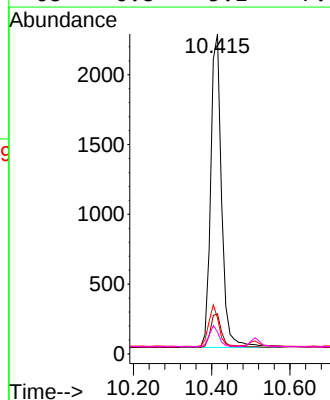
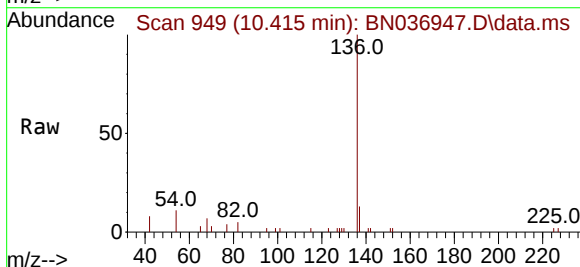
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423

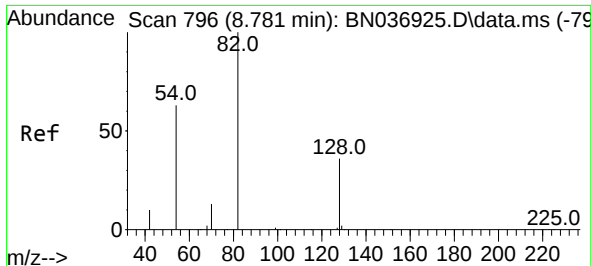
Tgt Ion: 93 Resp: 197
Ion Ratio Lower Upper
93 100
63 91.4 69.0 103.6
95 32.0 25.4 38.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036947.D
Acq: 30 Apr 2025 15:16

Tgt Ion:136 Resp: 4356
Ion Ratio Lower Upper
136 100
137 12.5 9.7 14.5
54 11.2 8.0 12.0
68 6.8 5.1 7.7

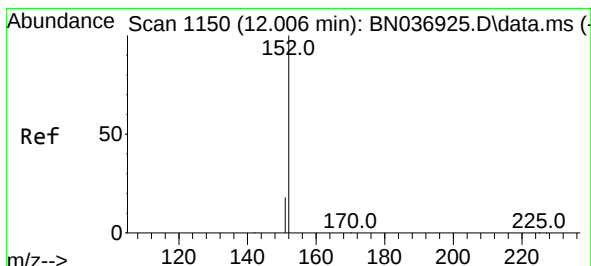
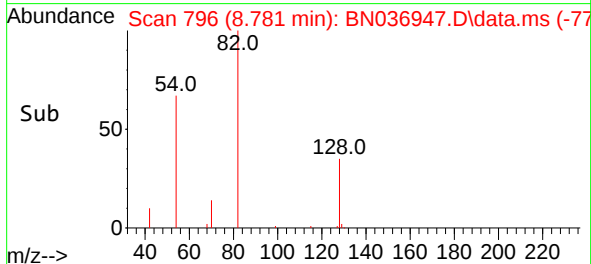
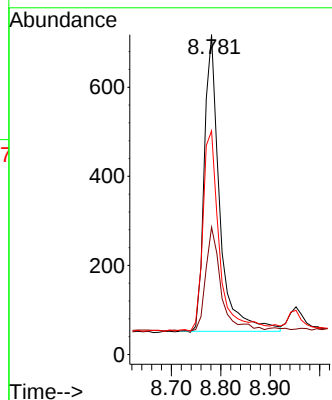
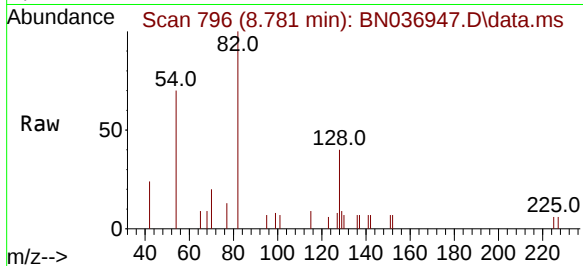




#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 8.781 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BN036947.D
 Acq: 30 Apr 2025 15:16

