

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011519.D
 Acq On : 19 Aug 2020 16:43
 Operator : CG/JU
 Sample : PB131047BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BL

Quant Time: Aug 19 17:17:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 15:54:57 2020
 Response via : Initial Calibration

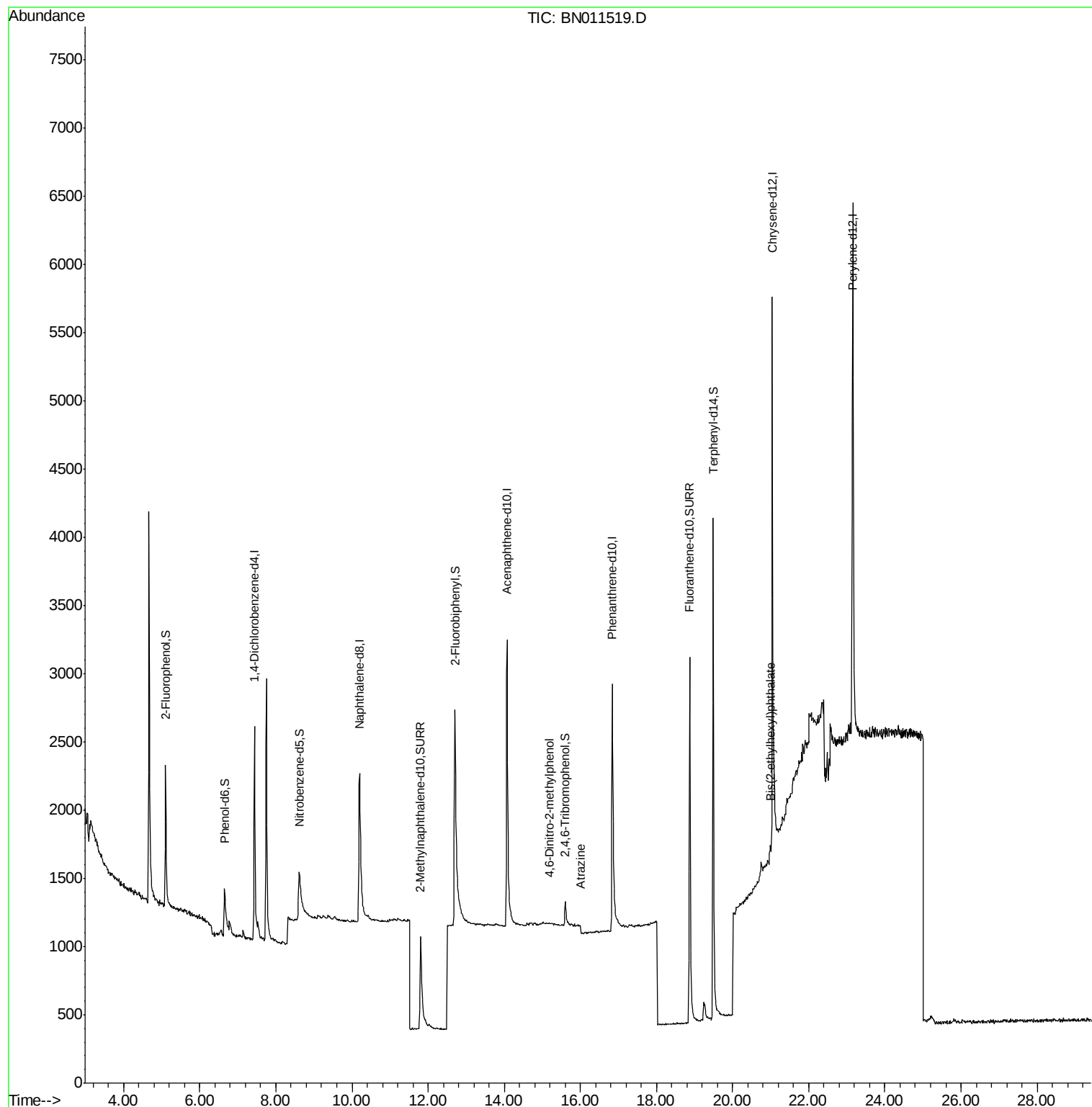
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1073	0.40	ng	0.00
7) Naphthalene-d8	10.20	136	3369	0.40	ng	0.03
13) Acenaphthene-d10	14.08	164	2105	0.40	ng	0.01
19) Phenanthrene-d10	16.83	188	4697	0.40	ng	0.01
29) Chrysene-d12	21.05	240	5101	0.40	ng	0.00
36) Perylene-d12	23.16	264	5884	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	1146	0.46	ng	0.00
5) Phenol-d6	6.65	99	877	0.30	ng	0.00
8) Nitrobenzene-d5	8.62	82	949	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	11.80	152	2148	0.34	ng	0.02
14) 2,4,6-Tribromophenol	15.60	330	276	0.29	ng	0.03
15) 2-Fluorobiphenyl	12.71	172	3240	0.35	ng	0.03
27) Fluoranthene-d10	18.87	212	4574	0.32	ng	0.00
31) Terphenyl-d14	19.49	244	5225	0.46	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.18	198	1	0.214	ng	# 45
23) Atrazine	16.02	200	168	0.074	ng	# 11
34) Bis(2-ethylhexyl)phthalate	20.99	149	137	0.025	ng	# 61

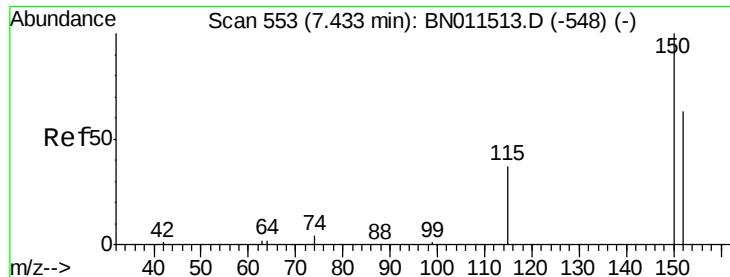
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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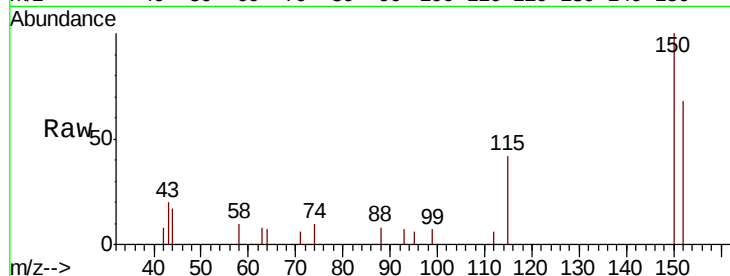


