

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030026.D
 Acq On : 25 Feb 2024 12:30
 Operator : MA/JU
 Sample : P1533-06
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20240217

Quant Time: Feb 26 02:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

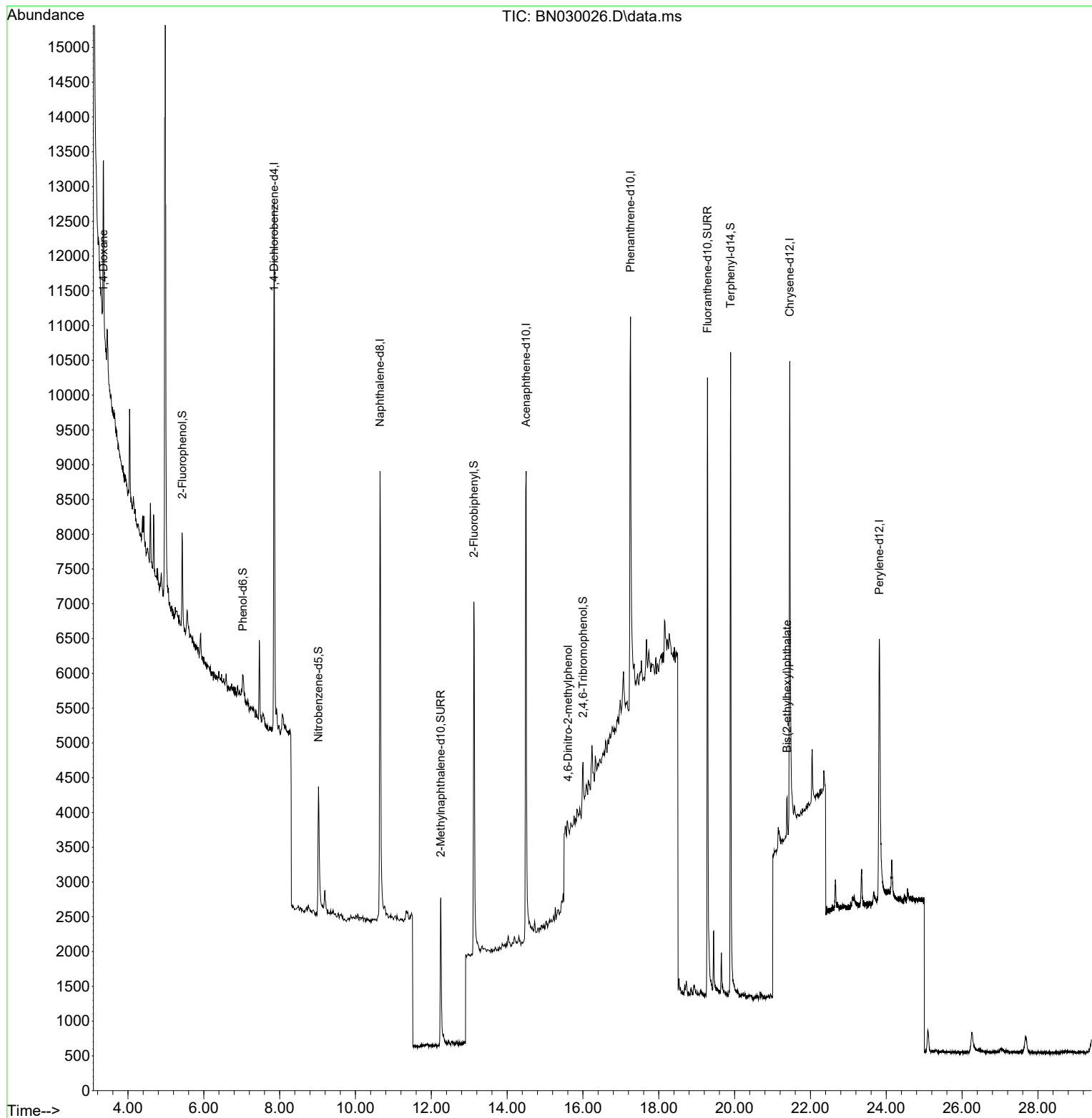
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4033	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10499	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5032	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	11588	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	8945	0.400	ng	# 0.00
35) Perylene-d12	23.818	264	7896	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1124	0.116	ng	0.00
5) Phenol-d6	7.031	99	627	0.056	ng	0.00
8) Nitrobenzene-d5	9.025	82	2447	0.280	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	3855	0.270	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	525	0.325	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	5828	0.270	ng	0.00
27) Fluoranthene-d10	19.285	212	11372	0.405	ng	0.00
31) Terphenyl-d14	19.893	244	10727	0.483	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	1689	0.297	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.604	198	41	0.024	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.384	149	765	0.037	ng	92

