

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
 Data File : BN029189.D
 Acq On : 26 Dec 2023 12:34
 Operator : MA/JU
 Sample : PB158020BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158020BL

Quant Time: Dec 26 13:00:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 23 03:51:02 2023
 Response via : Initial Calibration

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

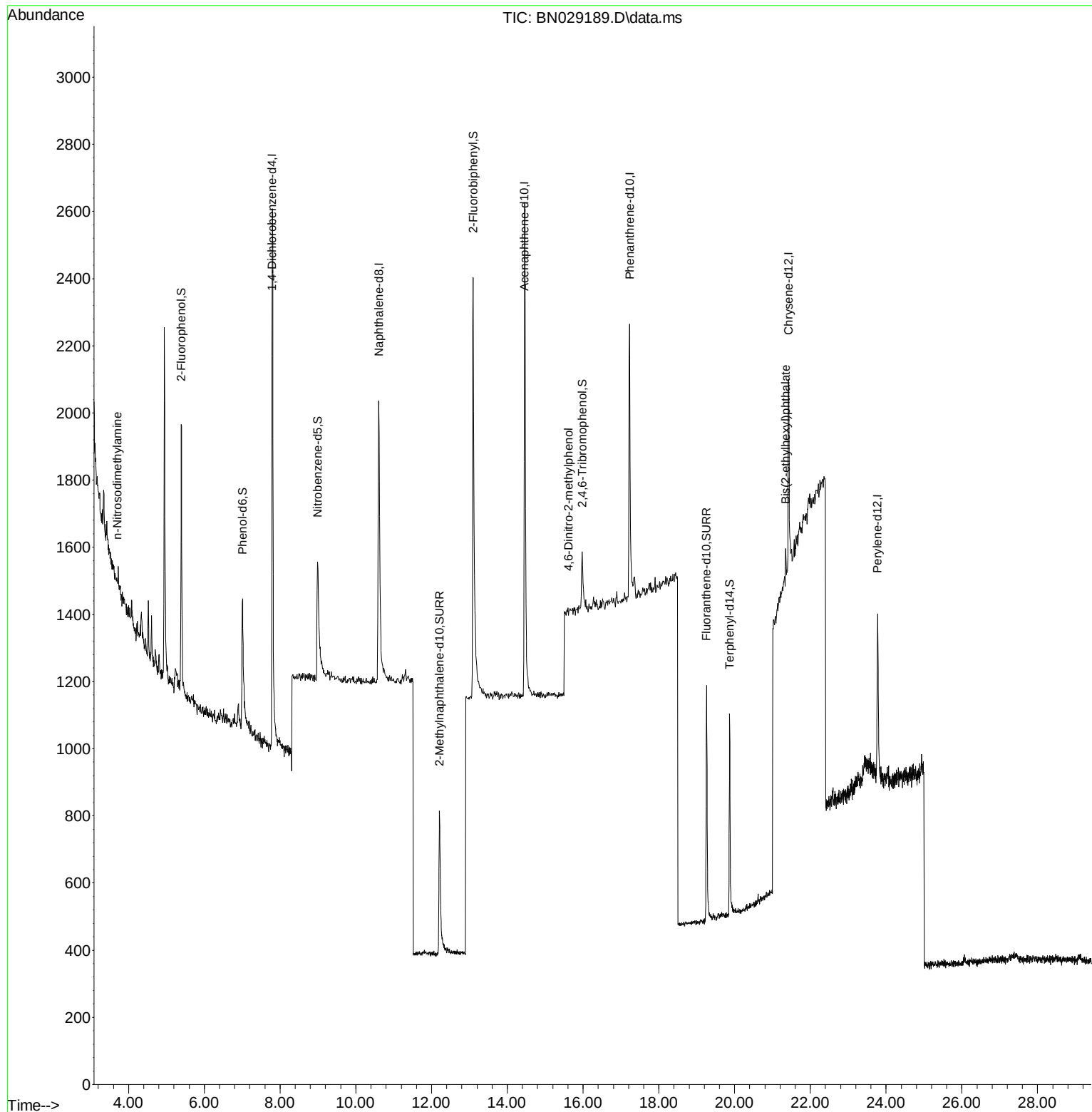
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	999	0.400	ng	0.01
7) Naphthalene-d8	10.605	136	1938	0.400	ng	# 0.03
13) Acenaphthene-d10	14.458	164	1139	0.400	ng	0.03
19) Phenanthrene-d10	17.231	188	1753	0.400	ng	0.05
29) Chrysene-d12	21.420	240	677	0.400	ng	0.04
35) Perylene-d12	23.780	264	796	0.400	ng	0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	706	0.310	ng	0.01
5) Phenol-d6	7.009	99	623	0.244	ng	0.02
8) Nitrobenzene-d5	8.993	82	728	0.302	ng	0.03
11) 2-Methylnaphthalene-d10	12.208	152	985	0.310	ng	0.04
14) 2,4,6-Tribromophenol	15.977	330	160	0.192	ng	0.05
15) 2-Fluorobiphenyl	13.100	172	1814	0.282	ng	0.04
27) Fluoranthene-d10	19.262	212	1064	0.291	ng	0.04
31) Terphenyl-d14	19.870	244	673	0.341	ng	0.04
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.709	42	16	0.024	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.617	198	2	0.182	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.349	149	130	0.027	ng	# 94

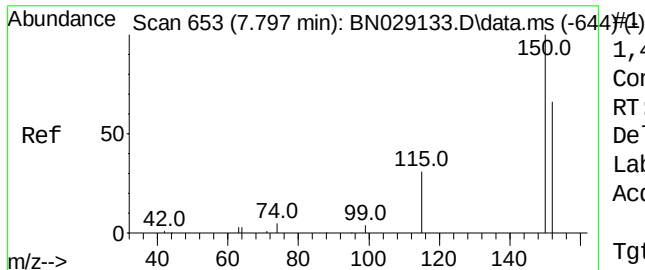
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.797 min Scan#

