

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017733.D
 Acq On : 06 Dec 2021 16:17
 Operator : CG/JU
 Sample : PB141179BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141179BL

Quant Time: Dec 06 16:56:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

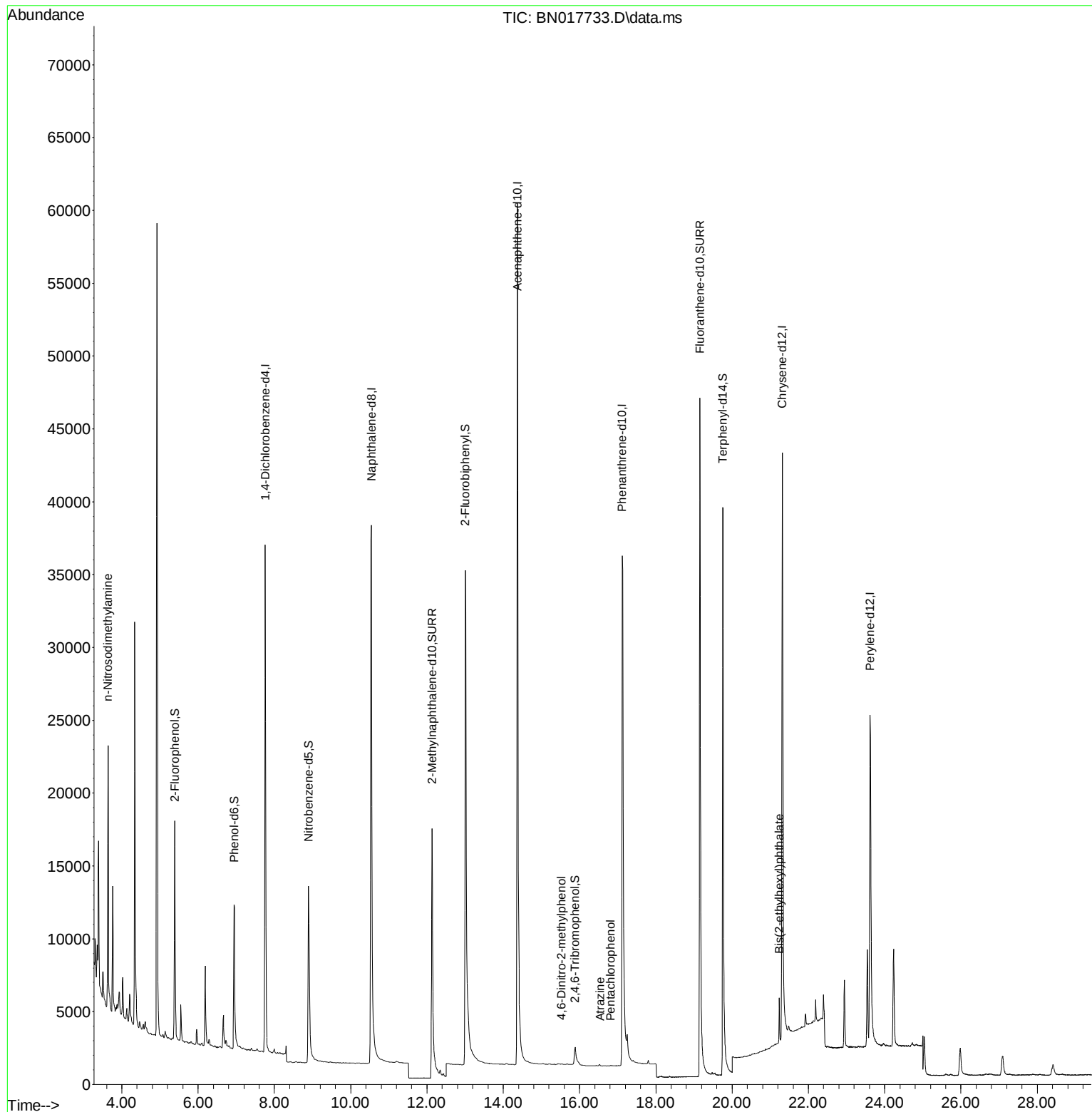
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	18370	0.400	ng	0.00
7) Naphthalene-d8	10.545	136	72937	0.400	ng	0.01
13) Acenaphthene-d10	14.373	164	44469	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	86808	0.400	ng	# 0.00
29) Chrysene-d12	21.314	240	57663	0.400	ng	# 0.01
35) Perylene-d12	23.620	264	40032	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	12483	0.317	ng	0.04
5) Phenol-d6	6.950	99	11033	0.261	ng	0.02
8) Nitrobenzene-d5	8.897	82	13639	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.134	152	36596	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	1902	0.207	ng	0.01
15) 2-Fluorobiphenyl	13.003	172	46541	0.283	ng	0.00
27) Fluoranthene-d10	19.154	212	78628	0.269	ng	0.00
31) Terphenyl-d14	19.760	244	59977	0.405	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.639	42	1266	0.073	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.527	198	8	0.112	ng	# 1
23) Atrazine	16.545	200	7	0.098	ng	# 1
24) Pentachlorophenol	16.813	266	40	0.163	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.240	149	3280	0.036	ng	# 97

