

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034146.D
 Acq On : 22 Sep 2024 04:47
 Operator : JU/RC
 Sample : P4111-04
 Misc :
 ALS Vial : 111 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20240918

Quant Time: Sep 23 00:03:37 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)

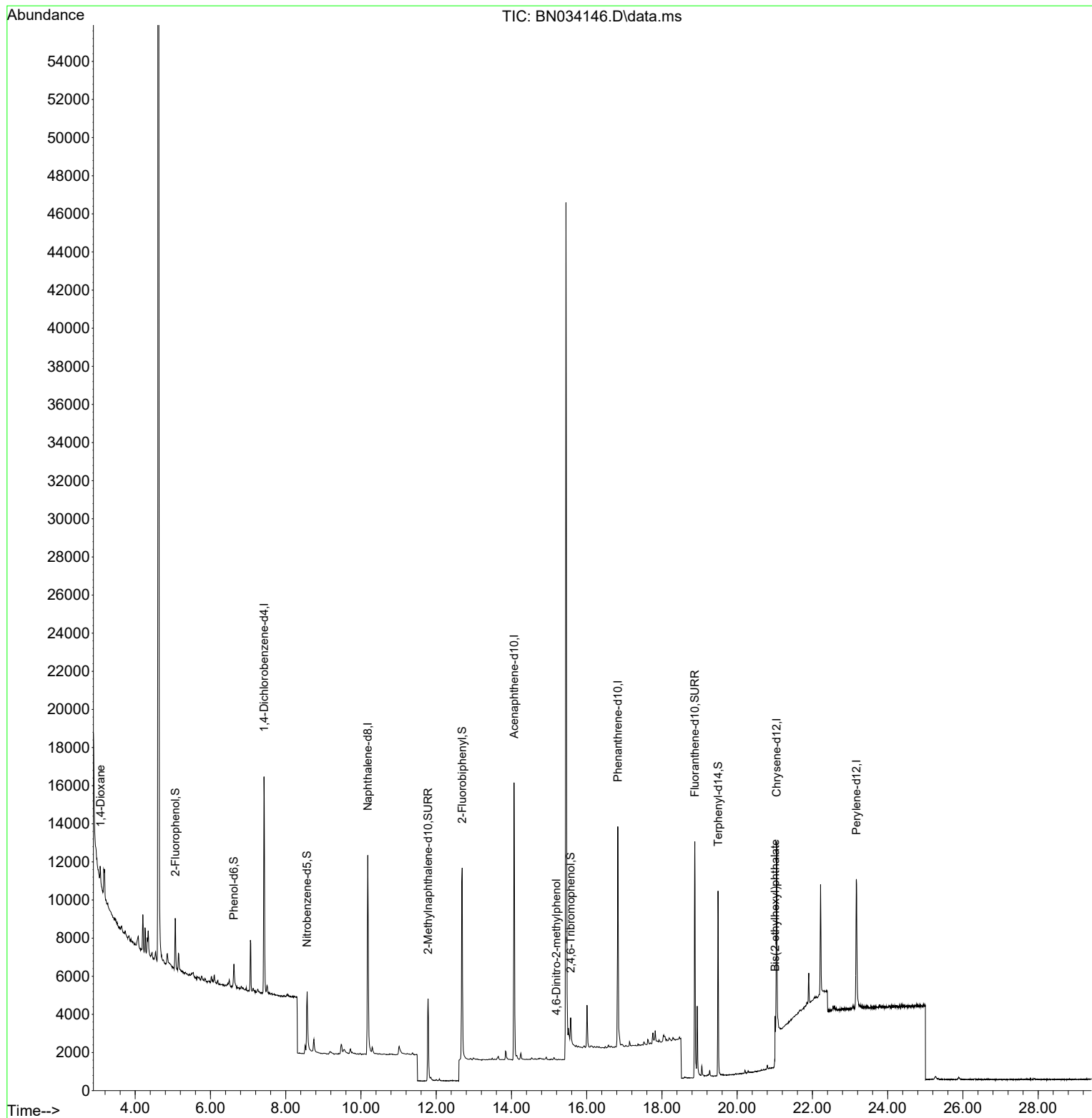
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5454	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14644	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	8075	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	15340	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	10264	0.400	ng	# 0.00
35) Perylene-d12	23.169	264	9401	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1970	0.127	ng	0.00
5) Phenol-d6	6.622	99	1222	0.068	ng	-0.01
8) Nitrobenzene-d5	8.568	82	3312	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	6606	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.574	330	766	0.209	ng	-0.01
15) 2-Fluorobiphenyl	12.690	172	10186	0.310	ng	-0.01
27) Fluoranthene-d10	18.874	212	13674	0.353	ng	-0.01
31) Terphenyl-d14	19.491	244	8903	0.434	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.076	88	505	0.074	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.191	198	2	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	1502	0.111	ng	# 79