Delta R.T. 0.015 min

Lab File: BN029189.D

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Instrument :

BNA_N

ClientSampleId :

PB158020BL

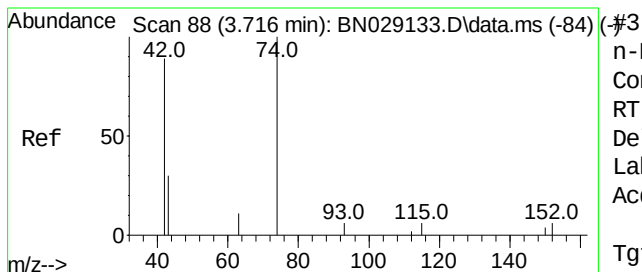
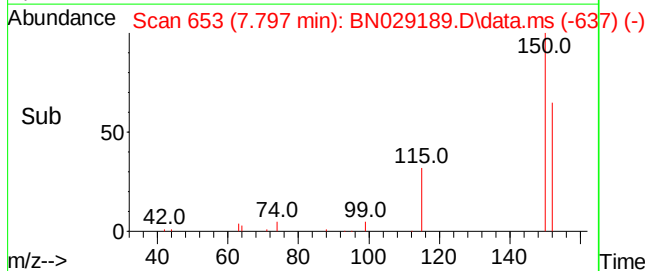
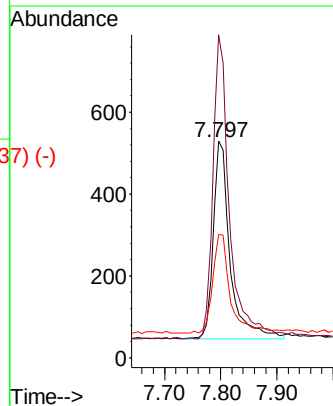
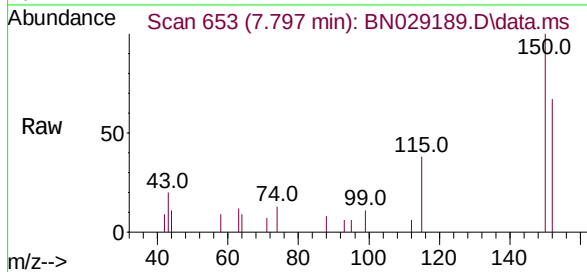
Tgt Ion:152 Resp: 999

Ion Ratio Lower Upper

152 100

150 149.1 117.5 176.3

115 57.1 46.3 69.5



n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.709 min Scan# 87

Delta R.T. 0.022 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

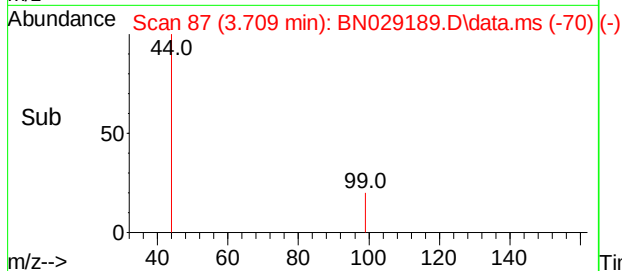
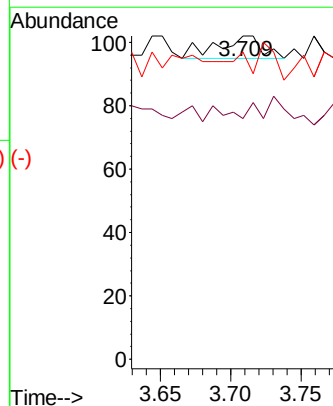
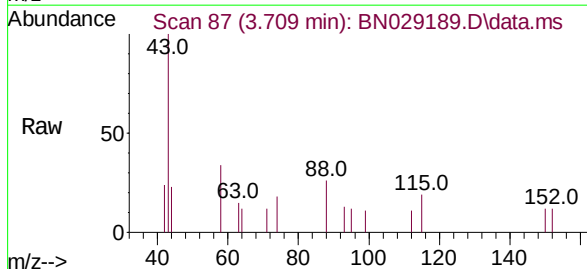
Tgt Ion: 42 Resp: 16

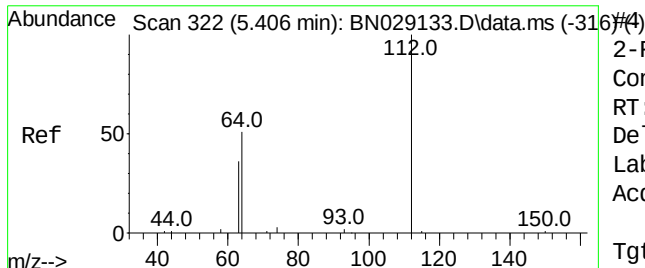
Ion Ratio Lower Upper

42 100

74 0.0 95.1 142.7#

44 0.0 7.6 11.4#





2-Fluorophenol

Concen: 0.310 ng

RT: 5.399 min Scan# 4

Delta R.T. 0.014 min

Lab File: BN029189.D

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Instrument :

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ClientSampleId :

