

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN073120\
 Data File : BN011323.D
 Acq On : 31 Jul 2020 12:17
 Operator : CG/JU
 Sample : PB130596BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130596BL

Quant Time: Jul 31 12:52:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

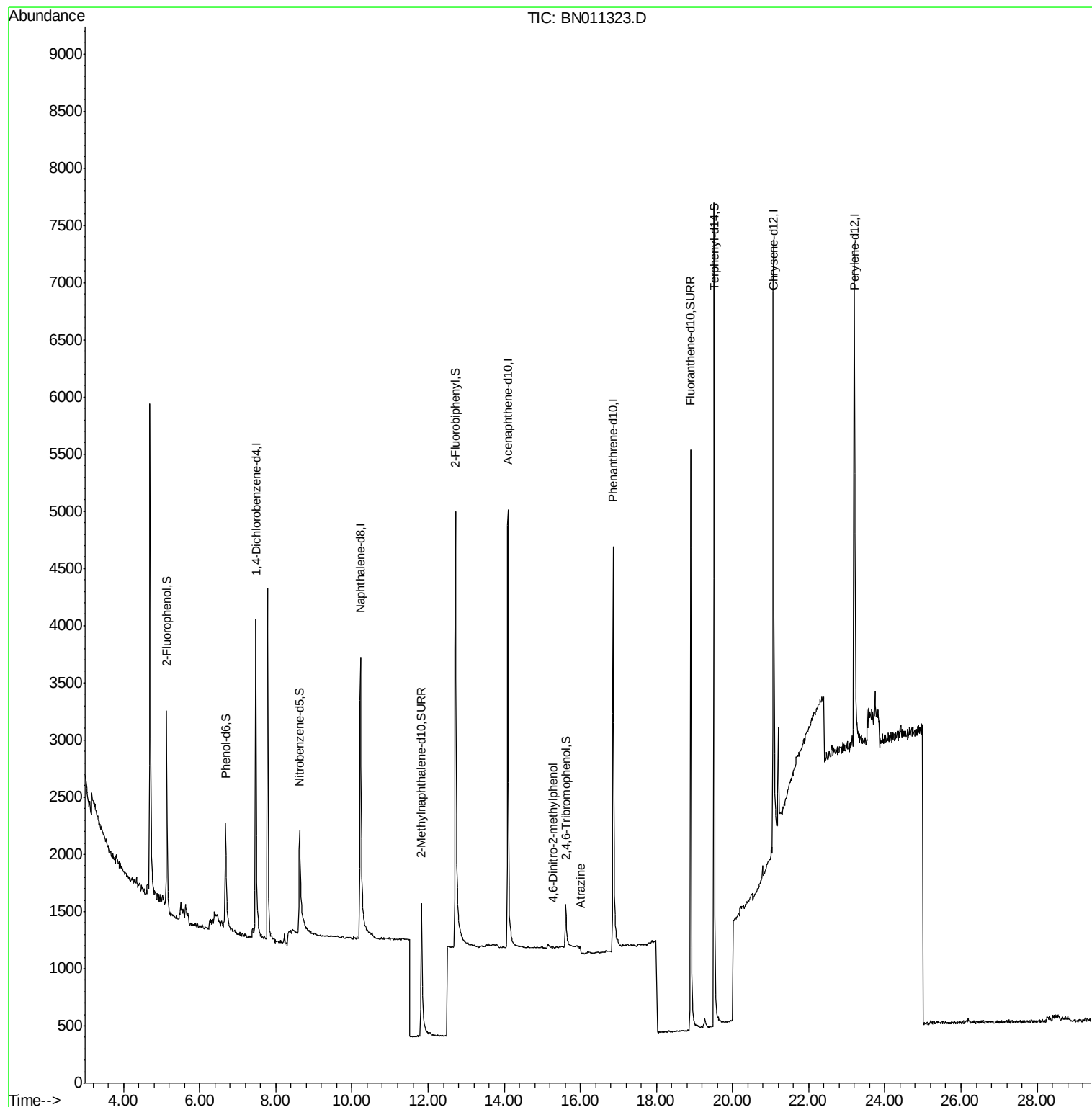
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1656	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5570	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	3161	0.40	ng	0.01
19) Phenanthrene-d10	16.86	188	7303	0.40	ng	0.01
29) Chrysene-d12	21.08	240	7063	0.40	ng	0.01
36) Perylene-d12	23.20	264	6824	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.13	112	1701	0.39	ng	0.00
5) Phenol-d6	6.68	99	1623	0.31	ng	0.00
8) Nitrobenzene-d5	8.63	82	1738	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	11.82	152	2878	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.61	330	480	0.33	ng	0.01
15) 2-Fluorobiphenyl	12.72	172	5393	0.40	ng	0.01
27) Fluoranthene-d10	18.90	212	7764	0.35	ng	0.00
31) Terphenyl-d14	19.51	244	8600	0.40	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.27	198	1	0.194	ng	# 2
23) Atrazine	16.02	200	102	0.027	ng	# 3

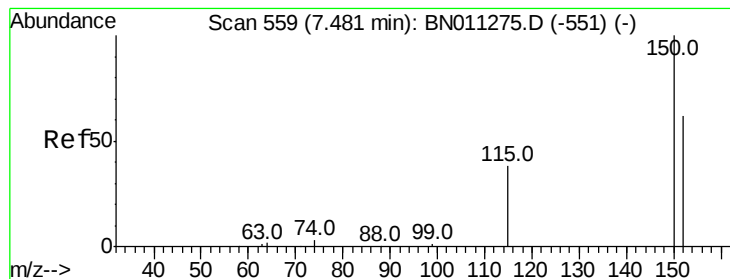
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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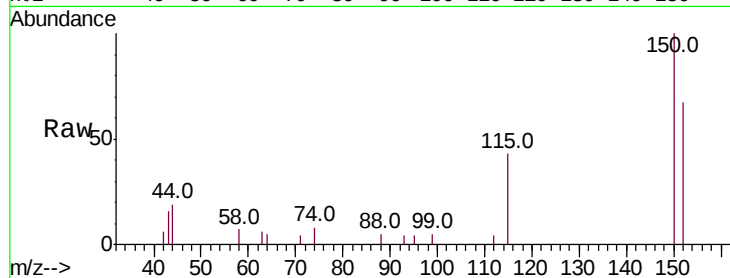


