

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033229.D
 Acq On : 03 Aug 2024 09:11
 Operator : MA/JU
 Sample : PB162464BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162464BL

Quant Time: Aug 05 03:25:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

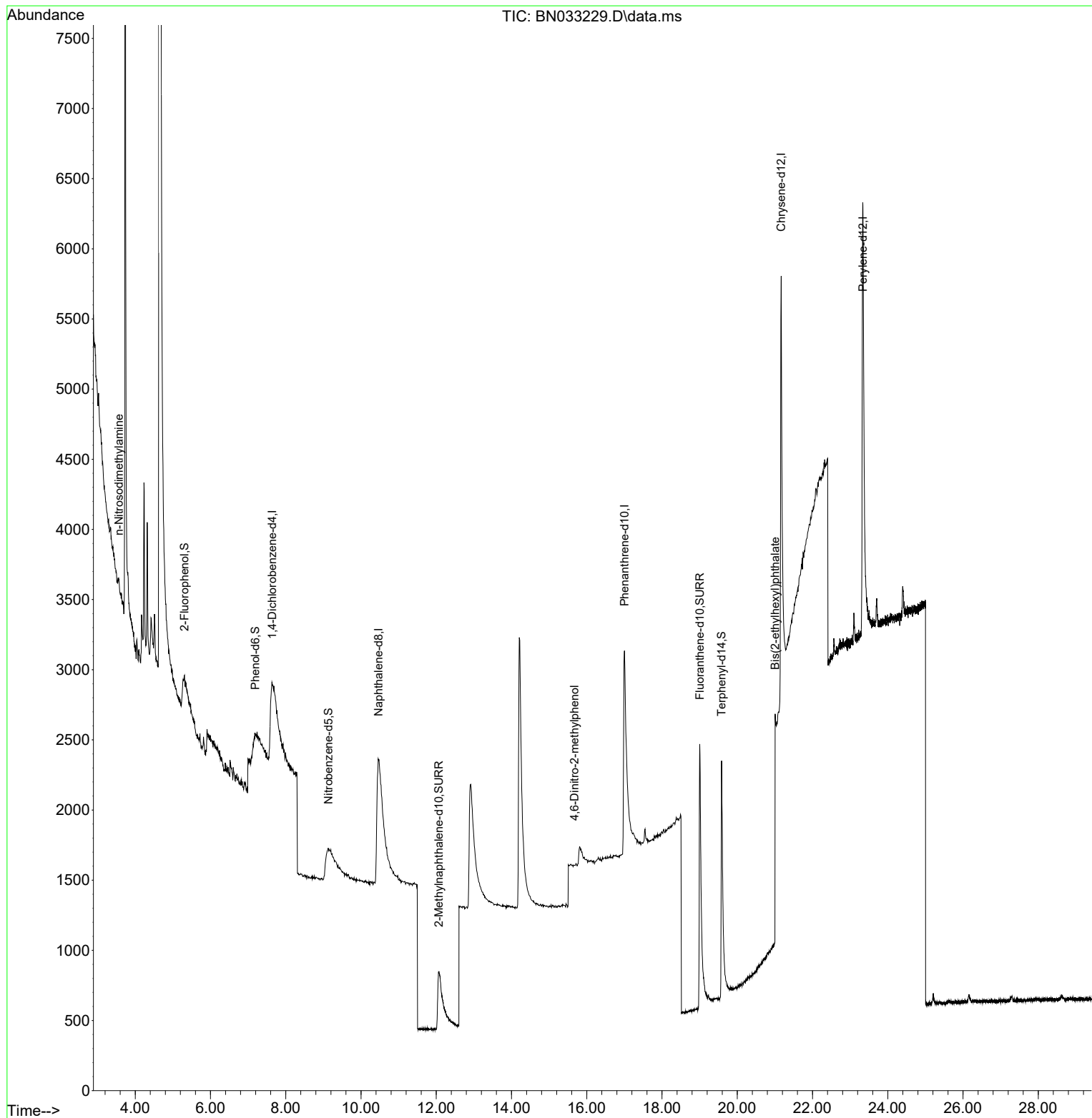
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	703	0.400	ng	# 0.14
7) Naphthalene-d8	10.468	136	7282	0.400	ng	# 0.18
13) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.14
19) Phenanthrene-d10	17.001	188	5719	0.400	ng	# 0.08
29) Chrysene-d12	21.167	240	6215	0.400	ng	0.03
35) Perylene-d12	23.336	264	7022	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	1476	0.830	ng	0.06
5) Phenol-d6	7.192	99	618	0.280	ng	0.31
8) Nitrobenzene-d5	9.134	82	1092	0.199	ng	0.32
11) 2-Methylnaphthalene-d10	12.067	152	2590	0.232	ng	0.17
14) 2,4,6-Tribromophenol	15.810	330	182	0.000	ng	0.09
15) 2-Fluorobiphenyl	12.914	172	3226	0.000	ng	0.12
27) Fluoranthene-d10	19.003	212	5471	0.370	ng	0.04
31) Terphenyl-d14	19.584	244	3938	0.309	ng	0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.566	42	68	0.092	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.673	198	3	0.296	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.006	149	1009	0.093	ng	# 95