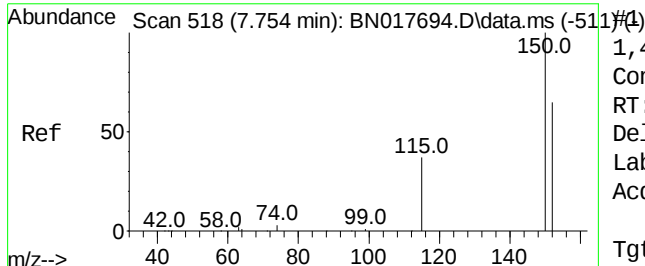
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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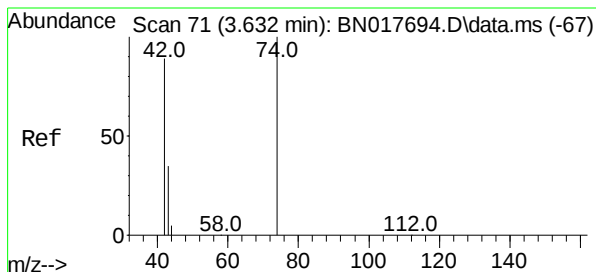
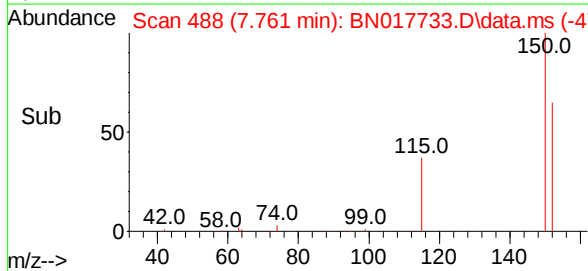
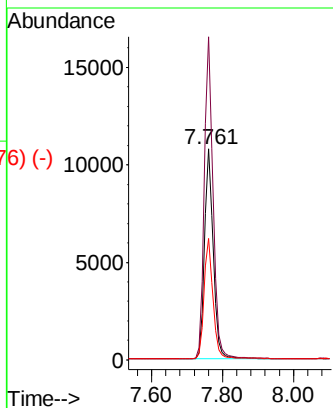
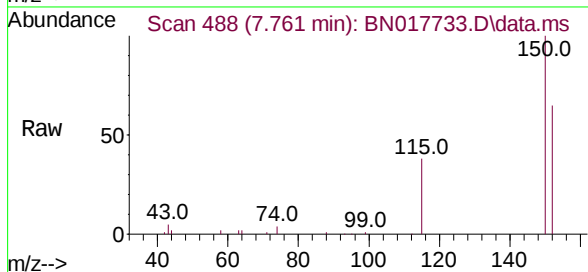




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017733.D
 Acq: 06 Dec 2021 16:17

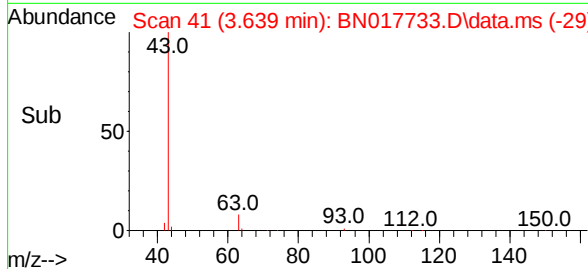
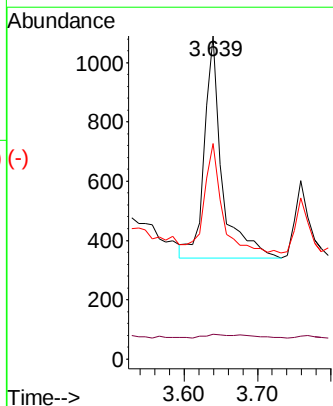
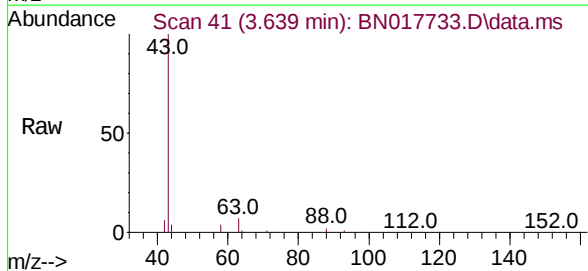
Instrument :
 BNA_N
 ClientSampleId :
 PB141179BL

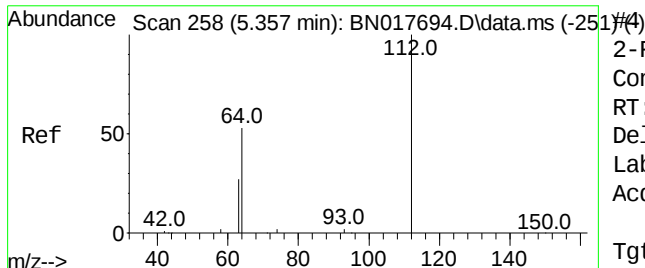
Tgt Ion:	152	Resp:	18370
Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.0	184.4
115	57.6	45.6	68.4



n-Nitrosodimethylamine
 Concen: 0.073 ng
 RT: 3.639 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017733.D
 Acq: 06 Dec 2021 16:17

Tgt Ion:	42	Resp:	1266
Ion	Ratio	Lower	Upper
42	100		
74	1.9	97.8	146.6#
44	47.8	5.5	8.3#





2-Fluorophenol

Concen: 0.317 ng

RT: 5.391 min Scan# 41

Delta R.T. 0.037 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

Instrument :

BNA_N

ClientSampleId :