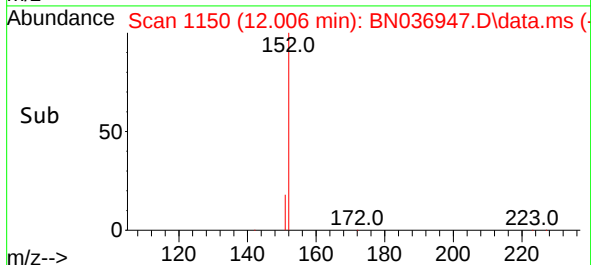
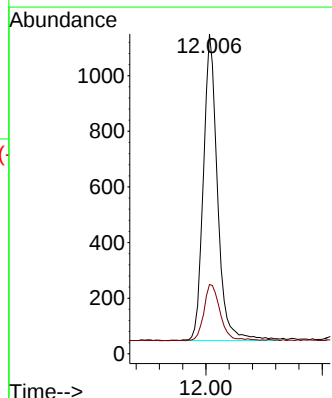
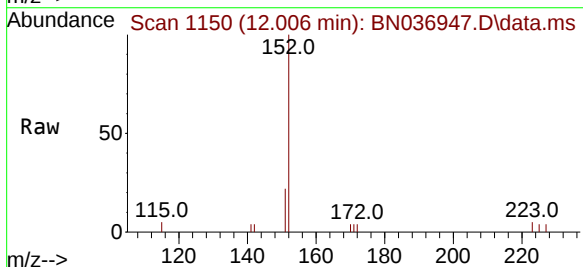
Instrument :
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 ClientSampleId :
 RW5-SP100-20250423

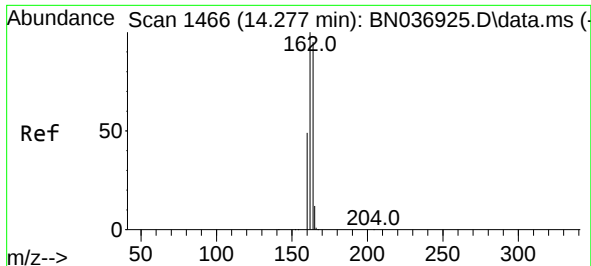
Tgt Ion: 82 Resp: 1440
 Ion Ratio Lower Upper
 82 100
 128 39.8 30.7 46.1
 54 69.9 52.1 78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.305 ng
 RT: 12.006 min Scan# 1150
 Delta R.T. -0.000 min
 Lab File: BN036947.D
 Acq: 30 Apr 2025 15:16

Tgt Ion: 152 Resp: 1858
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.9 25.3

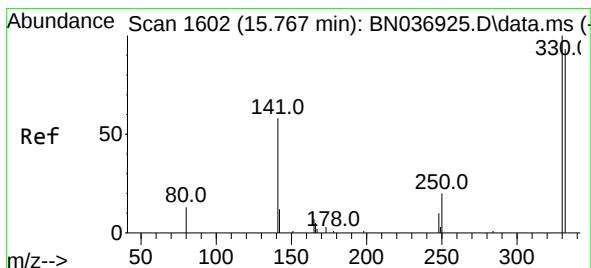
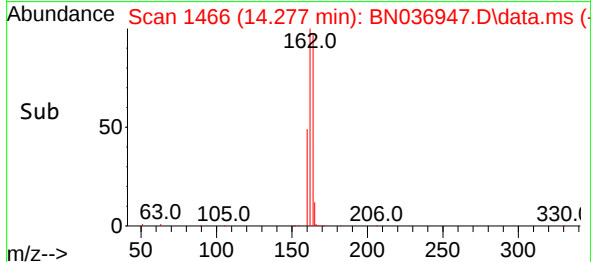
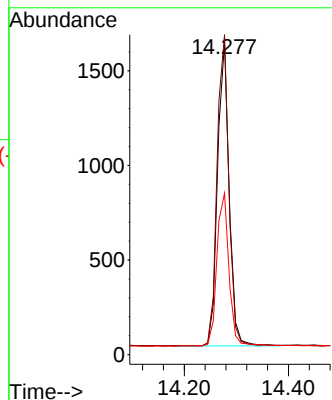
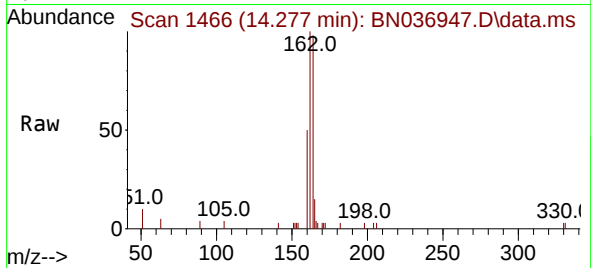




