

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034168.D
 Acq On : 23 Sep 2024 16:07
 Operator : JU/RC
 Sample : P4111-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240918DL

Quant Time: Sep 23 16:43:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

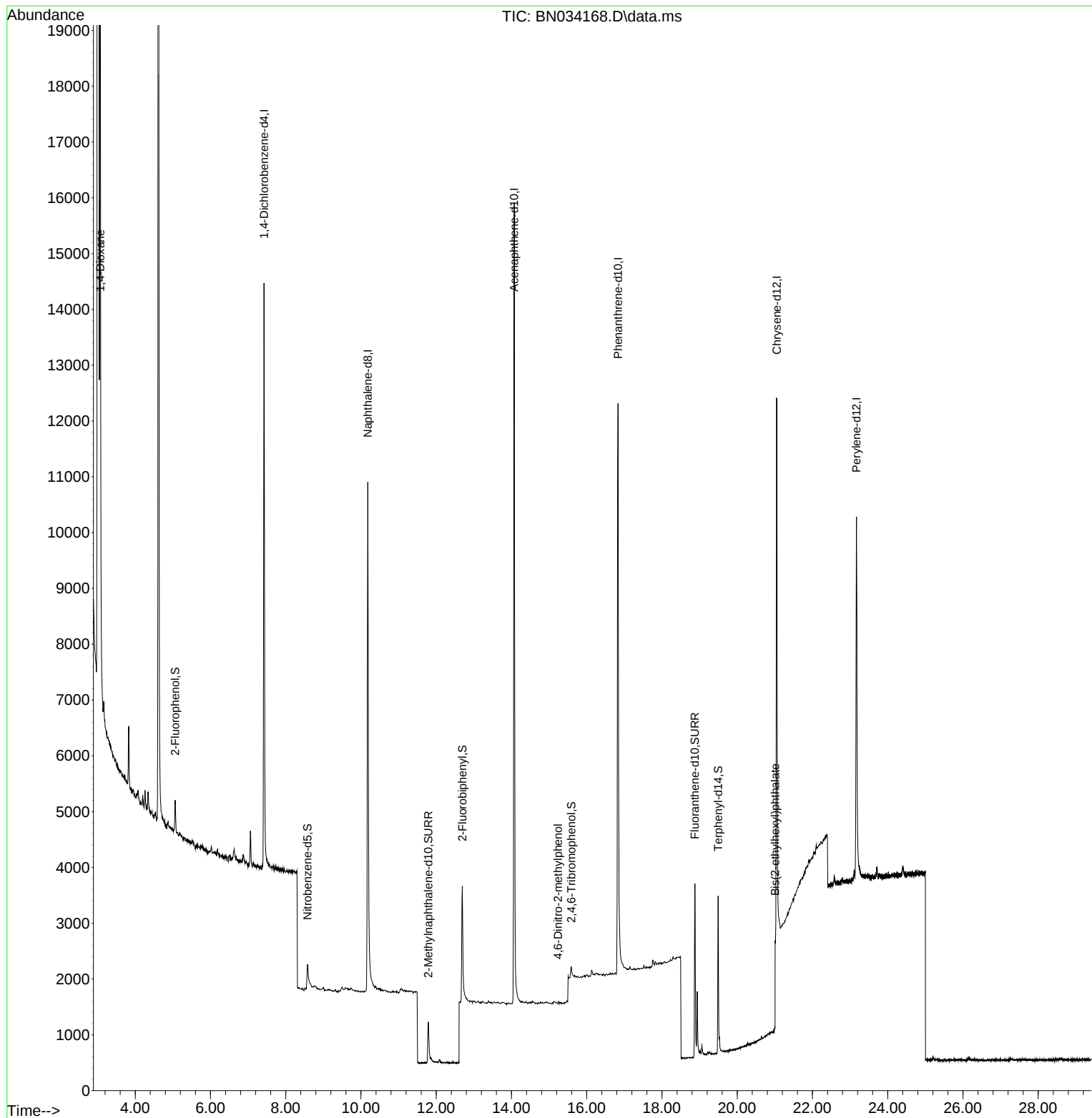
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5205	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14275	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8745	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17906	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11476	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	9028	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	462	0.031	ng	-0.01
5) Phenol-d6	6.629	99	244	0.014	ng	0.00
8) Nitrobenzene-d5	8.579	82	625	0.057	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	1483	0.070	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	185	0.047	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	2766	0.078	ng	0.00
27) Fluoranthene-d10	18.876	212	3976	0.088	ng	-0.01
31) Terphenyl-d14	19.494	244	2887	0.126	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	10098	1.552	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.238	198	3	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	731	0.048	ng	# 81

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034168.D
Acq On : 23 Sep 2024 16:07
Operator : JU/RC
Sample : P4111-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918DL

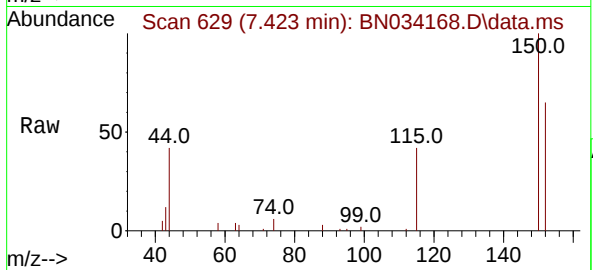
Quant Time: Sep 23 16:43:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