PB158020BL

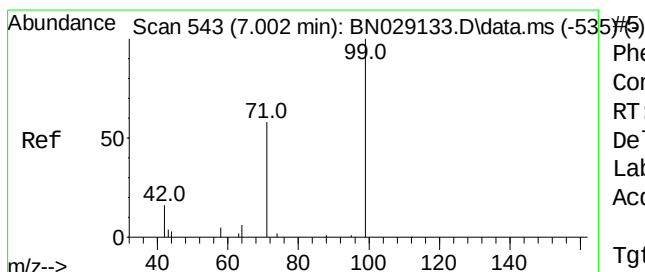
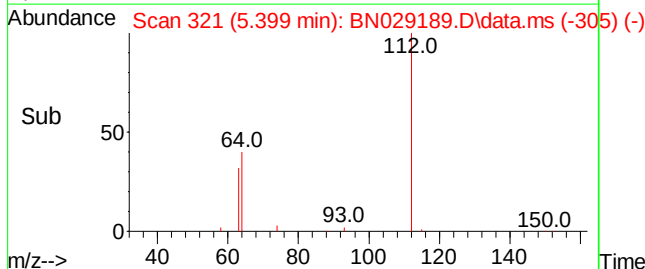
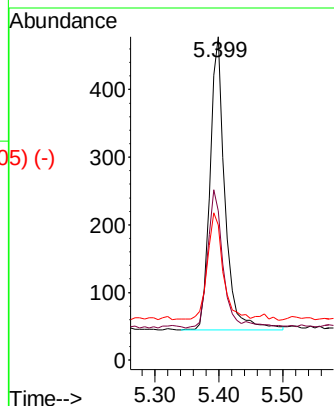
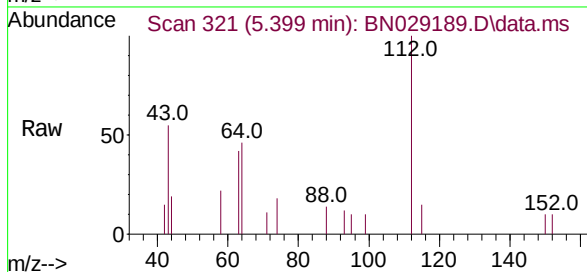
Tgt Ion:112 Resp: 706

Ion Ratio Lower Upper

112 100

64 49.0 37.8 56.6

63 37.4 29.4 44.0



Phenol-d6

Concen: 0.244 ng

RT: 7.009 min Scan# 544

Delta R.T. 0.022 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

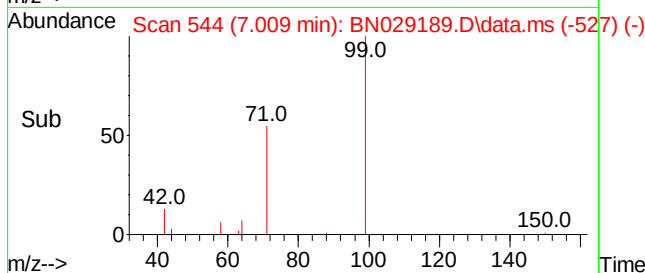
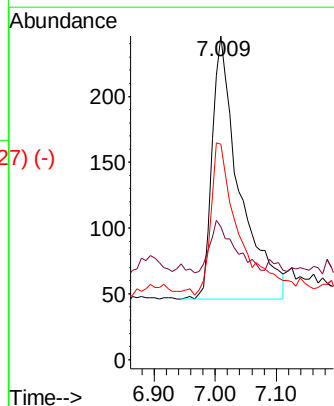
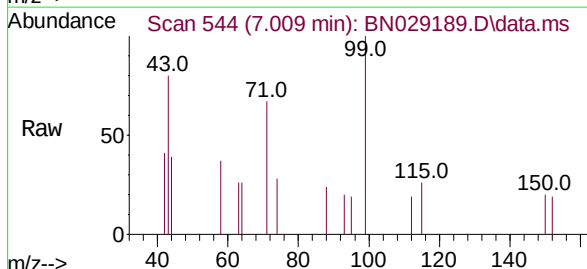
Tgt Ion: 99 Resp: 623

Ion Ratio Lower Upper

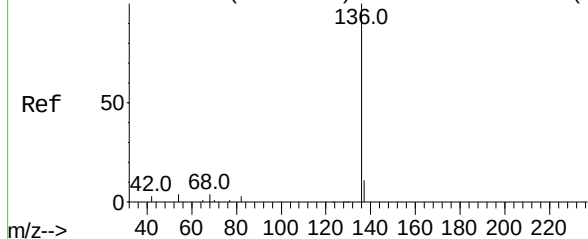
99 100

42 17.7 16.8 25.2

71 59.6 43.4 65.2



Abundance Scan 937 (10.584 min): BN029133.D\data.ms (-927) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.605 min Scan# 937

Delta R.T. 0.032 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

Instrument :

BNA_N

ClientSampleId :

PB158020BL

Tgt Ion:136 Resp: 1938

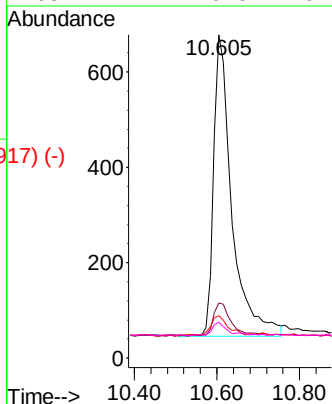
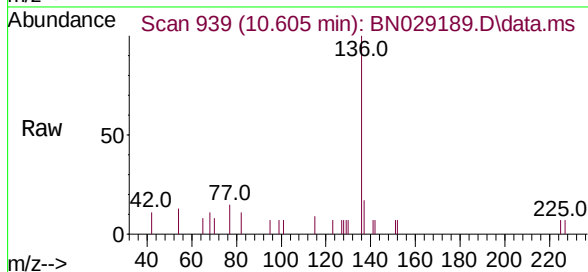
Ion Ratio Lower Upper