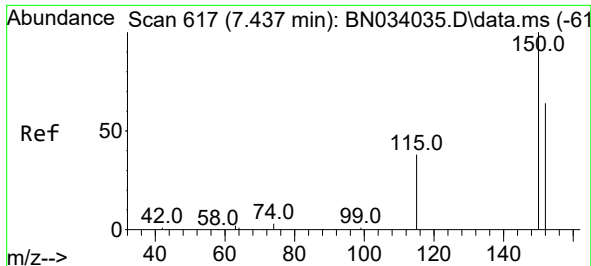
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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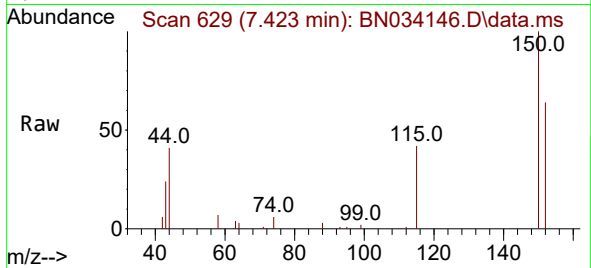
Quant Time: Sep 23 00:03:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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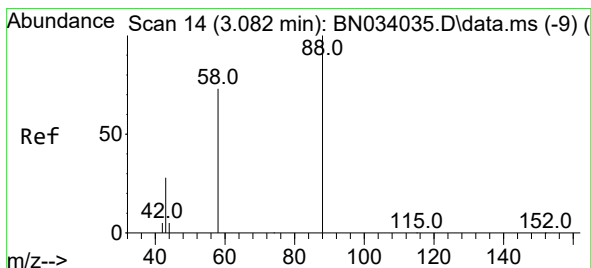
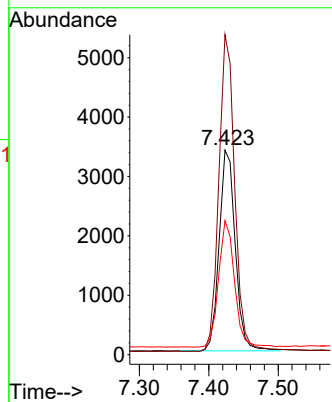
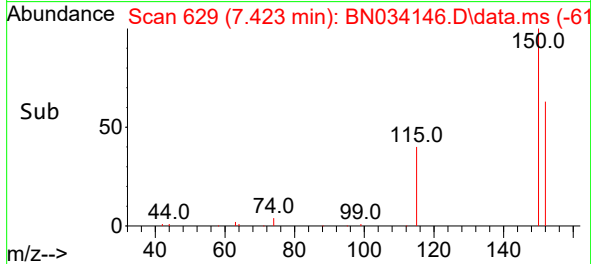


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034146.D
Acq: 22 Sep 2024 04:47

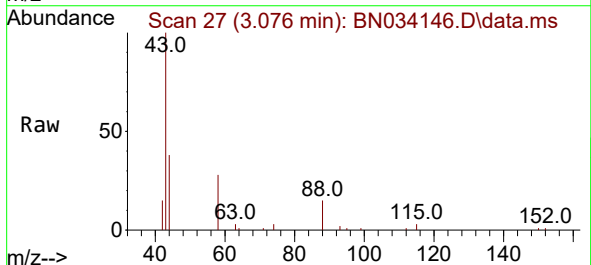
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240918



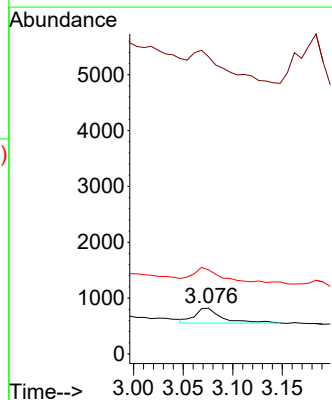
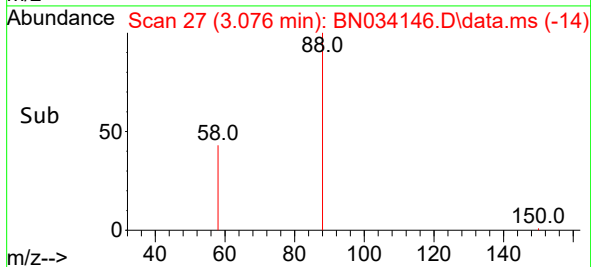
Tgt Ion:152 Resp: 5454
Ion Ratio Lower Upper
152 100
150 156.6 124.6 187.0
115 65.5 50.0 75.0

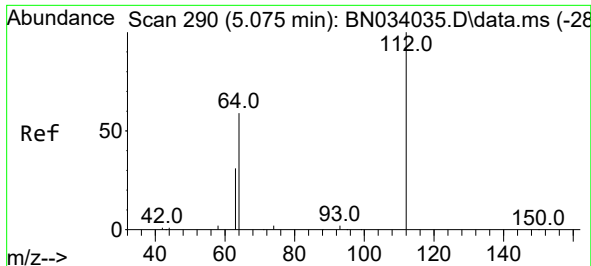


#2
1,4-Dioxane
Concen: 0.074 ng
RT: 3.076 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034146.D
Acq: 22 Sep 2024 04:47



Tgt Ion: 88 Resp: 505
Ion Ratio Lower Upper
88 100
43 243.2 25.8 38.8#
58 89.1 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.069 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240918