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

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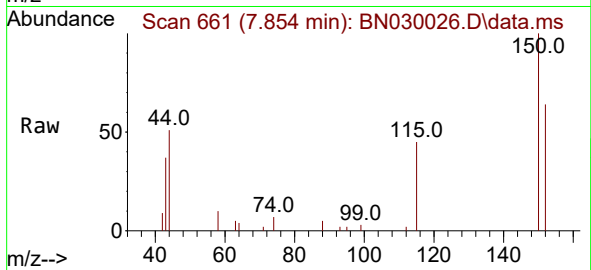
Quant Time: Feb 26 02:50:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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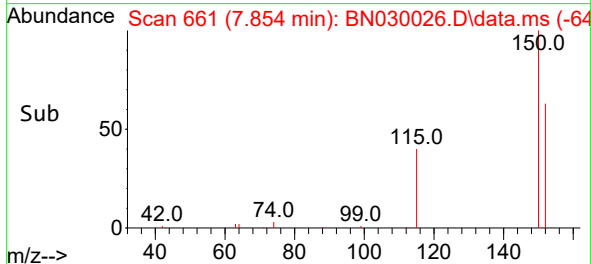
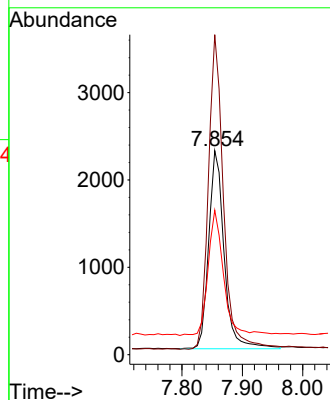
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030026.D
 Acq: 25 Feb 2024 12:30

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20240217



Tgt Ion:152 Resp: 4033

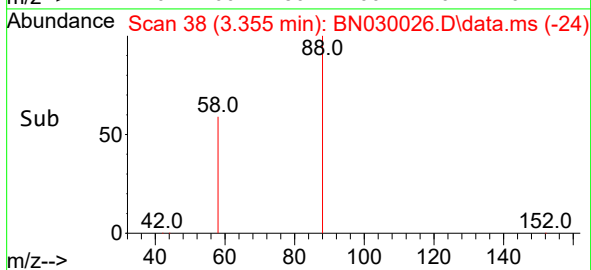
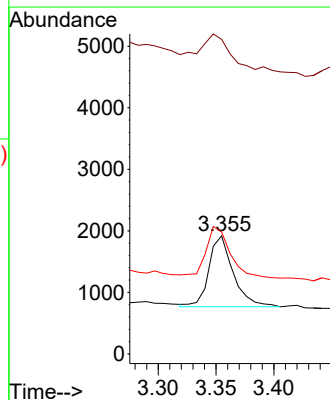
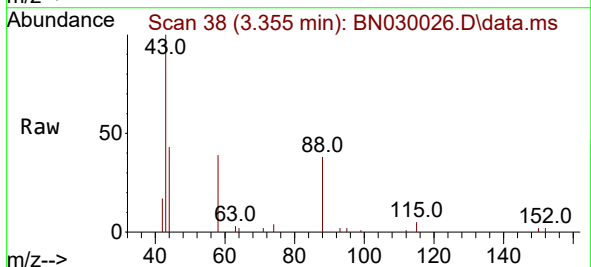
Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.0	184.4
115	70.8	51.4	77.0



#2
 1,4-Dioxane
 Concen: 0.297 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN030026.D
 Acq: 25 Feb 2024 12:30

Tgt Ion: 88 Resp: 1689

Ion	Ratio	Lower	Upper
88	100		
43	60.6	23.3	34.9
58	72.8	53.8	80.6





#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.435 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN030026.D

Acq: 25 Feb 2024 12:30

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D1-20240217

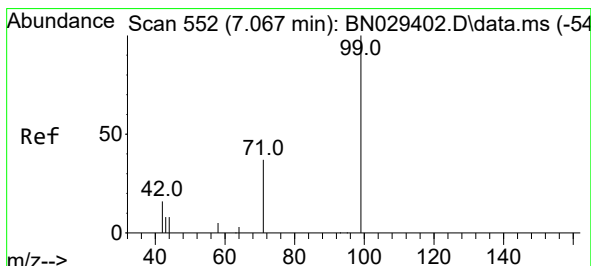
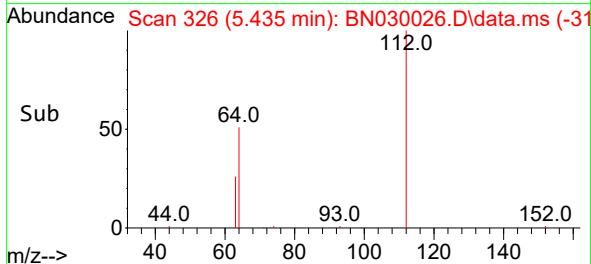
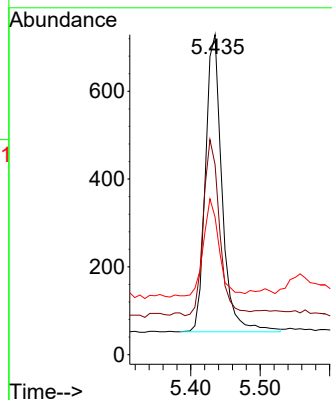
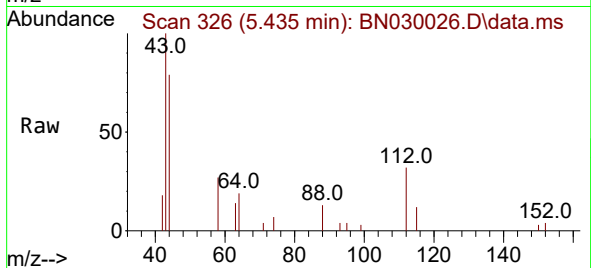
Tgt Ion:112 Resp: 1124