136 100

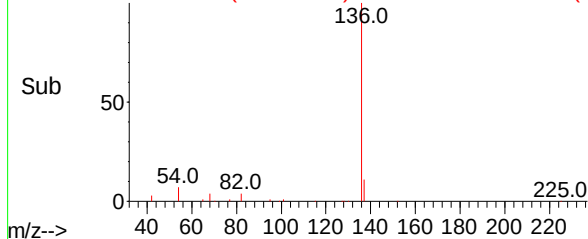
137 17.0 12.1 18.1

54 13.1 7.2 10.8#

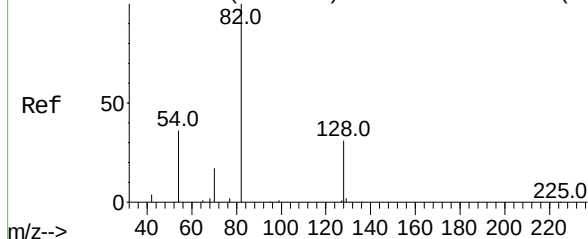
68 11.1 6.0 9.0#



Abundance Scan 939 (10.605 min): BN029189.D\data.ms (-917) (-)



Abundance Scan 785 (8.961 min): BN029133.D\data.ms (-780) (-)



Nitrobenzene-d5

Concen: 0.302 ng

RT: 8.993 min Scan# 788

Delta R.T. 0.032 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

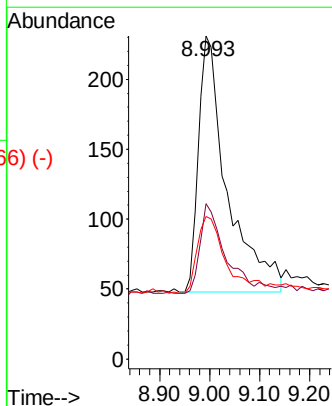
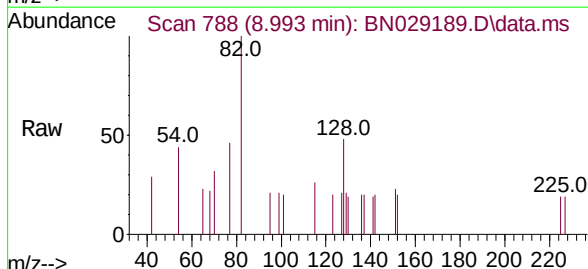
Tgt Ion: 82 Resp: 728

Ion Ratio Lower Upper

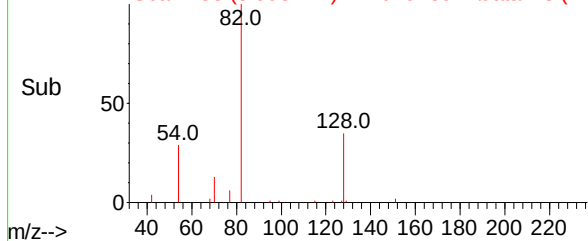
82 100

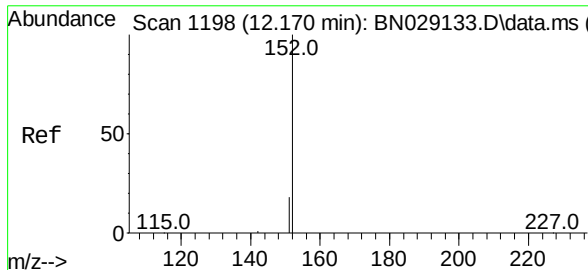
128 48.1 34.5 51.7

54 44.2 33.4 50.0



Abundance Scan 788 (8.993 min): BN029189.D\data.ms (-766) (-)

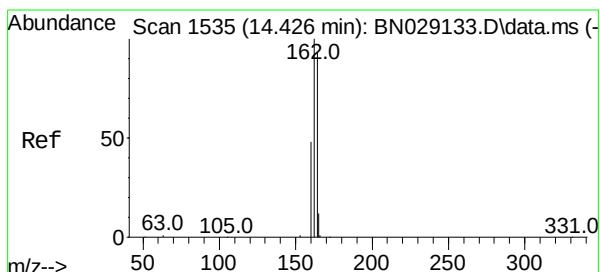
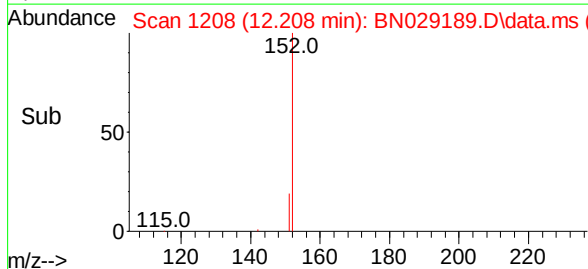
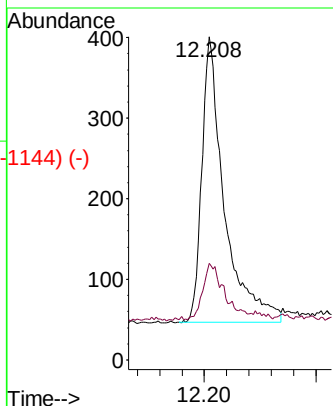
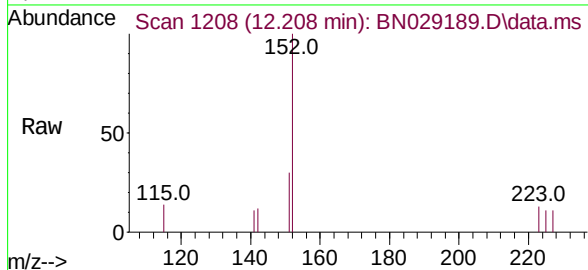




