

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010256.D
 Acq On : 18 Mar 2020 08:50
 Operator : CG/JU
 Sample : L1903-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20200307

Quant Time: Mar 18 09:42:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3809	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13021	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7978	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18494	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19561	0.40	ng	-0.01
34) Perylene-d12	23.36	264	23437	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	1424	0.16	ng	0.00
5) Phenol-d6	6.80	99	1129	0.10	ng	-0.02
8) Nitrobenzene-d5	8.76	82	3119	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7454	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	883	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	12096	0.43	ng	-0.01
25) Fluoranthene-d10	19.02	212	20751	0.36	ng	0.00
29) Terphenyl-d14	19.63	244	20338	0.46	ng	-0.01

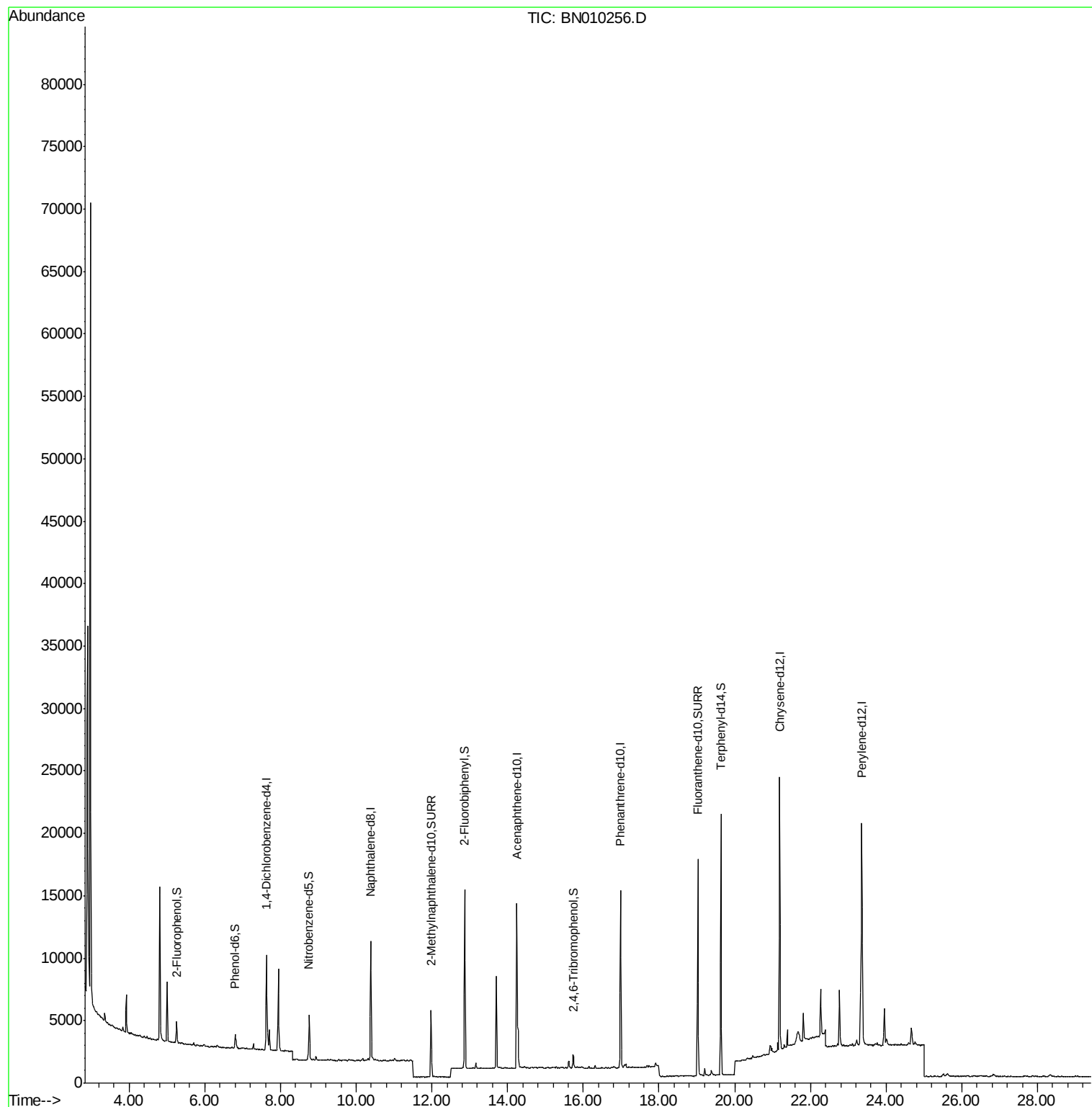
Target Compounds	Qvalue

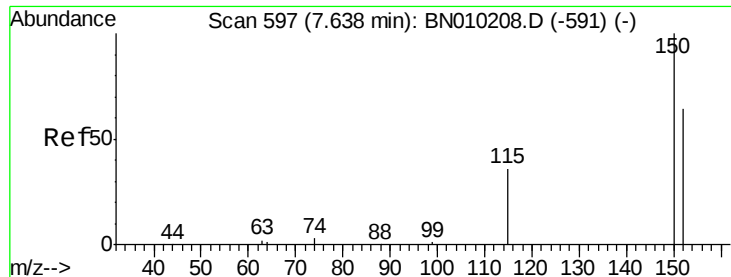
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