Ion Ratio Lower Upper

112 100

64 57.7 47.2 70.8

63 32.2 25.8 38.6



#5

Phenol-d6

Concen: 0.056 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.007 min

Lab File: BN030026.D

Acq: 25 Feb 2024 12:30

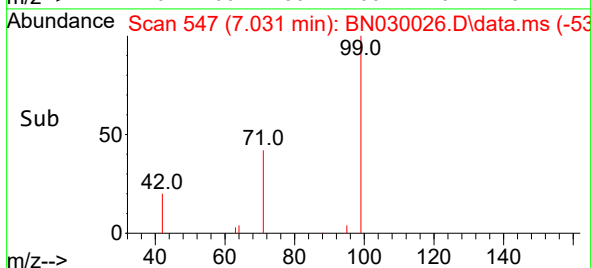
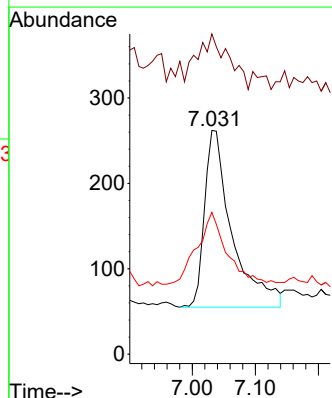
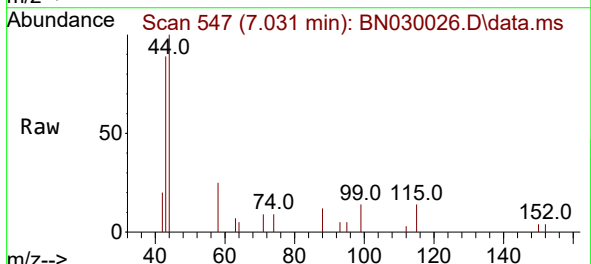
Tgt Ion: 99 Resp: 627

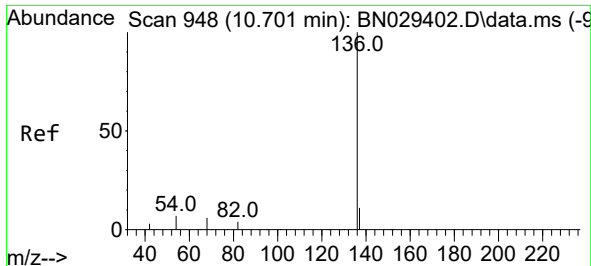
Ion Ratio Lower Upper

99 100

42 35.6 16.9 25.3#

71 45.3 30.0 45.0#

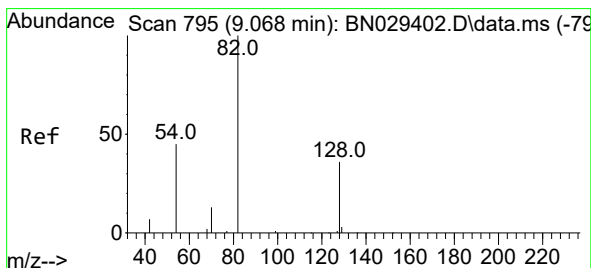
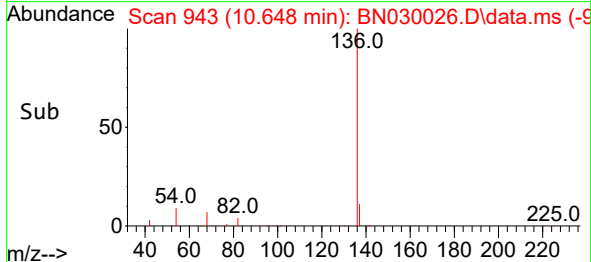
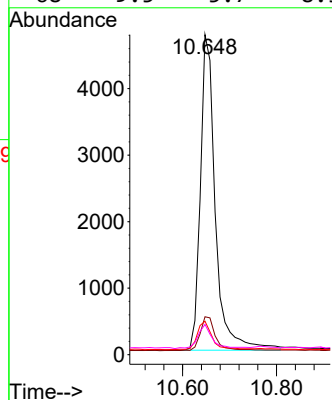
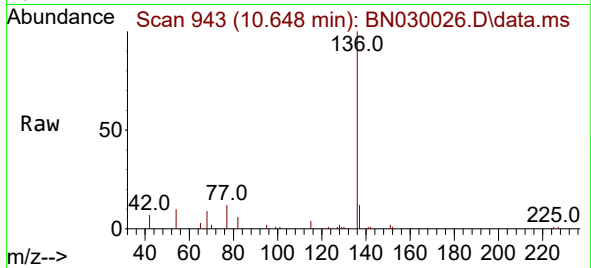




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030026.D
Acq: 25 Feb 2024 12:30