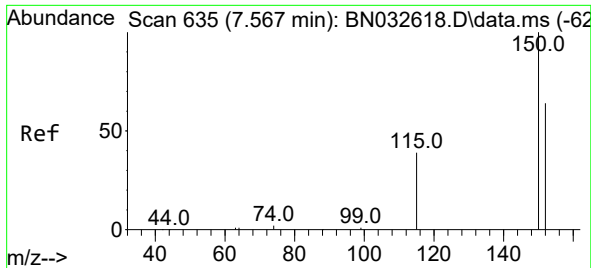
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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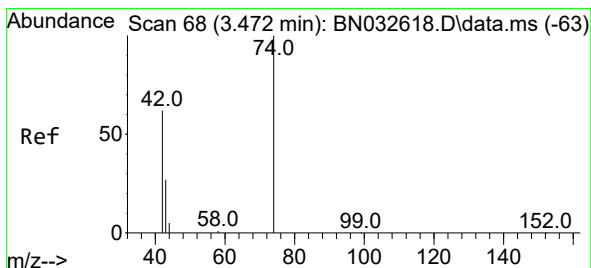
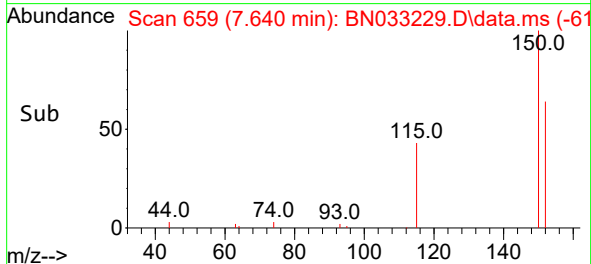
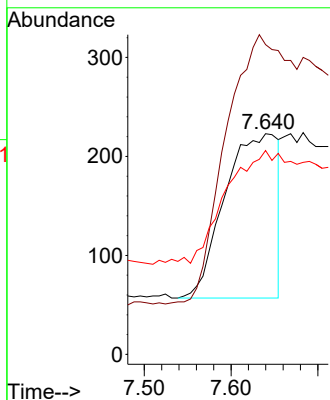
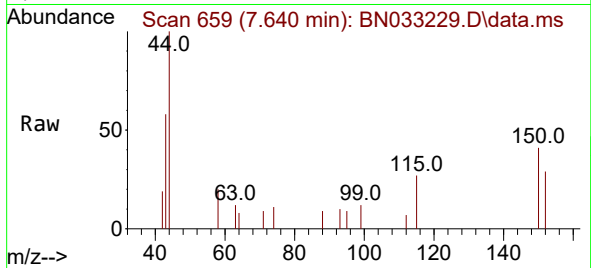




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.640 min Scan# 61
Delta R.T. 0.137 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

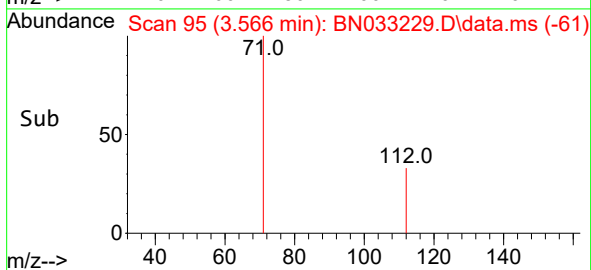
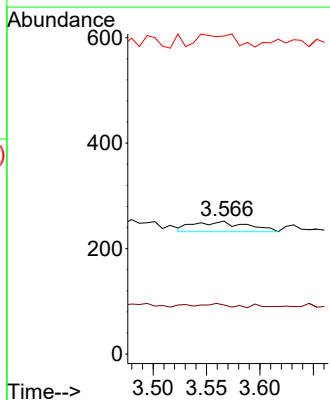
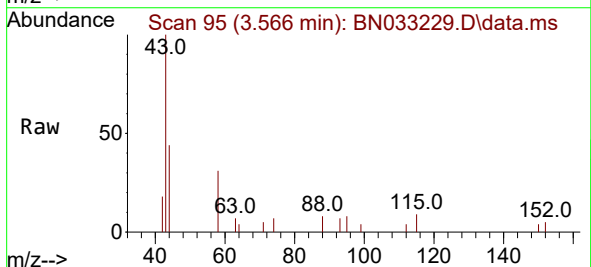
Instrument :
BNA_N
ClientSampleId :
PB162464BL

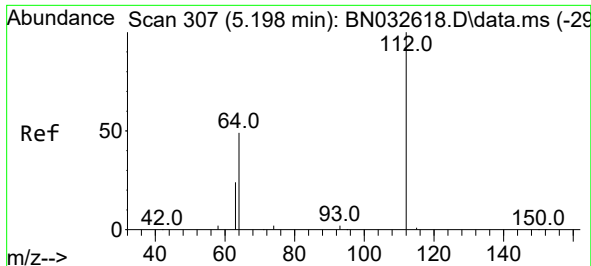
Tgt Ion:152 Resp: 703
Ion Ratio Lower Upper
152 100
150 140.4 123.8 185.6
115 92.4 52.8 79.2#



#3
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.566 min Scan# 95
Delta R.T. 0.094 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Tgt Ion: 42 Resp: 68
Ion Ratio Lower Upper
42 100
74 11.8 126.9 190.3#
44 0.0 4.8 7.2#