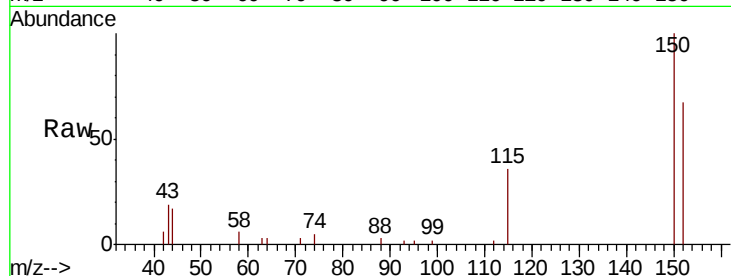
Tot Ion:152 Resp: 3809

Ion Ratio Lower Upper

152 100

150 149.2 119.5 179.3

115 54.4 50.9 76.3

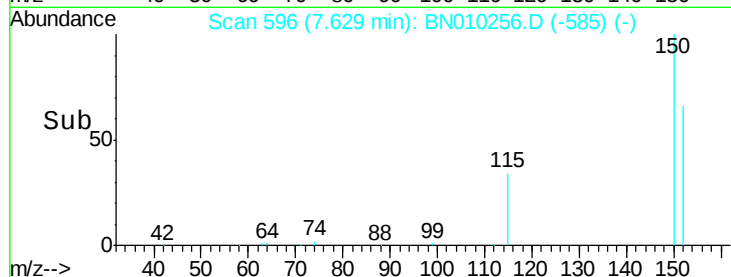


Abundance Ion 152.00 (151.70 to 152.70): E

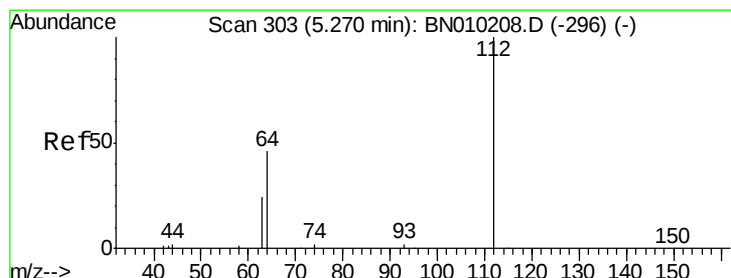
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

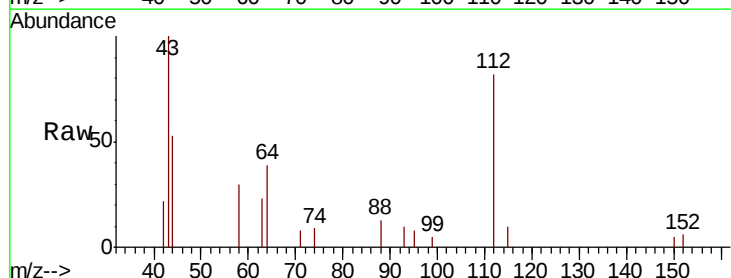
Tgt Ion:112 Resp: 1424

Ion Ratio Lower Upper

112 100

64 53.9 42.6 63.8

63 29.3 23.6 35.4

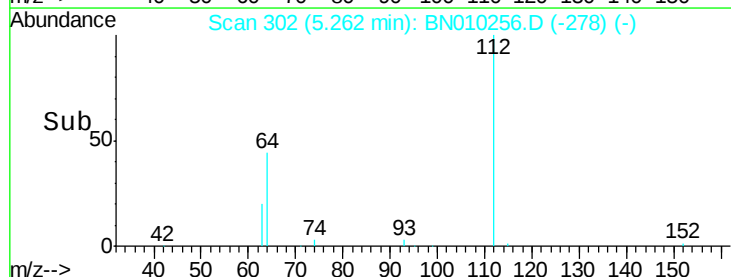


Abundance Ion 112.00 (111.70 to 112.70): E

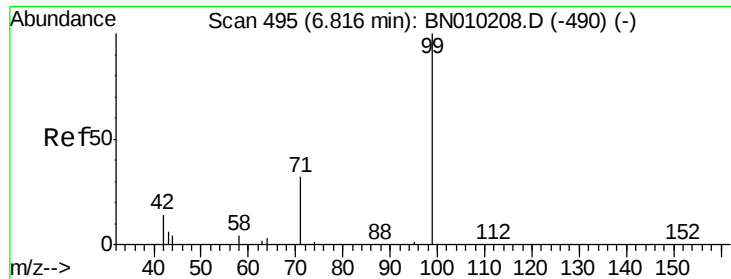
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Time-->