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN036947.D
Acq: 30 Apr 2025 15:16

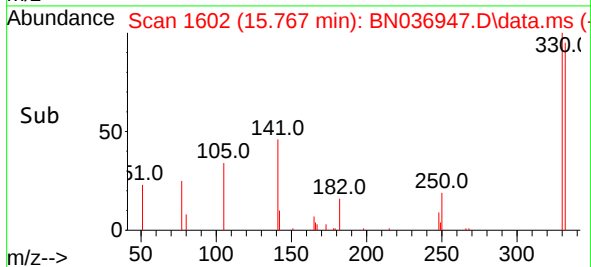
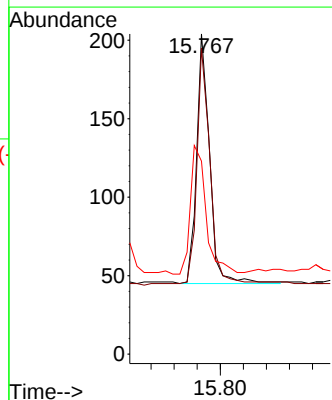
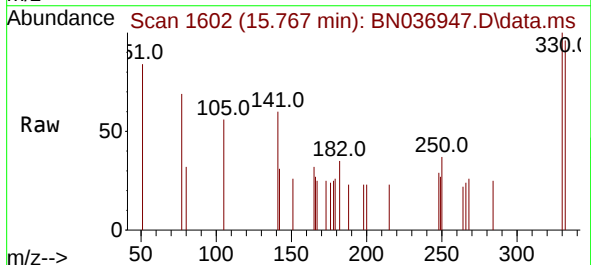
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423

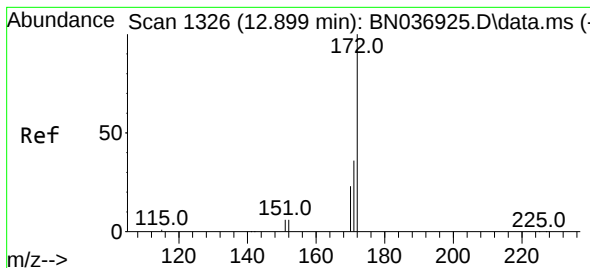
Tgt Ion:164 Resp: 2481
Ion Ratio Lower Upper
164 100
162 102.4 83.8 125.8
160 51.7 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036947.D
Acq: 30 Apr 2025 15:16

Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 94.0 76.3 114.5
141 62.7 45.4 68.2





#15

2-Fluorobiphenyl

Concen: 0.311 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN036947.D

Acq: 30 Apr 2025 15:16

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250423

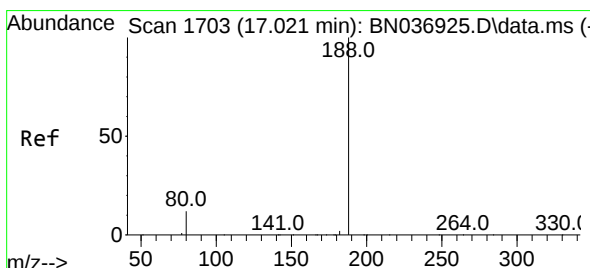
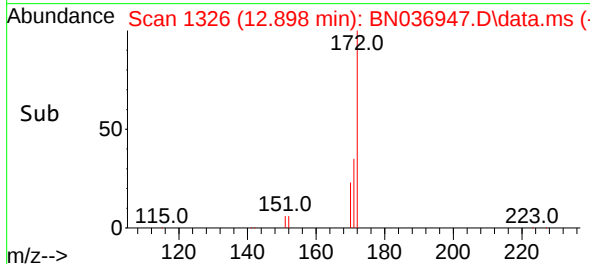
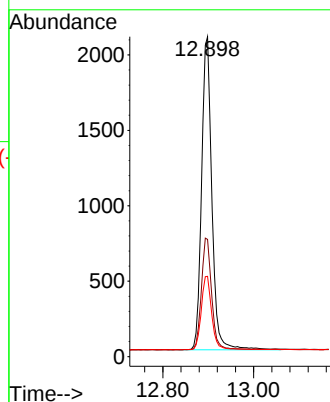
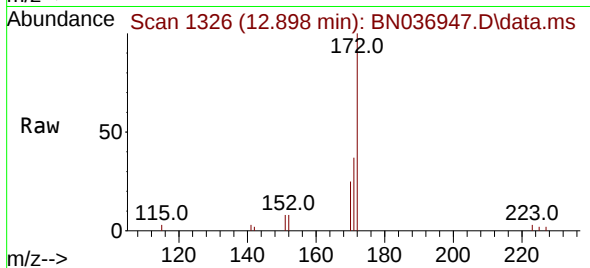
Tgt Ion:172 Resp: 3733