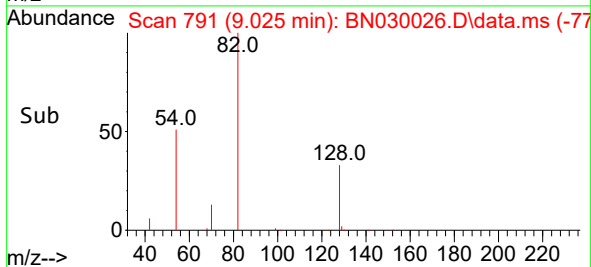
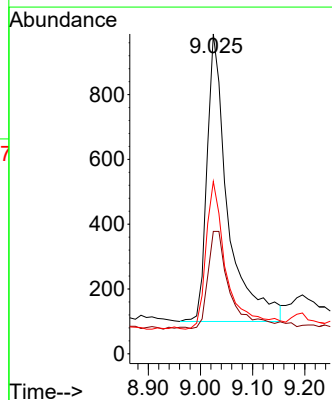
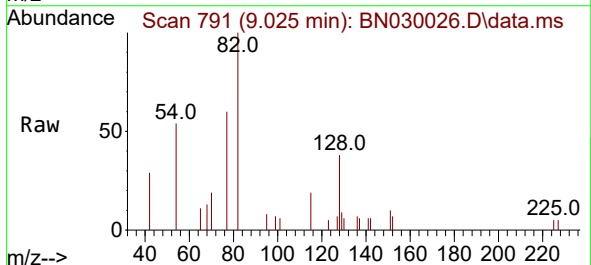
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20240217

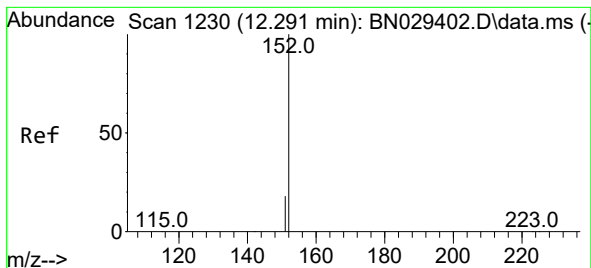
Tgt Ion:	136	Resp:	10499
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.7	14.5
54	10.5	6.6	10.0#
68	9.5	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030026.D
Acq: 25 Feb 2024 12:30

Tgt Ion:	82	Resp:	2447
Ion Ratio	Lower	Upper	
82	100		
128	38.3	31.6	47.4
54	53.9	38.2	57.4





#11

2-Methylnaphthalene-d10

Concen: 0.270 ng

RT: 12.246 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030026.D

Acq: 25 Feb 2024 12:30

Instrument :

BNA_N

ClientSampleId :

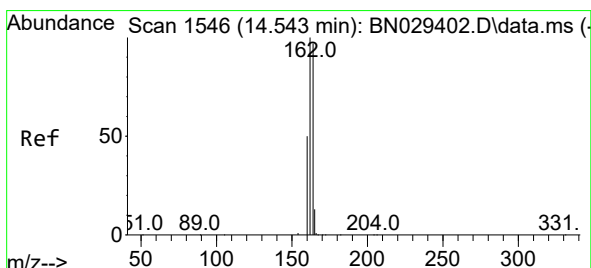
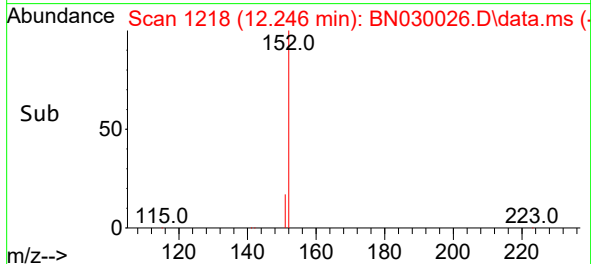
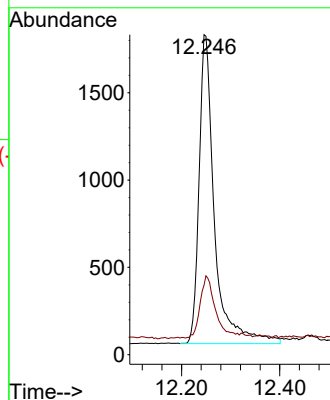
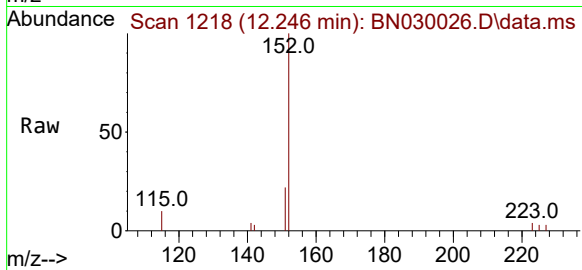
RW9-MW01D1-20240217