Time-->



#5

Phenol-d6

Concen: 0.101 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.02 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

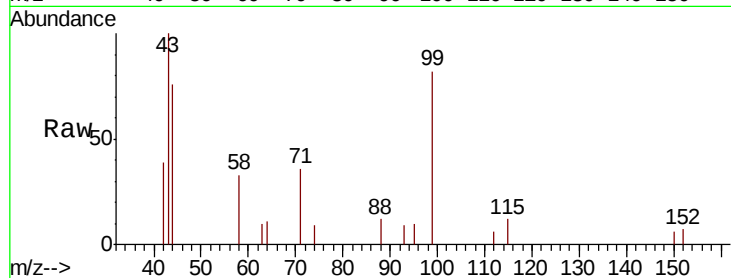
Tot Ion: 99 Resp: 1129

Ion Ratio Lower Upper

99 100

42 29.6 12.0 18.0#

71 37.7 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)

6.80

800

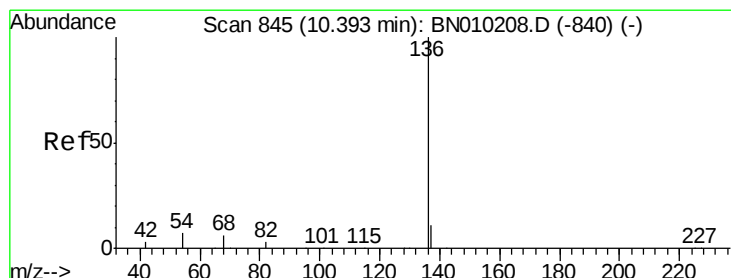
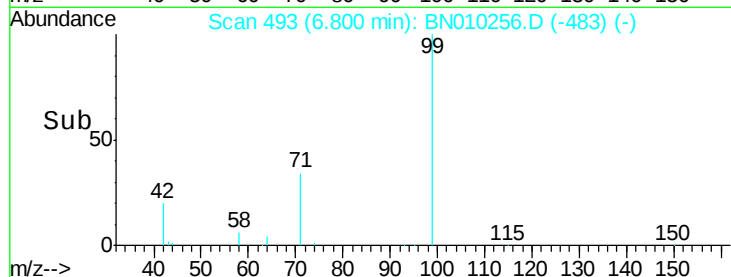
600

400

200

0

Time--> 6.70 6.80 6.90



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Tgt Ion: 136 Resp: 13021

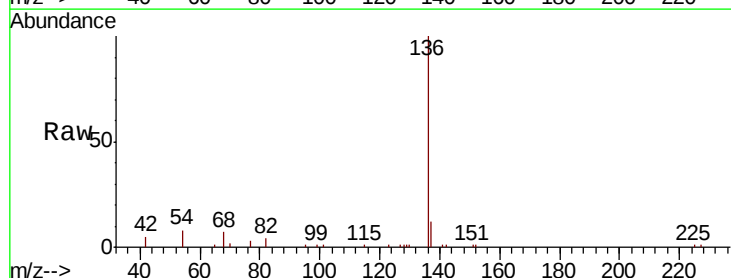
Ion Ratio Lower Upper

136 100

137 12.0 10.6 15.8

54 8.2 9.5 14.3#

68 7.1 9.7 14.5#



Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)

Ion 137.00 (136.70 to 137.70): BN010208.D (-840) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-840) (-)

Ion 68.00 (67.70 to 68.70): BN010208.D (-840) (-)