PB141179BL

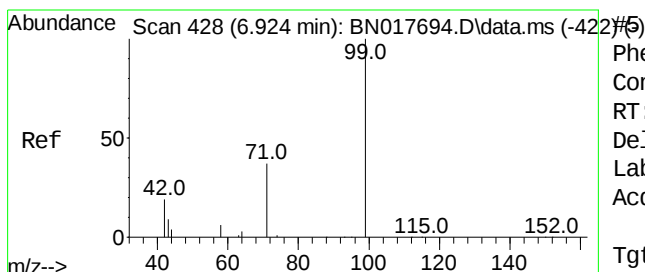
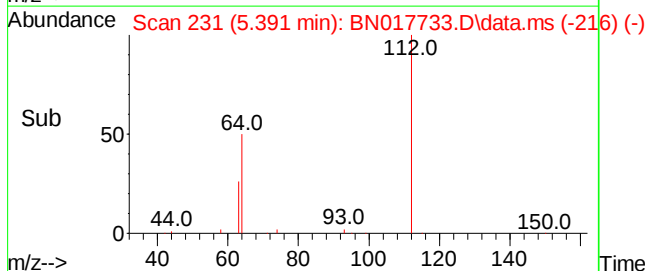
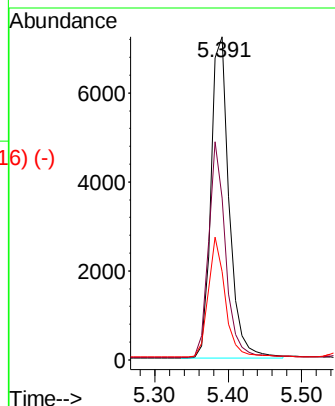
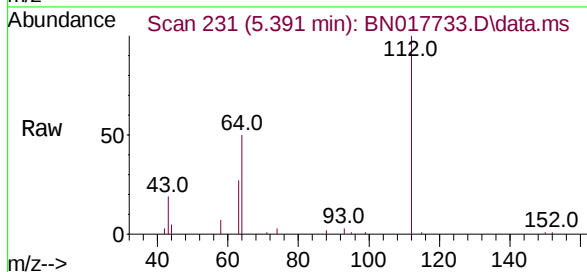
Tgt Ion:112 Resp: 12483

Ion Ratio Lower Upper

112 100

64 62.4 47.6 71.4

63 34.7 24.6 37.0



Phenol-d6

Concen: 0.261 ng

RT: 6.950 min Scan# 400

Delta R.T. 0.018 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

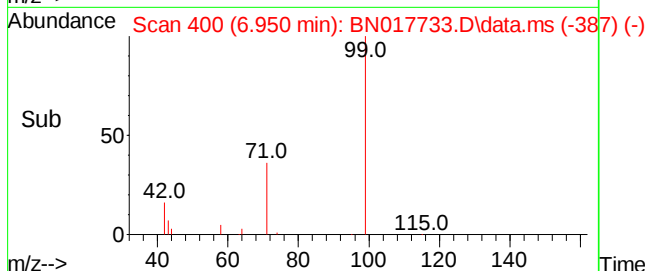
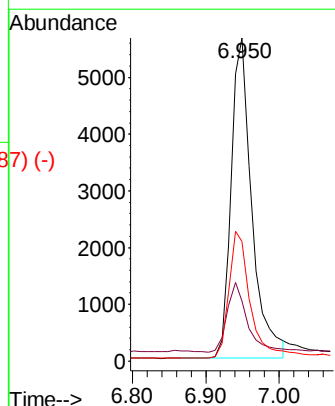
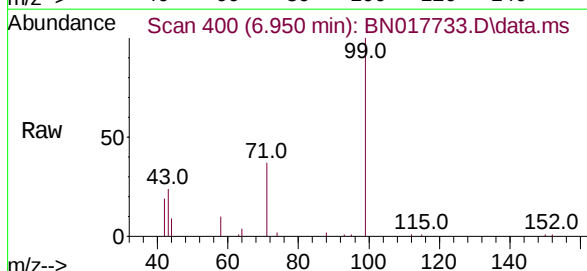
Tgt Ion: 99 Resp: 11033

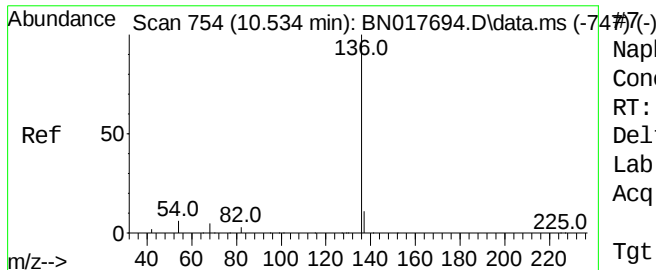
Ion Ratio Lower Upper

99 100

42 21.0 17.0 25.6

71 40.0 24.8 37.2#





Naphthalene-d8

Concen: 0.400 ng

RT: 10.545 min Scan#

Delta R.T. 0.012 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

Instrument :

BNA_N

ClientSampleId :