#1

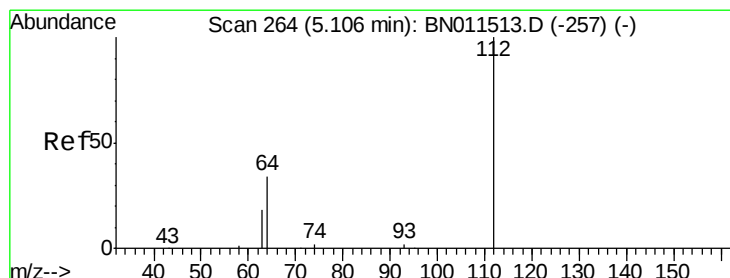
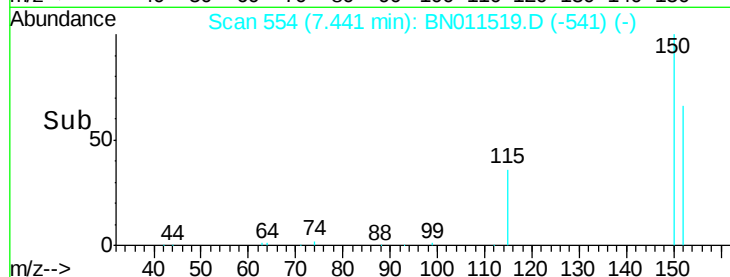
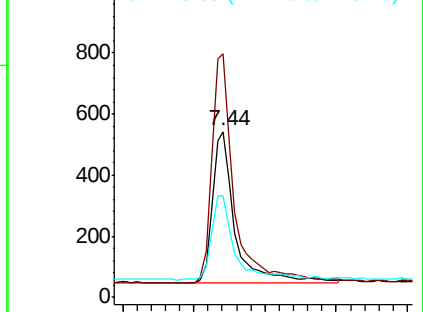
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.44 min Scan# 554
Delta R.T. 0.01 min
Lab File: BN011519.D
Acq: 19 Aug 2020 16:43

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tot Ion:152 Resp: 1073
Ion Ratio Lower Upper
152 100
150 147.0 121.6 182.4
115 61.1 51.9 77.9



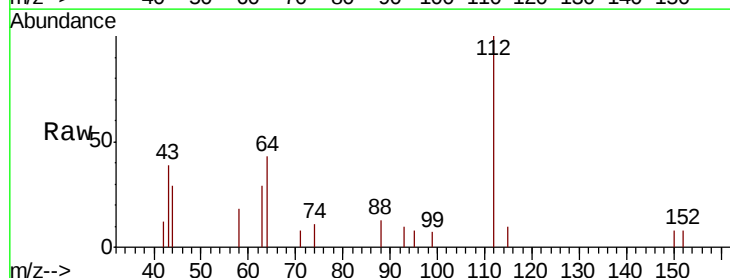
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



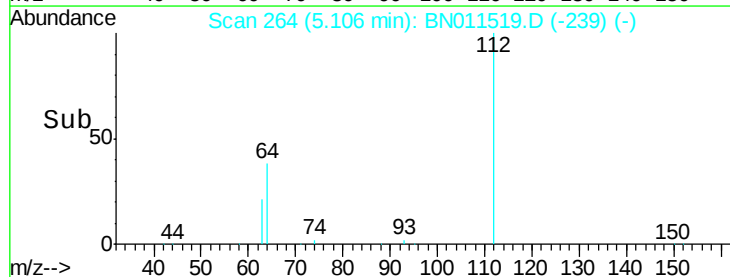
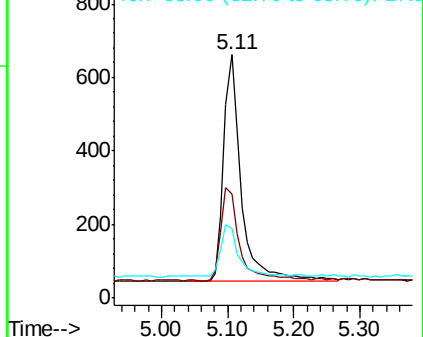
#4

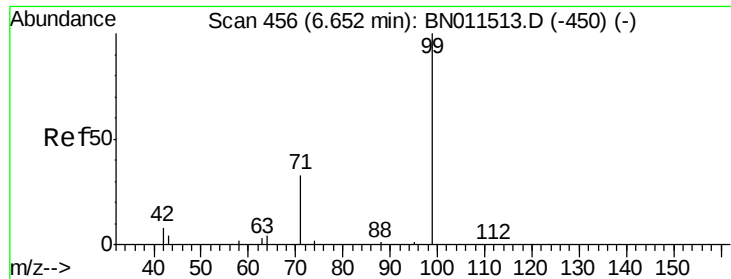
2-Fluorophenol
Concen: 0.458 ng
RT: 5.11 min Scan# 264
Delta R.T. -0.00 min
Lab File: BN011519.D
Acq: 19 Aug 2020 16:43

Tgt Ion:112 Resp: 1146
Ion Ratio Lower Upper
112 100
64 42.0 33.8 50.6
63 24.5 19.5 29.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.303 ng

RT: 6.65 min Scan# 456

Delta R.T. -0.00 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

Instrument :

BNA_N

ClientSampleId :

PB131047BL

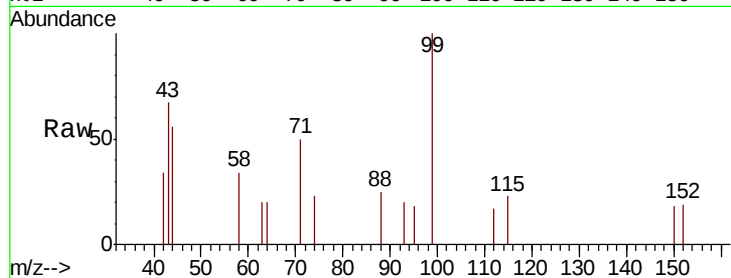
Tot Ion: 99 Resp: 877

Ion Ratio Lower Upper

99 100

42 8.9 10.0 15.0#

71 33.5 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN011519.D (-450) (-)

Ion 42.00 (41.70 to 42.70): BN011519.D (-450) (-)

Ion 71.00 (70.70 to 71.70): BN011519.D (-450) (-)