Tgt Ion:152 Resp: 3855

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1542

Delta R.T. 0.011 min

Lab File: BN030026.D

Acq: 25 Feb 2024 12:30

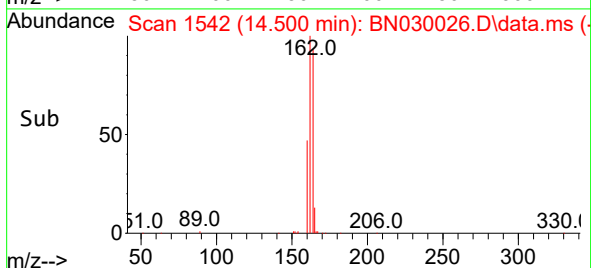
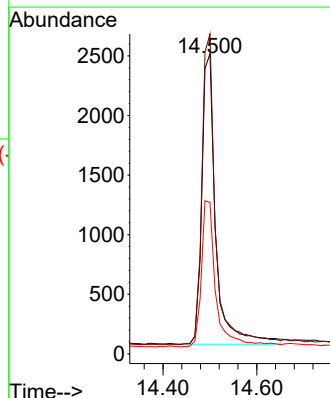
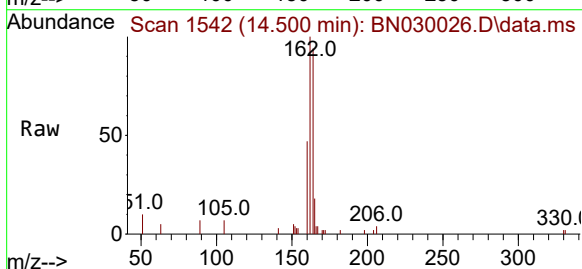
Tgt Ion:164 Resp: 5032

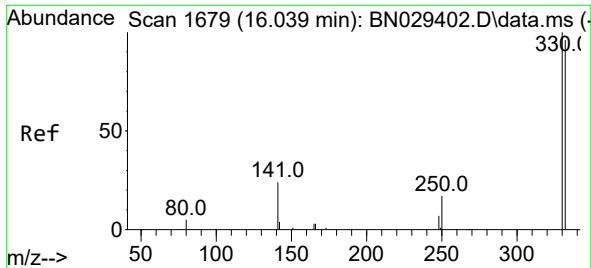
Ion Ratio Lower Upper

164 100

162 106.6 82.6 123.8

160 50.5 41.5 62.3

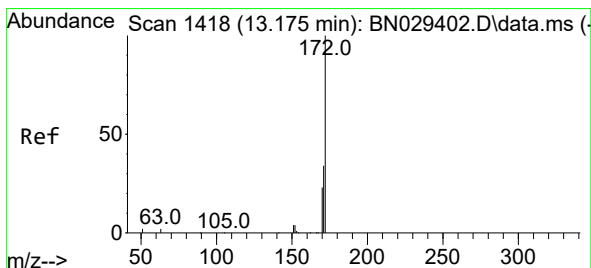
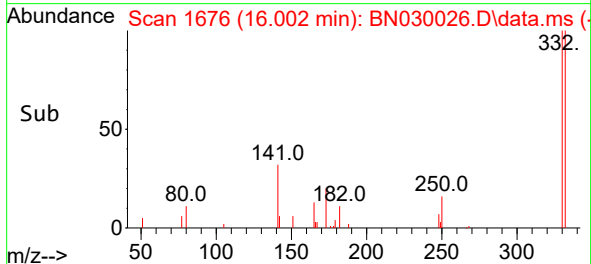
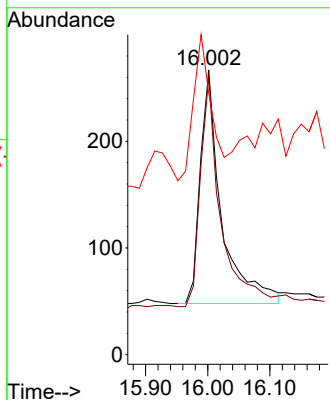
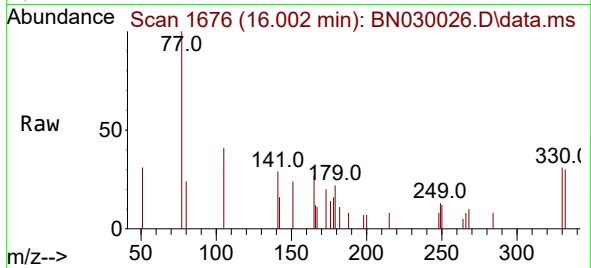




#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030026.D
Acq: 25 Feb 2024 12:30

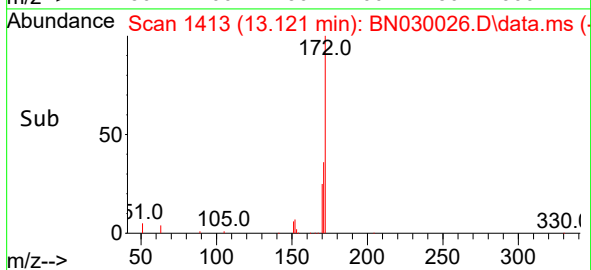
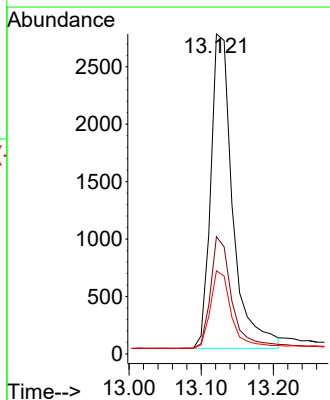
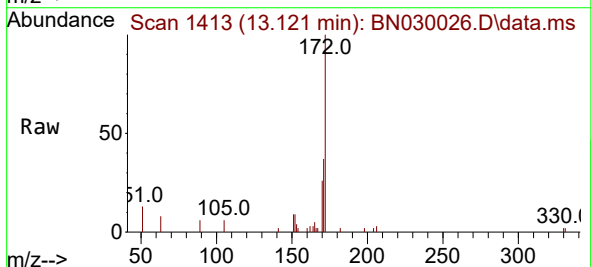
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20240217