10.38

10000

8000

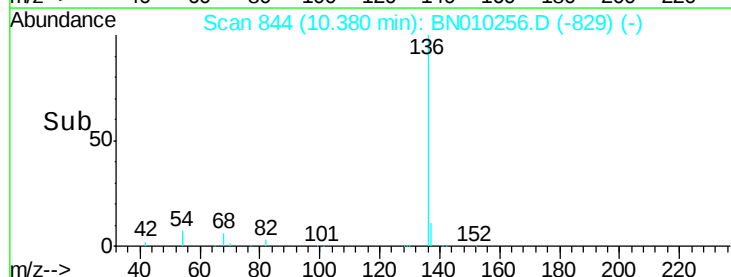
6000

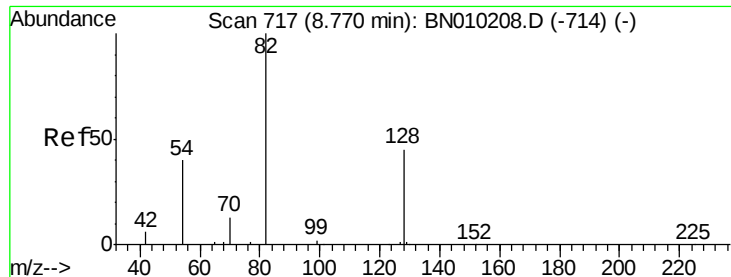
4000

2000

0

Time--> 10.20 10.40 10.60





#8

Nitrobenzene-d5

Concen: 0.399 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

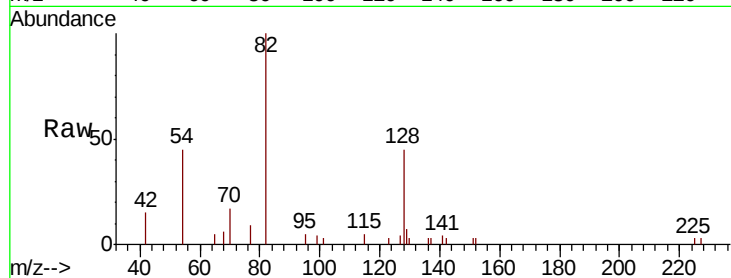
Tot Ion: 82 Resp: 3119

Ion Ratio Lower Upper

82 100

128 45.1 35.0 52.6

54 45.4 37.0 55.4

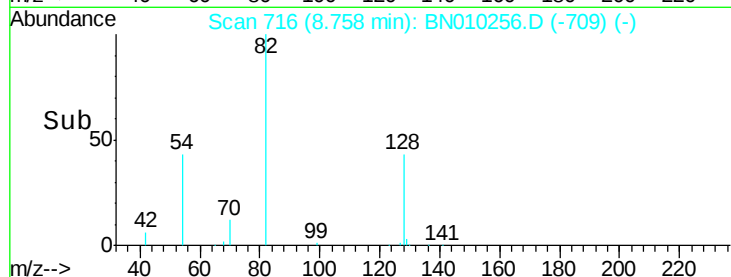


Abundance Ion 82.00 (81.70 to 82.70): BN010208.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN010208.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-714) (-)

Time-->



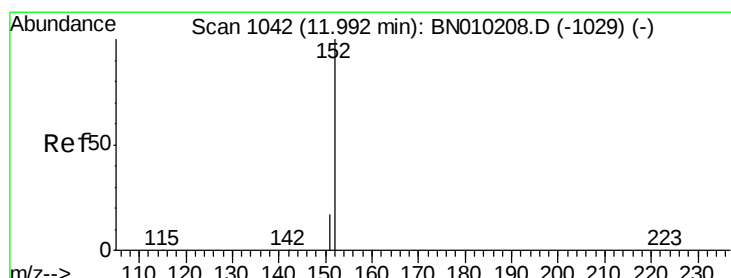
Abundance

Ion 82.00 (81.70 to 82.70): BN010208.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN010208.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-714) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010256.D

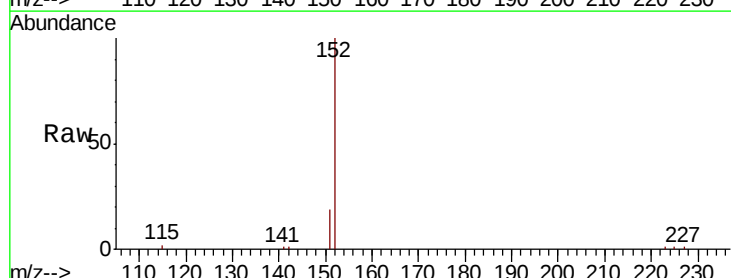
Acq: 18 Mar 2020 08:50

Tgt Ion: 152 Resp: 7454

Ion Ratio Lower Upper

152 100

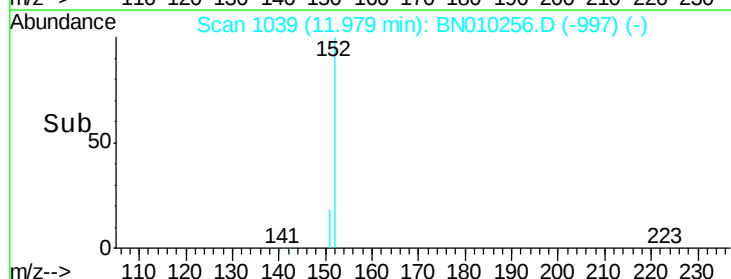
151 19.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010208.D (-1029) (-)

Ion 151.00 (150.70 to 151.70): BN010208.D (-1029) (-)

Time-->

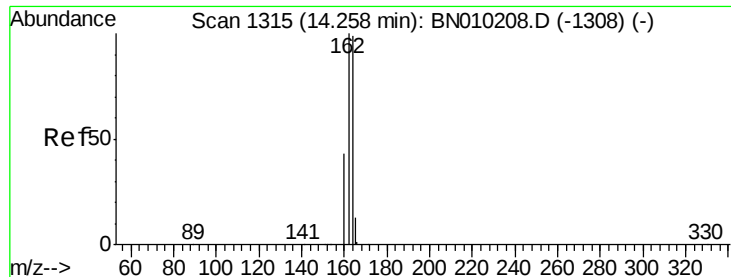


Abundance

Ion 152.00 (151.70 to 152.70): BN010208.D (-1029) (-)