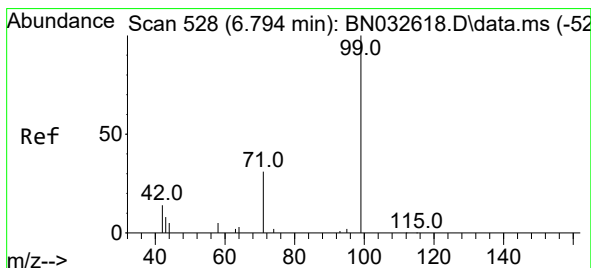
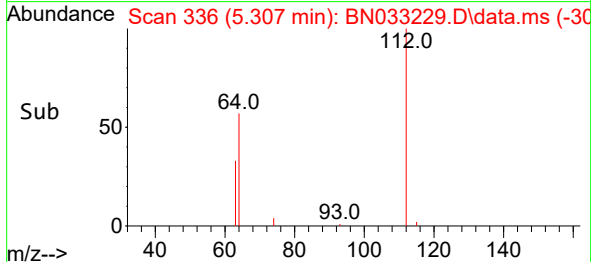
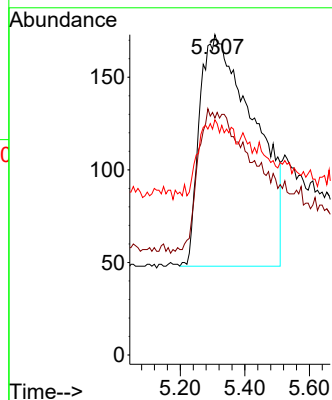
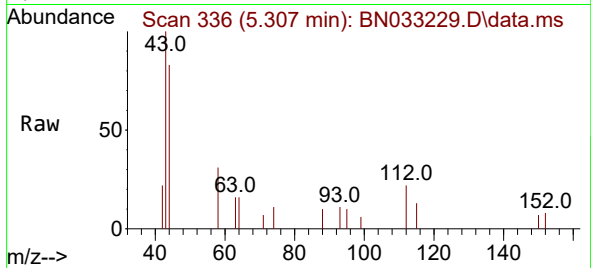




#4
2-Fluorophenol
Concen: 0.830 ng
RT: 5.307 min Scan# 311
Delta R.T. 0.065 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

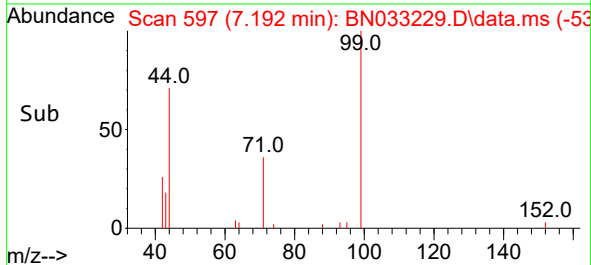
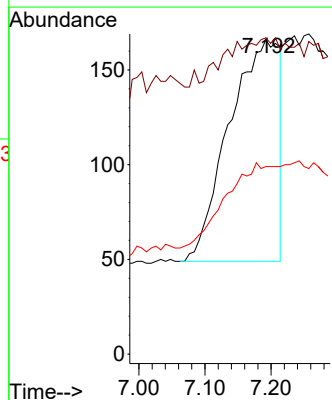
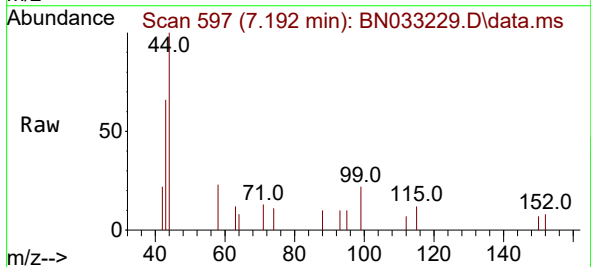
Instrument :
BNA_N
ClientSampleId :
PB162464BL

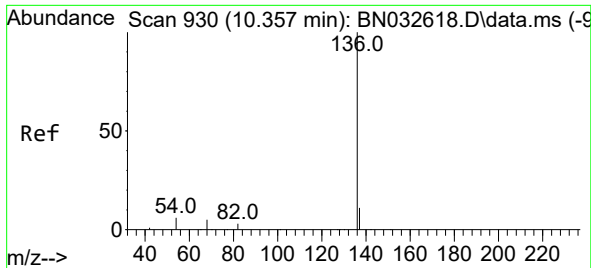
Tgt Ion:112 Resp: 1476
Ion Ratio Lower Upper
112 100
64 0.0 40.2 60.4#
63 0.0 22.2 33.4#



#5
Phenol-d6
Concen: 0.280 ng
RT: 7.192 min Scan# 597
Delta R.T. 0.310 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Tgt Ion: 99 Resp: 618
Ion Ratio Lower Upper
99 100
42 22.8 10.5 15.7#
71 30.7 22.3 33.5

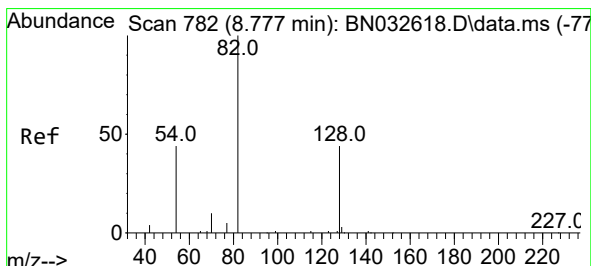
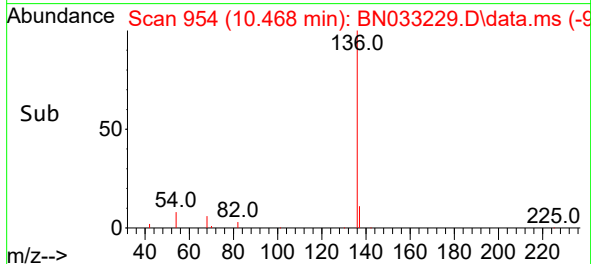
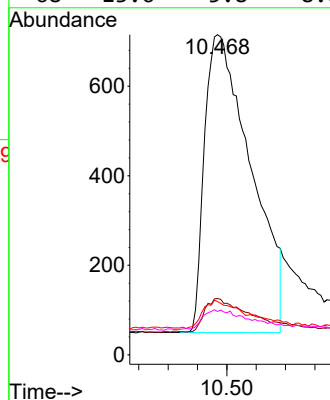
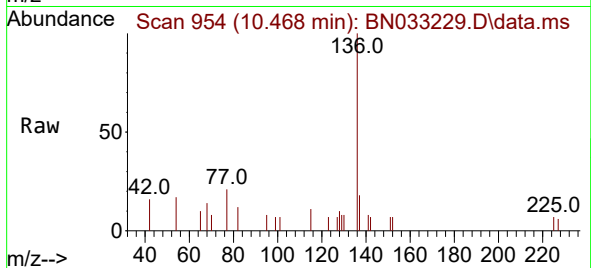