6.65

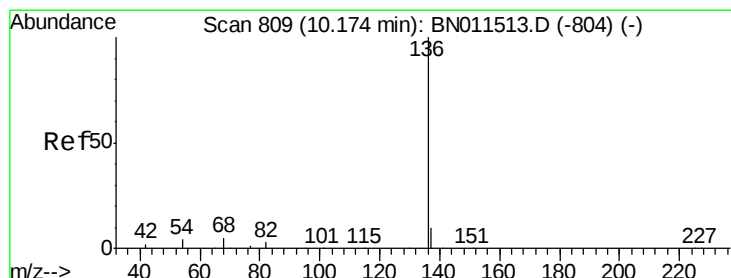
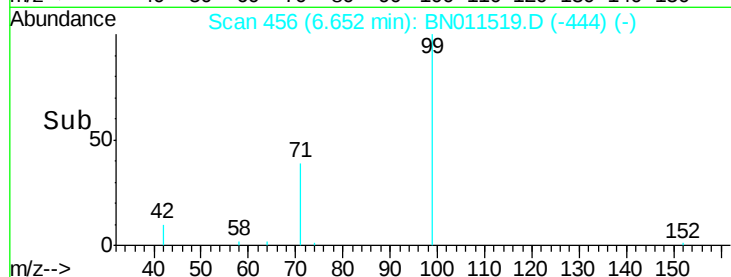
300

200

100

0

Time--> 6.50 6.60 6.70 6.80 6.90



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.20 min Scan# 811

Delta R.T. 0.03 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

Tgt Ion: 136 Resp: 3369

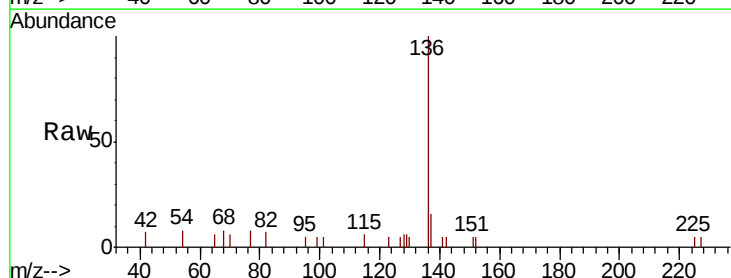
Ion Ratio Lower Upper

136 100

137 15.6 10.3 15.5#

54 8.3 5.7 8.5

68 8.2 6.0 9.0



Abundance Ion 136.00 (135.70 to 136.70): BN011519.D (-793) (-)

Ion 137.00 (136.70 to 137.70): BN011519.D (-793) (-)

Ion 54.00 (53.70 to 54.70): BN011519.D (-793) (-)

Ion 68.00 (67.70 to 68.70): BN011519.D (-793) (-)

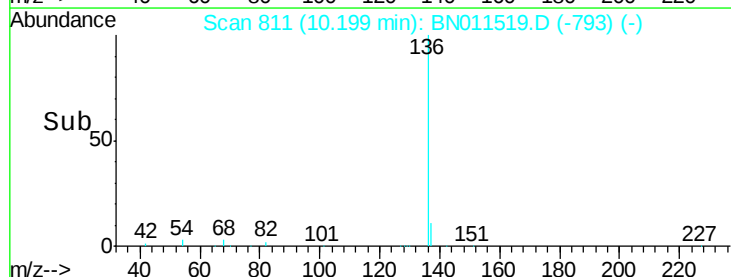
10.20

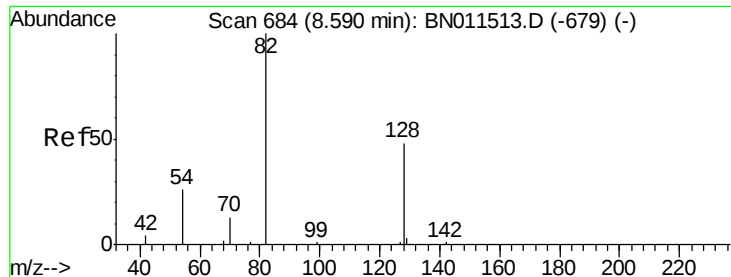
1000

500

0

Time--> 10.00 10.20 10.40





#8

Nitrobenzene-d5

Concen: 0.348 ng

RT: 8.62 min Scan# 686

Delta R.T. 0.03 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

Instrument :

BNA_N

ClientSampleId :

PB131047BL

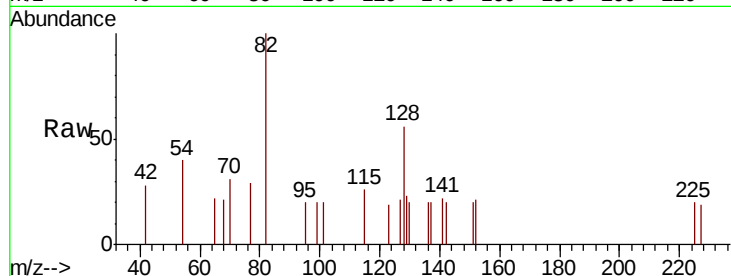
Tot Ion: 82 Resp: 949

Ion Ratio Lower Upper

82 100

128 56.2 44.6 66.8

54 39.6 27.6 41.4



Abundance Ion 82.00 (81.70 to 82.70): BN011519.D (-676) (-)

Ion 128.00 (127.70 to 128.70): BN011519.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BN011519.D (-676) (-)

8.62

250

200

150

100

50

0

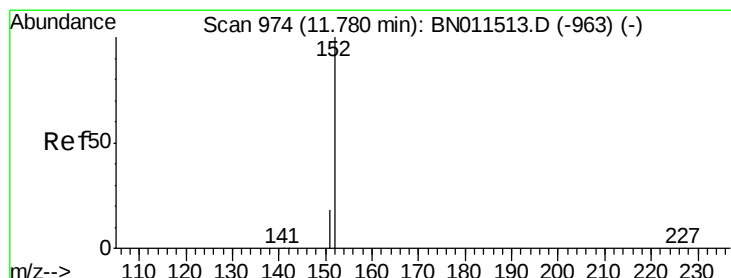
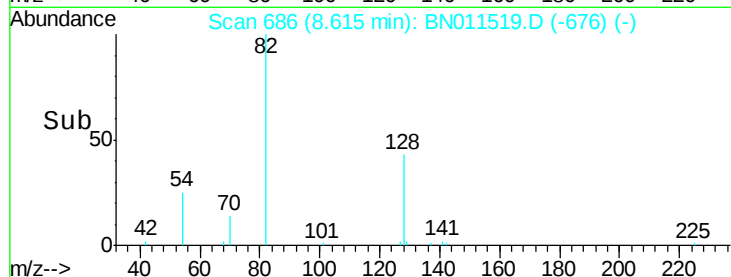
8.50