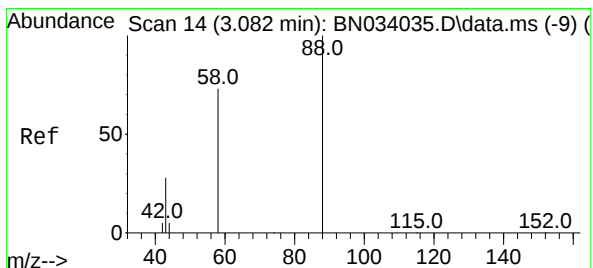
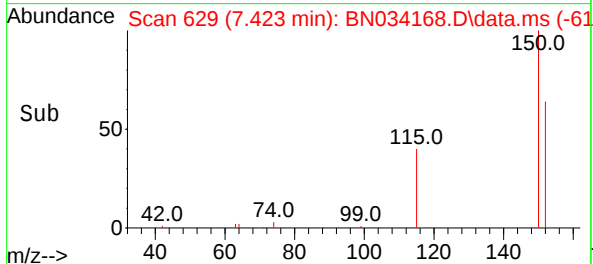
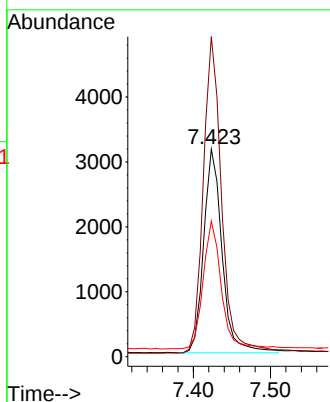


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918DL

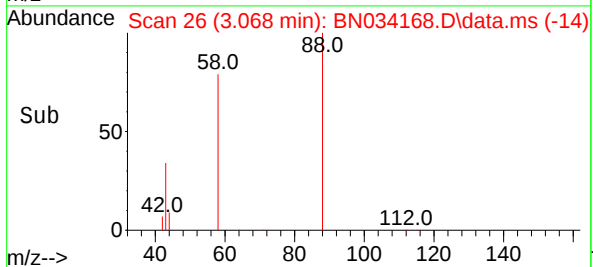
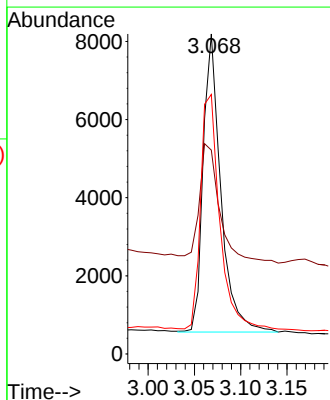
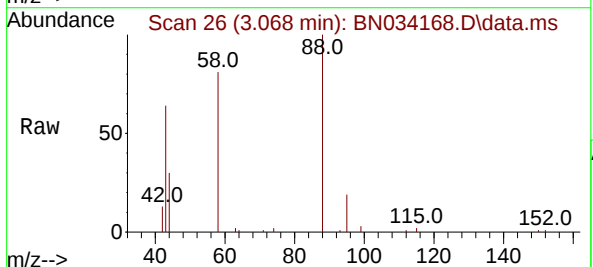


Tgt Ion:152 Resp: 5205
Ion Ratio Lower Upper
152 100
150 154.3 124.6 187.0
115 65.3 50.0 75.0



#2
1,4-Dioxane
Concen: 1.552 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

Tgt Ion: 88 Resp: 10098
Ion Ratio Lower Upper
88 100
43 46.4 25.8 38.8#
58 85.4 58.8 88.2