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.468 min Scan# 91
Delta R.T. 0.181 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

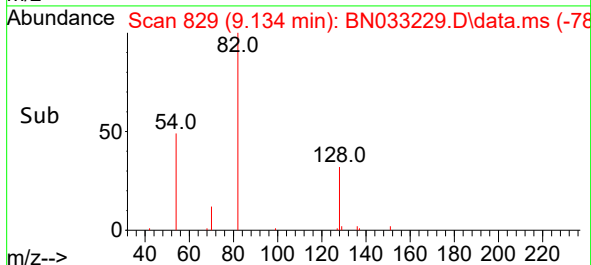
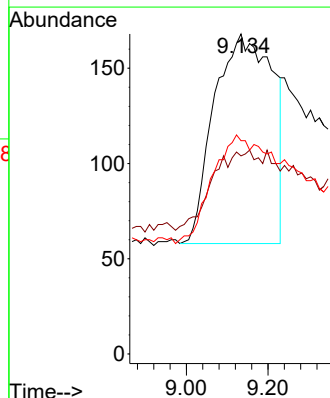
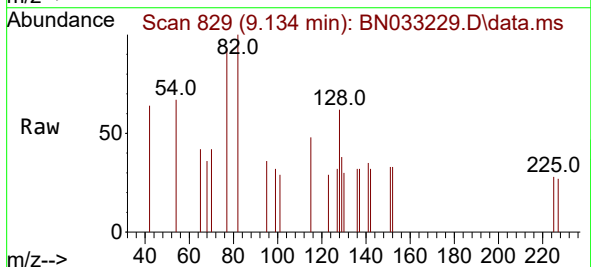
Instrument :
BNA_N
ClientSampleId :
PB162464BL

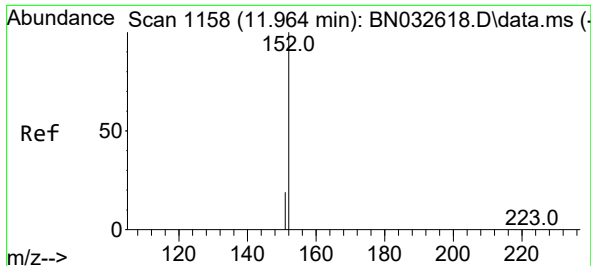
Tgt Ion:136 Resp: 7282
Ion Ratio Lower Upper
136 100
137 17.6 9.9 14.9#
54 16.6 6.5 9.7#
68 13.6 5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.199 ng
RT: 9.134 min Scan# 829
Delta R.T. 0.320 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Tgt Ion: 82 Resp: 1092
Ion Ratio Lower Upper
82 100
128 61.9 41.7 62.5
54 66.7 39.5 59.3#

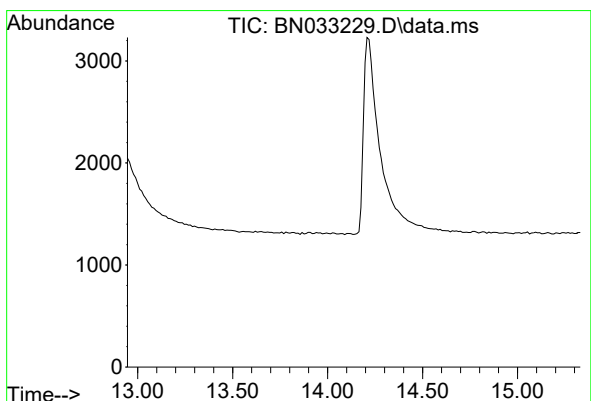
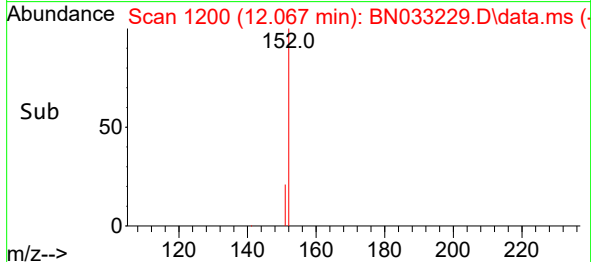
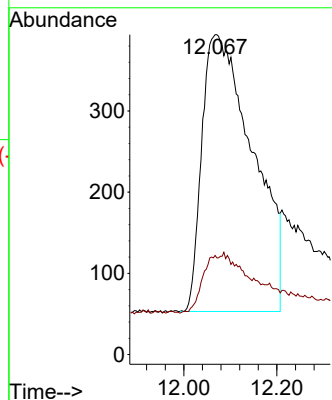
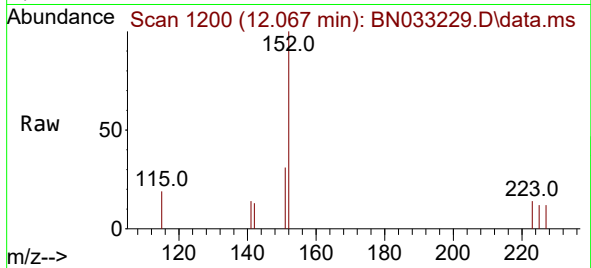