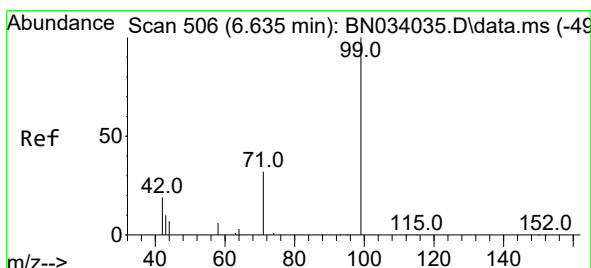
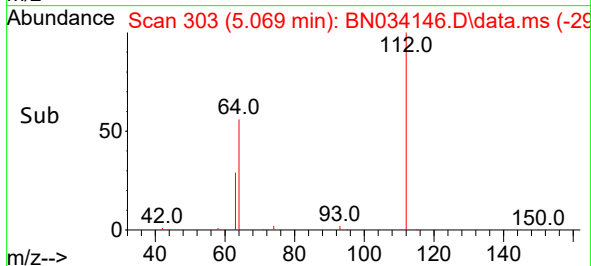
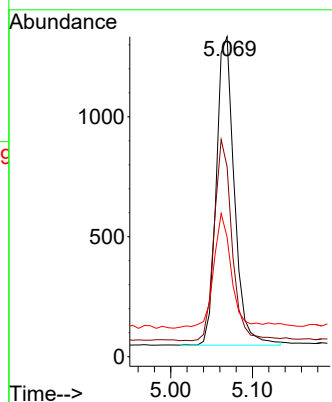
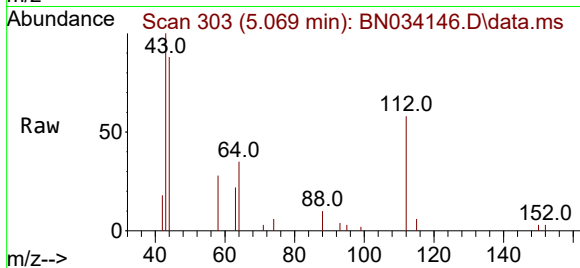
Tgt Ion:112 Resp: 1970

Ion Ratio Lower Upper

112 100

64 64.4 48.6 72.8

63 36.6 25.6 38.4



#5

Phenol-d6

Concen: 0.068 ng

RT: 6.622 min Scan# 518

Delta R.T. -0.013 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

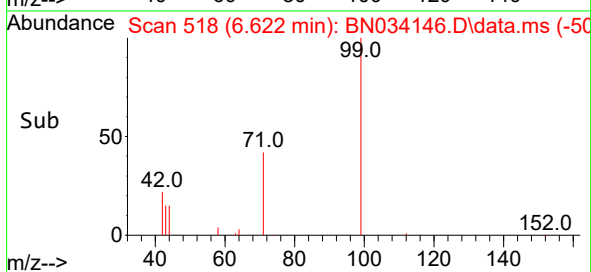
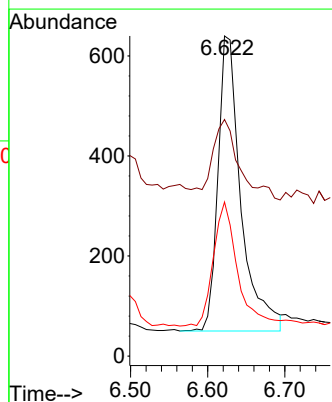
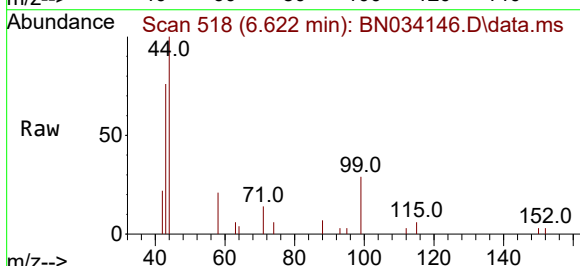
Tgt Ion: 99 Resp: 1222

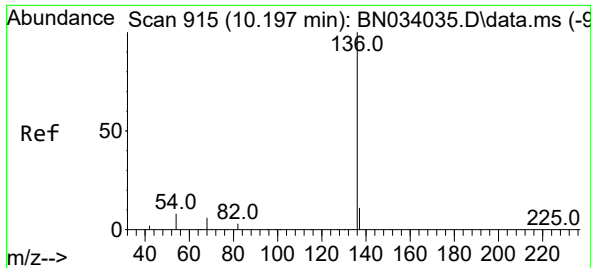
Ion Ratio Lower Upper

99 100

42 32.5 17.8 26.8#

71 43.9 26.2 39.2#

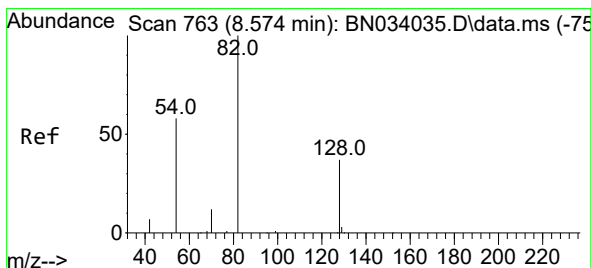
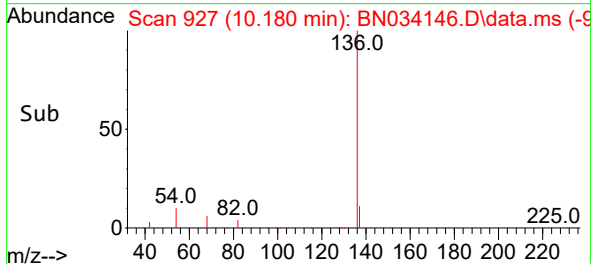
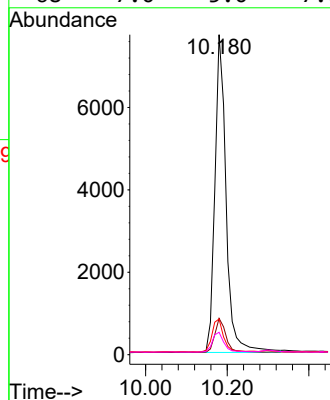
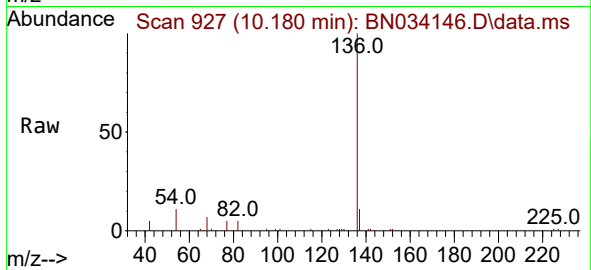