#1

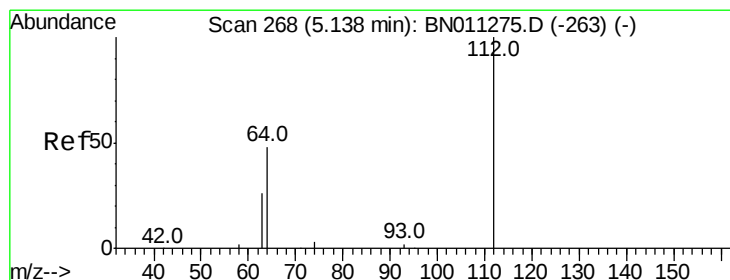
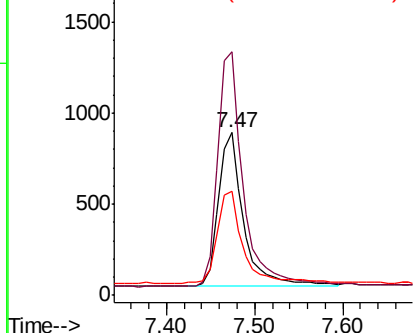
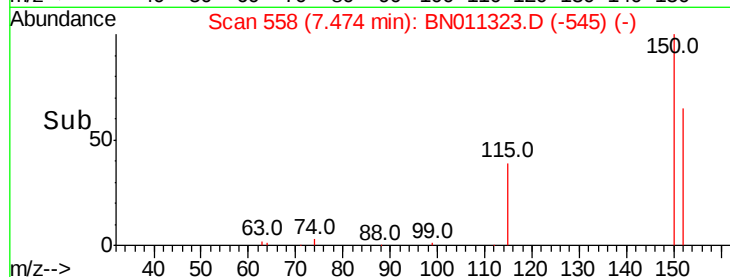
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 558
Delta R.T. 0.01 min
Lab File: BN011323.D
Acq: 31 Jul 2020 12:17

Instrument :
BNA_N
ClientSampleId :
PB130596BL

Tot Ion:152 Resp: 1656
Ion Ratio Lower Upper
152 100
150 149.5 126.5 189.7
115 64.1 51.9 77.9



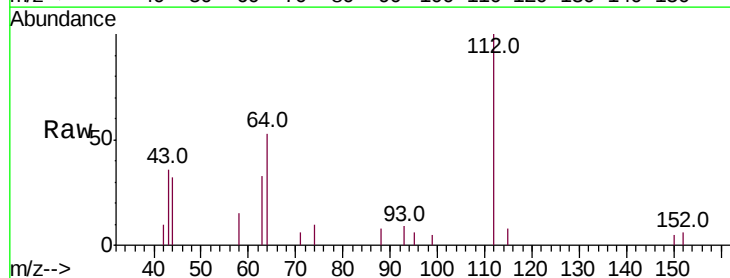
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



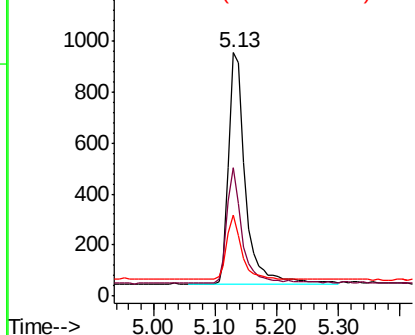
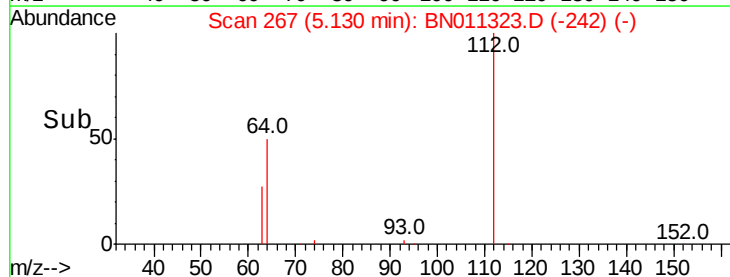
#4

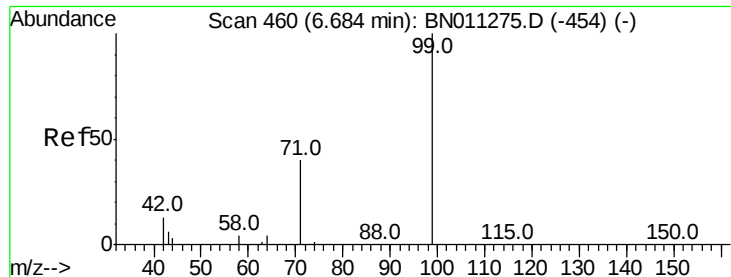
2-Fluorophenol
Concen: 0.391 ng
RT: 5.13 min Scan# 267
Delta R.T. 0.00 min
Lab File: BN011323.D
Acq: 31 Jul 2020 12:17

Tgt Ion:112 Resp: 1701
Ion Ratio Lower Upper
112 100
64 45.6 35.8 53.6
63 24.9 19.3 28.9



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: 0.307 ng

RT: 6.68 min Scan# 459

Delta R.T. 0.01 min

Lab File: BN011323.D

Acq: 31 Jul 2020 12:17

Instrument :

BNA_N

ClientSampleId :

