

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010189.D
 Acq On : 11 Mar 2020 12:56
 Operator : CG/JU
 Sample : L1842-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 11 15:14:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

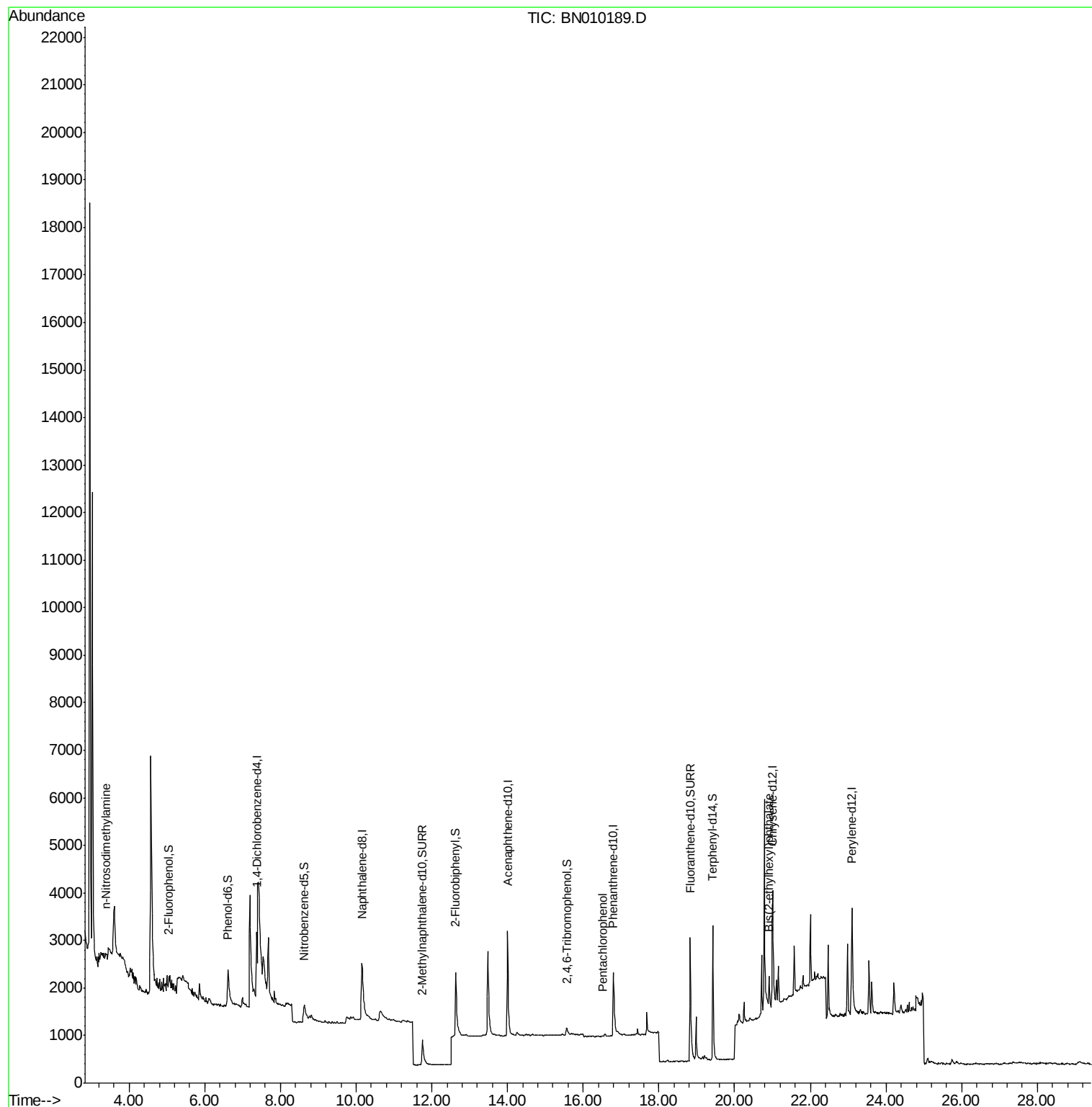
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	778	0.40	ng	-0.05
7) Naphthalene-d8	10.15	136	3368	0.40	ng	-0.03
13) Acenaphthene-d10	14.00	164	1608	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	3334	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3598	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3915	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	359	0.21	ng	-0.02
5) Phenol-d6	6.59	99	246	0.12	ng	-0.06
8) Nitrobenzene-d5	8.63	82	696	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	11.75	152	1475	0.23	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	199	0.32	ng	-0.02
15) 2-Fluorobiphenyl	12.63	172	2138	0.35	ng	-0.06
25) Fluoranthene-d10	18.83	212	4275	0.37	ng	-0.03
29) Terphenyl-d14	19.42	244	3823	0.44	ng	-0.05
Target Compounds						
3) n-Nitrosodimethylamine	3.37	42	42	0.032	ng	# 30
20) 4-Bromophenyl-phenylether	16.01	248	29	Below Cal		# 73
22) Pentachlorophenol	16.51	266	6	0.187	ng	# 75
32) Bis(2-ethylhexyl)phthalate	20.91	149	621	0.107	ng	97