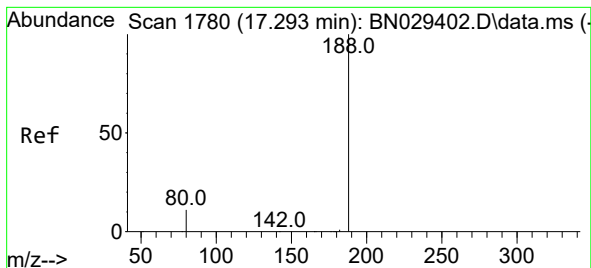
Tgt Ion:330 Resp: 525
Ion Ratio Lower Upper
330 100
332 93.5 76.0 114.0
141 52.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.121 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN030026.D
Acq: 25 Feb 2024 12:30

Tgt Ion:172 Resp: 5828
Ion Ratio Lower Upper
172 100
171 36.6 28.0 42.0
170 26.0 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030026.D

Acq: 25 Feb 2024 12:30

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D1-20240217

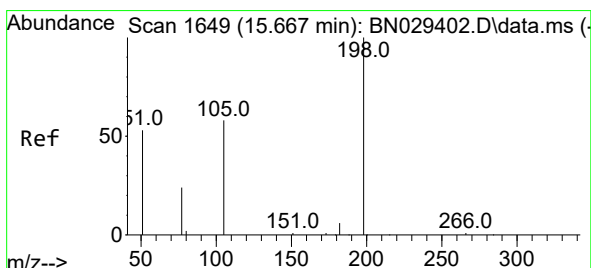
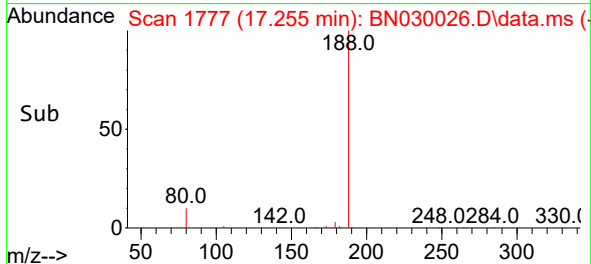
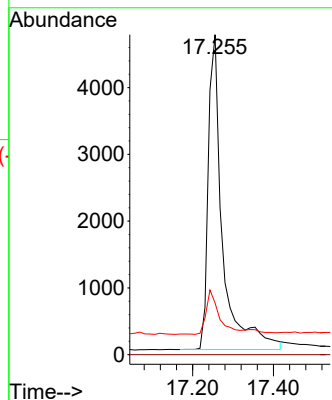
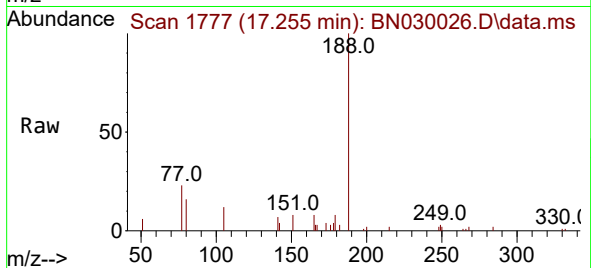
Tgt Ion:188 Resp: 11588

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.1 10.0 15.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.024 ng

RT: 15.604 min Scan# 1644

Delta R.T. -0.050 min

Lab File: BN030026.D

Acq: 25 Feb 2024 12:30

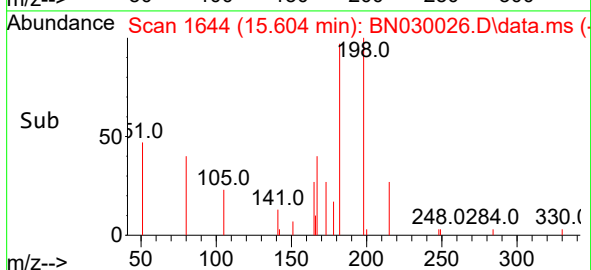
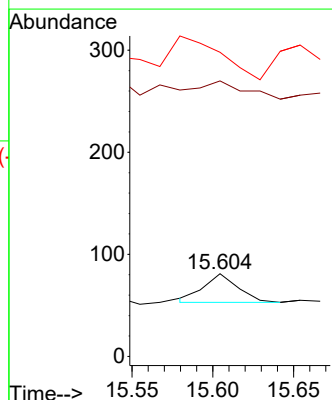
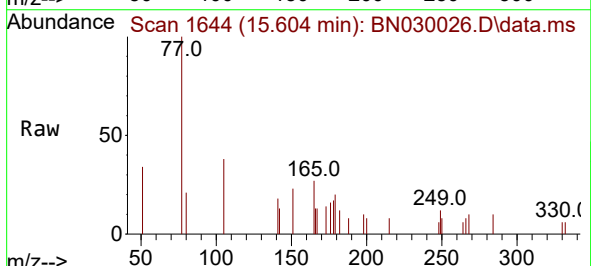
Tgt Ion:198 Resp: 41