PB130596BL

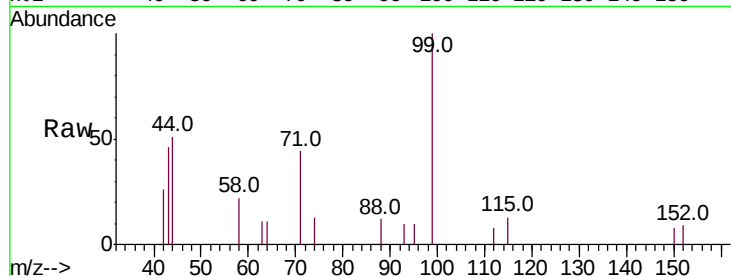
Tot Ion: 99 Resp: 1623

Ion Ratio Lower Upper

99 100

42 11.6 11.2 16.8

71 38.3 30.6 45.8



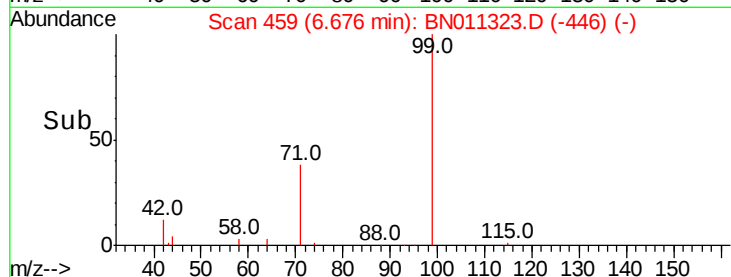
Abundance Ion 99.00 (98.70 to 99.70): BN011275.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011275.D (-454) (-)

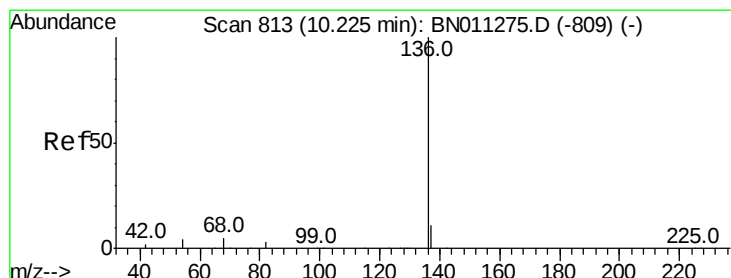
Ion 71.00 (70.70 to 71.70): BN011275.D (-454) (-)

6.68

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.01 min

Lab File: BN011323.D

Acq: 31 Jul 2020 12:17

Tgt Ion: 136 Resp: 5570

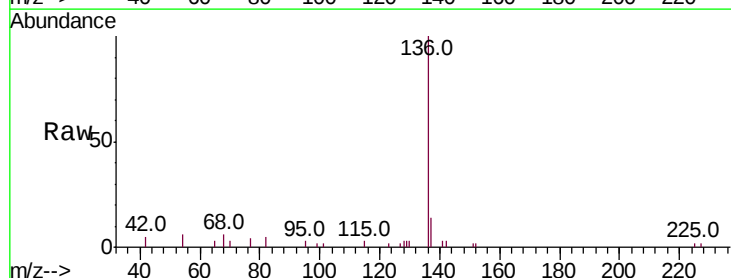
Ion Ratio Lower Upper

136 100

137 13.5 9.9 14.9

54 5.9 4.8 7.2

68 6.1 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011275.D (-809) (-)

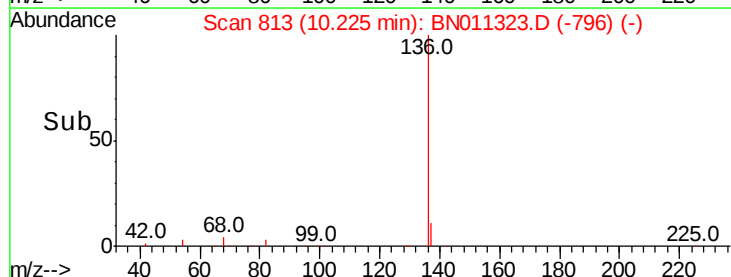
Ion 137.00 (136.70 to 137.70): BN011275.D (-809) (-)

Ion 54.00 (53.70 to 54.70): BN011275.D (-809) (-)

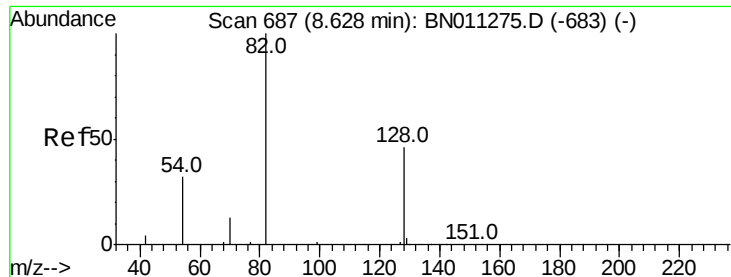
Ion 68.00 (67.70 to 68.70): BN011275.D (-809) (-)

10.22

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.350 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.03 min

Lab File: BN011323.D

Acq: 31 Jul 2020 12:17

Instrument :

BNA_N

ClientSampleId :