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

170 25.1 19.4 29.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BN036947.D

Acq: 30 Apr 2025 15:16

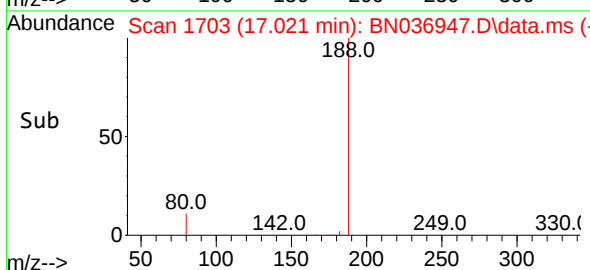
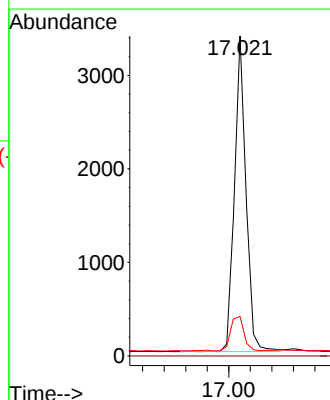
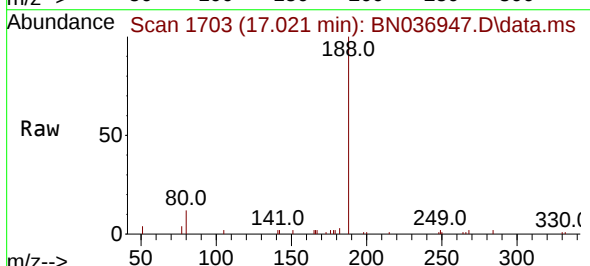
Tgt Ion:188 Resp: 5000

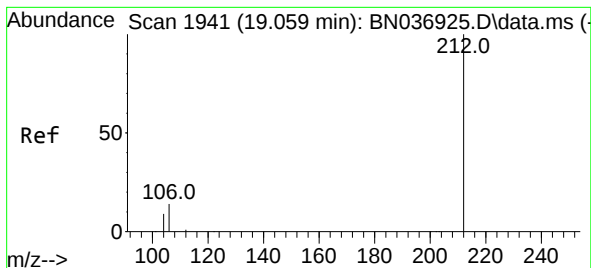
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 10.7 16.1





#27

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.059 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BN036947.D

Acq: 30 Apr 2025 15:16

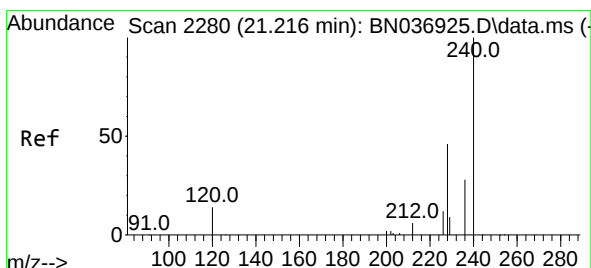
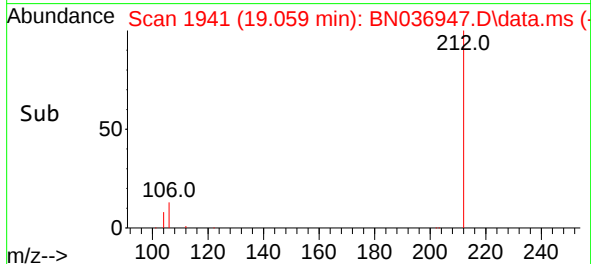
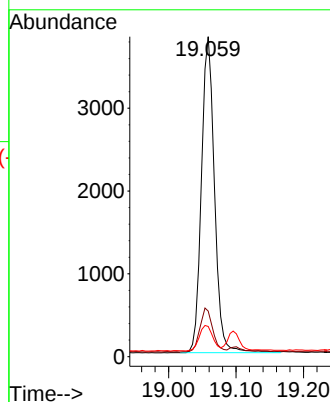
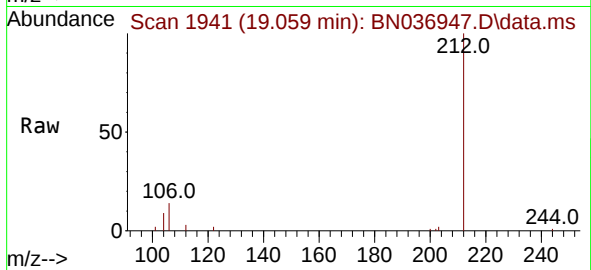
Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250423