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034146.D
Acq: 22 Sep 2024 04:47

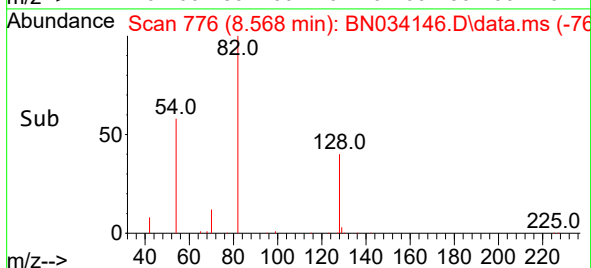
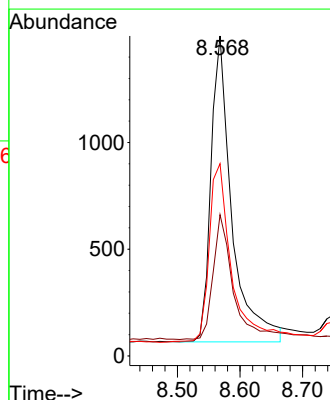
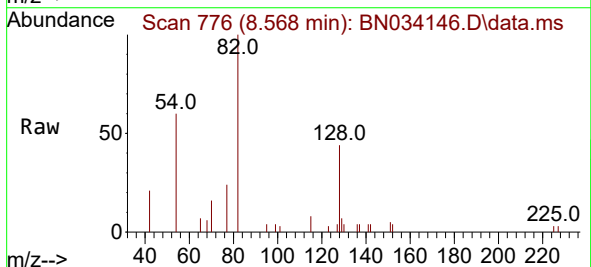
Instrument :
BNA_N
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RW7-SP303-20240918

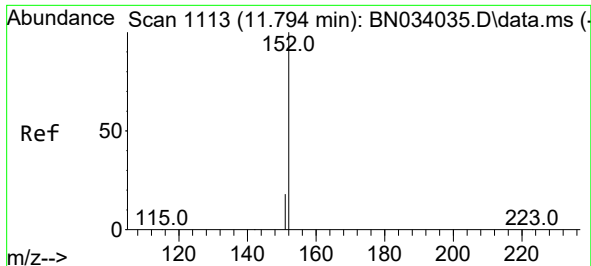
Tgt Ion:136 Resp: 14644
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 11.2 6.8 10.2#
68 7.0 5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034146.D
Acq: 22 Sep 2024 04:47

Tgt Ion: 82 Resp: 3312
Ion Ratio Lower Upper
82 100
128 44.2 31.4 47.2
54 60.1 47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 11.784 min Scan# 1113

Delta R.T. -0.010 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

Instrument :

BNA_N

ClientSampleId :

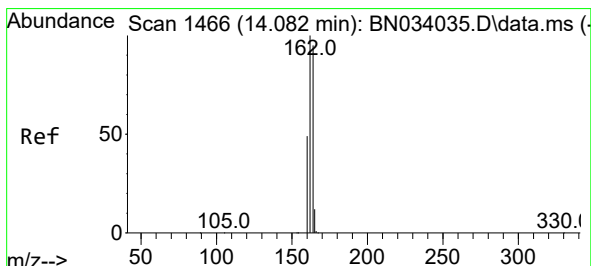
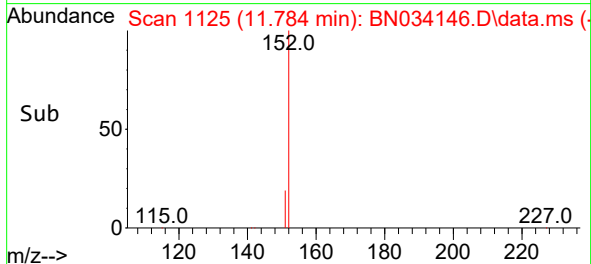
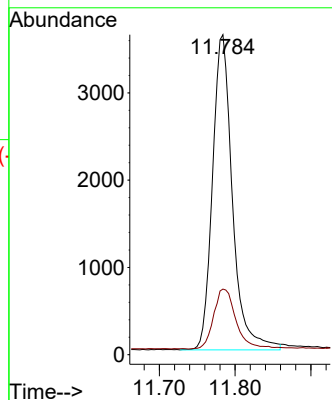
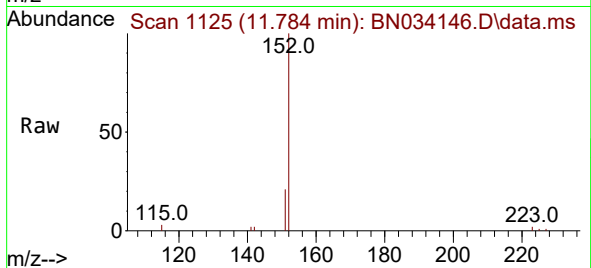
RW7-SP303-20240918