Ion 151.00 (150.70 to 151.70): BN010208.D (-1029) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

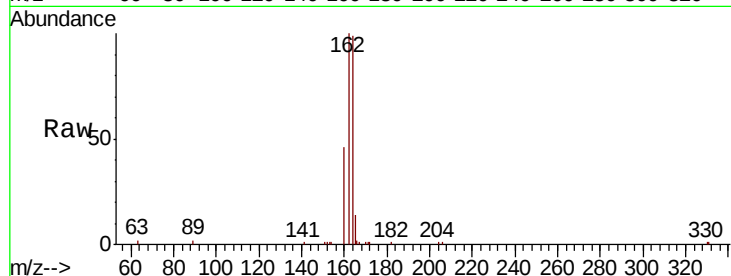
Tot Ion:164 Resp: 7978

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

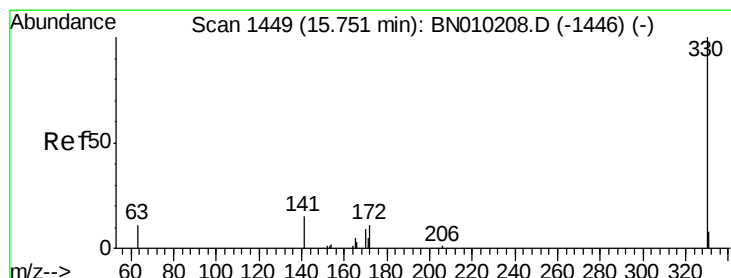
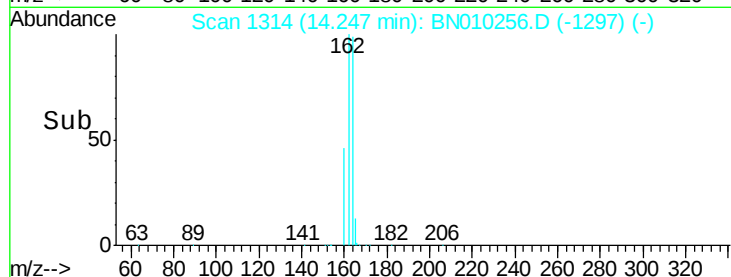
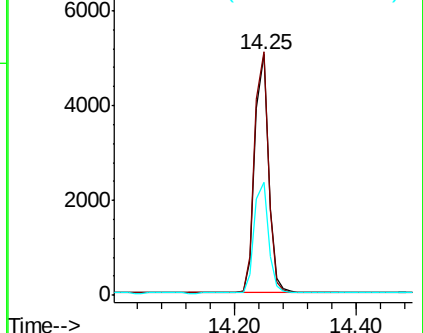
160 46.8 35.6 53.4



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: 0.309 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

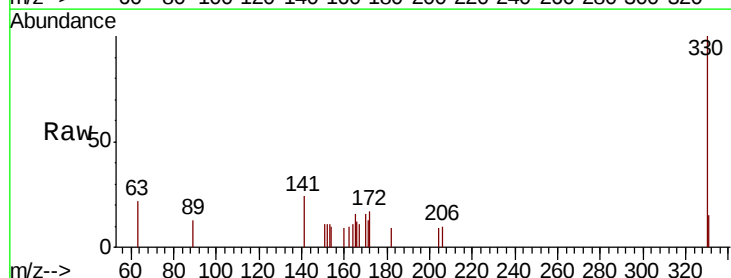
Tgt Ion:330 Resp: 883

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

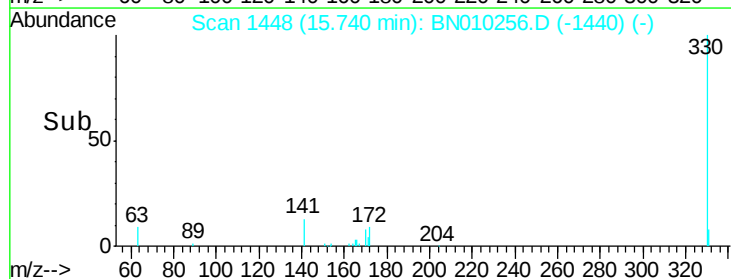
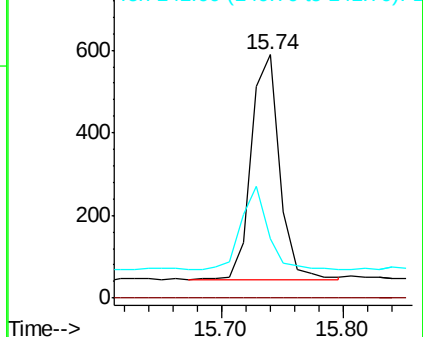
141 35.6 25.1 37.7