#4

2-Fluorophenol

Concen: 0.031 ng

RT: 5.062 min Scan# 302

Delta R.T. -0.013 min

Lab File: BN034168.D

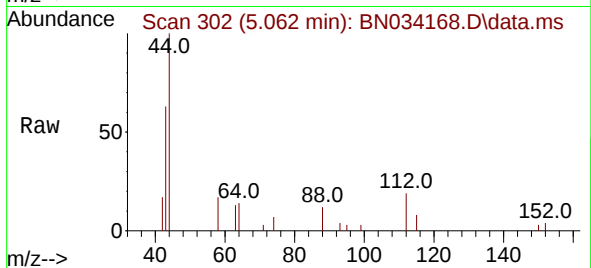
Acq: 23 Sep 2024 16:07

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240918DL



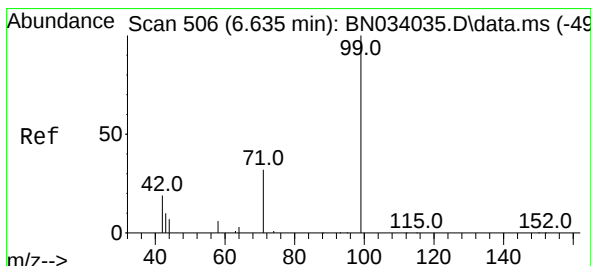
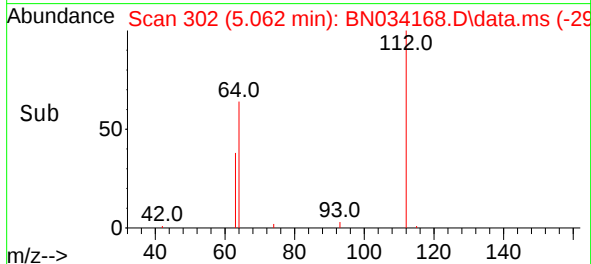
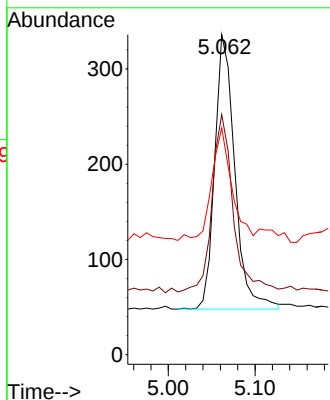
Tgt Ion:112 Resp: 462

Ion Ratio Lower Upper

112 100

64 68.0 48.6 72.8

63 40.9 25.6 38.4#



#5

Phenol-d6

Concen: 0.014 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034168.D

Acq: 23 Sep 2024 16:07

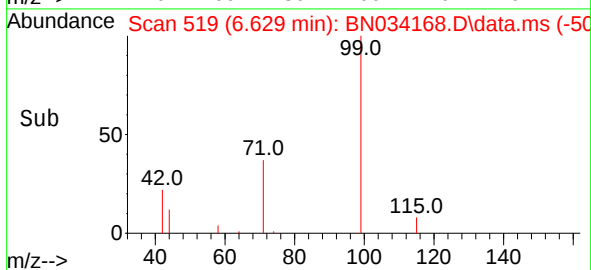
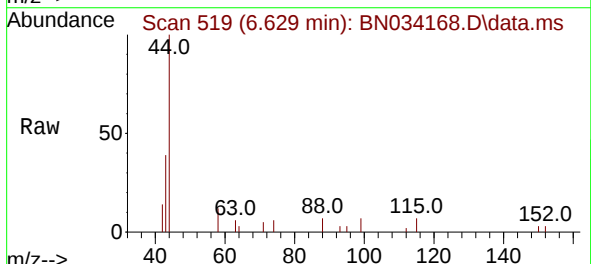
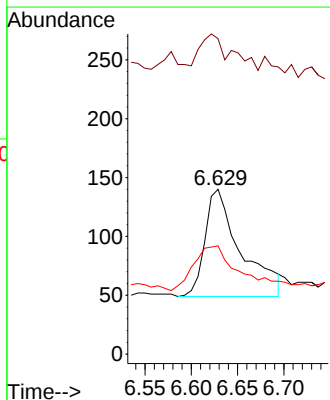
Tgt Ion: 99 Resp: 244

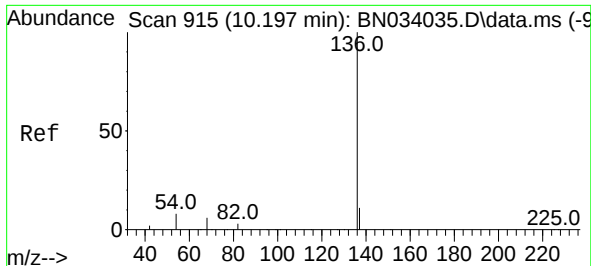
Ion Ratio Lower Upper

99 100

42 28.7 17.8 26.8#

71 51.2 26.2 39.2#

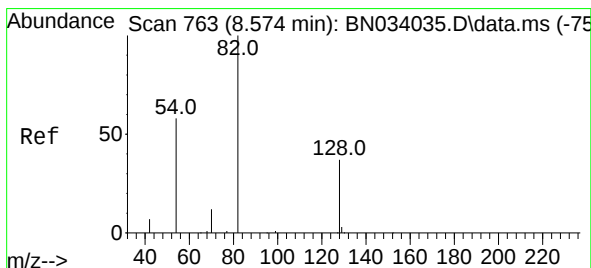
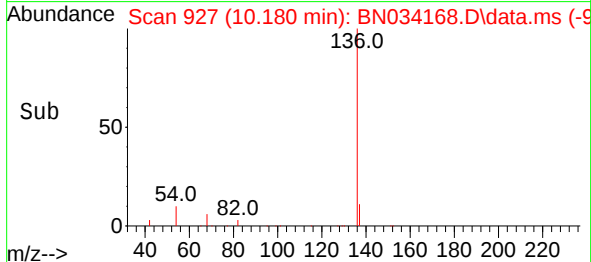
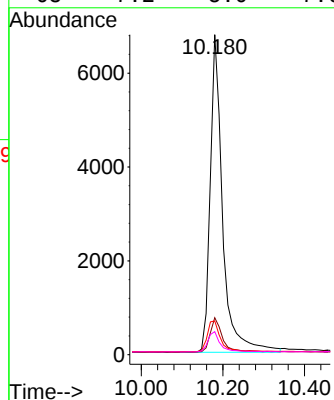
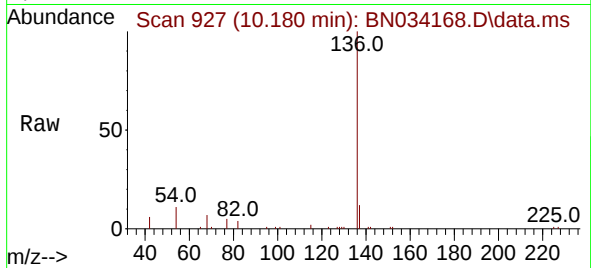