Tgt Ion:212	Resp:	5142
Ion Ratio	Lower	Upper
212	100	
106	13.6	11.6 17.4
104	8.4	7.0 10.4



#29

Chrysene-d12

Concen: 0.400 ng

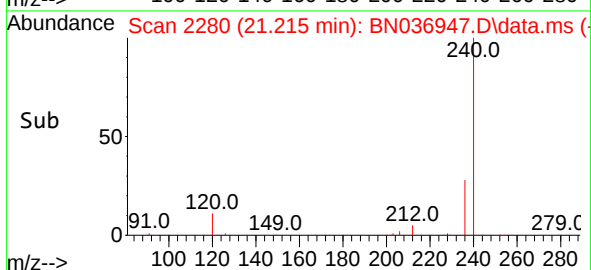
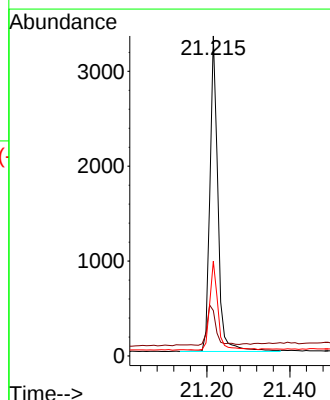
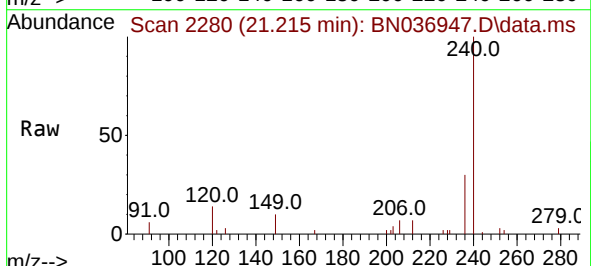
RT: 21.215 min Scan# 2280

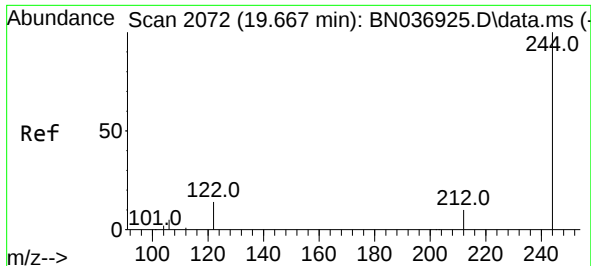
Delta R.T. -0.000 min

Lab File: BN036947.D

Acq: 30 Apr 2025 15:16

Tgt Ion:240	Resp:	4495
Ion Ratio	Lower	Upper
240	100	
120	14.2	14.1 21.1
236	29.6	23.8 35.8

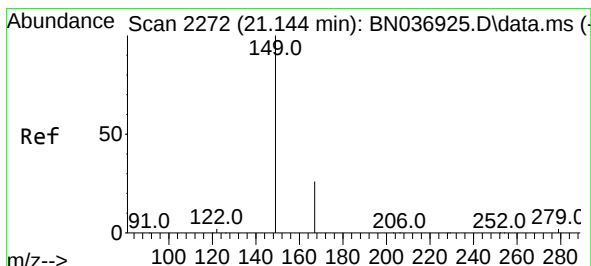
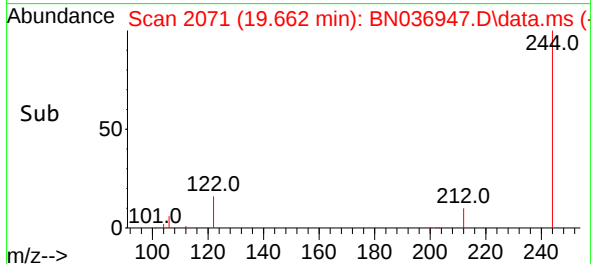
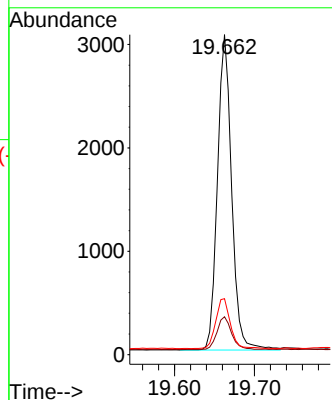
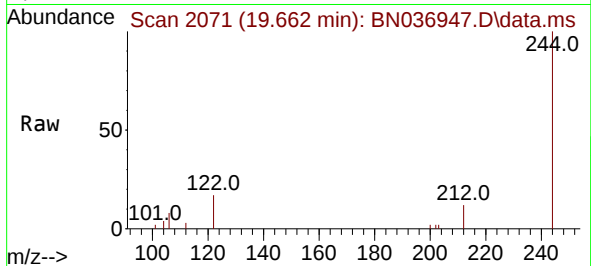