2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 12.208 min Scan# 1198
 Delta R.T. 0.042 min
 Lab File: BN029189.D
 Acq: 26 Dec 2023 12:34

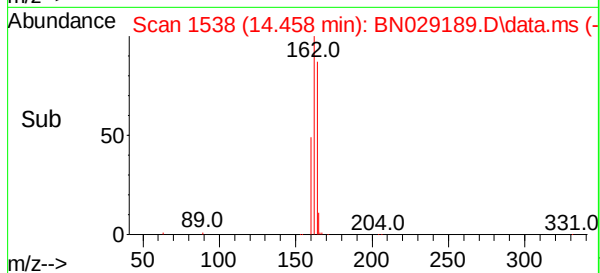
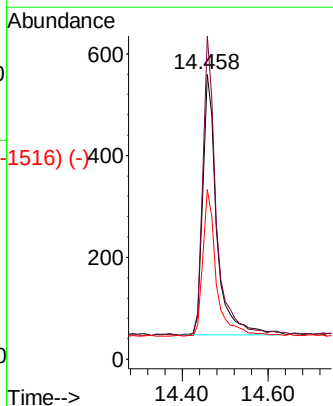
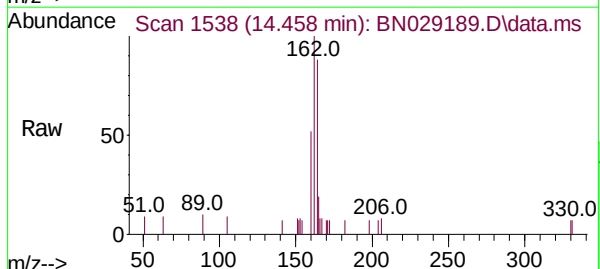
Instrument :
 BNA_N
 ClientSampleId :
 PB158020BL

Tgt Ion:152 Resp: 985
 Ion Ratio Lower Upper
 152 100
 151 17.8 17.4 26.0



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.458 min Scan# 1538
 Delta R.T. 0.032 min
 Lab File: BN029189.D
 Acq: 26 Dec 2023 12:34

Tgt Ion:164 Resp: 1139
 Ion Ratio Lower Upper
 164 100
 162 113.4 88.2 132.2
 160 59.5 44.9 67.3



Abundance Scan 1670 (15.927 min): BN029133.D\data.ms (-1665) (-)

2,4,6-Tribromophenol

Concen: 0.192 ng

RT: 15.977 min Scan# 1665

Delta R.T. 0.050 min

Lab File: BN029189.D

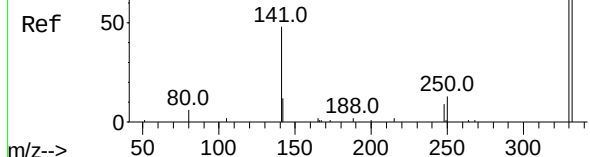
Acq: 26 Dec 2023 12:34

Instrument :

BNA_N

ClientSampleId :

PB158020BL



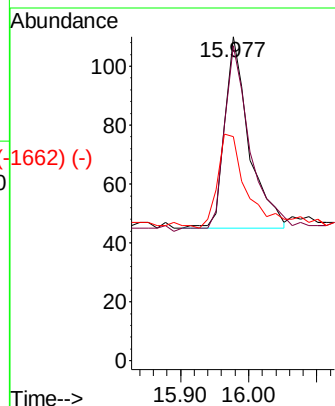
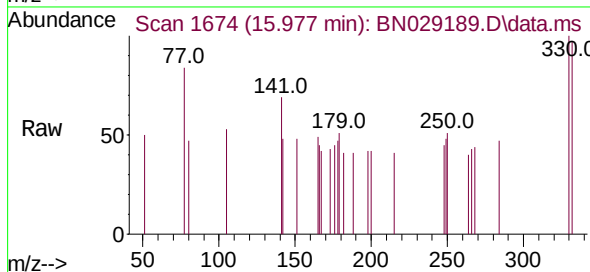
Tgt Ion:330 Resp: 160

Ion Ratio Lower Upper

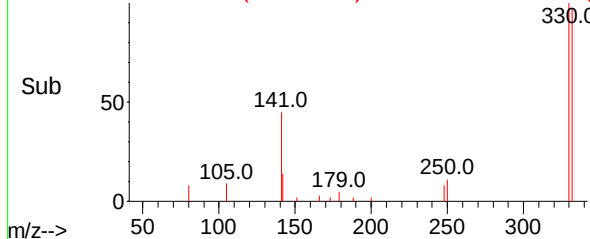
330 100

332 99.4 77.6 116.4

141 58.1 40.2 60.2



Abundance Scan 1674 (15.977 min): BN029189.D\data.ms (-1662) (-)



Abundance Scan 1407 (13.057 min): BN029133.D\data.ms (-1415) (-)