8.60

8.70

8.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 11.80 min Scan# 979

Delta R.T. 0.02 min

Lab File: BN011519.D

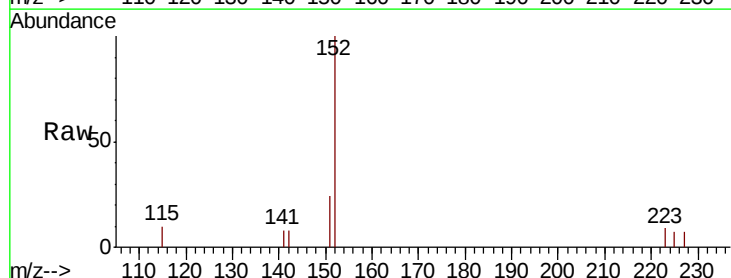
Acq: 19 Aug 2020 16:43

Tgt Ion: 152 Resp: 2148

Ion Ratio Lower Upper

152 100

151 17.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BN011519.D (-929) (-)

Ion 151.00 (150.70 to 151.70): BN011519.D (-929) (-)

11.80

600

400

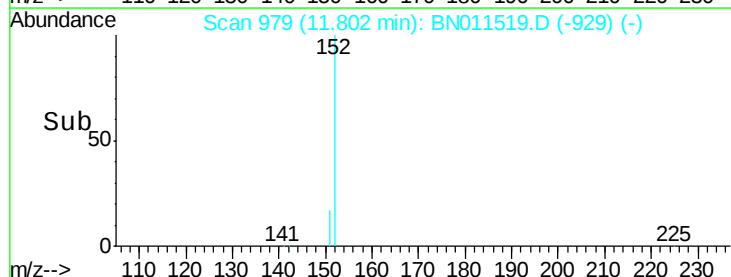
200

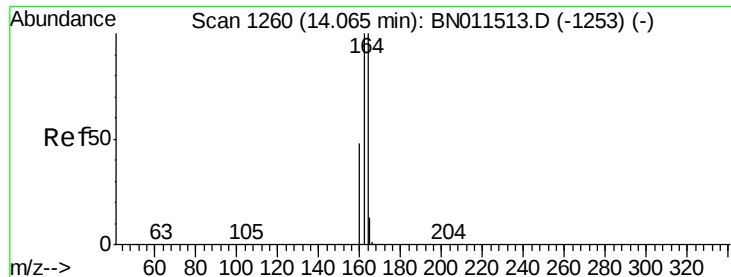
0

11.80

12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

Instrument :

BNA_N

ClientSampled :

PB131047BL

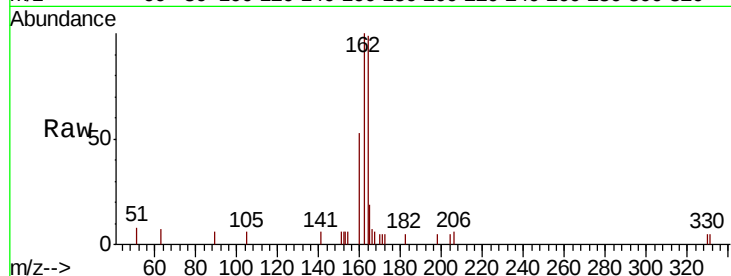
Tot Ion:164 Resp: 2105

Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

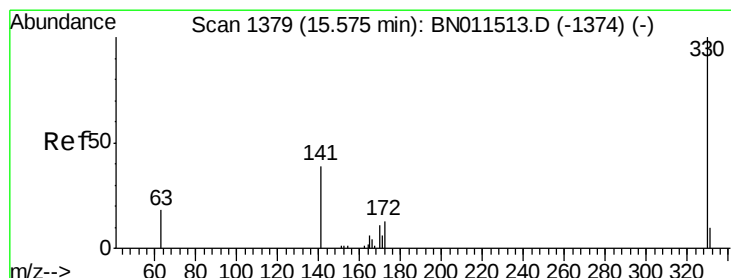
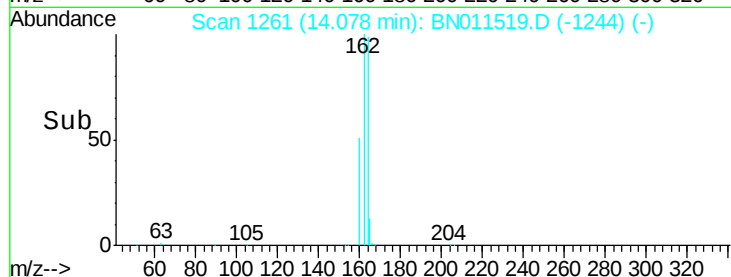
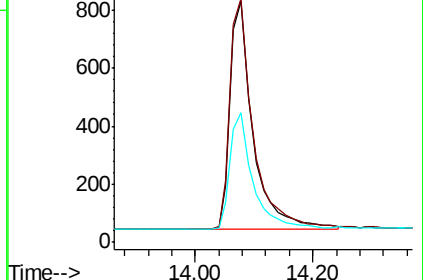
160 54.1 39.6 59.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.291 ng