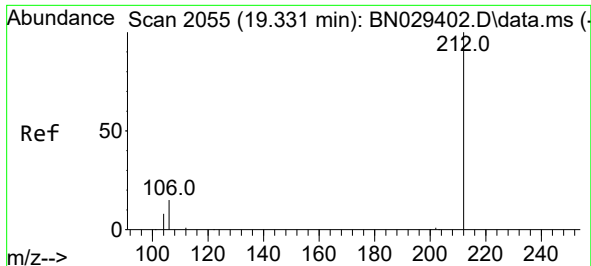
Ion Ratio Lower Upper

198 100

51 333.3 111.0 166.6#

105 367.9 67.0 100.6#

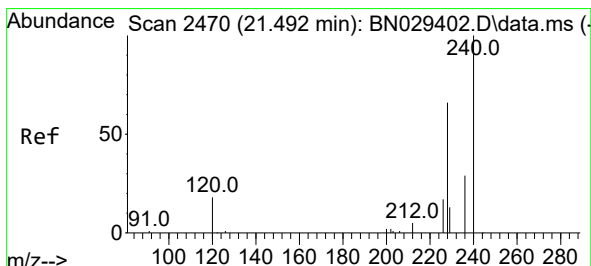
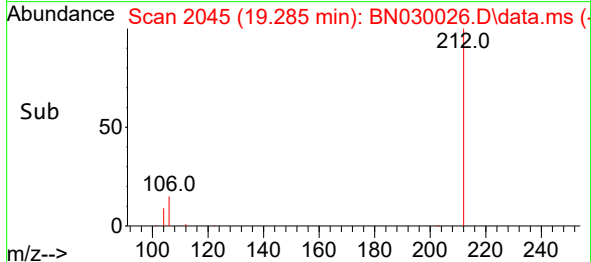
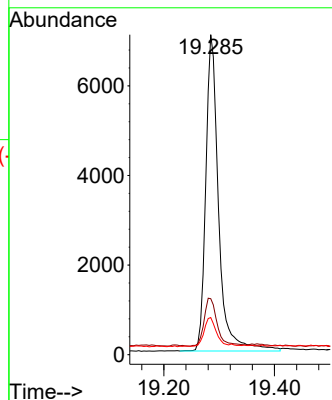
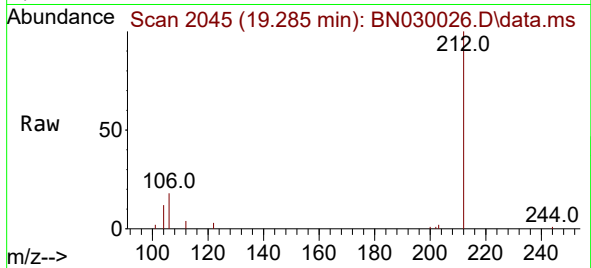




#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.285 min Scan# 2045
Delta R.T. -0.005 min
Lab File: BN030026.D
Acq: 25 Feb 2024 12:30

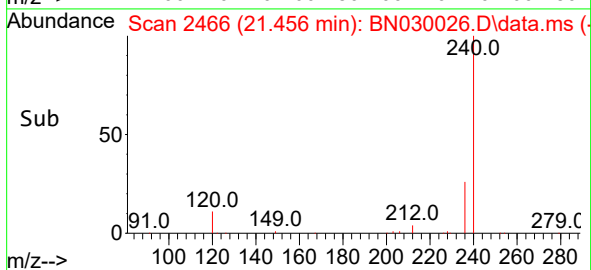
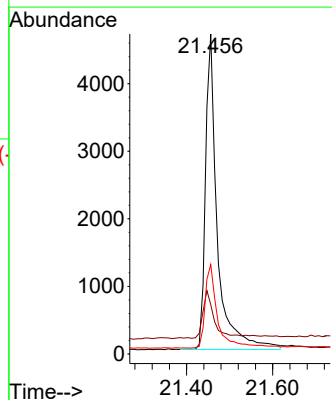
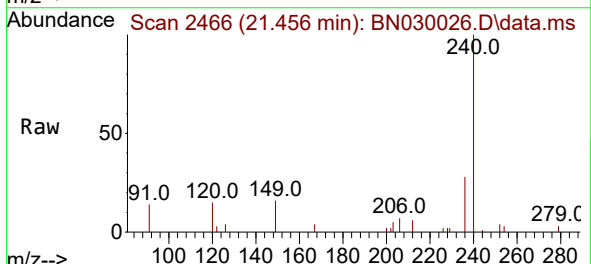
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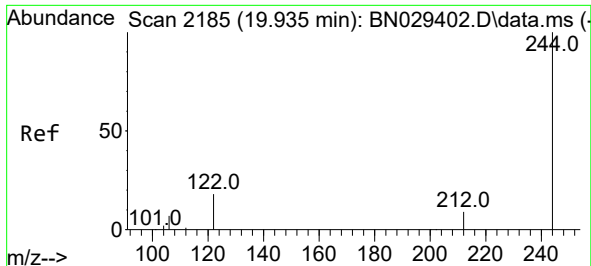
Tgt Ion:	212	Resp:	11372
Ion	Ratio	Lower	Upper
212	100		
106	15.6	13.2	19.8
104	8.8	7.7	11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030026.D
Acq: 25 Feb 2024 12:30

Tgt Ion:	240	Resp:	8945
Ion	Ratio	Lower	Upper
240	100		
120	15.4	16.7	25.1#
236	28.0	23.9	35.9