PB130596BL

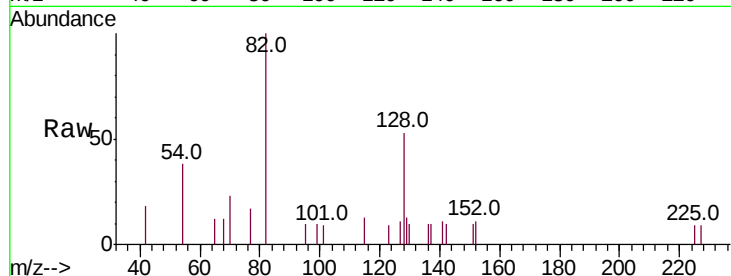
Tot Ion: 82 Resp: 1738

Ion Ratio Lower Upper

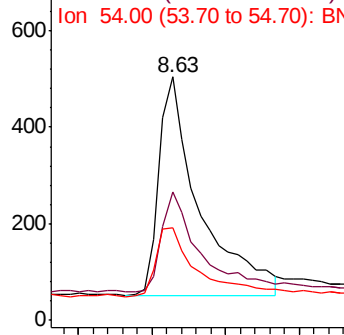
82 100

128 52.8 40.1 60.1

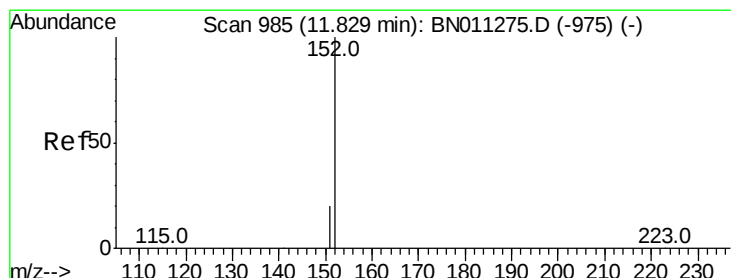
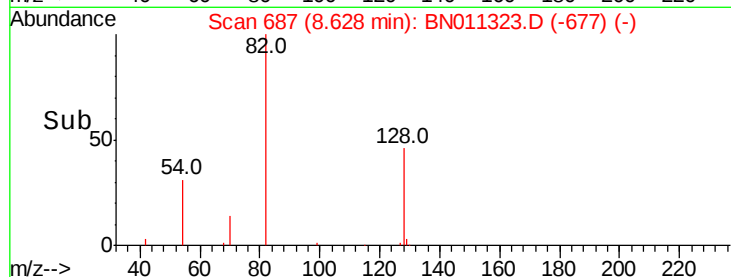
54 37.9 29.0 43.6



Abundance Ion 82.00 (81.70 to 82.70): BN011323.D (-677) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.283 ng

RT: 11.82 min Scan# 984

Delta R.T. 0.01 min

Lab File: BN011323.D

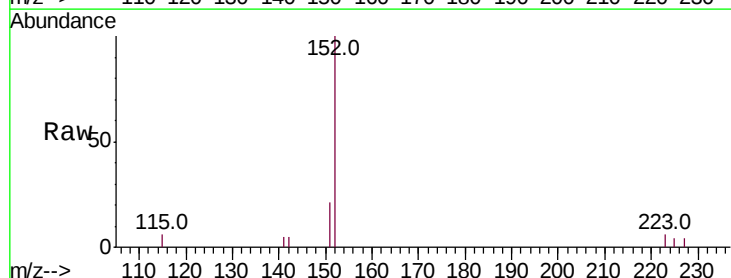
Acq: 31 Jul 2020 12:17

Tgt Ion: 152 Resp: 2878

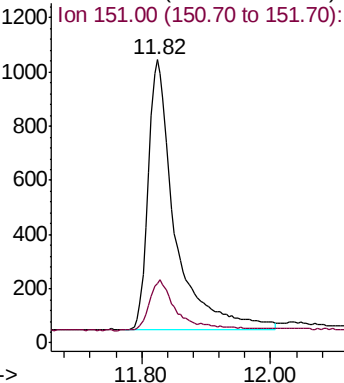
Ion Ratio Lower Upper

152 100

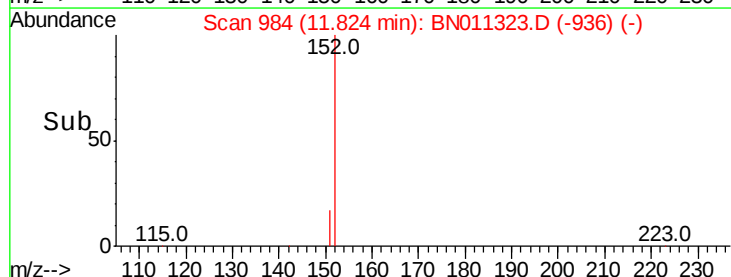
151 18.8 16.6 24.8

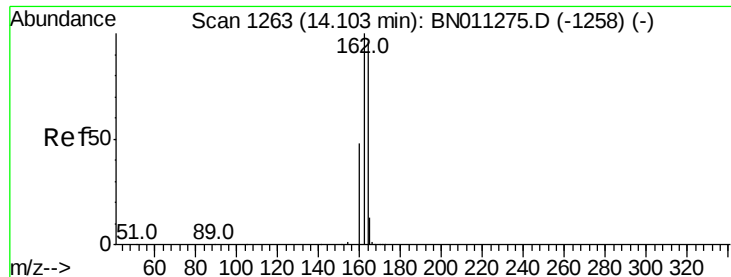


Abundance Ion 152.00 (151.70 to 152.70): BN011323.D (-936) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BN011323.D

Acq: 31 Jul 2020 12:17

Instrument :

BNA_N

ClientSampleId :

PB130596BL

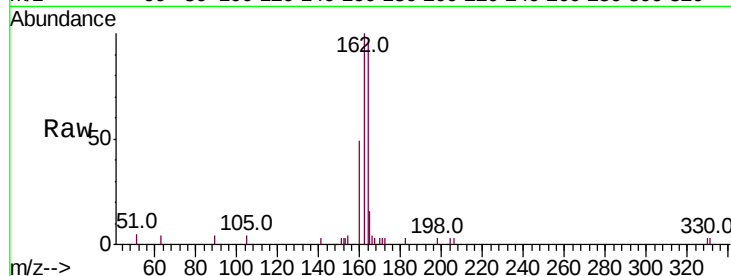
Tot Ion:164 Resp: 3161

Ion Ratio Lower Upper

164 100

162 103.9 83.6 125.4

160 50.5 41.2 61.8

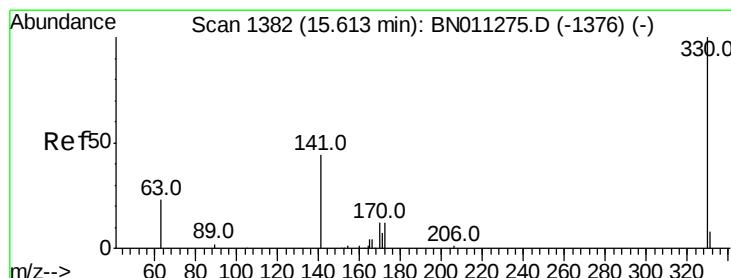
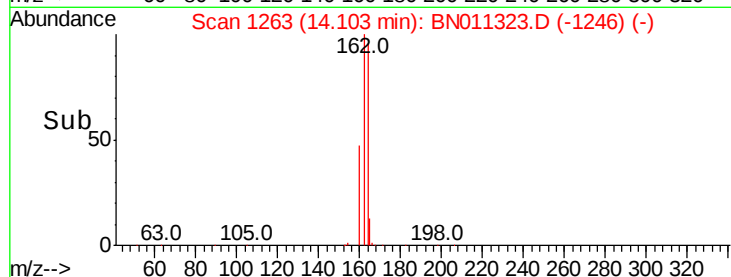
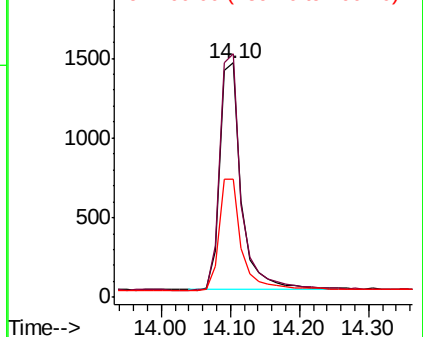