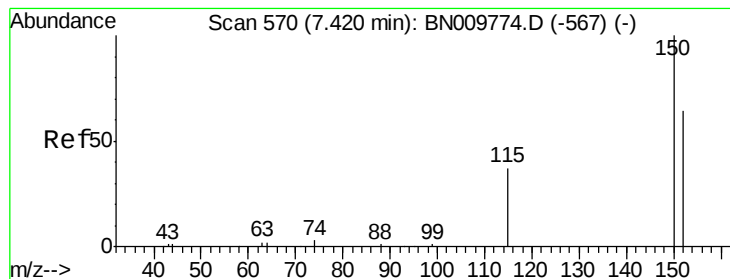
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010189.D
Acq On : 11 Mar 2020 12:56
Operator : CG/JU
Sample : L1842-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 11 15:14:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



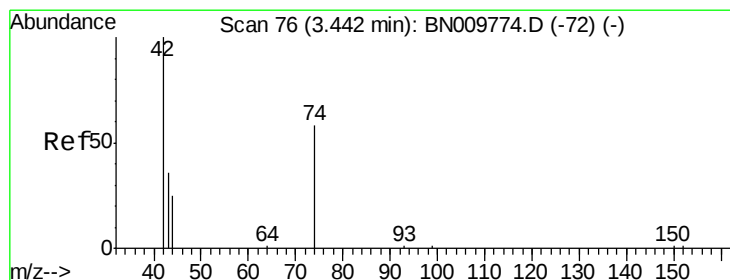
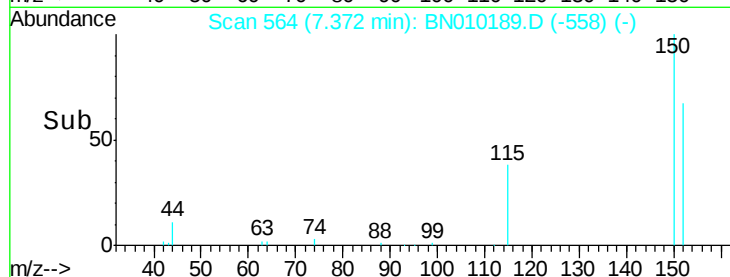
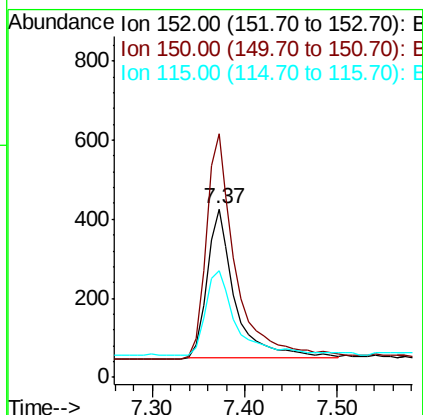
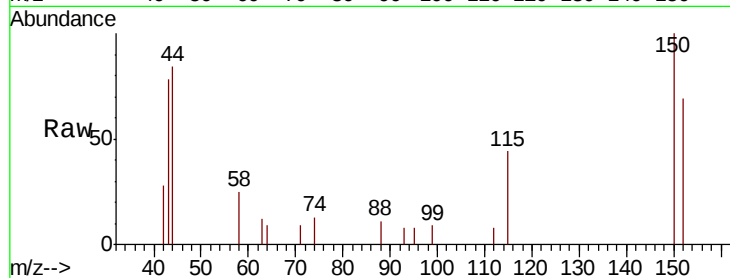