PB141179BL

Tgt Ion:136 Resp: 72937

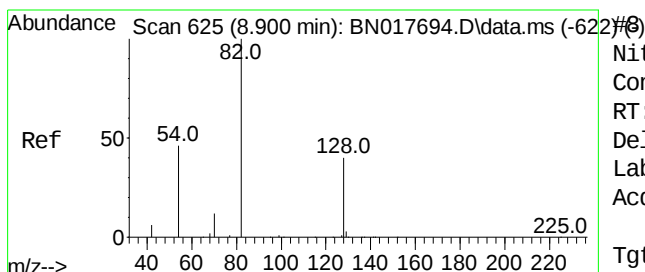
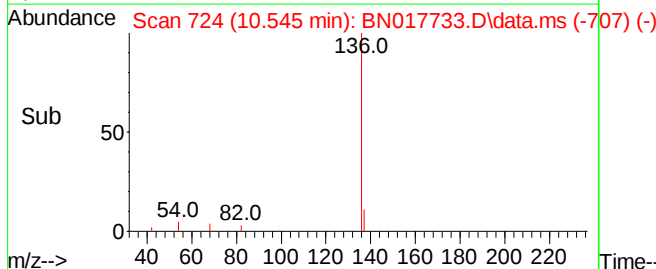
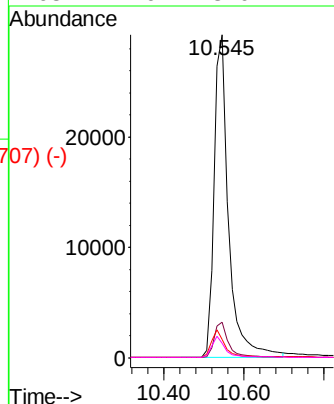
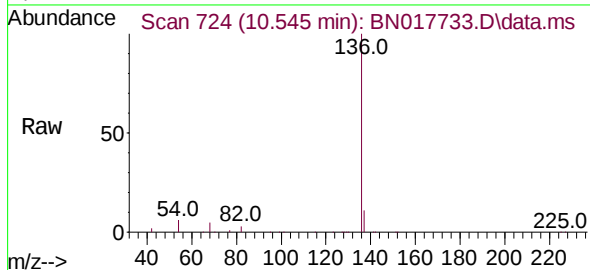
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.7 4.0 6.0

68 4.6 3.0 4.6



Nitrobenzene-d5

Concen: 0.277 ng

RT: 8.897 min Scan# 594

Delta R.T. -0.000 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

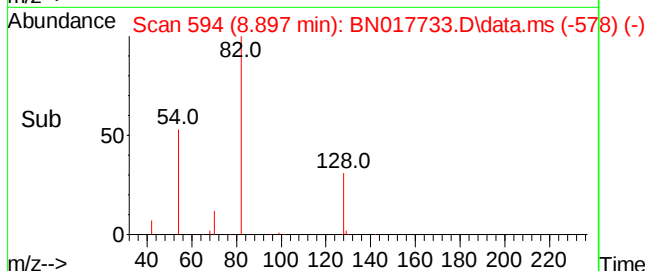
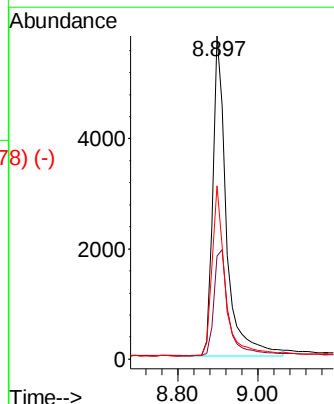
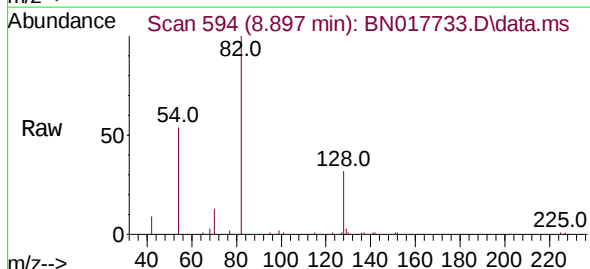
Tgt Ion: 82 Resp: 13639

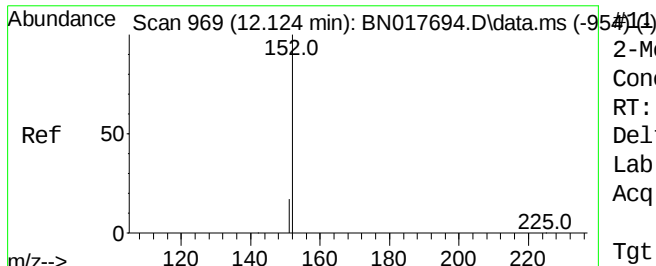
Ion Ratio Lower Upper

82 100

128 31.8 27.7 41.5

54 53.6 49.2 73.8

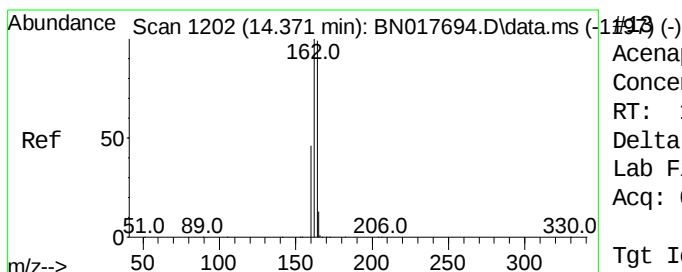
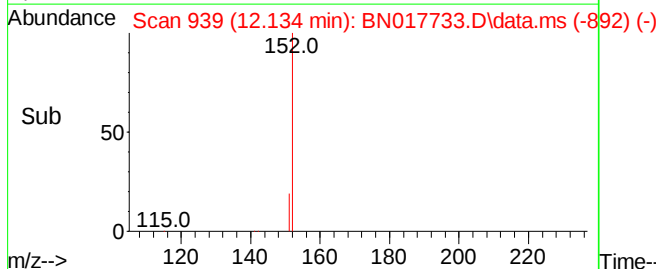
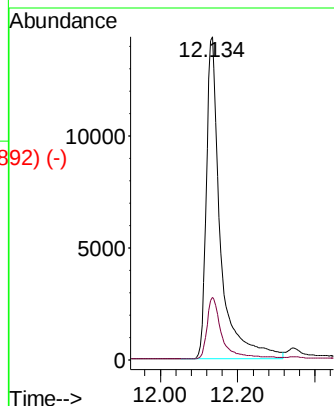
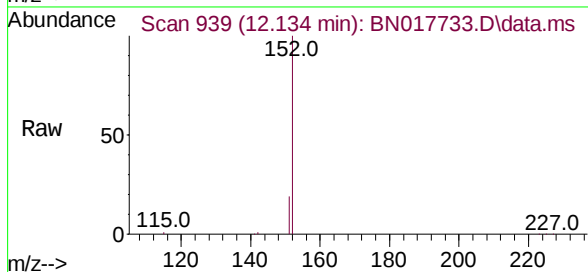