Abundance

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: 0.329 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BN011323.D

Acq: 31 Jul 2020 12:17

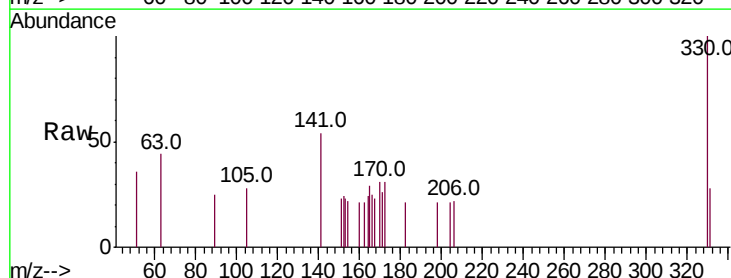
Tgt Ion:330 Resp: 480

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 41.7 34.2 51.2

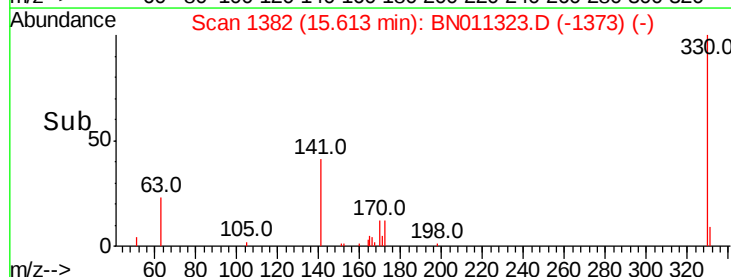
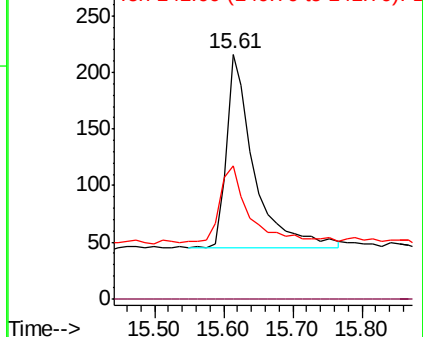


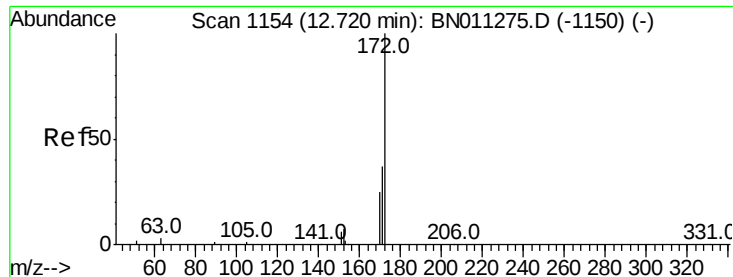
Abundance

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

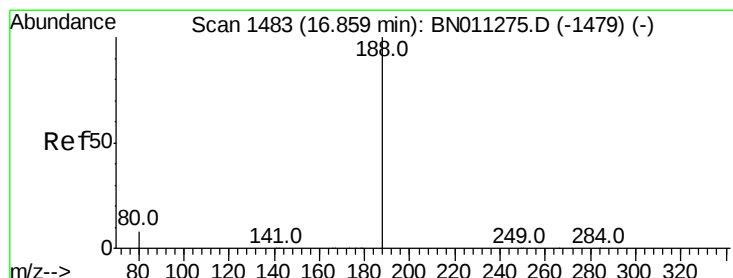
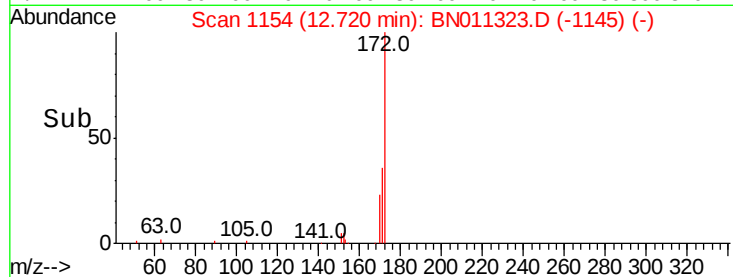
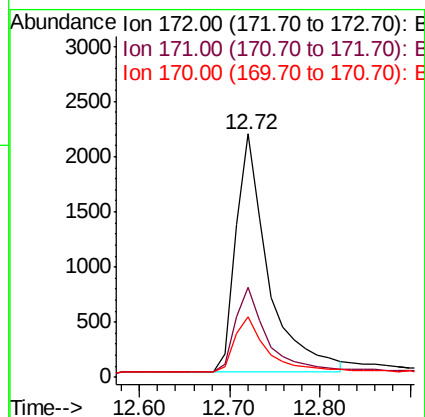
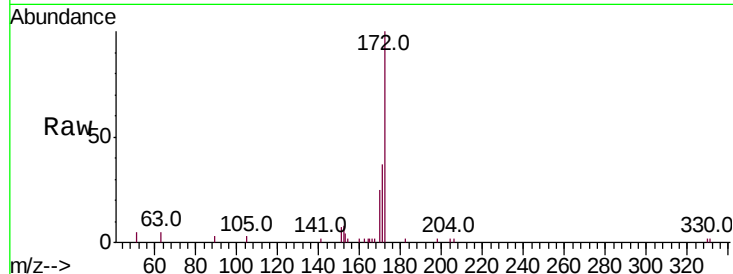