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010189.D
Acq: 11 Mar 2020 12:56

Instrument :
BNA_N
ClientSampleId :

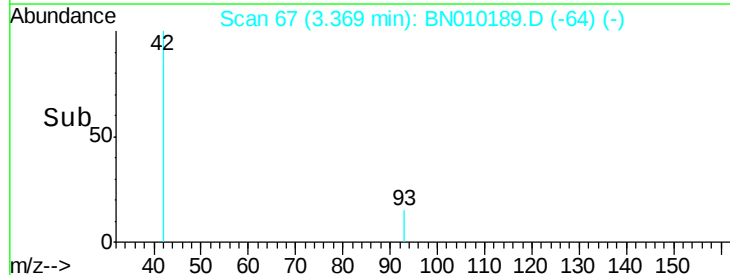
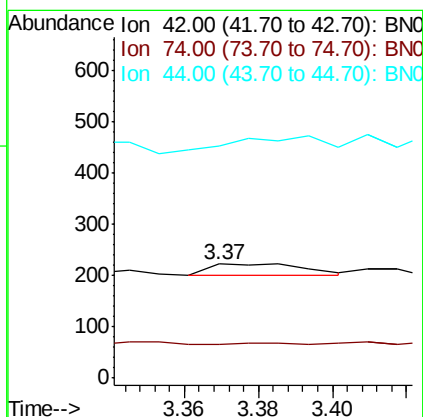
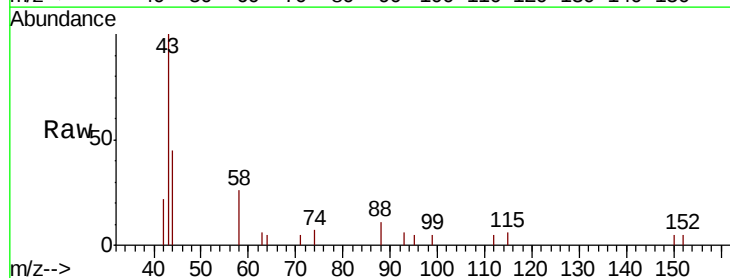
Tot Ion:152 Resp: 778
Ion Ratio Lower Upper
152 100
150 144.6 120.6 181.0
115 63.1 51.2 76.8

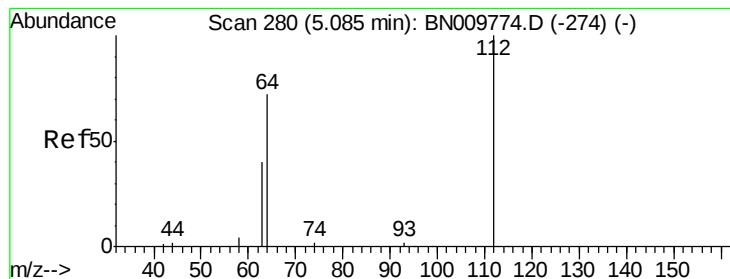


#3

n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.37 min Scan# 67
Delta R.T. -0.07 min
Lab File: BN010189.D
Acq: 11 Mar 2020 12:56

Tgt Ion: 42 Resp: 42
Ion Ratio Lower Upper
42 100
74 7.1 51.2 76.8#
44 0.0 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.208 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

Instrument :

BNA_N

ClientSampleId :