2-Methylnaphthalene-d10
 Concen: 0.274 ng
 RT: 12.134 min Scan# 939
 Delta R.T. 0.009 min
 Lab File: BN017733.D
 Acq: 06 Dec 2021 16:17

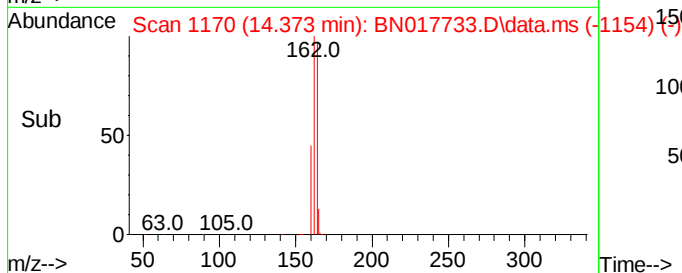
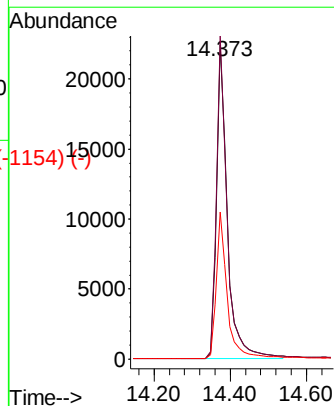
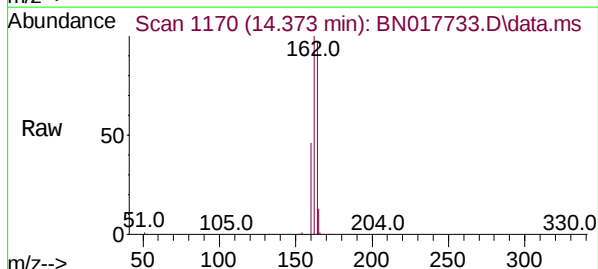
Instrument :
 BNA_N
 ClientSampleId :
 PB141179BL

Tgt Ion:152 Resp: 36596
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.373 min Scan# 1170
 Delta R.T. -0.000 min
 Lab File: BN017733.D
 Acq: 06 Dec 2021 16:17

Tgt Ion:164 Resp: 44469
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.2
 160 46.8 36.8 55.2



Abundance Scan 1320 (15.868 min): BN017694.D\data.ms (-1315) (-)

2,4,6-Tribromophenol

Concen: 0.207 ng

RT: 15.883 min Scan# 1289

Delta R.T. 0.013 min

Lab File: BN017733.D

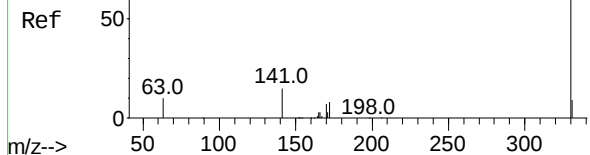
Acq: 06 Dec 2021 16:17

Instrument :

BNA_N

ClientSampleId :

PB141179BL



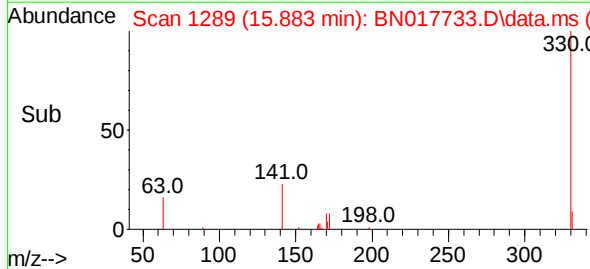
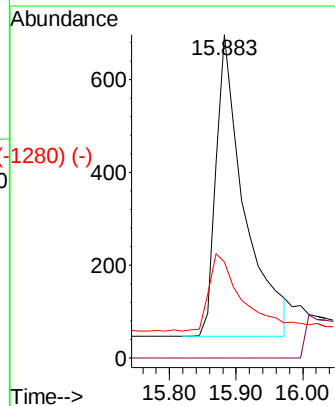
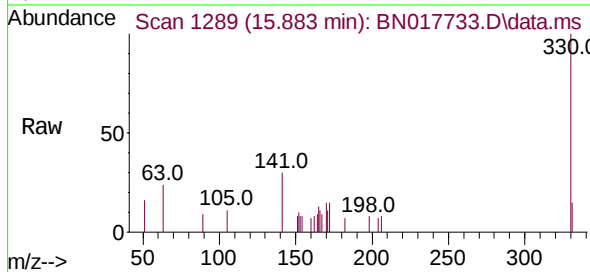
Tgt Ion:330 Resp: 1902

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 29.4 28.9 43.3



Abundance Scan 1094 (13.001 min): BN017694.D\data.ms (-1095) (-)