2-Fluorobiphenyl

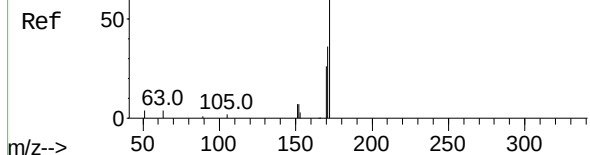
Concen: 0.282 ng

RT: 13.100 min Scan# 1411

Delta R.T. 0.043 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34



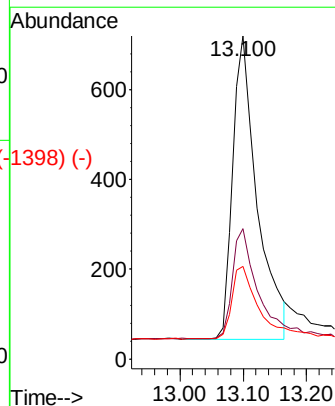
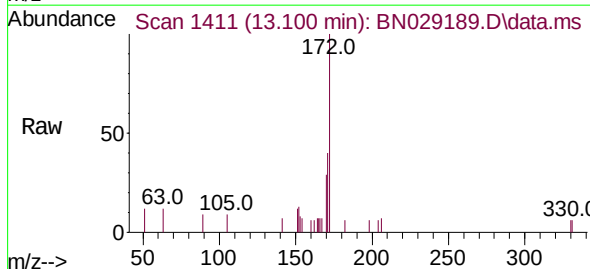
Tgt Ion:172 Resp: 1814

Ion Ratio Lower Upper

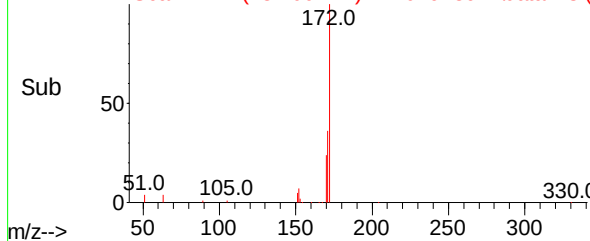
172 100

171 40.4 31.4 47.0

170 28.7 22.8 34.2



Abundance Scan 1411 (13.100 min): BN029189.D\data.ms (-1398) (-)



Abundance Scan 1771 (17.181 min): BN029133.D\data.ms (-1719) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.231 min Scan# 1771

Delta R.T. 0.050 min

Lab File: BN029189.D

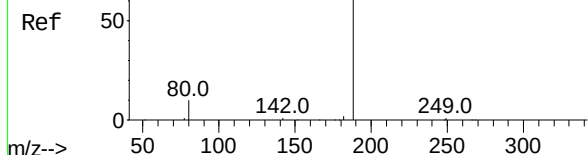
Acq: 26 Dec 2023 12:34

Instrument :

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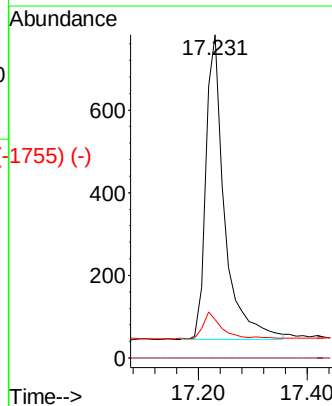
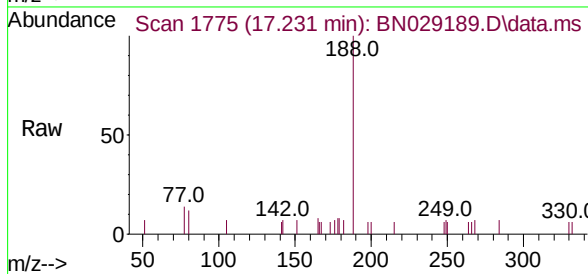
Tgt Ion:188 Resp: 1753

Ion Ratio Lower Upper

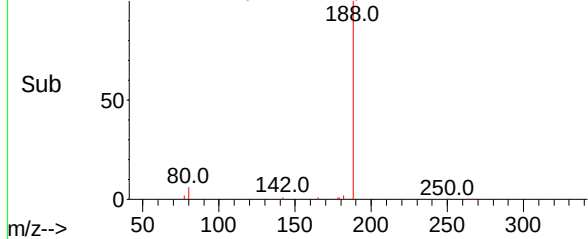
188 100

94 0.0 0.0 0.0

80 11.9 8.9 13.3



Abundance Scan 1775 (17.231 min): BN029189.D\data.ms (-1755) (-)



Abundance Scan 1642 (15.580 min): BN029133.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.182 ng

RT: 15.617 min Scan# 1645

Delta R.T. 0.037 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

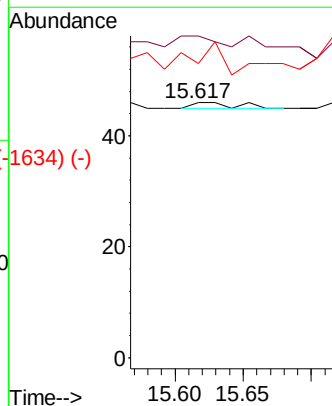
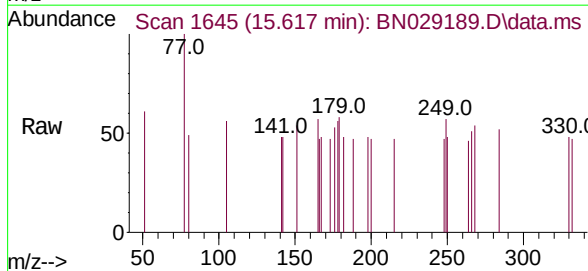
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

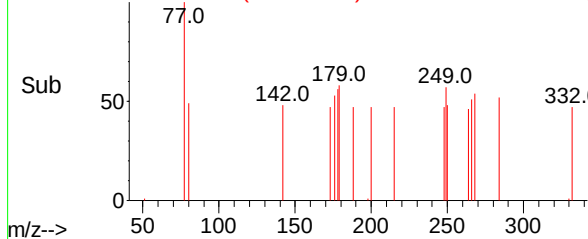
198 100

51 126.1 56.0 84.0#

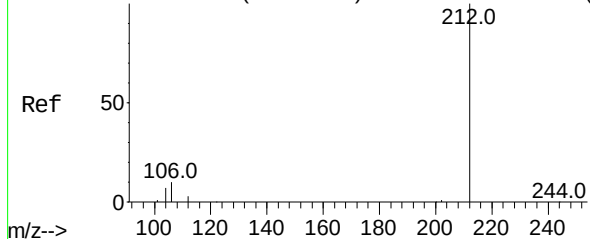
105 115.2 61.6 92.4#



Abundance Scan 1645 (15.617 min): BN029189.D\data.ms (-1634) (-)