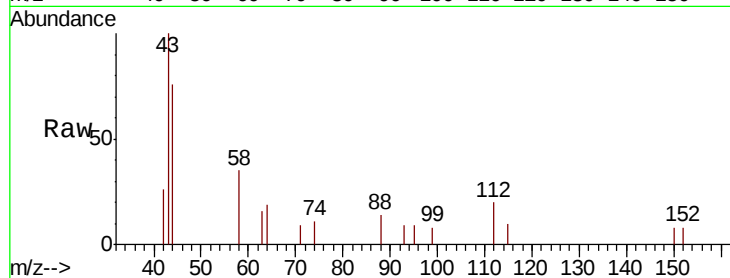
Tot Ion:112 Resp: 359

Ion Ratio Lower Upper

112 100

64 78.0 65.8 98.6

63 33.7 38.7 58.1#



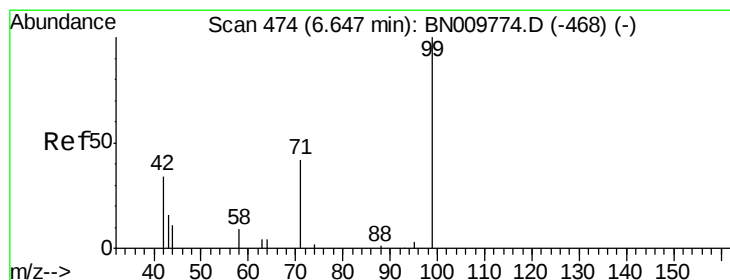
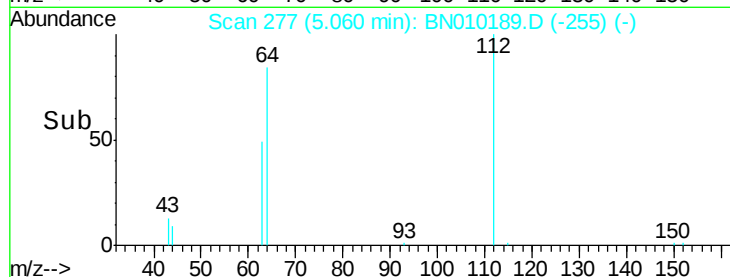
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BN

Ion 63.00 (62.70 to 63.70): BN

5.06

Time-->



#5

Phenol-d6

Concen: 0.117 ng

RT: 6.59 min Scan# 467

Delta R.T. -0.06 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

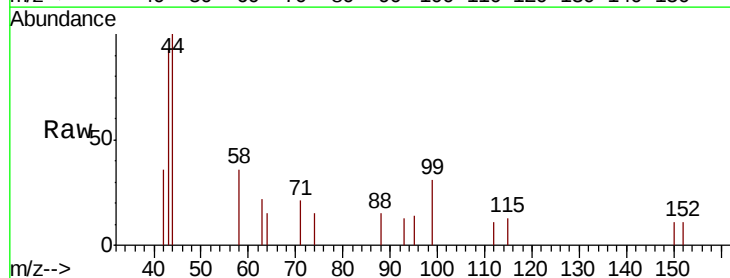
Tgt Ion: 99 Resp: 246

Ion Ratio Lower Upper

99 100

42 90.7 30.8 46.2#

71 37.8 34.9 52.3



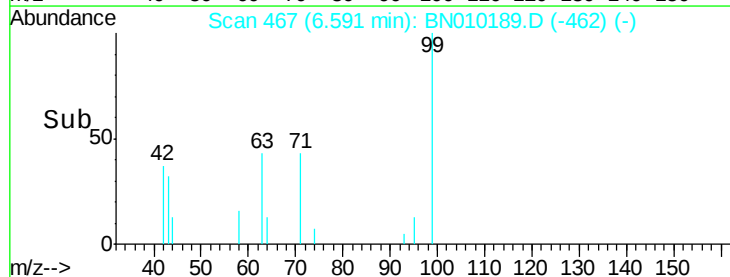
Abundance Ion 99.00 (98.70 to 99.70): BN