Tgt Ion:152 Resp: 6606

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.069 min Scan# 1479

Delta R.T. -0.013 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

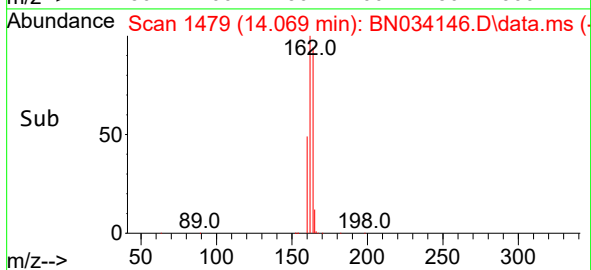
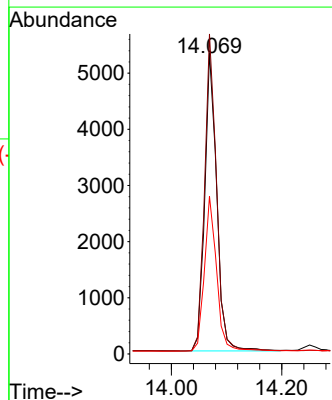
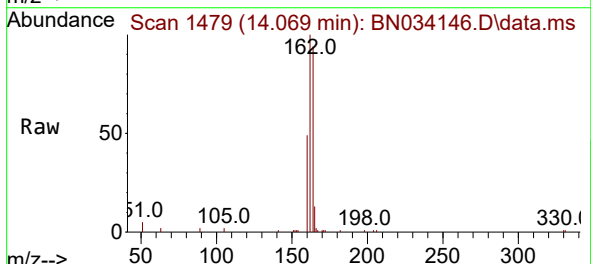
Tgt Ion:164 Resp: 8075

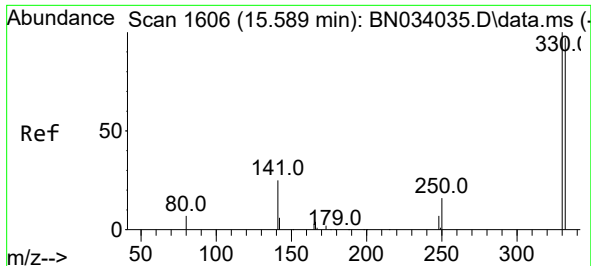
Ion Ratio Lower Upper

164 100

162 106.2 84.2 126.2

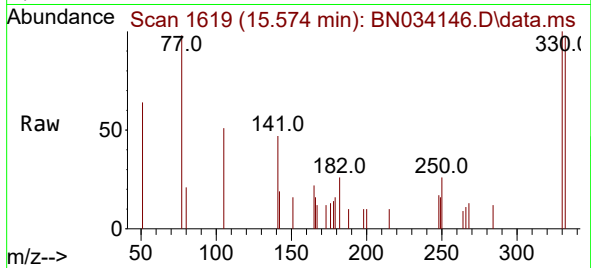
160 52.4 41.7 62.5



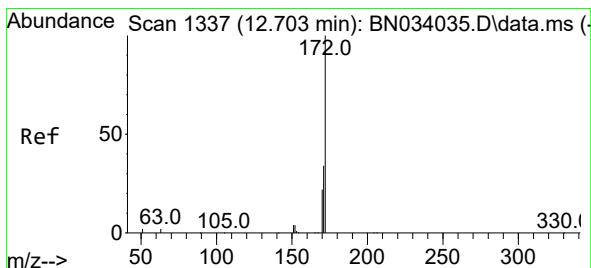
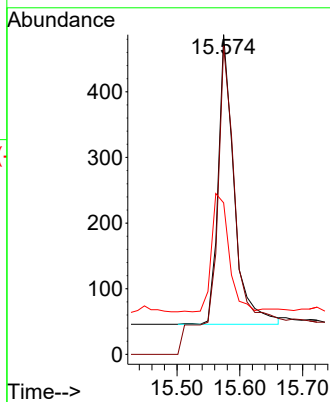
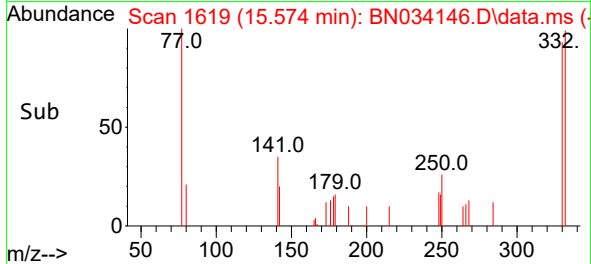


#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.574 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN034146.D
Acq: 22 Sep 2024 04:47

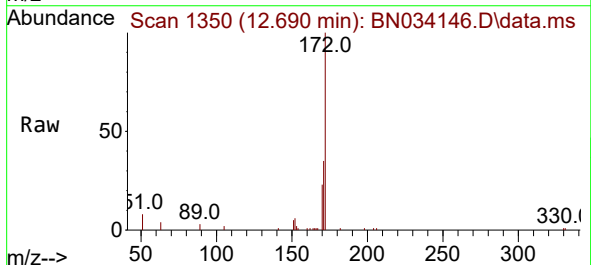
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240918