Abundance Scan 2031 (19.220 min): BN029133.D\data.ms (-2023) (-)



Fluoranthene-d10

Concen: 0.291 ng

RT: 19.262 min Scan# 2040

Delta R.T. 0.042 min

Lab File: BN029189.D

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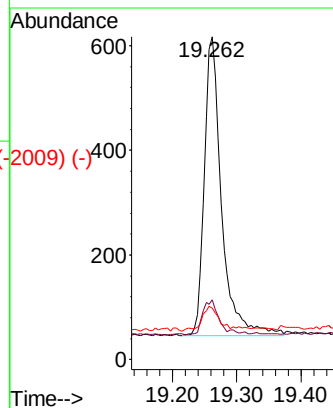
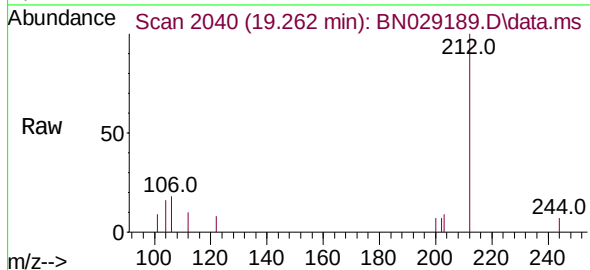
Tgt Ion:212 Resp: 1064

Ion Ratio Lower Upper

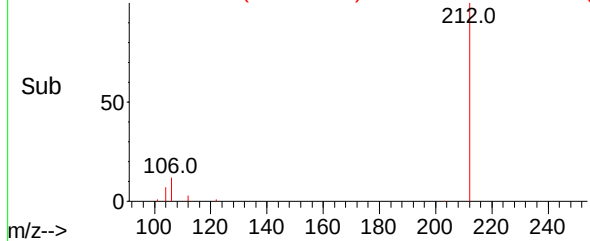
212 100

106 11.3 9.6 14.4

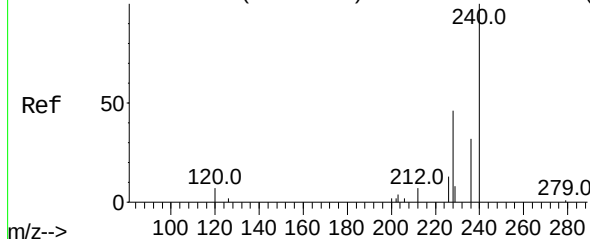
104 8.3 5.8 8.6



Abundance Scan 2040 (19.262 min): BN029189.D\data.ms (-2009) (-)



Abundance Scan 2458 (21.389 min): BN029133.D\data.ms (-2023) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.420 min Scan# 2462

Delta R.T. 0.036 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

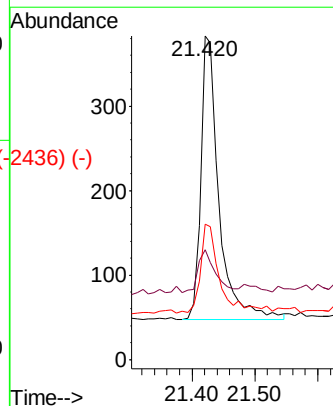
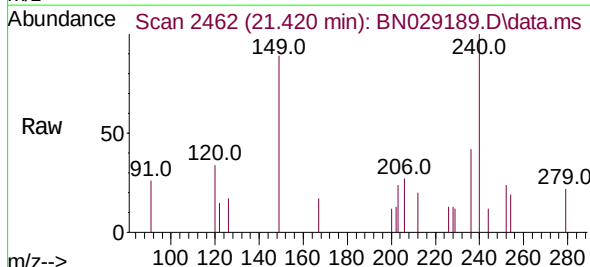
Tgt Ion:240 Resp: 677

Ion Ratio Lower Upper

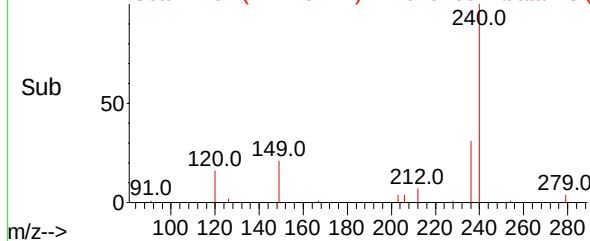
240 100

120 33.9 23.9 35.9

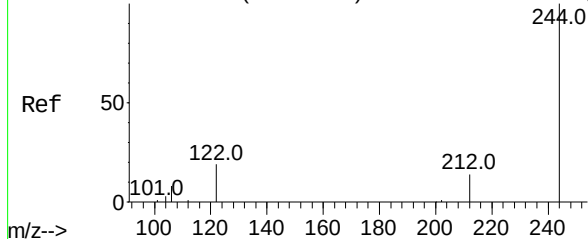
236 41.8 31.3 46.9



Abundance Scan 2462 (21.420 min): BN029189.D\data.ms (-2436) (-)



Abundance Scan 2162 (19.829 min): BN029133.D\data.ms (-2131) (-)