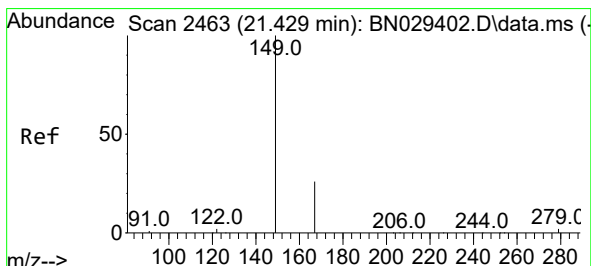
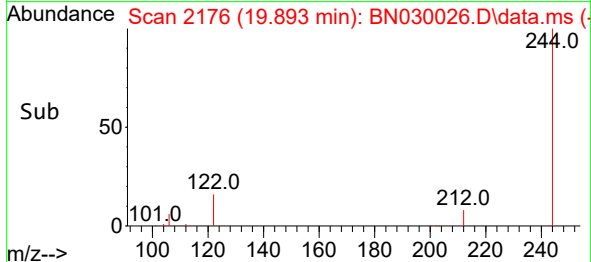
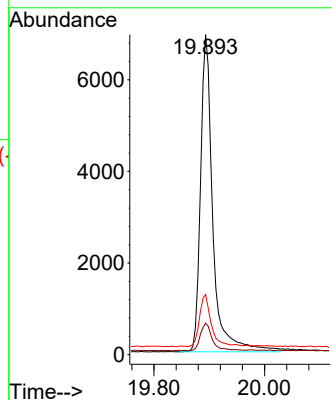
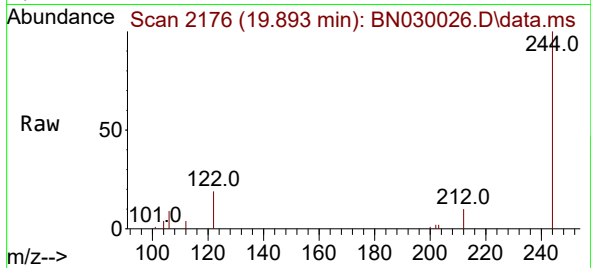




#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 19.893 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN030026.D
 Acq: 25 Feb 2024 12:30

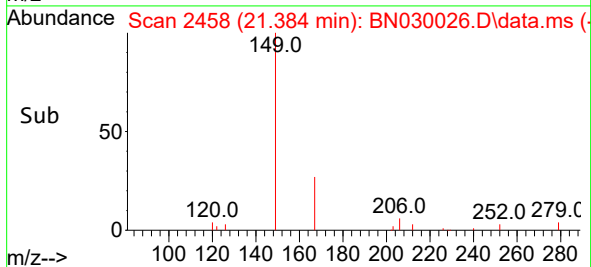
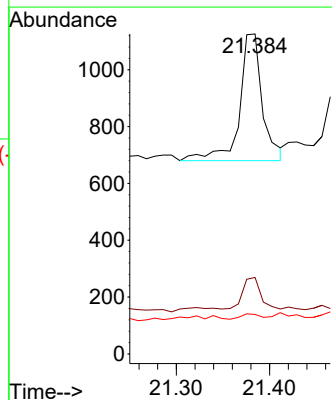
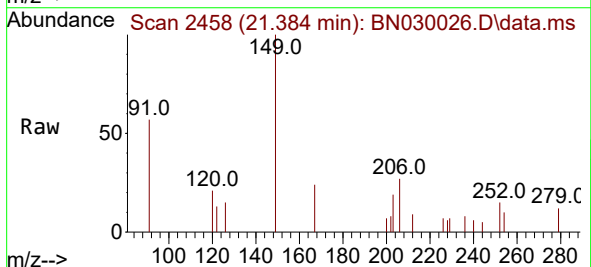
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20240217

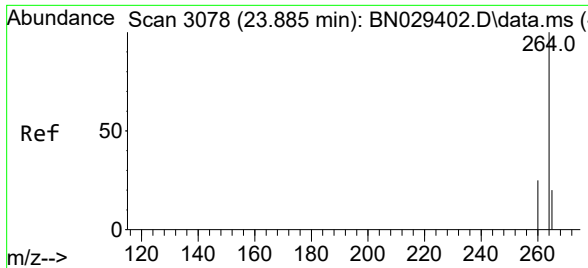
Tgt Ion:244 Resp: 10727
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.2 12.4
 122 18.8 15.6 23.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 21.384 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BN030026.D
 Acq: 25 Feb 2024 12:30

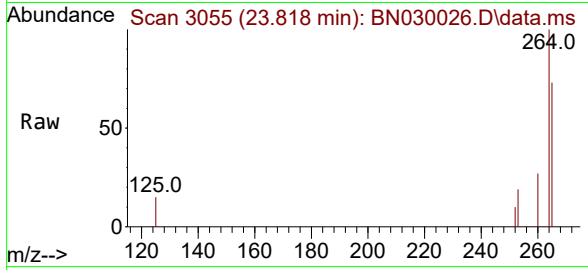
Tgt Ion:149 Resp: 765
 Ion Ratio Lower Upper
 149 100
 167 20.8 20.1 30.1
 279 3.5 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.818 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN030026.D
 Acq: 25 Feb 2024 12:30

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20240217



Tgt Ion:264 Resp: 7896
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 73.3 41.5 62.3#