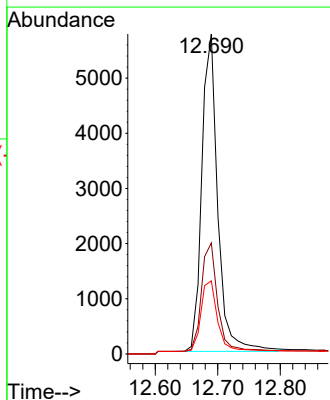
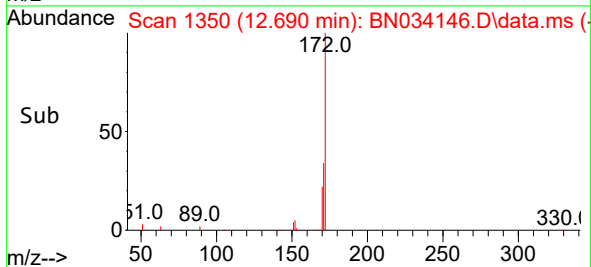
Tgt Ion: 330 Resp: 766
Ion Ratio Lower Upper
330 100
332 158.5 77.4 116.0#
141 45.0 35.9 53.9

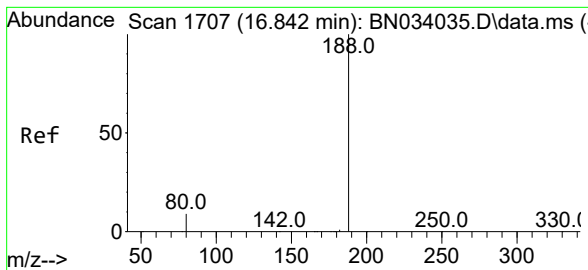


#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034146.D
Acq: 22 Sep 2024 04:47



Tgt Ion: 172 Resp: 10186
Ion Ratio Lower Upper
172 100
171 34.7 27.3 40.9
170 22.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240918

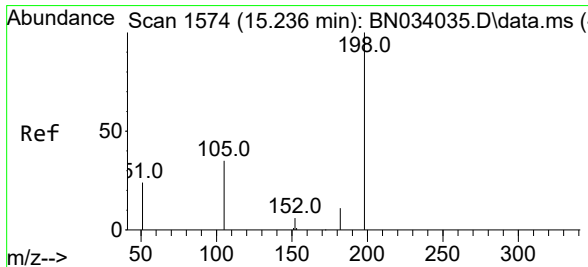
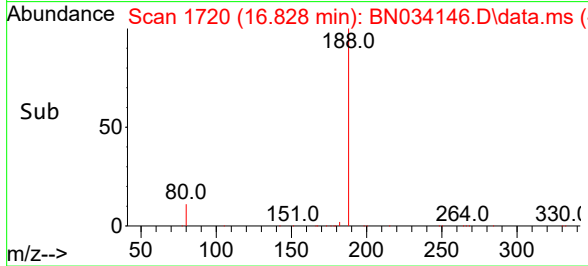
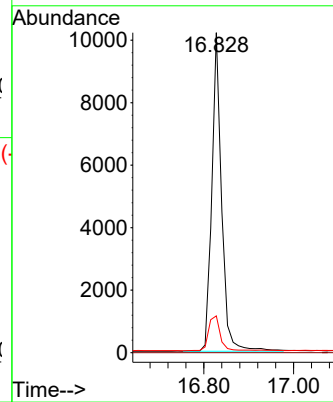
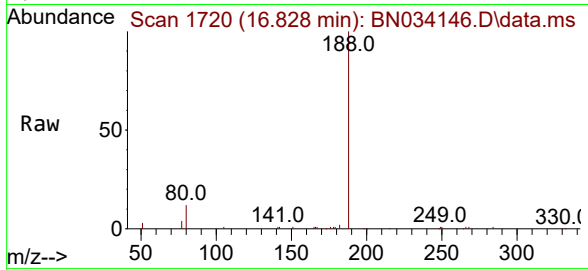
Tgt Ion:188 Resp: 15340

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.191 min Scan# 1584

Delta R.T. -0.045 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

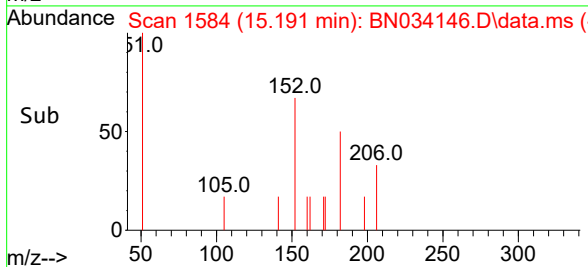
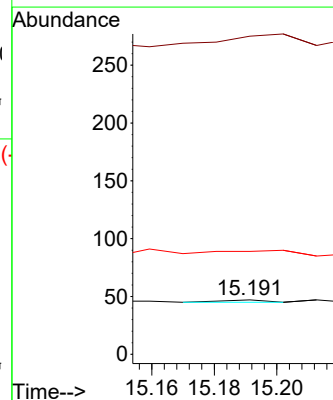
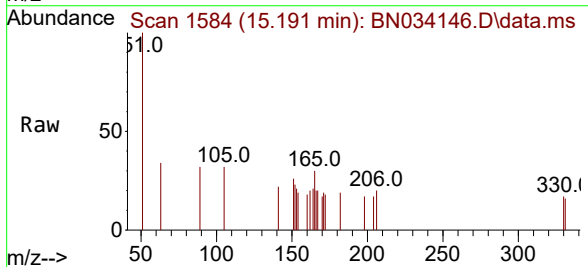
Tgt Ion:198 Resp: 2