RT: 15.60 min Scan# 1381

Delta R.T. 0.03 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

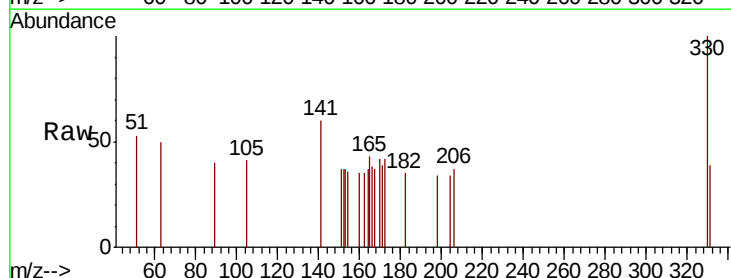
Tgt Ion:330 Resp: 276

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

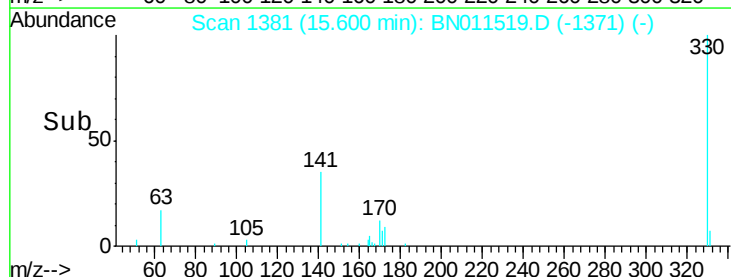
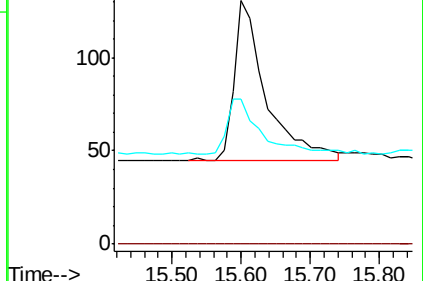
141 37.7 35.8 53.6

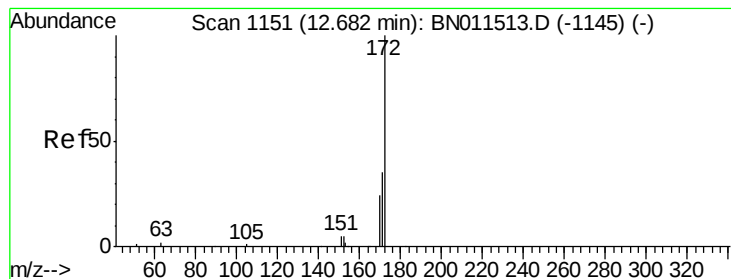


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.350 ng

RT: 12.71 min Scan# 1153

Delta R.T. 0.03 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

Instrument :

BNA_N

ClientSampleId :

PB131047BL

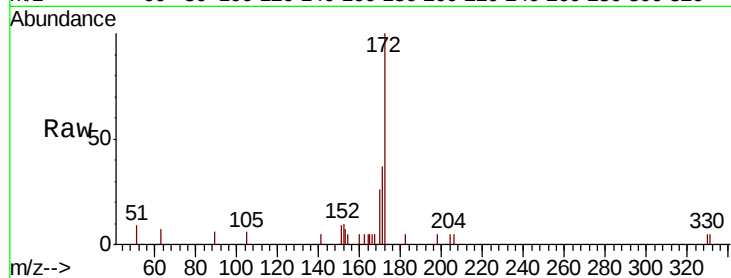
Tot Ion:172 Resp: 3240

Ion Ratio Lower Upper

172 100

171 37.3 29.5 44.3

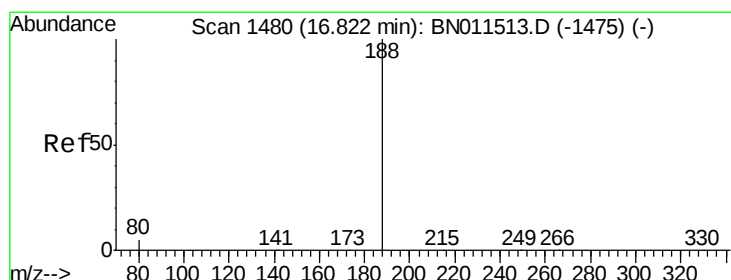
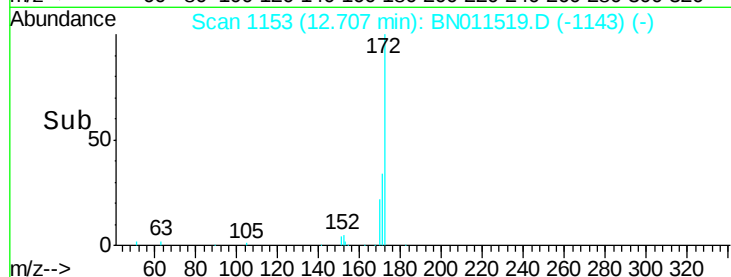
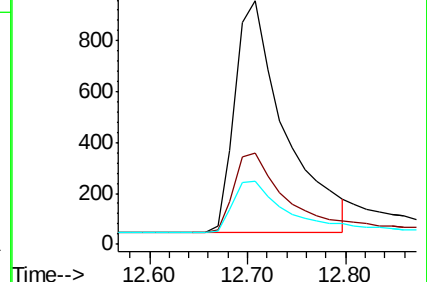
170 26.1 20.9 31.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.83 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

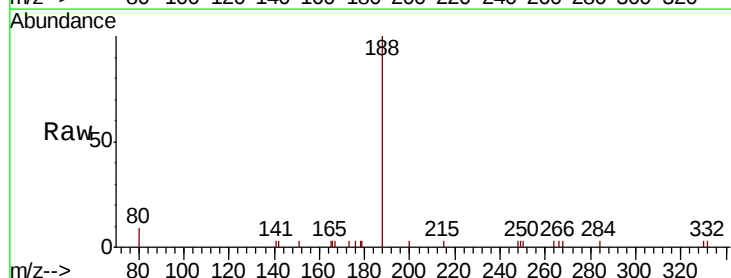
Tgt Ion:188 Resp: 4697

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

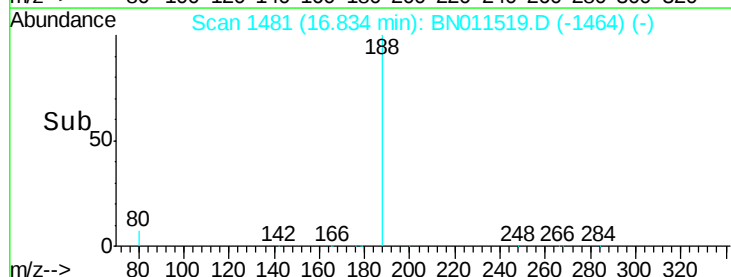
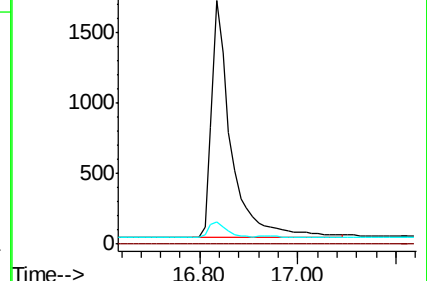
80 9.3 5.4 8.2#