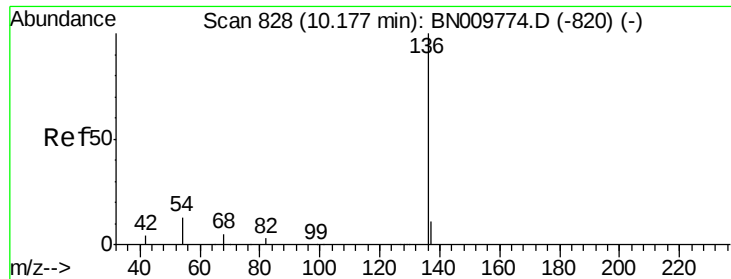
Ion 42.00 (41.70 to 42.70): BN

Ion 71.00 (70.70 to 71.70): BN

6.59

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3368

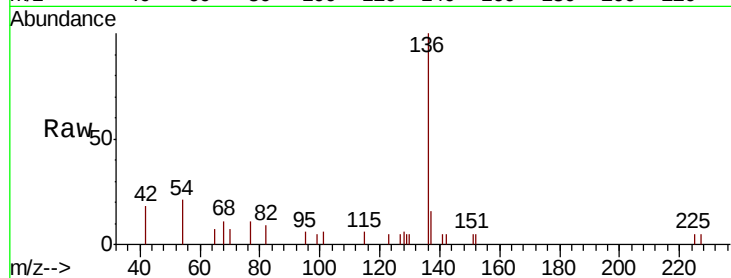
Ion Ratio Lower Upper

136 100

137 16.1 11.3 16.9

54 20.8 13.4 20.2#

68 11.0 7.0 10.4#

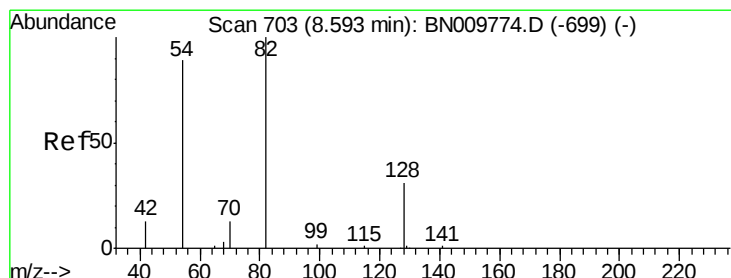
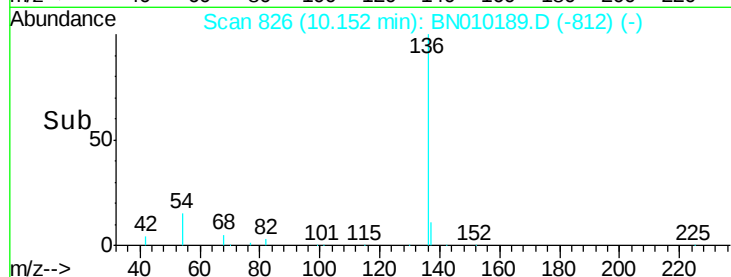
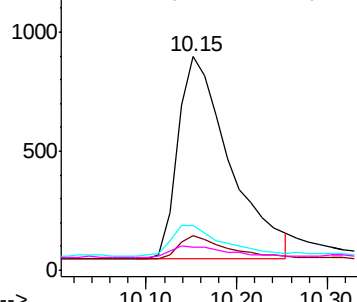


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.248 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