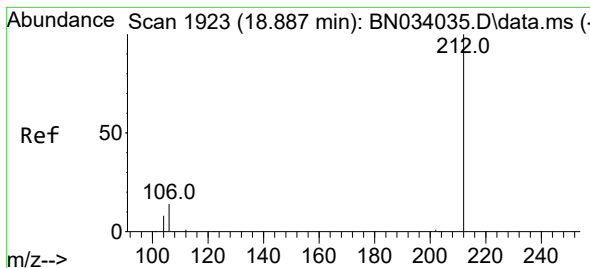
Ion Ratio Lower Upper

198 100

51 585.1 106.4 159.6#

105 189.4 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.353 ng

RT: 18.874 min Scan# 1923

Delta R.T. -0.013 min

Lab File: BN034146.D

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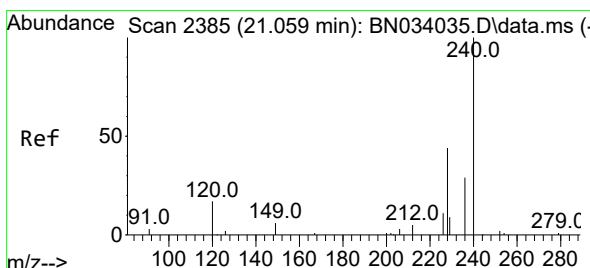
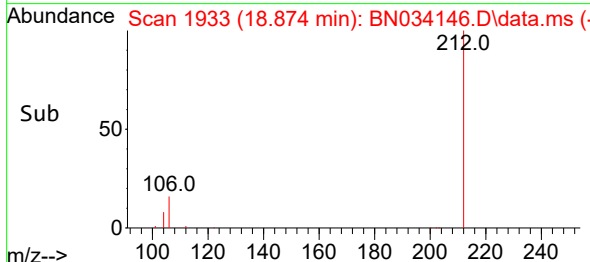
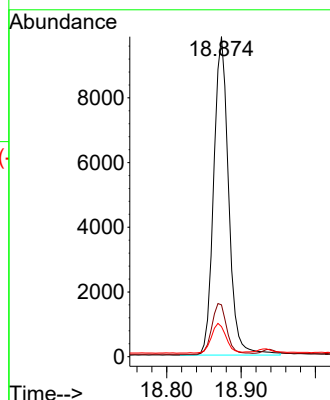
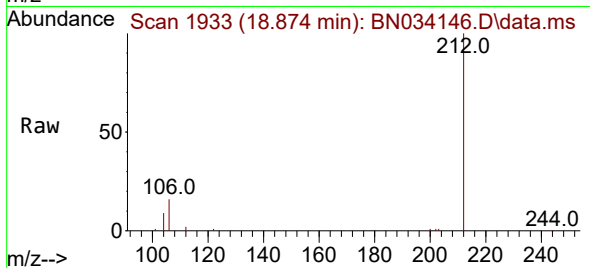
Tgt Ion:212 Resp: 13674

Ion Ratio Lower Upper

212 100

106 16.1 13.4 20.2

104 9.1 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 2397

Delta R.T. -0.008 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

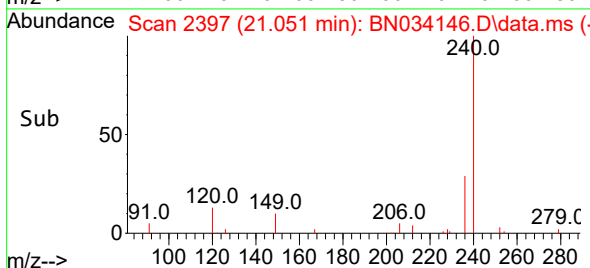
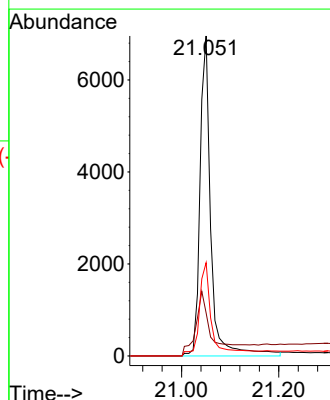
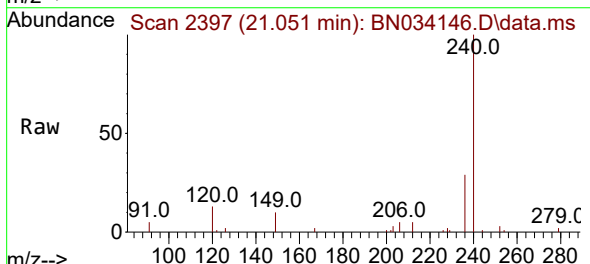
Tgt Ion:240 Resp: 10264