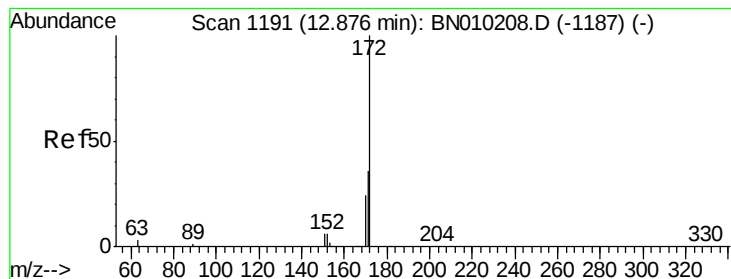


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.426 ng

RT: 12.86 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

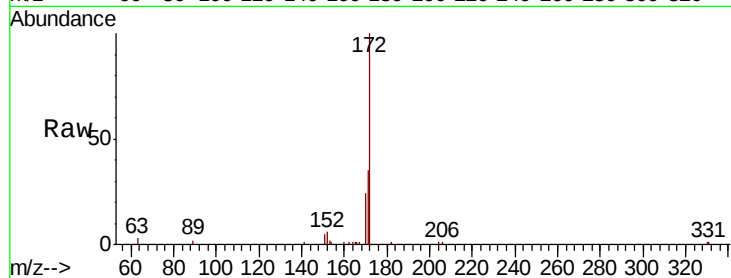
BNA_N

ClientSampleId :

EB02-20200307

Tot Ion:172 Resp: 12096

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.2
170	24.0	20.2	30.4

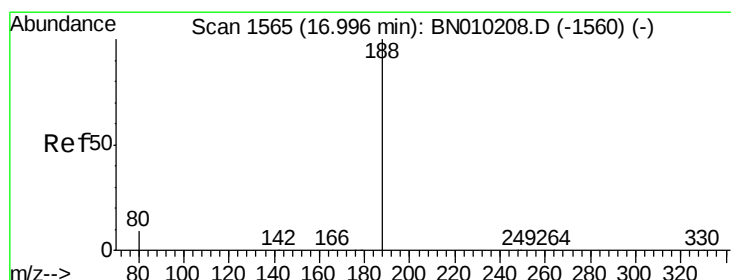
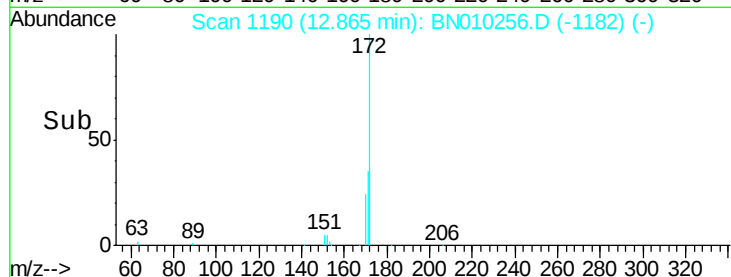
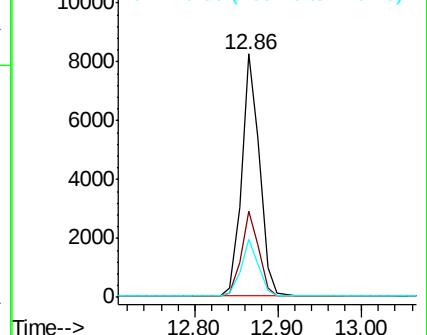


Abundance

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: 16.99 min Scan# 1564

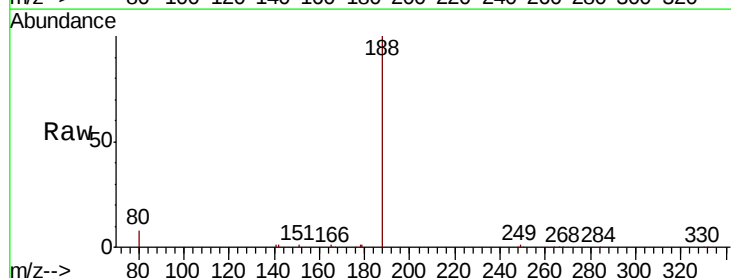
Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Tgt Ion:188 Resp: 18494

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	8.6	12.8#

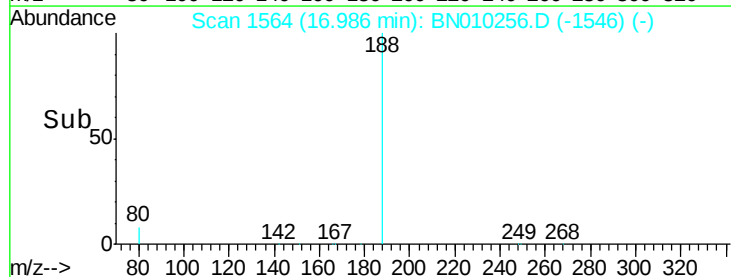
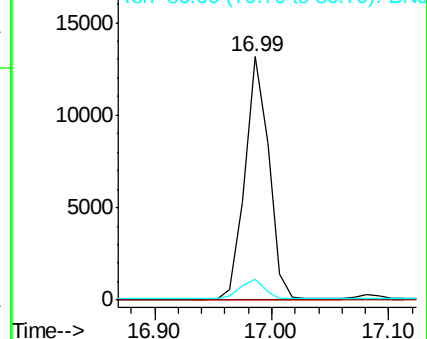