#31
 Terphenyl-d14
 Concen: 0.355 ng
 RT: 19.662 min Scan# 2072
 Delta R.T. -0.005 min
 Lab File: BN036947.D
 Acq: 30 Apr 2025 15:16

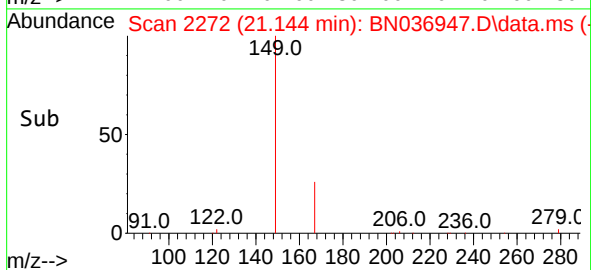
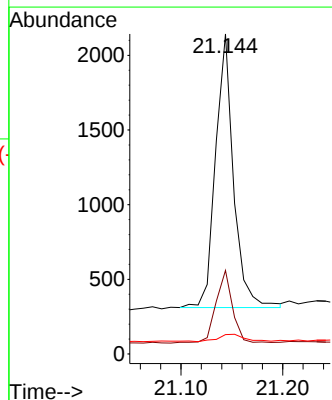
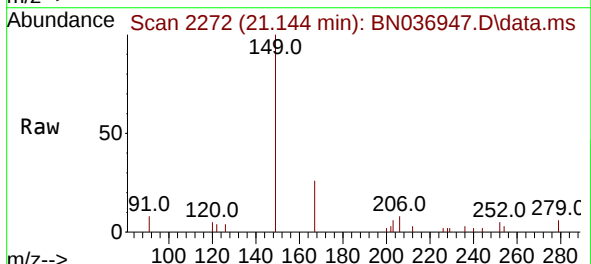
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250423

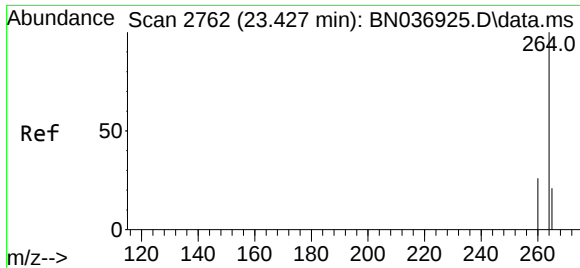
Tgt Ion:244 Resp: 3766
 Ion Ratio Lower Upper
 244 100
 212 11.9 9.6 14.4
 122 17.5 12.7 19.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.239 ng
 RT: 21.144 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BN036947.D
 Acq: 30 Apr 2025 15:16

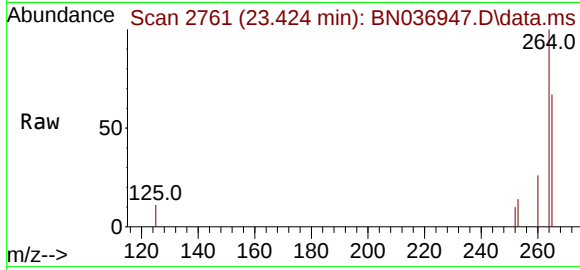
Tgt Ion:149 Resp: 2248
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.0 31.6
 279 3.3 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.424 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN036947.D
 Acq: 30 Apr 2025 15:16

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250423



Tgt Ion:264 Resp: 4168

Ion	Ratio	Lower	Upper
264	100		
260	26.4	22.2	33.2
265	67.1	65.8	98.6