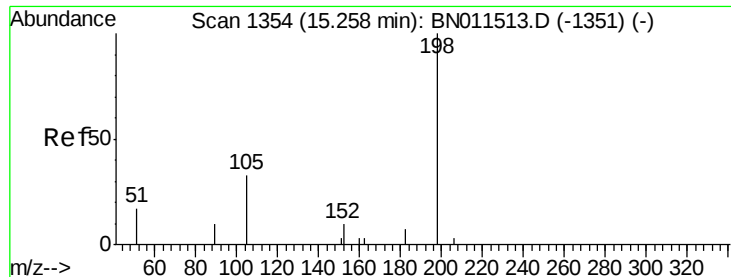


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

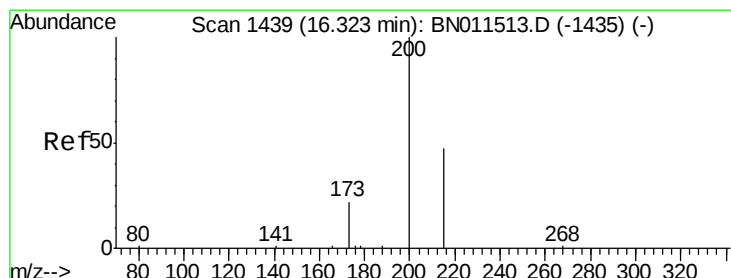
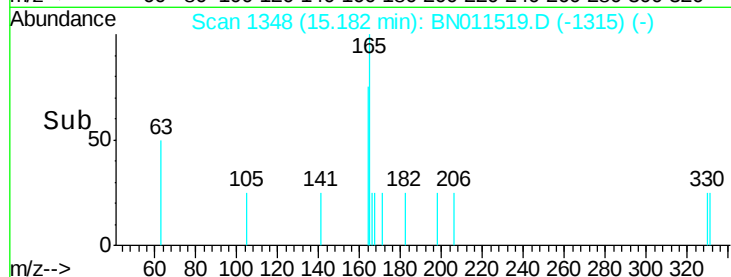
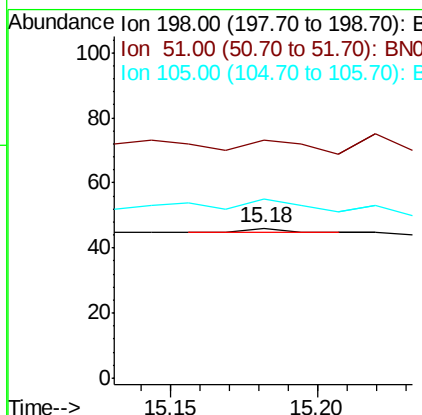
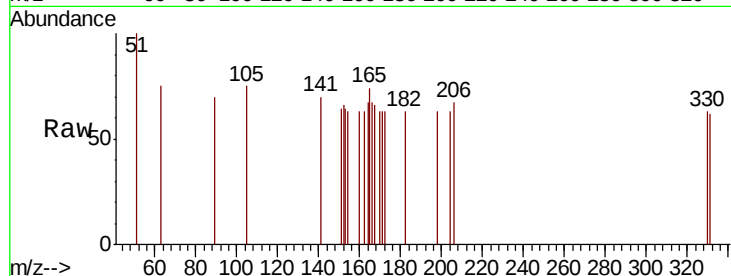




#20
4,6-Dinitro-2-methylphenol
Concen: 0.214 ng
RT: 15.18 min Scan# 1348
Delta R.T. -0.08 min
Lab File: BN011519.D
Acq: 19 Aug 2020 16:43

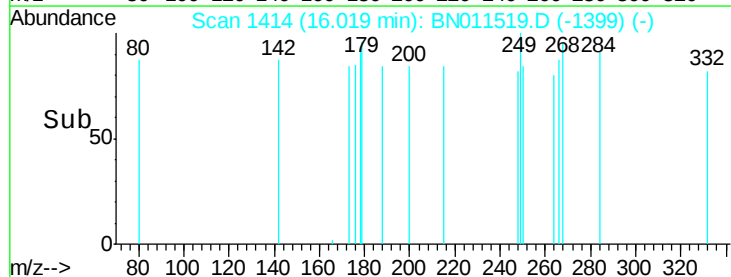
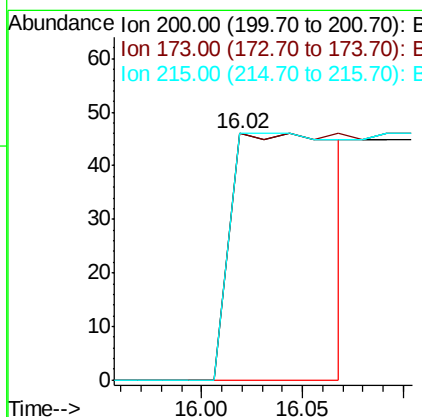
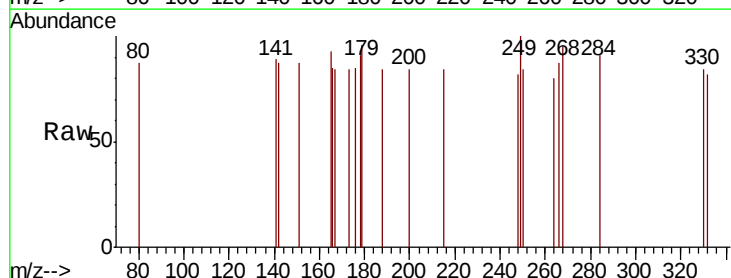
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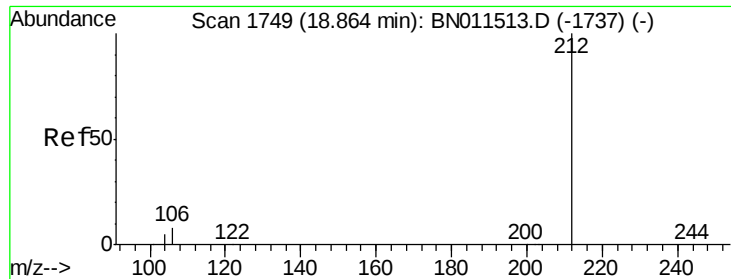
Tot Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 158.7 75.8 113.6#
105 119.6 65.3 97.9#



#23
Atrazine
Concen: 0.074 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.30 min
Lab File: BN011519.D
Acq: 19 Aug 2020 16:43

Tgt Ion:200 Resp: 168
Ion Ratio Lower Upper
200 100
173 100.0 24.0 36.0#
215 100.0 42.2 63.4#