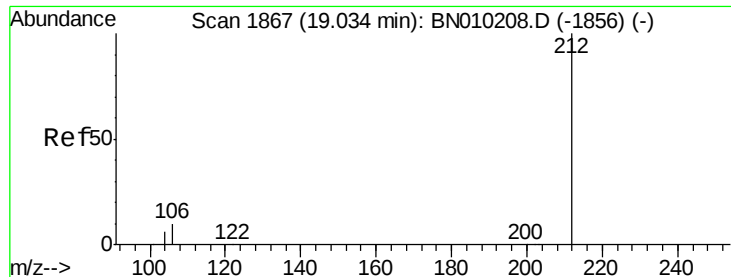
Abundance

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





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

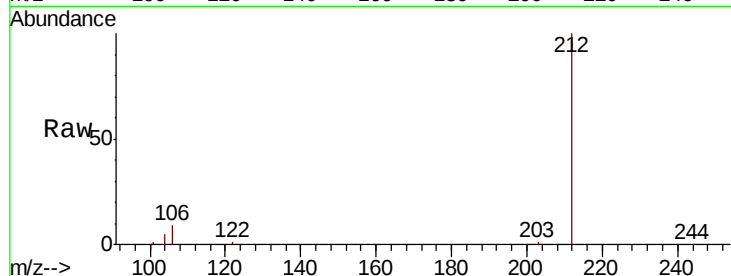
Tot Ion:212 Resp: 20751

Ion Ratio Lower Upper

212 100

106 9.7 8.1 12.1

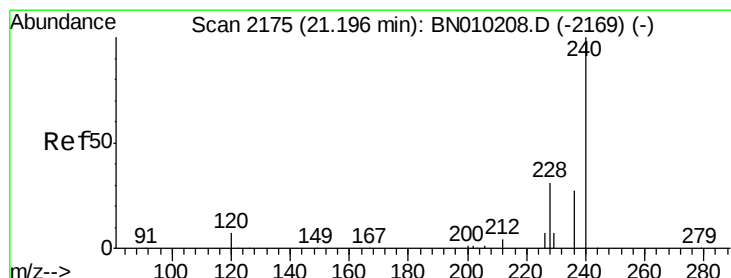
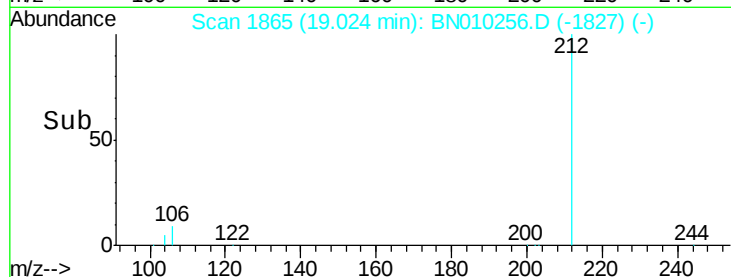
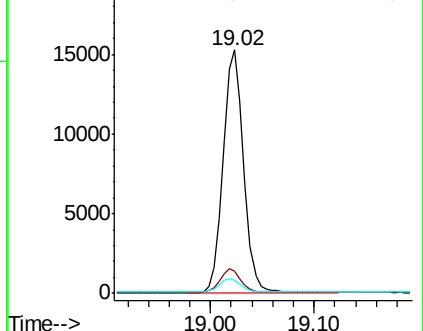
104 5.4 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

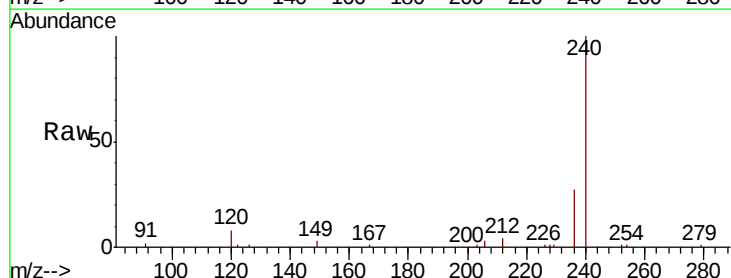
Tgt Ion:240 Resp: 19561

Ion Ratio Lower Upper

240 100

120 7.5 7.7 11.5#

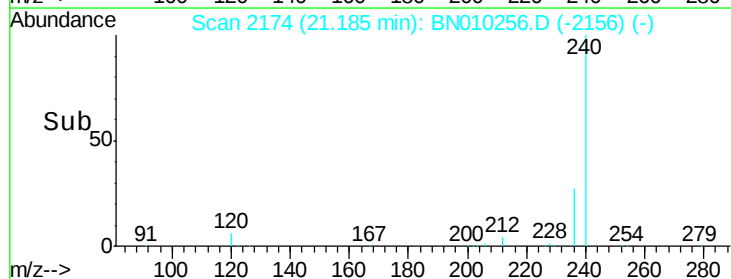
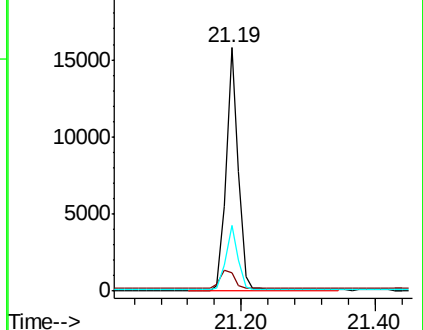
236 27.2 21.8 32.6