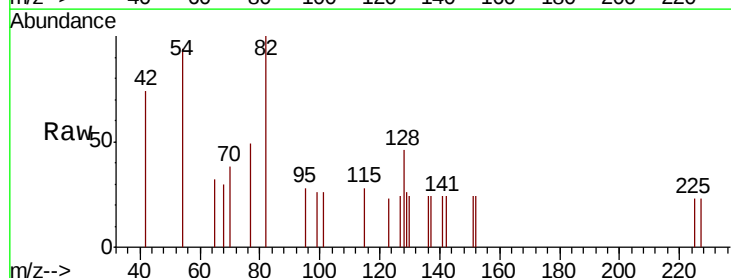
Tgt Ion: 82 Resp: 696

Ion Ratio Lower Upper

82 100

128 45.8 32.5 48.7

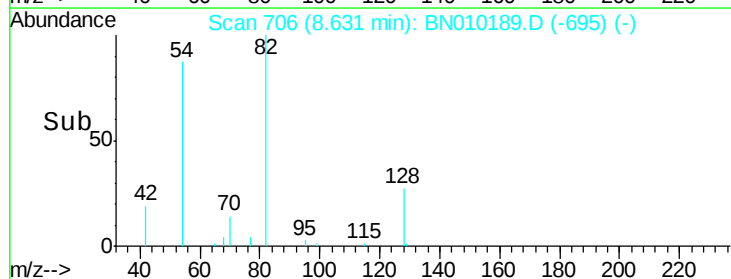
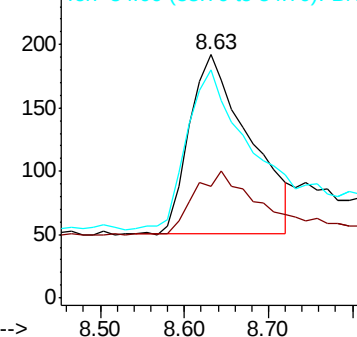
54 93.8 73.5 110.3

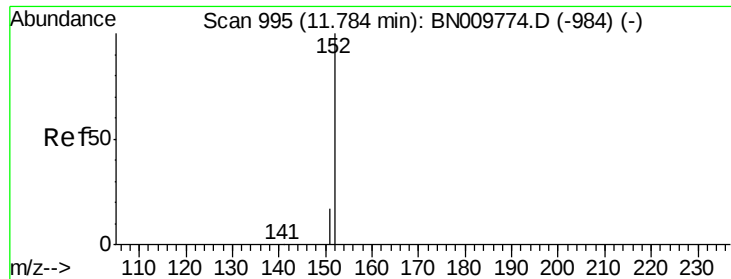


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

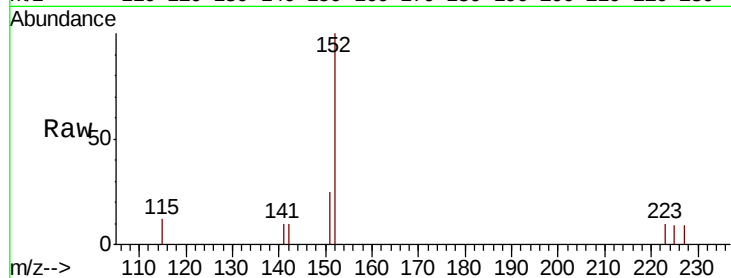




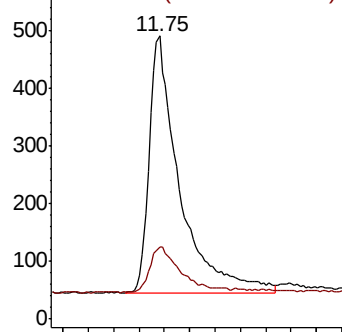
#11
2-Methylnaphthalene-d10
Concen: 0.226 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.03 min
Lab File: BN010189.D
Acq: 11 Mar 2020 12:56

Instrument :
BNA_N
ClientSampled :

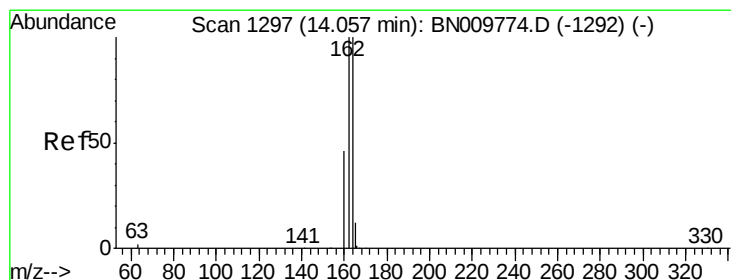
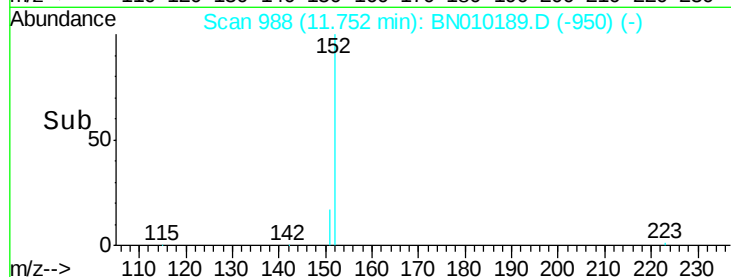
Tot Ion:152 Resp: 1475
Ion Ratio Lower Upper
152 100
151 17.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