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

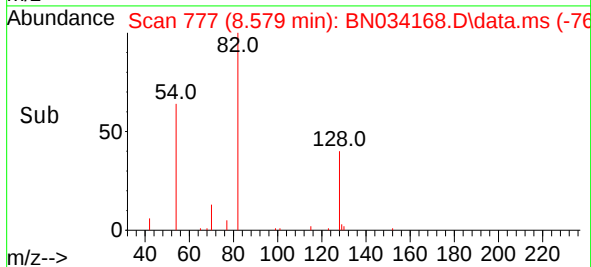
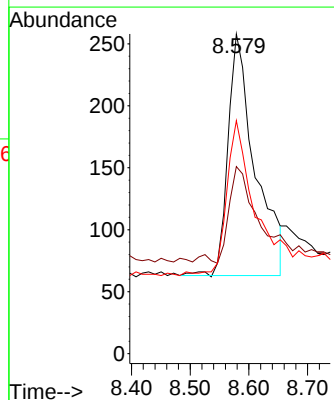
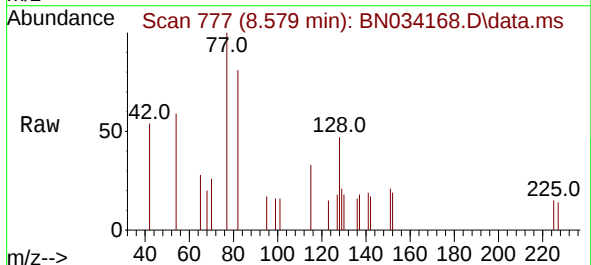
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918DL

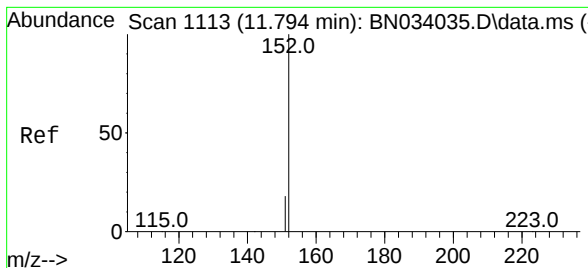
Tgt Ion:	136	Resp:	14275
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	10.5	6.8	10.2#
68	7.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.057 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

Tgt Ion:	82	Resp:	625
Ion Ratio	Lower	Upper	
82	100		
128	58.5	31.4	47.2#
54	72.9	47.4	71.0#

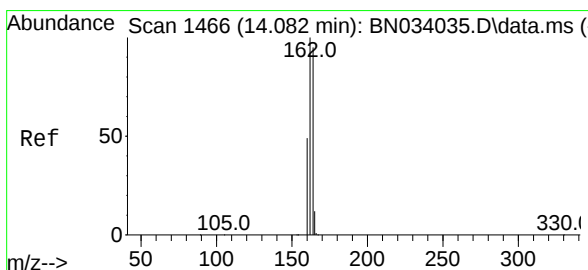
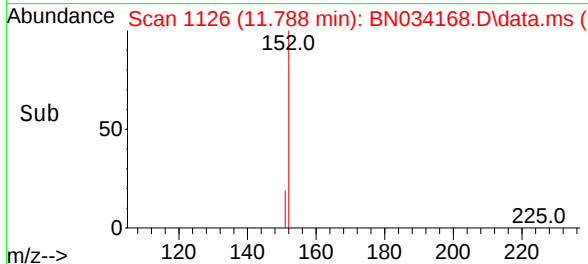
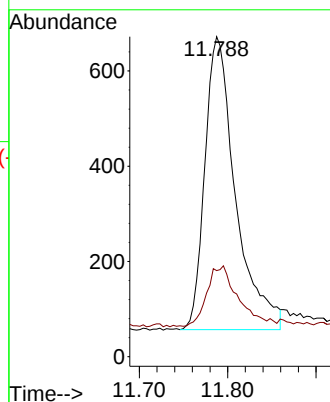
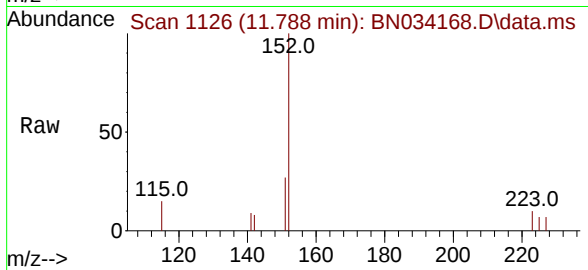




#11
2-Methylnaphthalene-d10
Concen: 0.070 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