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.72 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BN011323.D
Acq: 31 Jul 2020 12:17

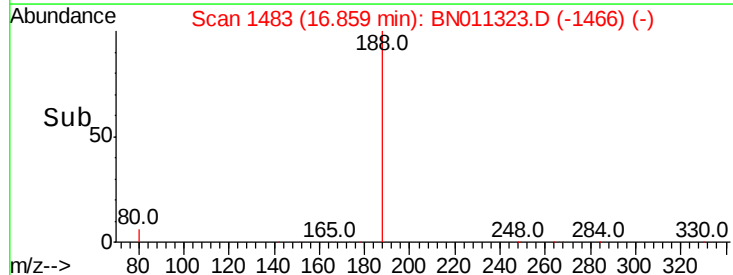
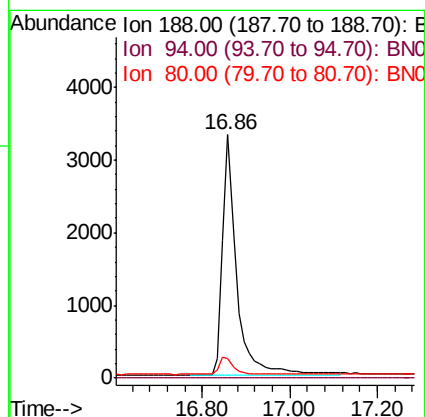
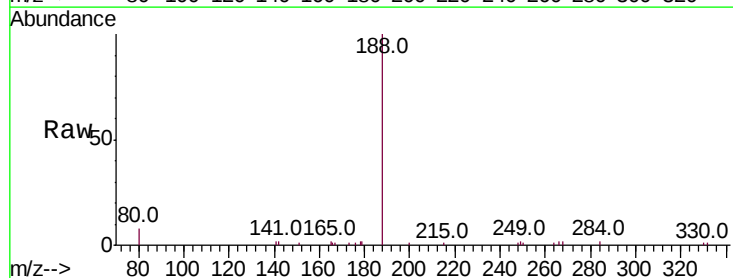
Instrument :
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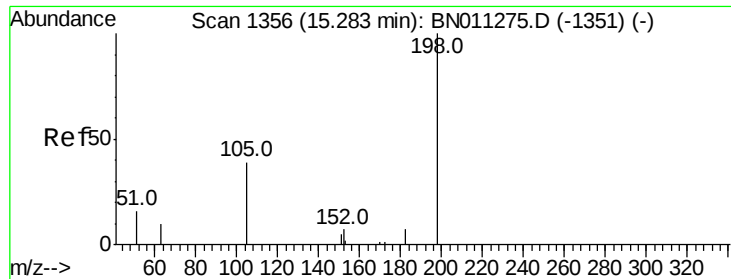
Tot Ion:172 Resp: 5393
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 24.7 21.0 31.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BN011323.D
Acq: 31 Jul 2020 12:17

Tgt Ion:188 Resp: 7303
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 7.4 11.0

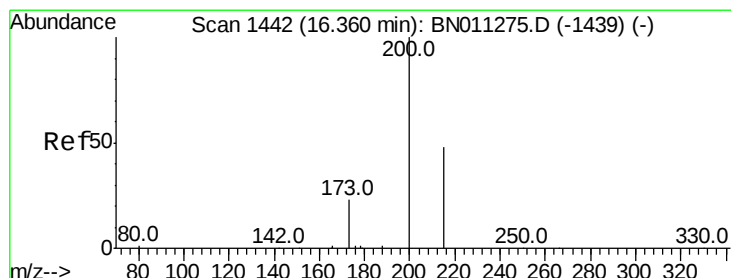
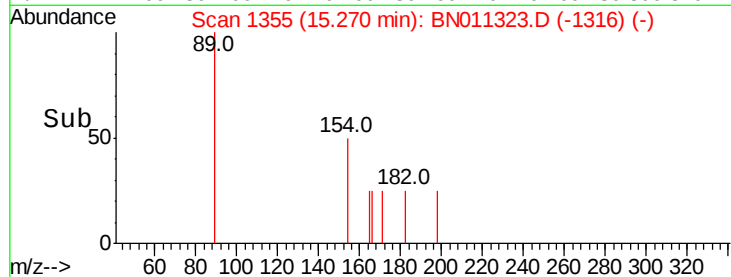
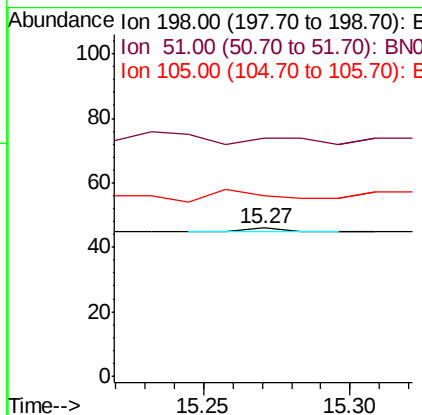
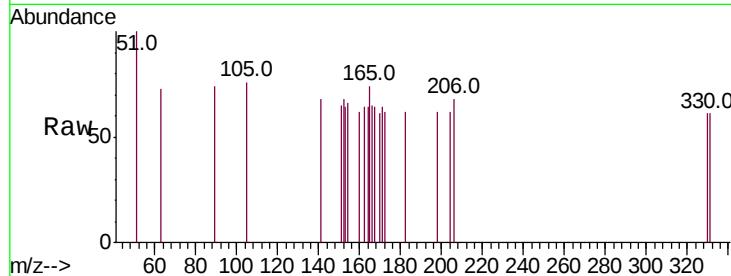




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.27 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BN011323.D
Acq: 31 Jul 2020 12:17