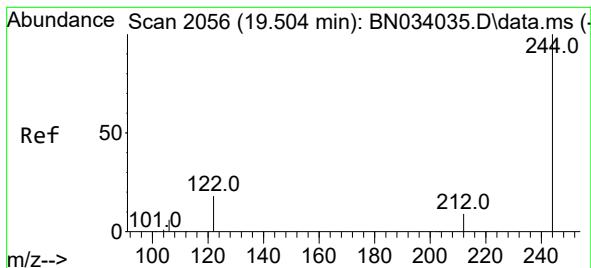
Ion Ratio Lower Upper

240 100

120 13.5 13.5 20.3#

236 29.1 23.4 35.0





#31

Terphenyl-d14

Concen: 0.434 ng

RT: 19.491 min Scan# 2066

Delta R.T. -0.013 min

Lab File: BN034146.D

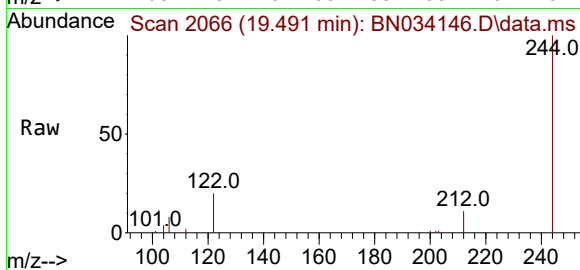
Acq: 22 Sep 2024 04:47

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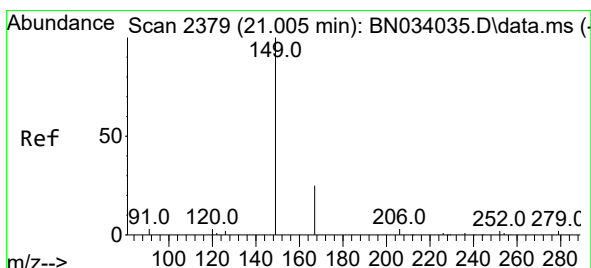
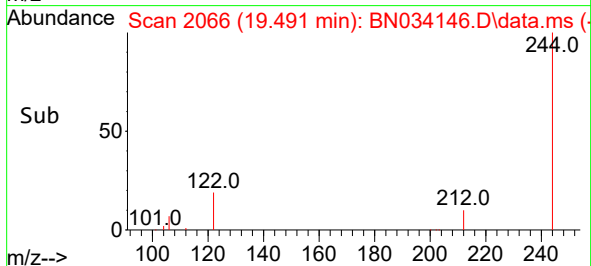
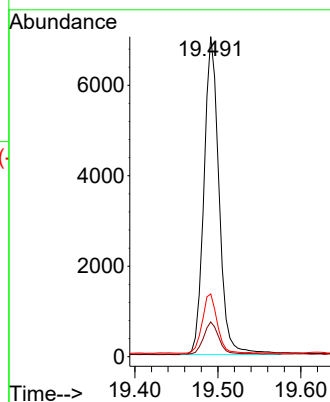
Tgt Ion:244 Resp: 8903

Ion Ratio Lower Upper

244 100

212 10.8 7.8 11.6

122 19.6 14.8 22.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

RT: 21.006 min Scan# 2392

Delta R.T. 0.001 min

Lab File: BN034146.D

Acq: 22 Sep 2024 04:47

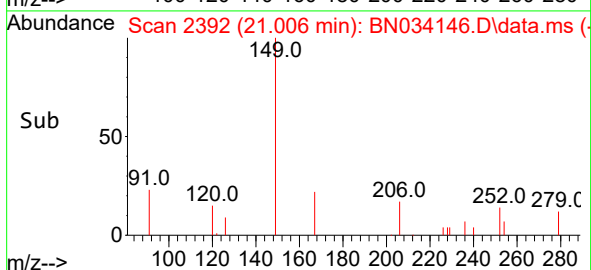
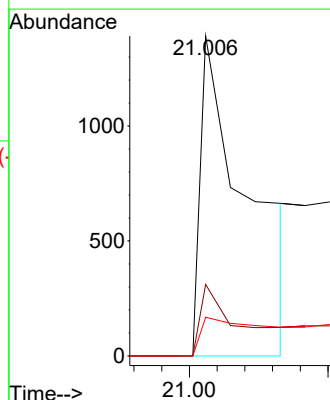
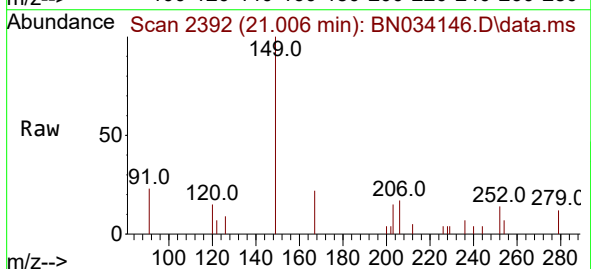
Tgt Ion:149 Resp: 1502

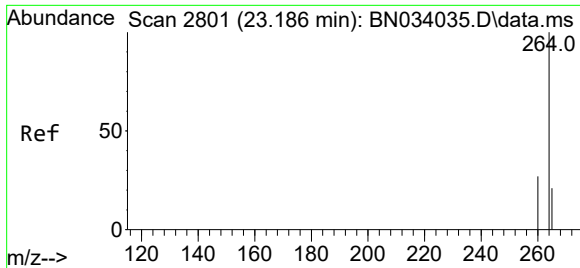
Ion Ratio Lower Upper

149 100

167 15.4 19.9 29.9#

279 16.4 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.169 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034146.D
Acq: 22 Sep 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240918

Tgt Ion:264 Resp: 9401

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.7	32.5
265	77.2	52.1	78.1