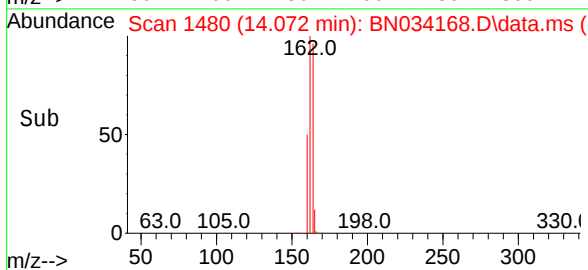
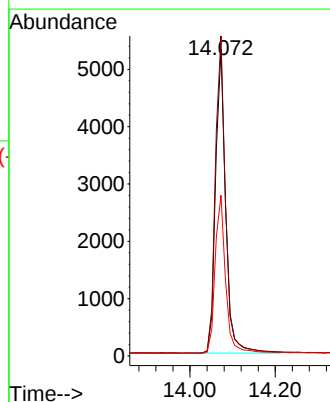
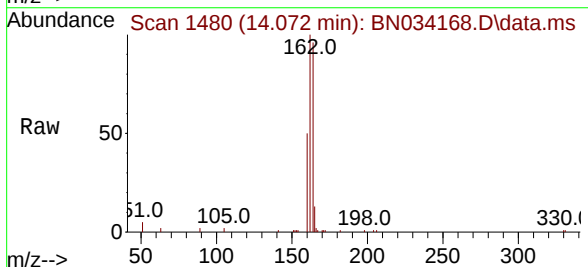
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918DL

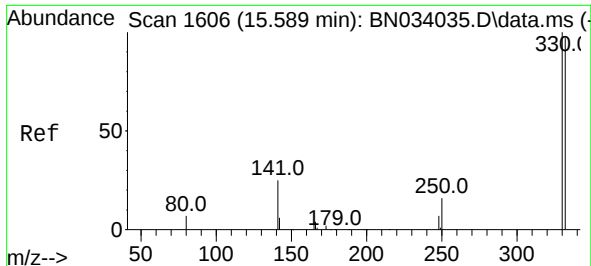
Tgt Ion:152 Resp: 1483
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

Tgt Ion:164 Resp: 8745
Ion Ratio Lower Upper
164 100
162 104.3 84.2 126.2
160 52.4 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.047 ng

RT: 15.592 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034168.D

Acq: 23 Sep 2024 16:07

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240918DL

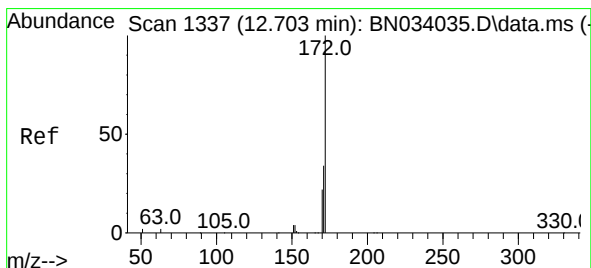
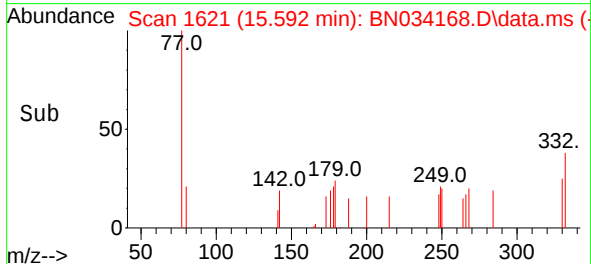
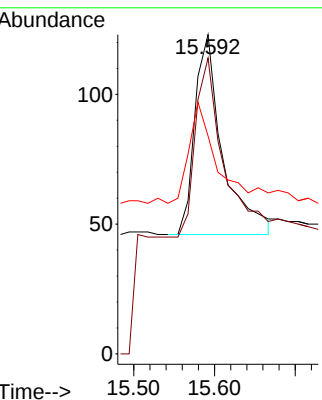
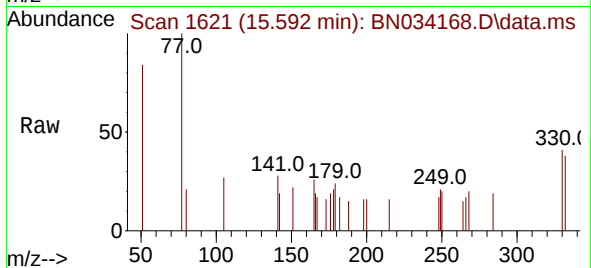
Tgt Ion:330 Resp: 185

Ion Ratio Lower Upper

330 100

332 92.4 77.4 116.0

141 53.0 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.078 ng

RT: 12.693 min Scan# 1351

Delta R.T. -0.009 min

Lab File: BN034168.D

Acq: 23 Sep 2024 16:07

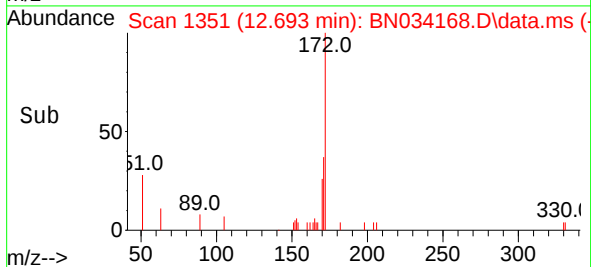
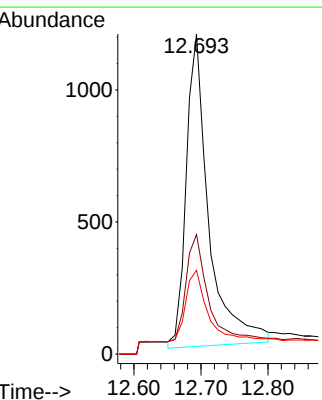
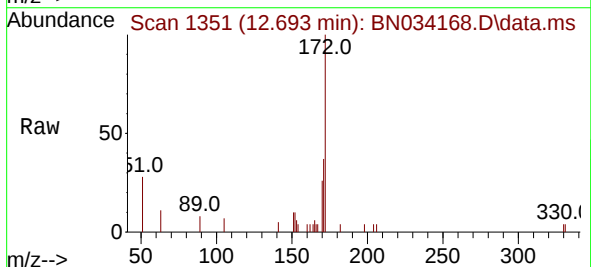
Tgt Ion:172 Resp: 2766