#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.067 min Scan# 11
Delta R.T. 0.166 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Instrument :
BNA_N
ClientSampleId :
PB162464BL

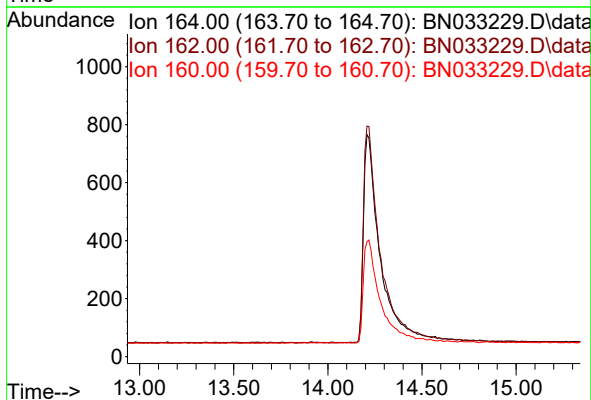
Tgt Ion:152 Resp: 2590
Ion Ratio Lower Upper
152 100
151 6.6 16.2 24.2#

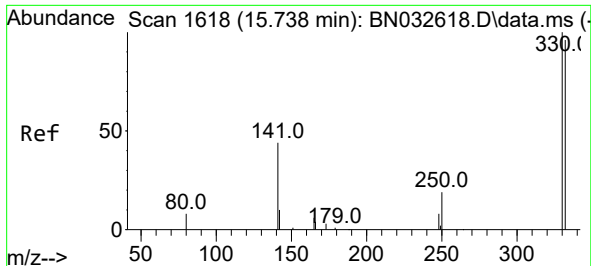


#13
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.14 min

Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Tgt Ion: 164
Sig Exp Ratio
164 100
162 106.2
160 49.3

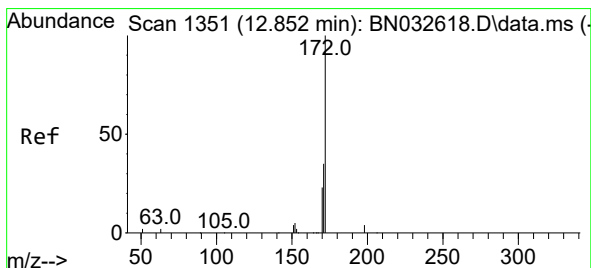
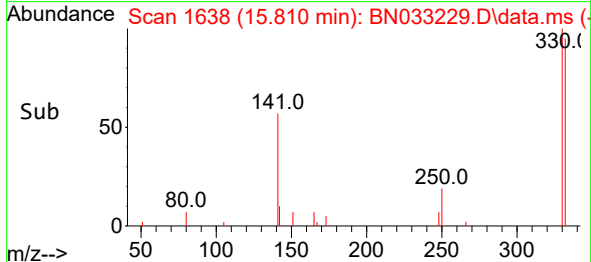
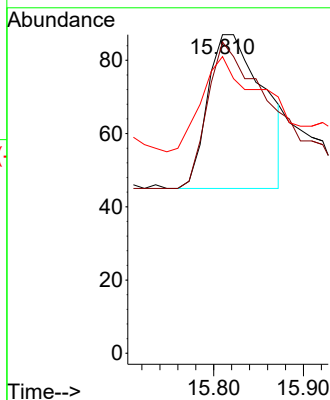
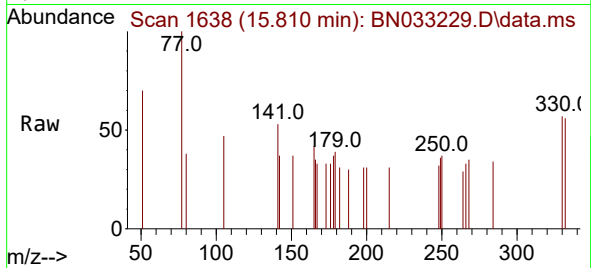




#14
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 15.810 min Scan# 1638
Delta R.T. 0.094 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

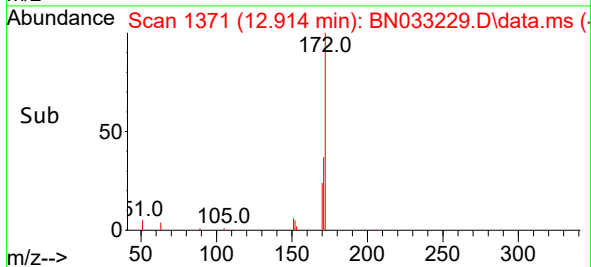
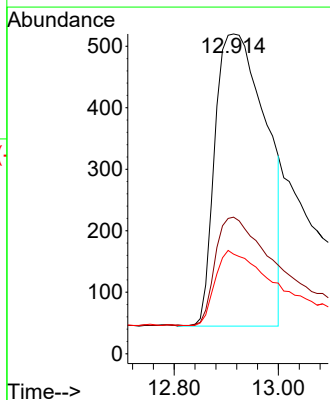
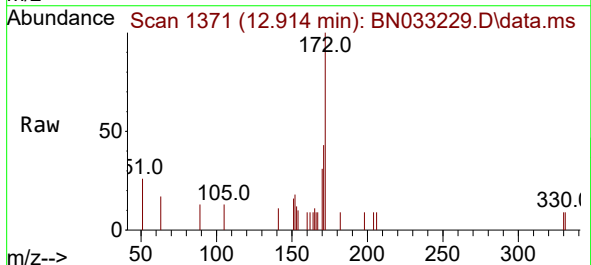
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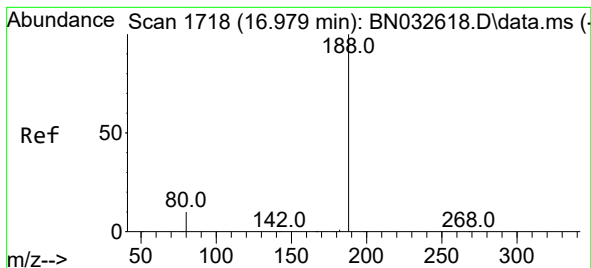
Tgt Ion:330 Resp: 182
Ion Ratio Lower Upper
330 100
332 92.3 77.8 116.8
141 63.2 34.2 51.2#