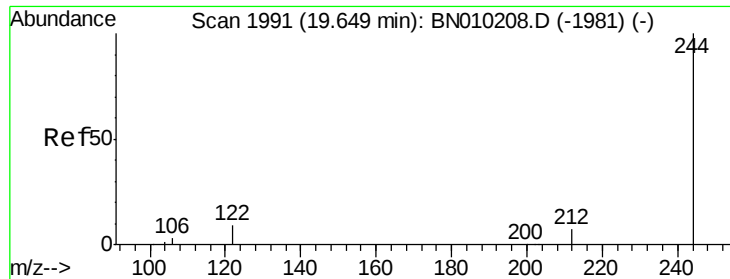


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

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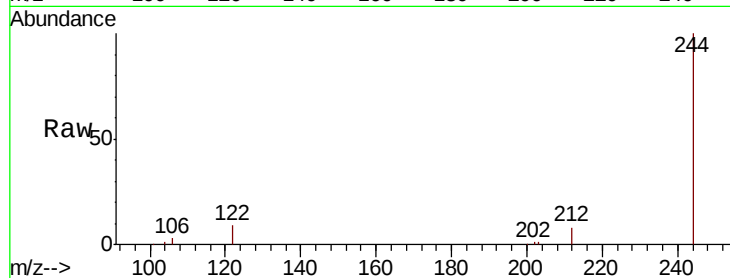
Tot Ion:244 Resp: 20338

Ion Ratio Lower Upper

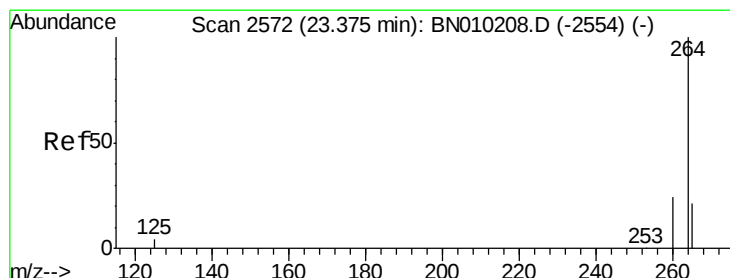
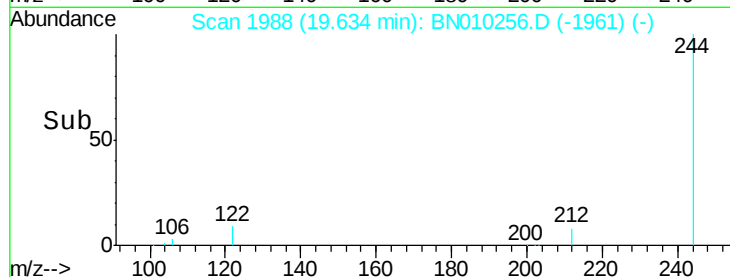
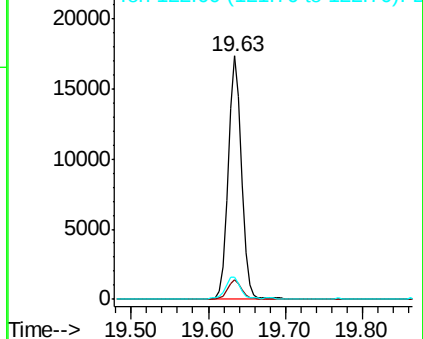
244 100

212 8.0 6.4 9.6

122 9.0 8.1 12.1



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

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

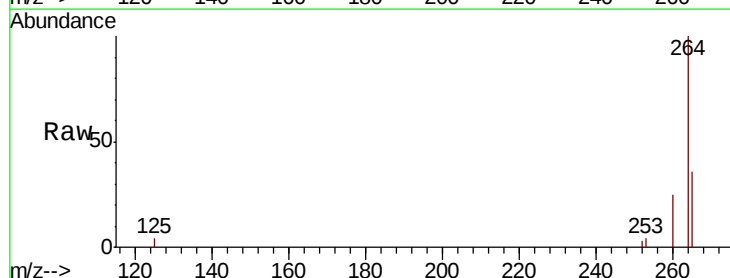
Tgt Ion:264 Resp: 23437

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 36.1 25.8 38.6



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