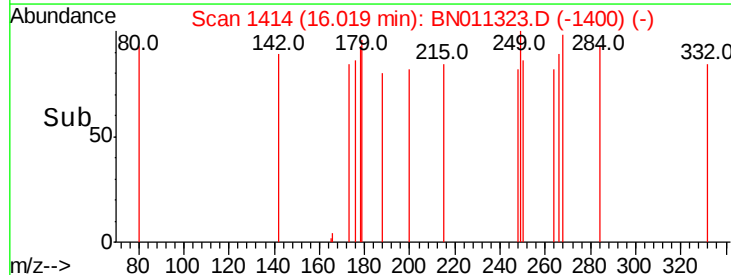
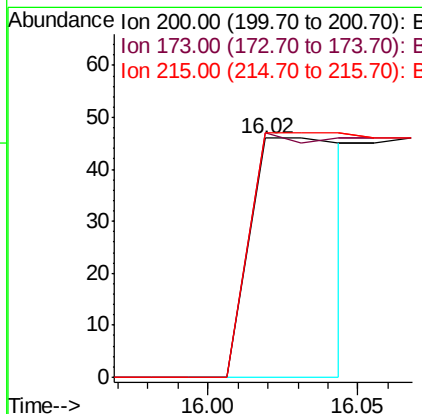
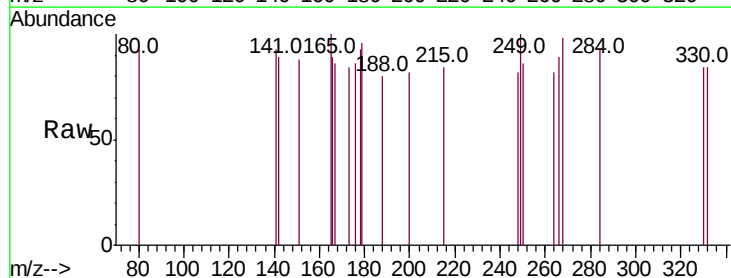
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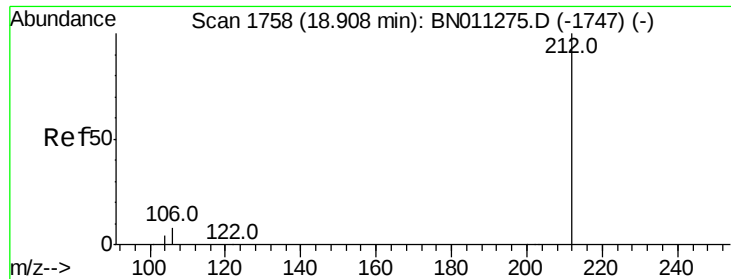
Tot Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 160.9 49.0 73.6#
105 121.7 53.8 80.6#



#23
Atrazine
Concen: 0.027 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.33 min
Lab File: BN011323.D
Acq: 31 Jul 2020 12:17

Tgt Ion:200 Resp: 102
Ion Ratio Lower Upper
200 100
173 102.2 22.0 33.0#
215 102.2 41.1 61.7#

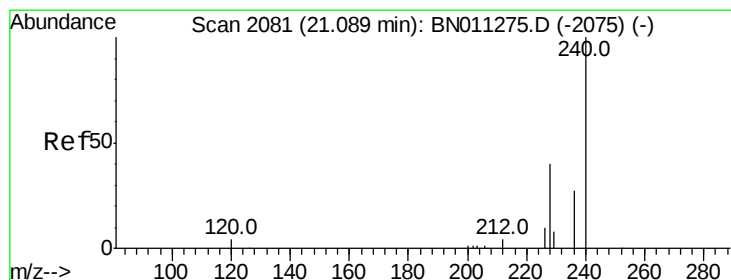
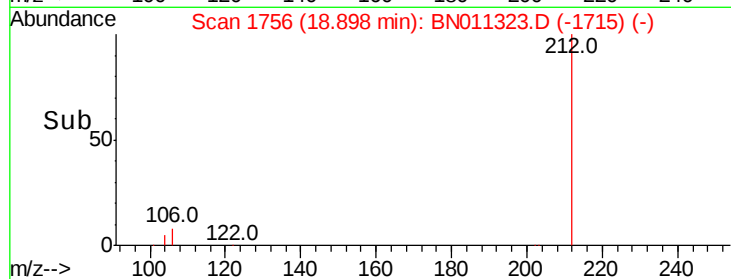
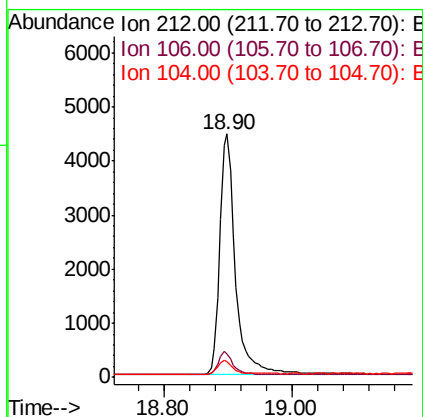
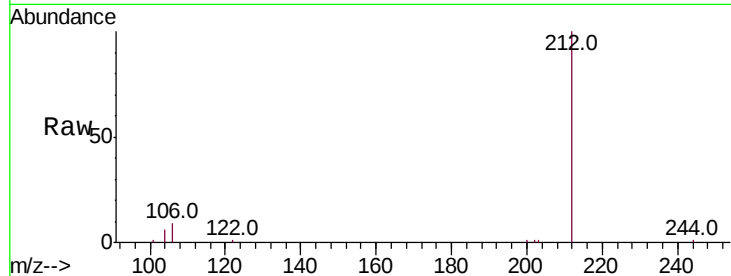




#27
 Fluoranthene-d10
 Concen: 0.348 ng
 RT: 18.90 min Scan# 1756
 Delta R.T. 0.01 min
 Lab File: BN011323.D
 Acq: 31 Jul 2020 12:17