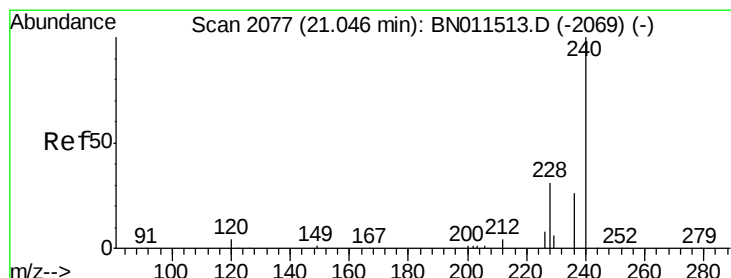
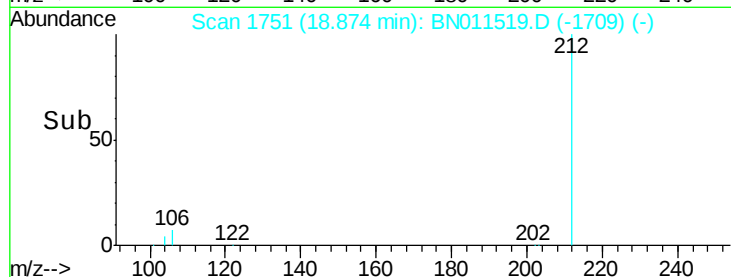
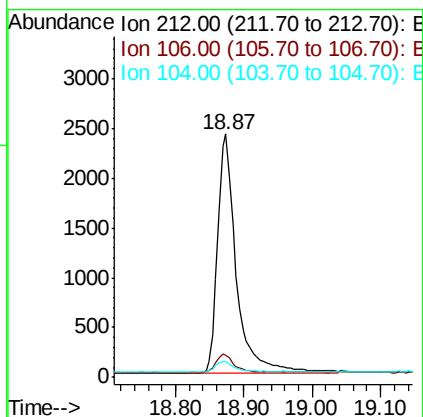
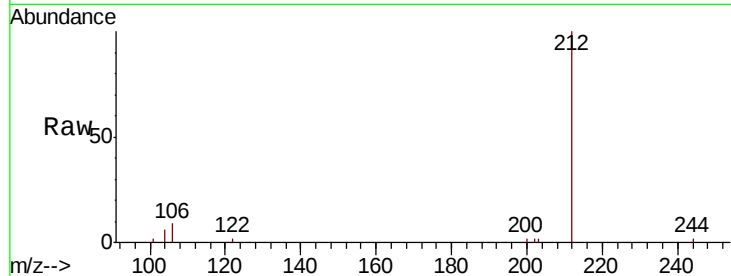




#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 18.87 min Scan# 1751
Delta R.T. 0.01 min
Lab File: BN011519.D
Acq: 19 Aug 2020 16:43

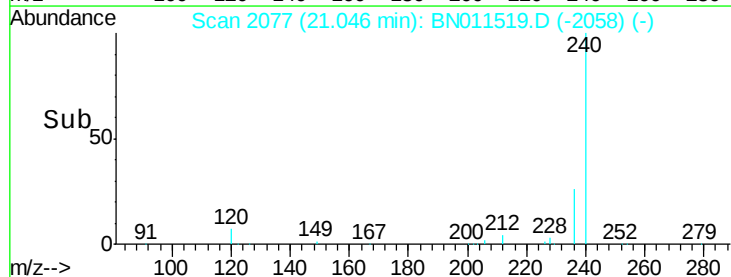
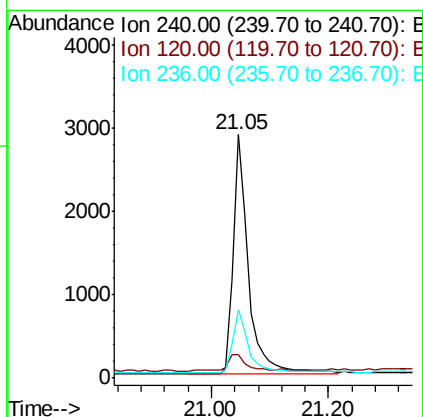
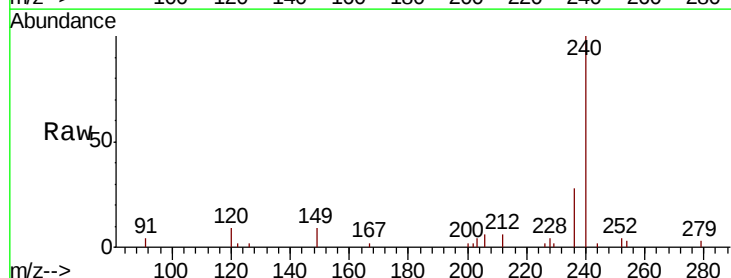
Instrument :
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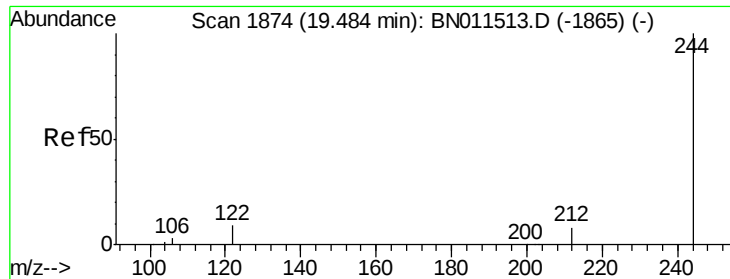
Tot Ion:212 Resp: 4574
Ion Ratio Lower Upper
212 100
106 7.9 6.0 9.0
104 4.4 3.7 5.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BN011519.D
Acq: 19 Aug 2020 16:43

Tgt Ion:240 Resp: 5101
Ion Ratio Lower Upper
240 100
120 9.4 6.0 9.0#
236 27.9 22.6 33.8





#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.49 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

Instrument :

BNA_N

ClientSampleId :