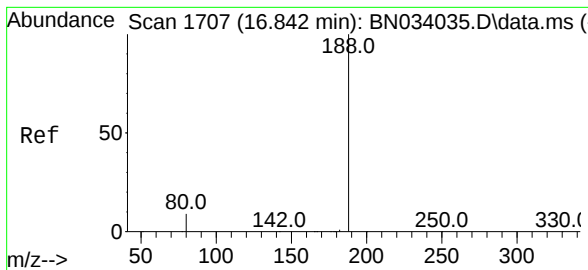
Ion Ratio Lower Upper

172 100

171 37.4 27.3 40.9

170 26.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034168.D

Acq: 23 Sep 2024 16:07

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240918DL

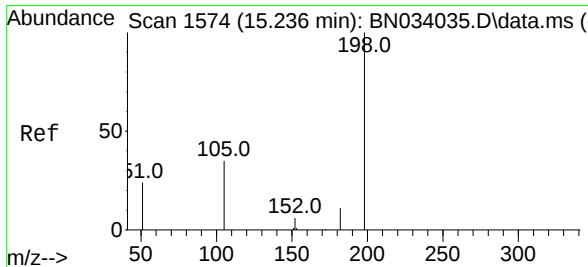
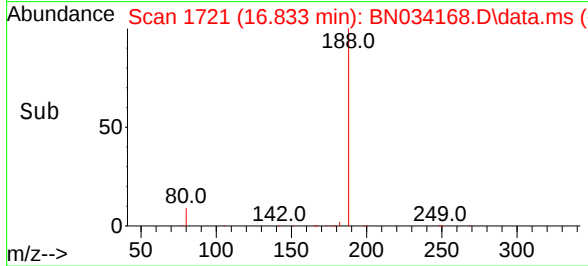
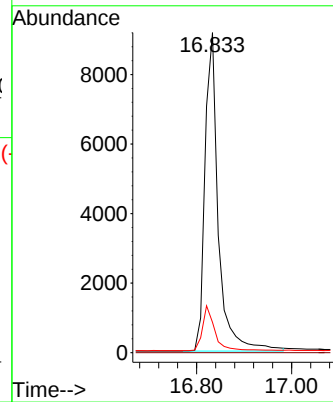
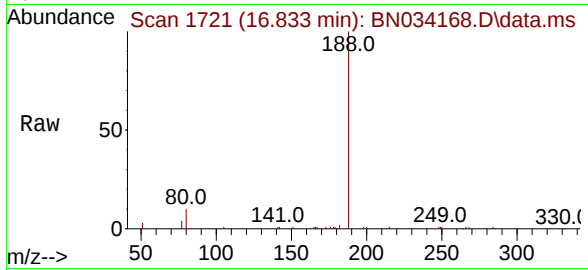
Tgt Ion:188 Resp: 17906

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 15.238 min Scan# 1589

Delta R.T. 0.002 min

Lab File: BN034168.D

Acq: 23 Sep 2024 16:07

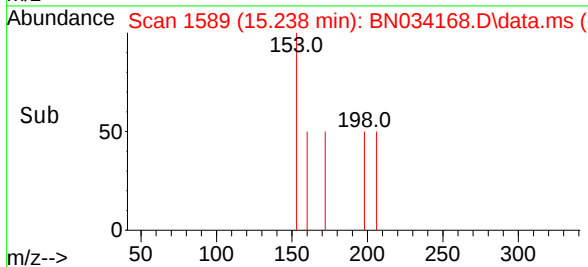
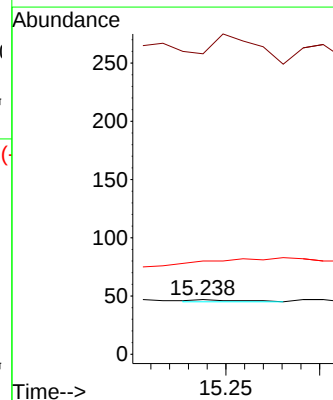
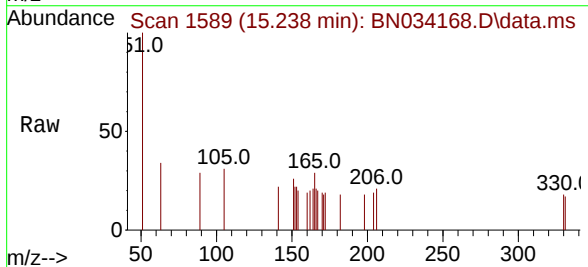
Tgt Ion:198 Resp: 3