2-Fluorobiphenyl

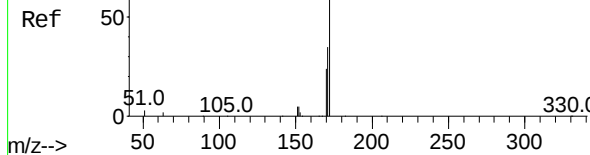
Concen: 0.283 ng

RT: 13.003 min Scan# 1062

Delta R.T. -0.000 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17



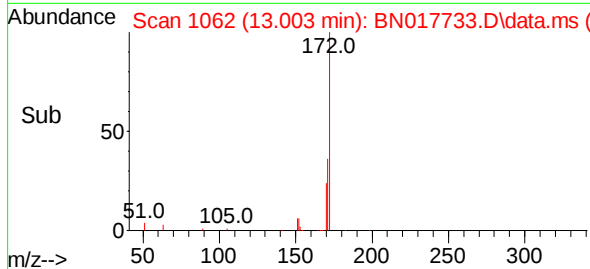
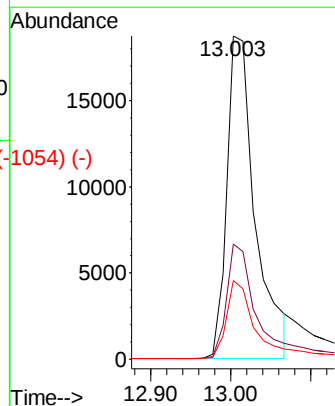
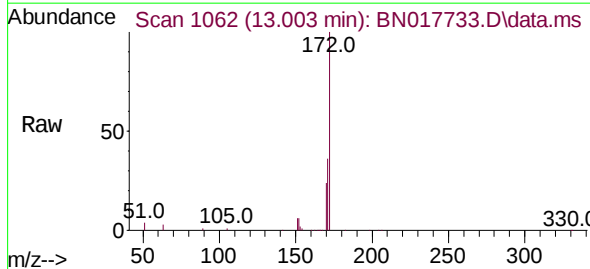
Tgt Ion:172 Resp: 46541

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 24.3 19.4 29.2



Abundance Scan 1422 (17.116 min): BN017694.D\data.ms (-1419) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.117 min Scan# 1419

Delta R.T. -0.000 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

Instrument :

BNA_N

ClientSampleId :

PB141179BL

Tgt Ion:188 Resp: 86808

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 6.1 9.1#

Abundance Scan 1390 (17.117 min): BN017733.D\data.ms

Raw

80.0 151.0 188.0 266.0 332.0

m/z-->

Abundance Scan 1390 (17.117 min): BN017733.D\data.ms (-1374) (-)

Sub

80.0 151.0 188.0 249.0 284.0

m/z-->

Abundance

30000 17.117

20000

10000

0

Time-->

Abundance Scan 1292 (15.513 min): BN017694.D\data.ms (-1286) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.112 ng

RT: 15.527 min Scan# 1261

Delta R.T. 0.012 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

198 100

182 96.1 11.4 17.2#

77 0.0 0.0 0.0

Abundance Scan 1261 (15.527 min): BN017733.D\data.ms

Raw

51.0 105.0 165.0 206.0 330.0

m/z-->

Abundance Scan 1261 (15.527 min): BN017733.D\data.ms (-1252) (-)

Sub

51.0 141.0 182.0

m/z-->

Abundance

50 15.527

40

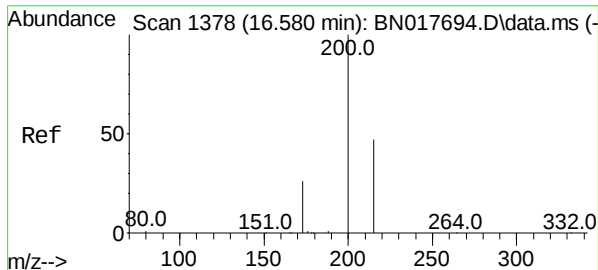
30

20

10

0

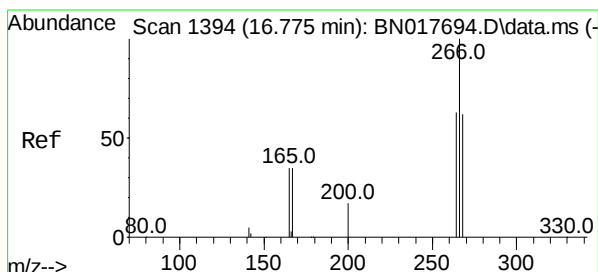
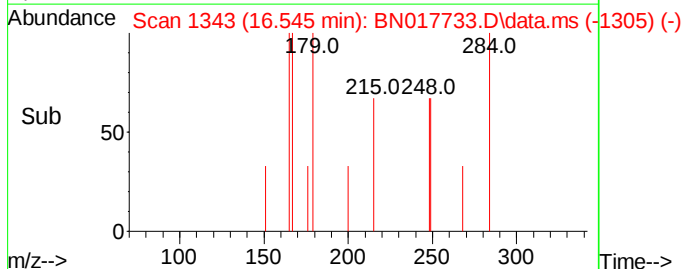
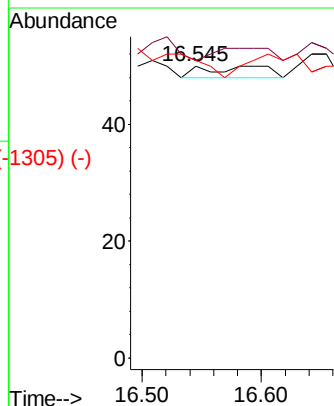
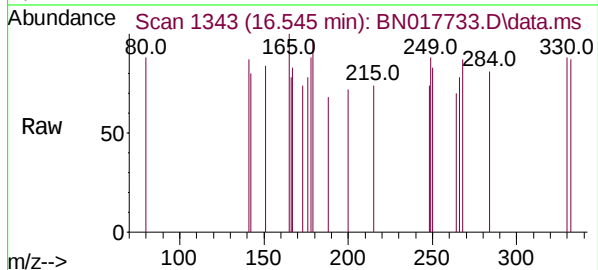
Time-->