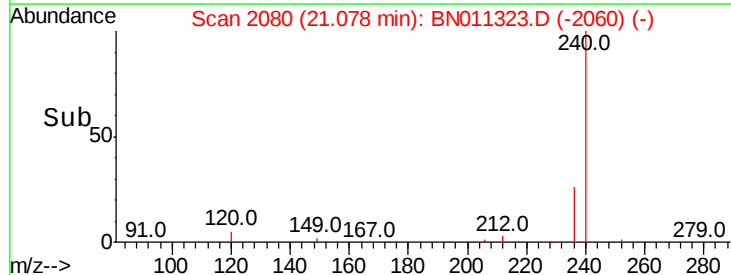
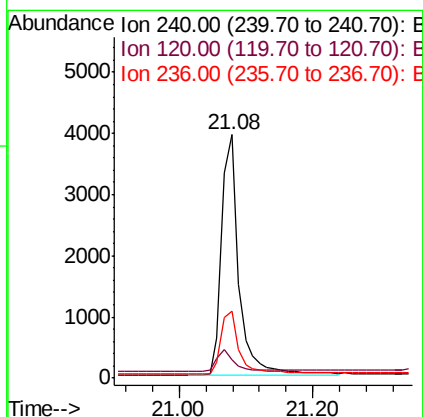
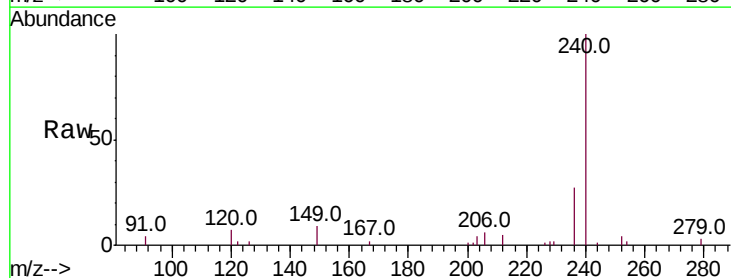
Instrument :
 BNA_N
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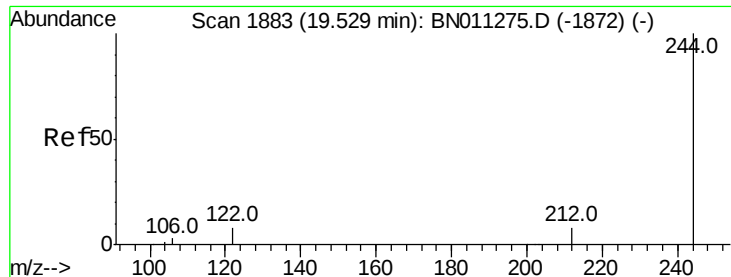
Tot Ion:212 Resp: 7764
 Ion Ratio Lower Upper
 212 100
 106 8.8 6.9 10.3
 104 5.3 4.2 6.2



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.08 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: BN011323.D
 Acq: 31 Jul 2020 12:17

Tgt Ion:240 Resp: 7063
 Ion Ratio Lower Upper
 240 100
 120 7.3 5.8 8.8
 236 27.3 22.7 34.1





#31

Terphenyl-d14

Concen: 0.402 ng

RT: 19.51 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BN011323.D

Acq: 31 Jul 2020 12:17

Instrument :

BNA_N

ClientSampleId :

PB130596BL

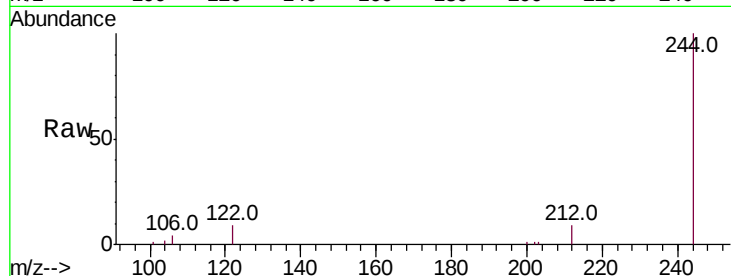
Tot Ion:244 Resp: 8600

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

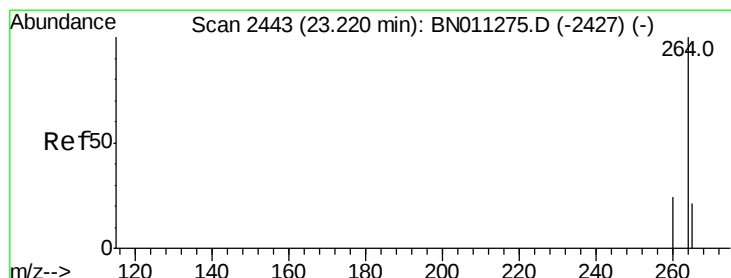
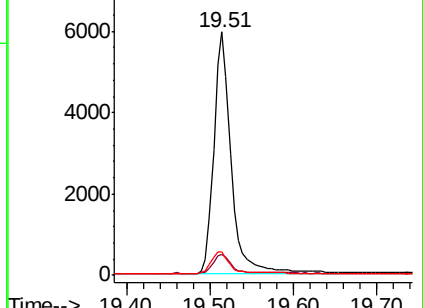
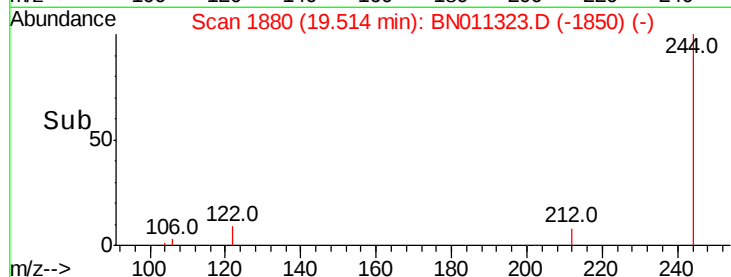
122 9.4 7.5 11.3



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BN011323.D

Acq: 31 Jul 2020 12:17

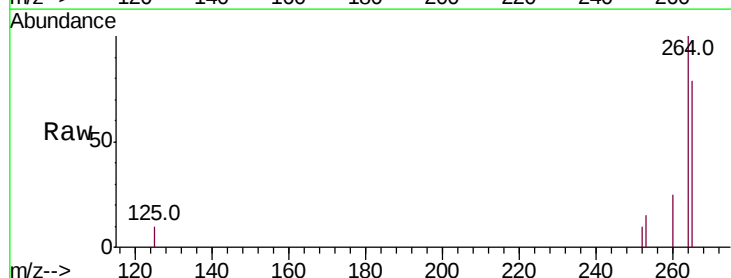
Tgt Ion:264 Resp: 6824

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 78.8 70.7 106.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