#15
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 12.914 min Scan# 1371
Delta R.T. 0.124 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Tgt Ion:172 Resp: 3226
Ion Ratio Lower Upper
172 100
171 42.7 28.6 43.0
170 31.2 19.0 28.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.001 min Scan# 11

Delta R.T. 0.081 min

Lab File: BN033229.D

Acq: 03 Aug 2024 09:11

Instrument :

BNA_N

ClientSampleId :

PB162464BL

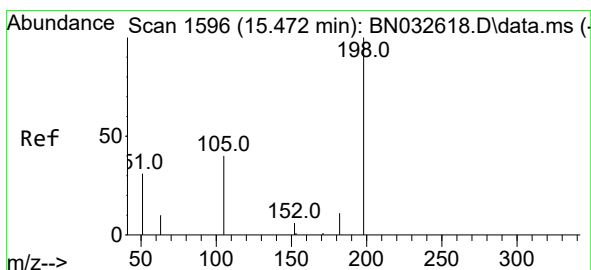
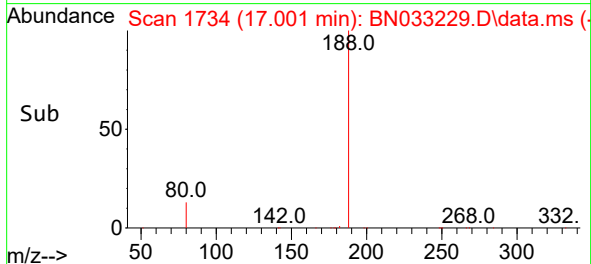
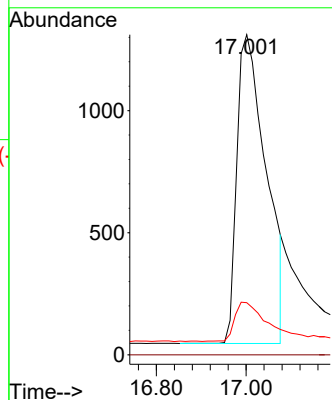
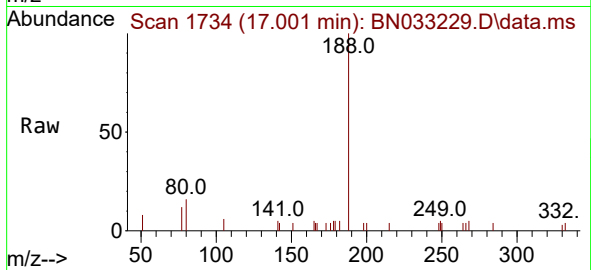
Tgt Ion:188 Resp: 5719

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.2 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.296 ng

RT: 15.673 min Scan# 1627

Delta R.T. 0.119 min

Lab File: BN033229.D

Acq: 03 Aug 2024 09:11

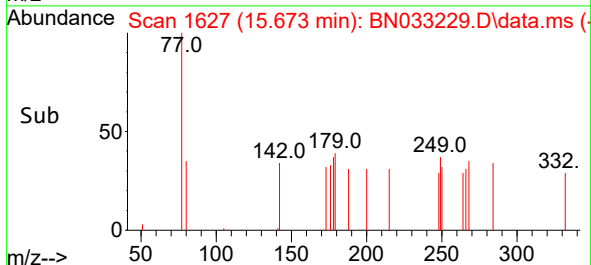
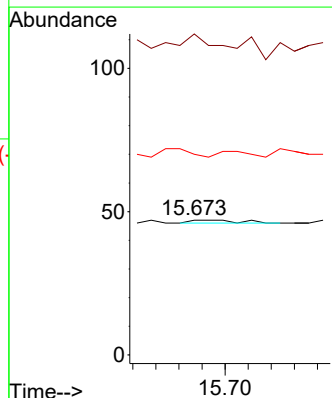
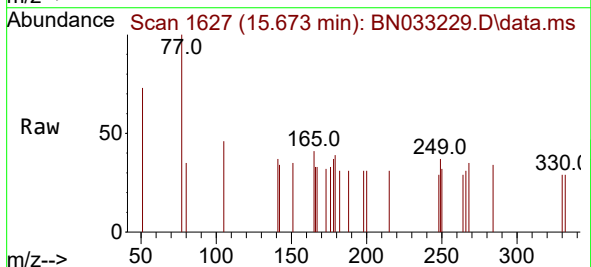
Tgt Ion:198 Resp: 3