Atrazine
Concen: 0.098 ng
RT: 16.545 min Scan# 1343
Delta R.T. -0.037 min
Lab File: BN017733.D
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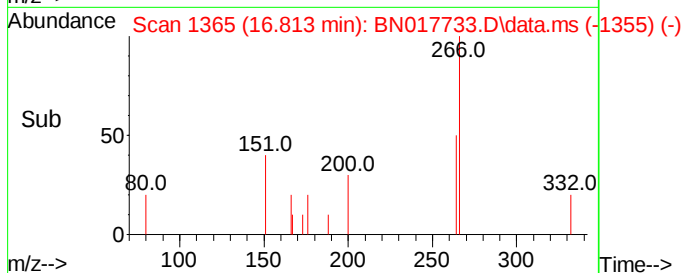
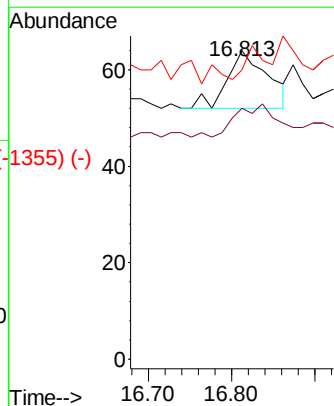
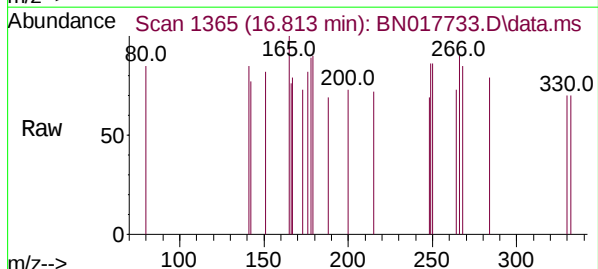
Instrument :
BNA_N
ClientSampleId :
PB141179BL

Tgt Ion:200 Resp: 7
Ion Ratio Lower Upper
200 100
173 102.0 17.6 26.4#
215 102.0 40.2 60.4#

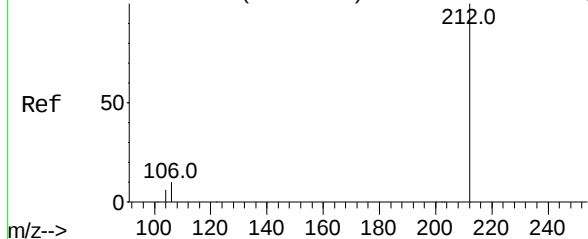


Pentachlorophenol
Concen: 0.163 ng
RT: 16.813 min Scan# 1365
Delta R.T. 0.024 min
Lab File: BN017733.D
Acq: 06 Dec 2021 16:17

Tgt Ion:266 Resp: 40
Ion Ratio Lower Upper
266 100
264 0.0 49.8 74.8#
268 30.0 51.3 76.9#



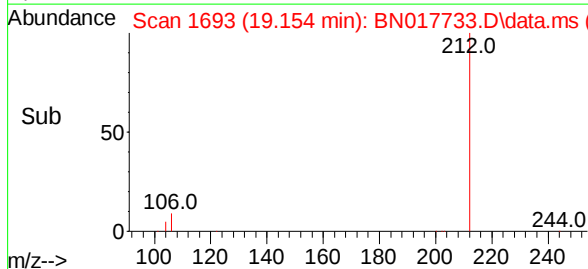
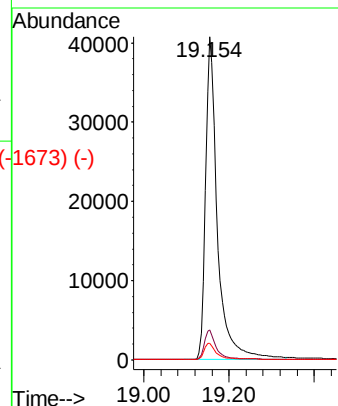
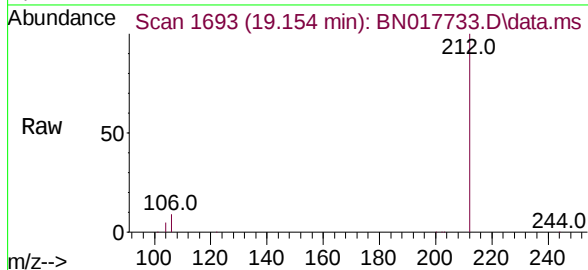
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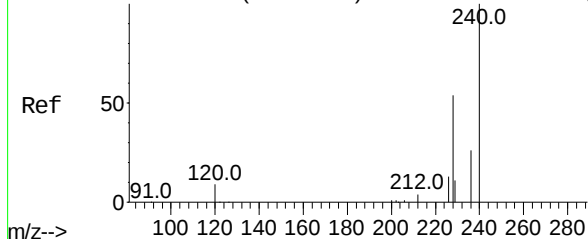
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.154 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN017733.D
Acq: 06 Dec 2021 16:17