PB131047BL

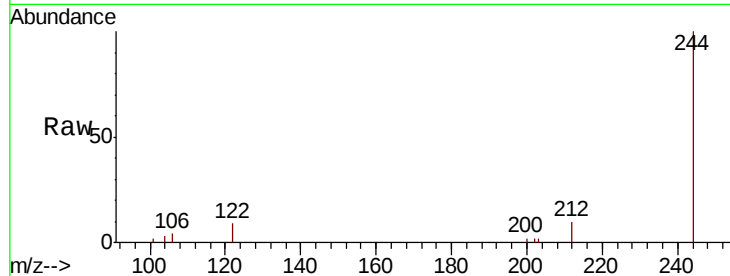
Tot Ion:244 Resp: 5225

Ion Ratio Lower Upper

244 100

212 9.6 8.2 12.4

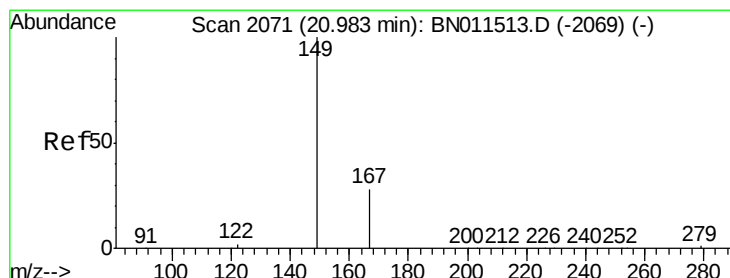
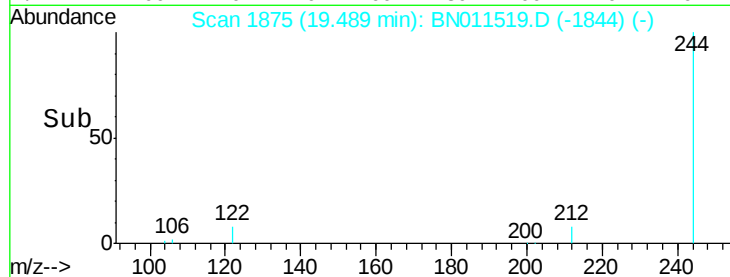
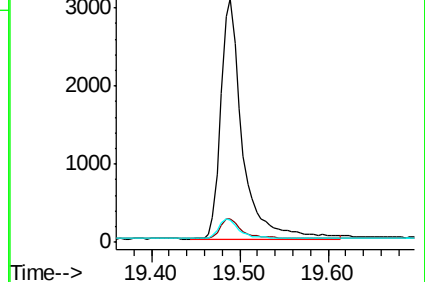
122 9.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.025 ng

RT: 20.99 min Scan# 2072

Delta R.T. 0.01 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

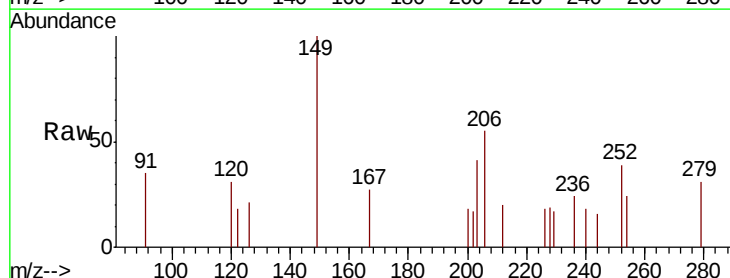
Tgt Ion:149 Resp: 137

Ion Ratio Lower Upper

149 100

167 8.0 23.0 34.4#

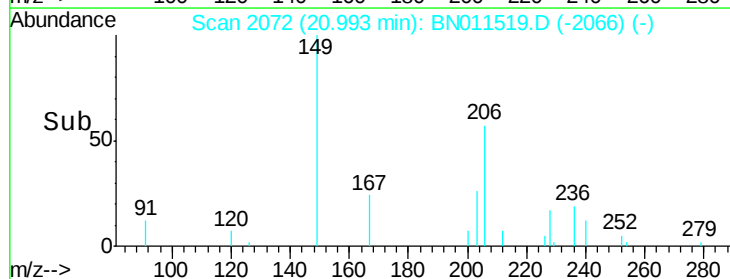
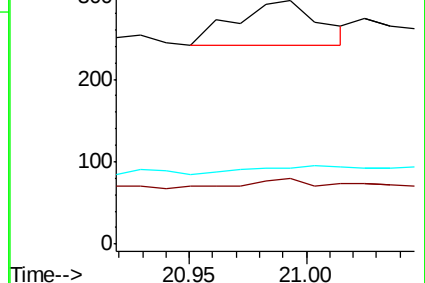
279 18.2 4.1 6.1#

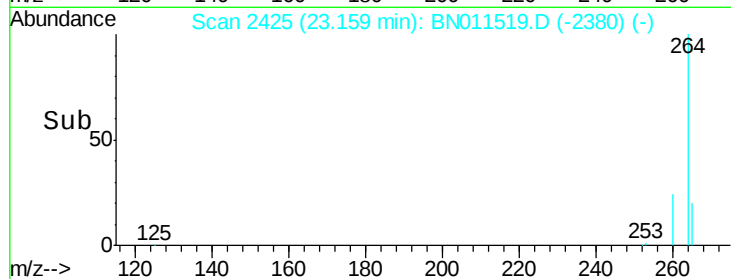
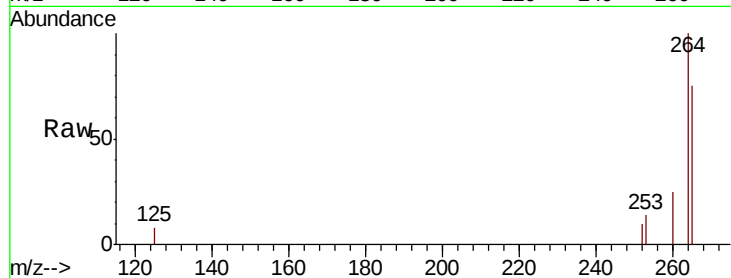
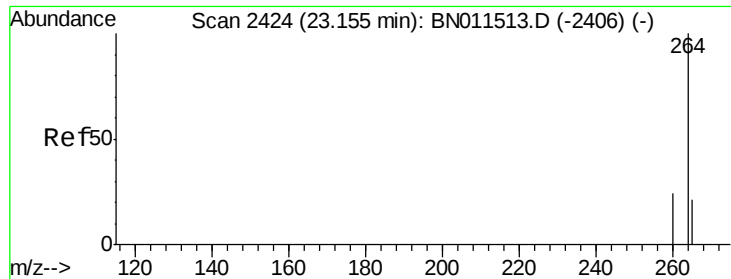


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BN011519.D

Acq: 19 Aug 2020 16:43

Instrument :

BNA_N

ClientSampleId :

PB131047BL

Tot Ion:264 Resp: 5884

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 75.4 62.6 94.0