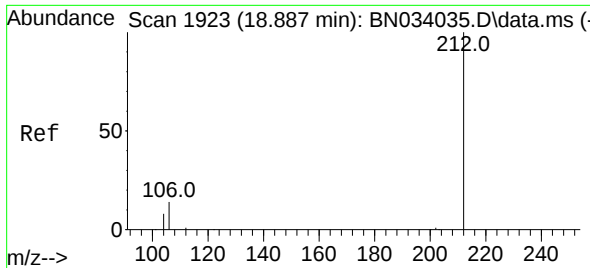
Ion Ratio Lower Upper

198 100

51 548.9 106.4 159.6#

105 170.2 38.5 57.7#

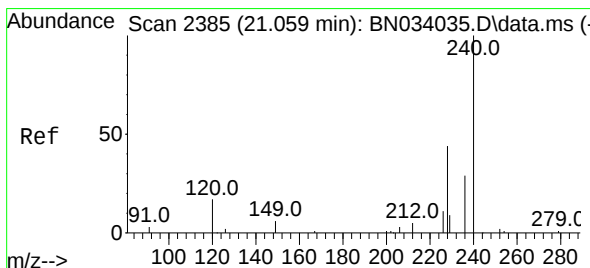
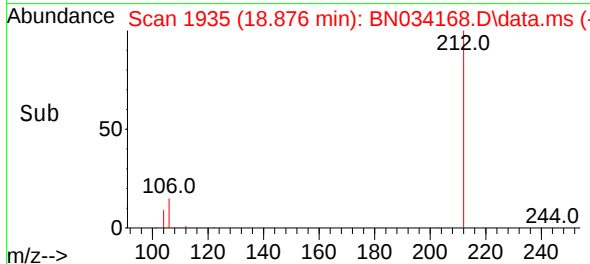
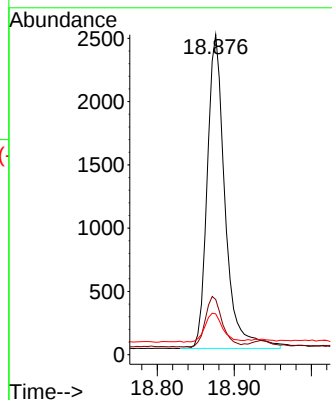
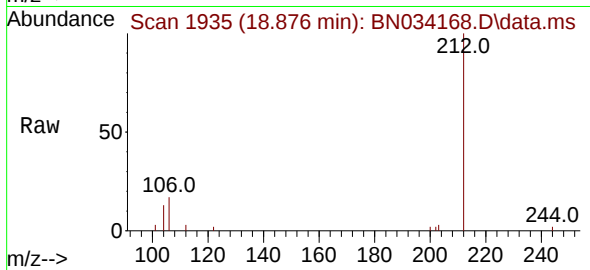




#27
Fluoranthene-d10
Concen: 0.088 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

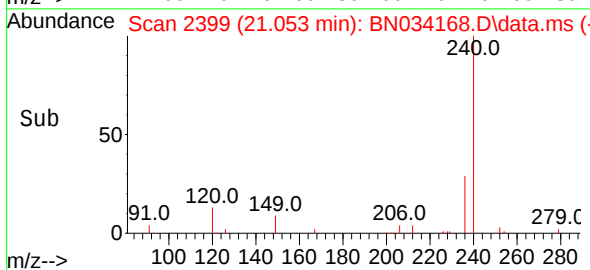
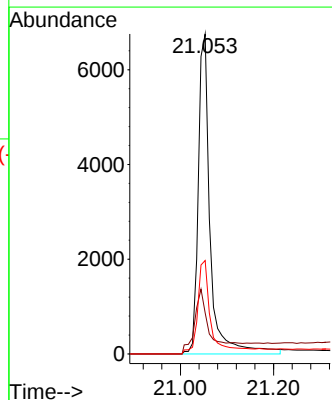
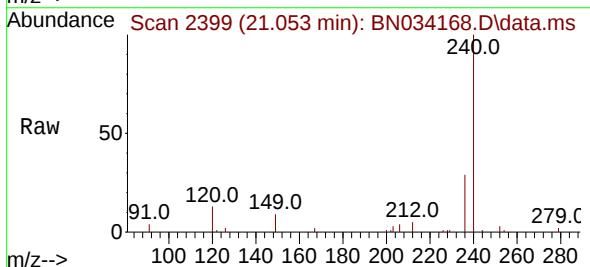
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918DL

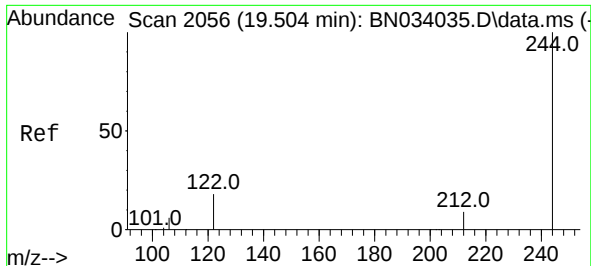
Tgt Ion:212 Resp: 3976
Ion Ratio Lower Upper
212 100
106 15.2 13.4 20.2
104 9.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

Tgt Ion:240 Resp: 11476
Ion Ratio Lower Upper
240 100
120 12.8 13.5 20.3#
236 29.2 23.4 35.0