Instrument :
BNA_N
ClientSampleId :
PB141179BL

Tgt Ion:	212	Resp:	78628
Ion Ratio	Lower	Upper	
212	100		
106	9.2	10.5	15.7#
104	5.2	5.8	8.6#

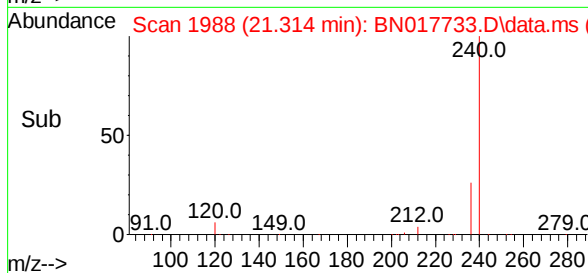
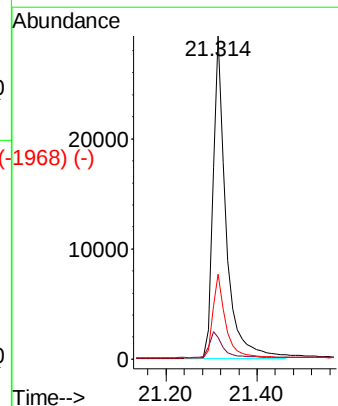
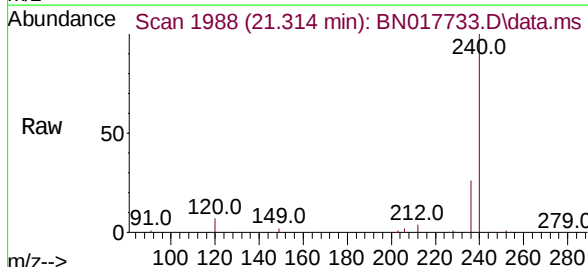


Abundance Scan 2019 (21.303 min): BN017694.D\data.ms (-2019) (-)



Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 1988
Delta R.T. 0.010 min
Lab File: BN017733.D
Acq: 06 Dec 2021 16:17

Tgt Ion:	240	Resp:	57663
Ion Ratio	Lower	Upper	
240	100		
120	6.6	4.2	6.2#
236	26.3	20.0	30.0



Abundance Scan 1846 (19.754 min): BN017694.D\data.ms (-1833) (-)

Terphenyl-d14

Concen: 0.405 ng

RT: 19.760 min Scan# 1846

Delta R.T. 0.005 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

Instrument :

BNA_N

ClientSampleId :

PB141179BL

Tgt Ion:244 Resp: 59977

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 8.1 8.6 13.0#

Abundance Scan 1815 (19.760 min): BN017733.D\data.ms

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.760

30000

20000

10000

0

Time-->

Abundance Scan 1815 (19.760 min): BN017733.D\data.ms (-1784) (-)

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 2034 (21.239 min): BN017694.D\data.ms (-2034) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.240 min Scan# 1981

Delta R.T. 0.010 min

Lab File: BN017733.D

Acq: 06 Dec 2021 16:17

Tgt Ion:149 Resp: 3280

Ion Ratio Lower Upper

149 100

167 28.6 21.8 32.6

279 5.2 3.4 5.0#

Abundance Scan 1981 (21.240 min): BN017733.D\data.ms

Ref 50

91.0 120.0 149.0 206.0 252.0 279.0

m/z-->

Raw 50

91.0 120.0 149.0 206.0 252.0 279.0

m/z-->

Sub 50

91.0 120.0 149.0 206.0 254.0 279.0

m/z-->

Abundance

21.240

2500

2000

1500

1000

500

0

Time-->

Abundance Scan 1981 (21.240 min): BN017733.D\data.ms (-1971) (-)

Ref 50

91.0 120.0 149.0 206.0 254.0 279.0

m/z-->

Raw 50

91.0 120.0 149.0 206.0 254.0 279.0

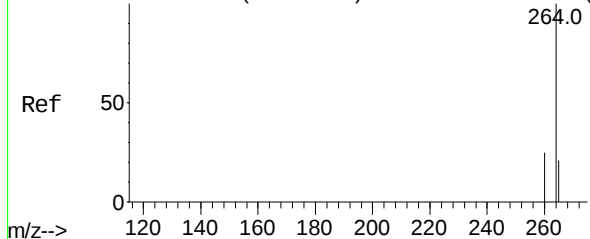
m/z-->

Sub 50

91.0 120.0 149.0 206.0 254.0 279.0

m/z-->

Abundance Scan 2476 (23.616 min): BN017694.D\data.ms (-2435) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.620 min Scan# 1

Delta R.T. 0.007 min

Lab File: BN017733.D

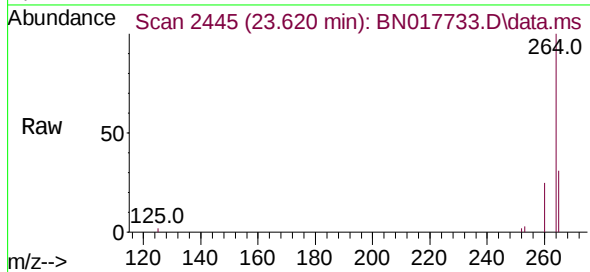
Acq: 06 Dec 2021 16:17

Instrument :

BNA_N

ClientSampleId :

PB141179BL



Tgt Ion:264 Resp: 40032

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 30.9 18.6 28.0#