Terphenyl-d14

Concen: 0.341 ng

RT: 19.870 min Scan# 1

Delta R.T. 0.037 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

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PB158020BL

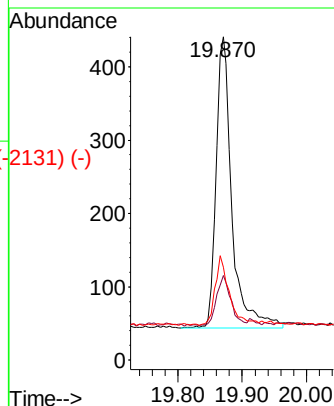
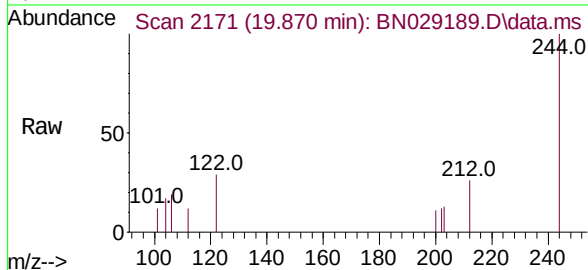
Tgt Ion:244 Resp: 673

Ion Ratio Lower Upper

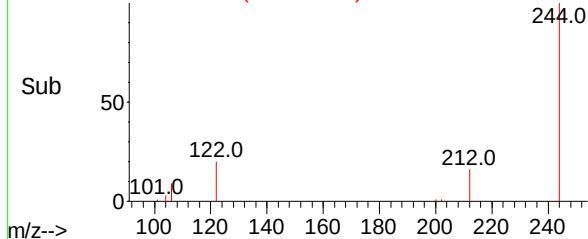
244 100

212 26.1 18.9 28.3

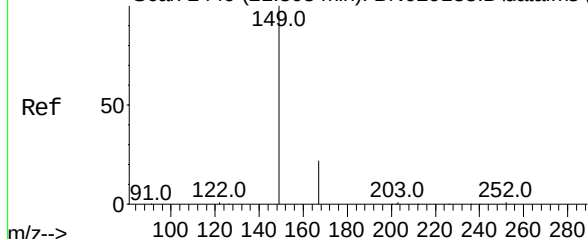
122 28.8 22.5 33.7



Abundance Scan 2171 (19.870 min): BN029189.D\data.ms (-2131) (-)



Abundance Scan 2449 (21.308 min): BN029133.D\data.ms (-2439) (-)



Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.349 min Scan# 2454

Delta R.T. 0.036 min

Lab File: BN029189.D

Acq: 26 Dec 2023 12:34

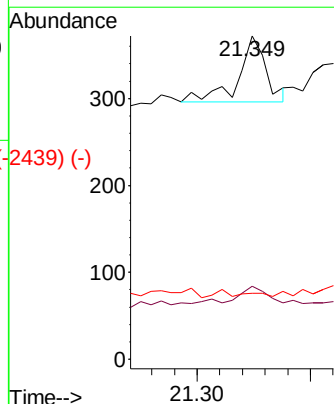
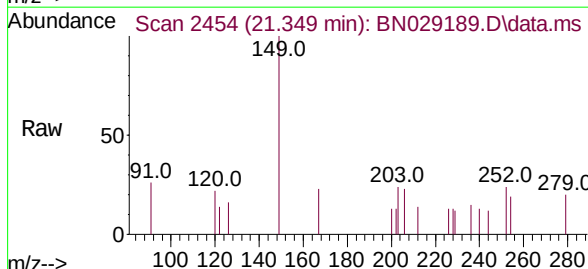
Tgt Ion:149 Resp: 130

Ion Ratio Lower Upper

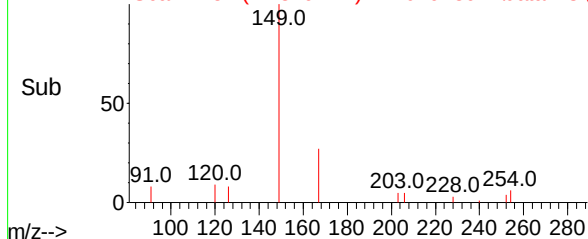
149 100

167 29.2 20.8 31.2

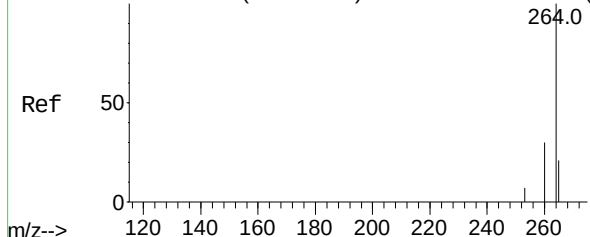
279 3.1 1.7 2.5#



Abundance Scan 2454 (21.349 min): BN029189.D\data.ms (-2439) (-)



Abundance Scan 3017 (23.711 min): BN029133.D\data.ms (-2995) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.780 min Scan# 1

Delta R.T. 0.070 min

Lab File: BN029189.D

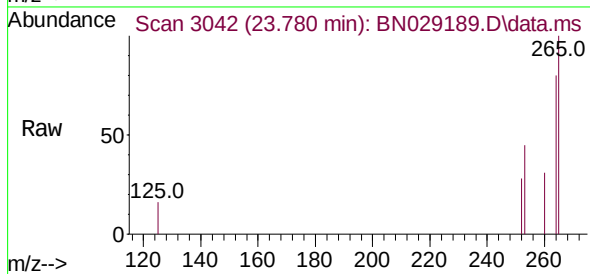
Acq: 26 Dec 2023 12:34

Instrument :

BNA_N

ClientSampleId :

PB158020BL



Tgt Ion:264 Resp: 796

Ion Ratio Lower Upper

264 100

260 38.1 27.1 40.7

265 124.4 99.4 149.2