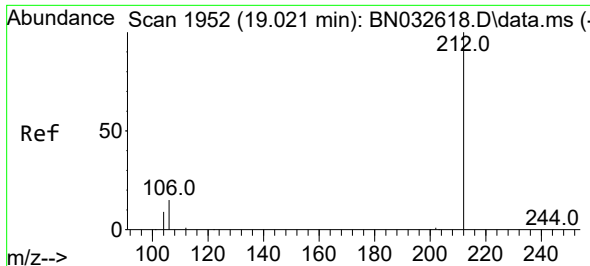
Ion Ratio Lower Upper

198 100

51 238.3 105.7 158.5#

105 148.9 63.0 94.6#

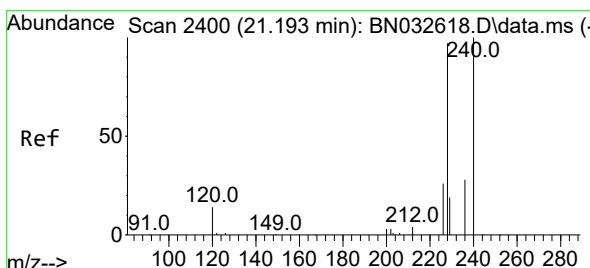
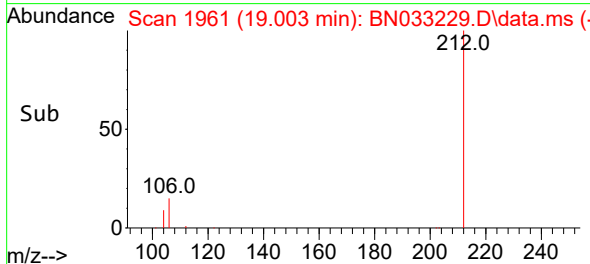
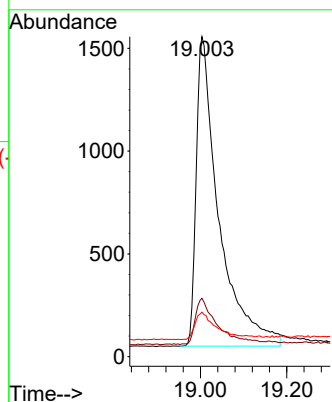
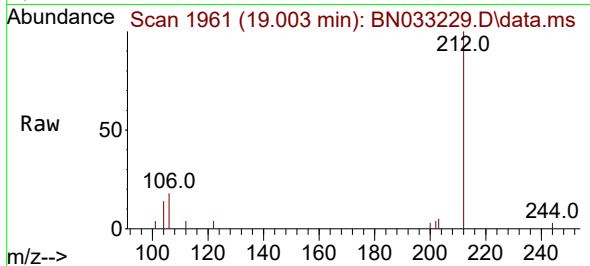




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.003 min Scan# 1952
Delta R.T. 0.044 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

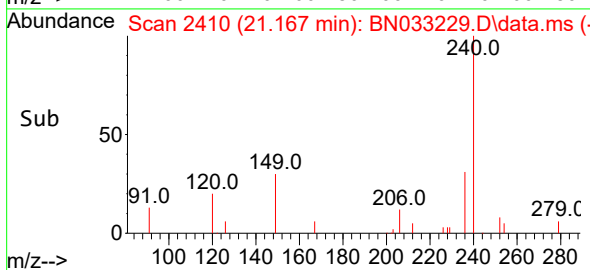
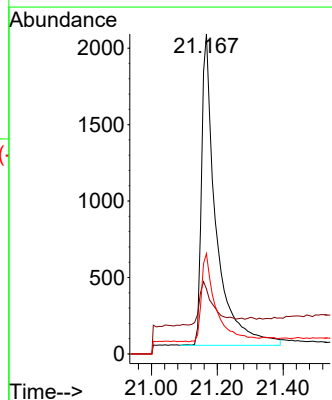
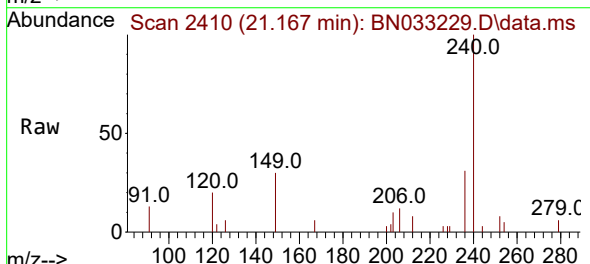
Instrument :
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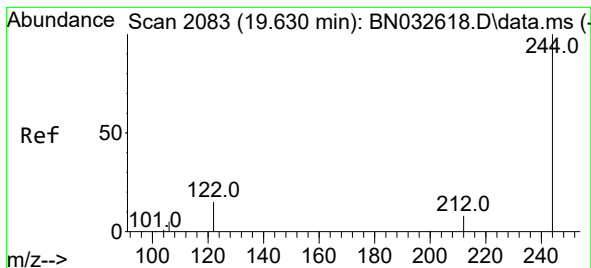
Tgt Ion:212 Resp: 5471
Ion Ratio Lower Upper
212 100
106 14.6 11.9 17.9
104 8.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.167 min Scan# 2410
Delta R.T. 0.033 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Tgt Ion:240 Resp: 6215
Ion Ratio Lower Upper
240 100
120 20.4 14.8 22.2
236 31.3 23.3 34.9





#31

Terphenyl-d14

Concen: 0.309 ng

RT: 19.584 min Scan# 2083

Delta R.T. 0.021 min

Lab File: BN033229.D

Acq: 03 Aug 2024 09:11

Instrument :