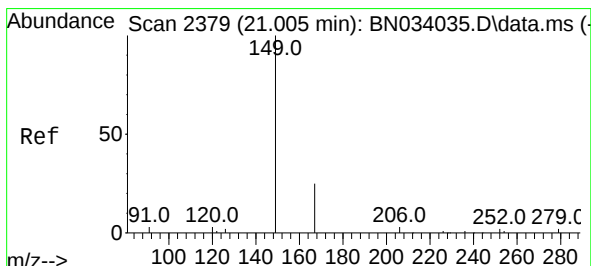
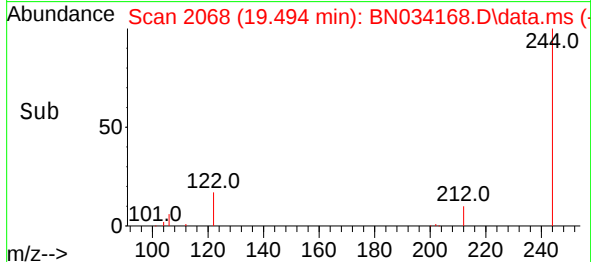
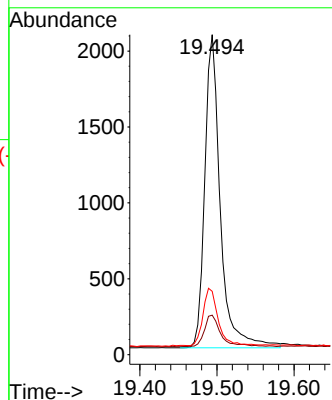
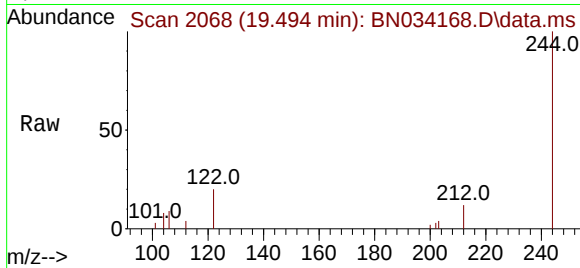




#31
Terphenyl-d14
Concen: 0.126 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

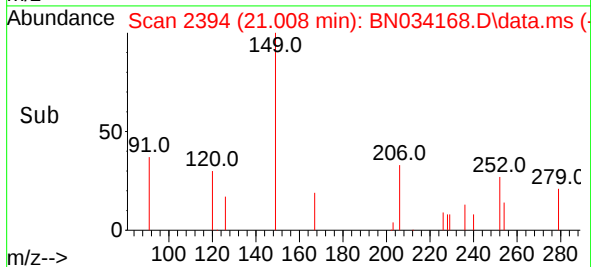
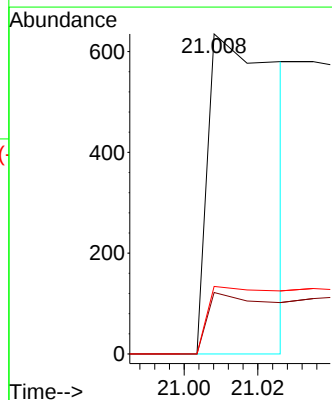
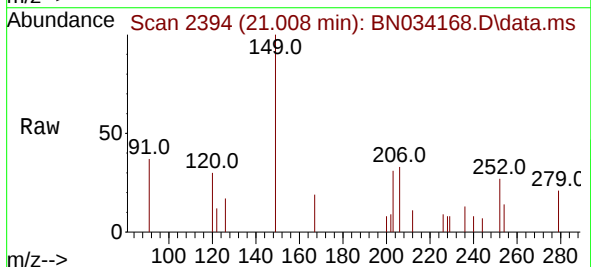
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918DL

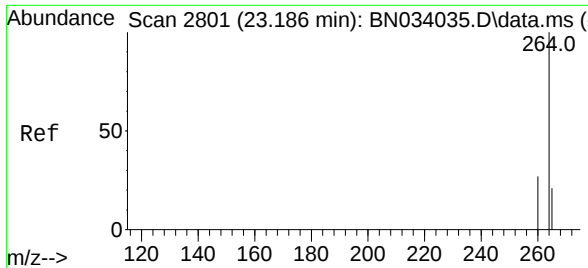
Tgt Ion:244 Resp: 2887
Ion Ratio Lower Upper
244 100
212 12.4 7.8 11.6#
122 19.8 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

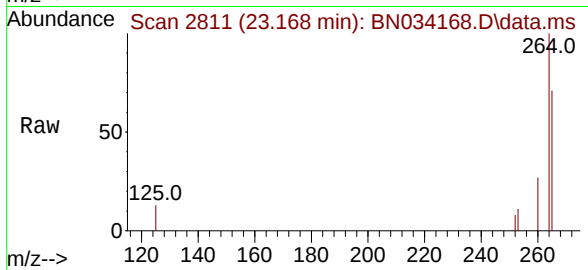
Tgt Ion:149 Resp: 731
Ion Ratio Lower Upper
149 100
167 18.3 19.9 29.9#
279 21.5 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034168.D
Acq: 23 Sep 2024 16:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918DL



Tgt Ion:264 Resp: 9028
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 71.1 52.1 78.1