BNA_N

ClientSampleId :

PB162464BL

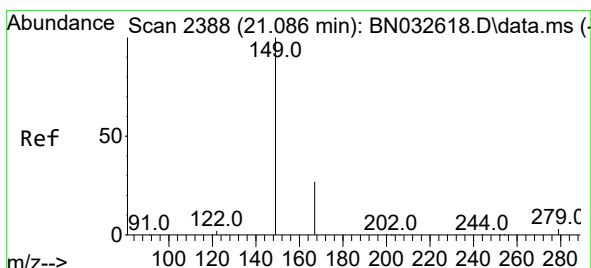
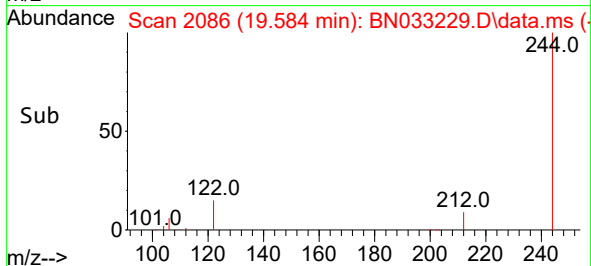
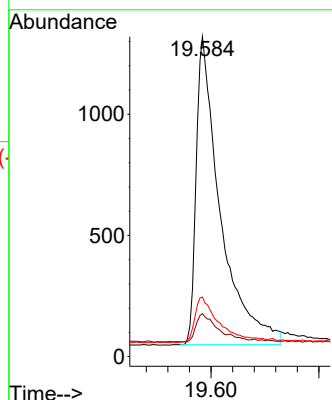
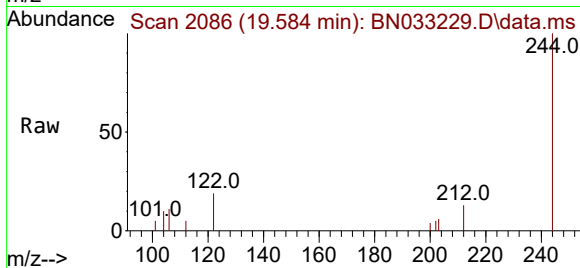
Tgt Ion:244 Resp: 3938

Ion Ratio Lower Upper

244 100

212 13.4 7.5 11.3#

122 18.6 12.6 19.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.006 min Scan# 2392

Delta R.T. -0.002 min

Lab File: BN033229.D

Acq: 03 Aug 2024 09:11

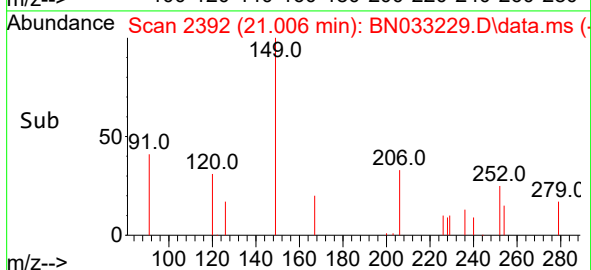
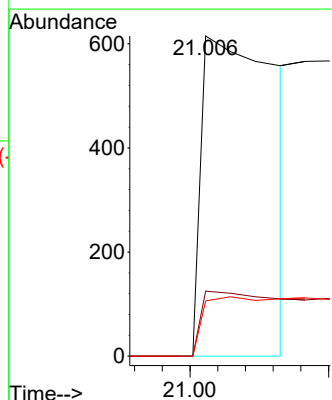
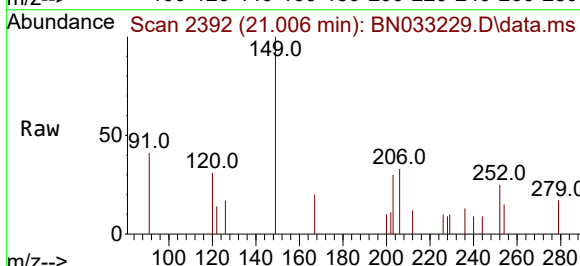
Tgt Ion:149 Resp: 1009

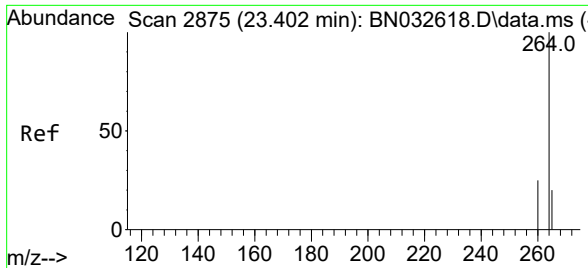
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.2

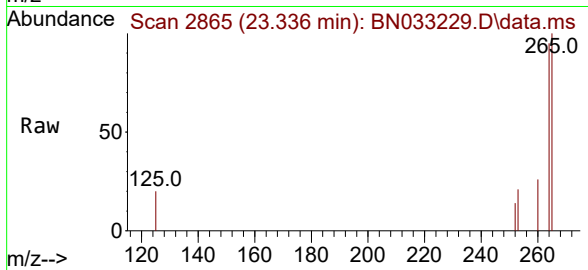
279 13.2 2.8 4.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.336 min Scan# 21
Delta R.T. 0.021 min
Lab File: BN033229.D
Acq: 03 Aug 2024 09:11

Instrument :
BNA_N
ClientSampleId :
PB162464BL



Tgt Ion:264 Resp: 7022

Ion	Ratio	Lower	Upper
264	100		
260	27.7	20.9	31.3
265	105.3	85.4	128.2