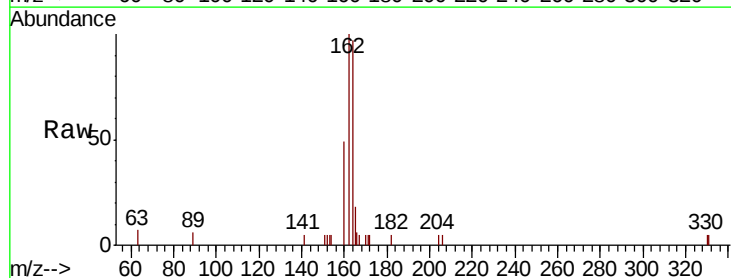


Time--> 11.60 11.80 12.00

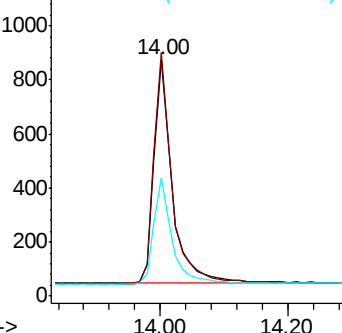


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010189.D
Acq: 11 Mar 2020 12:56

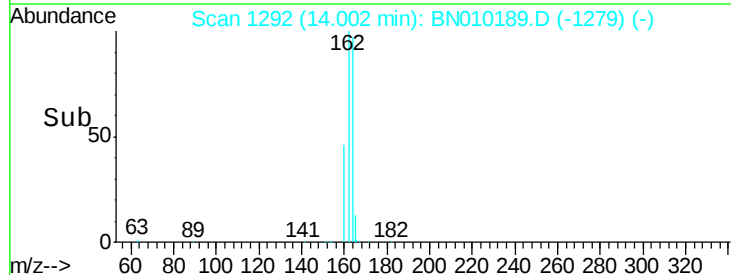
Tgt Ion:164 Resp: 1608
Ion Ratio Lower Upper
164 100
162 103.1 79.9 119.9
160 50.1 38.2 57.2

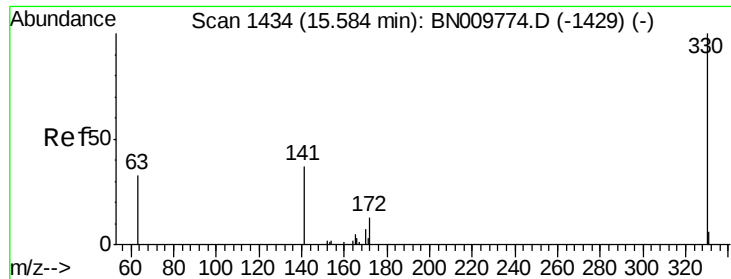


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time--> 14.00 14.20

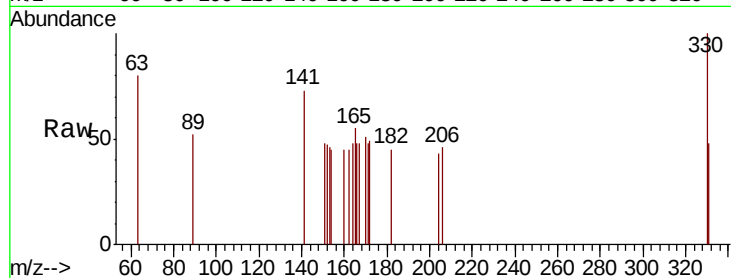




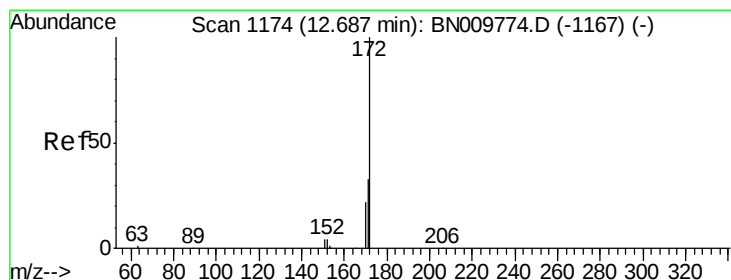
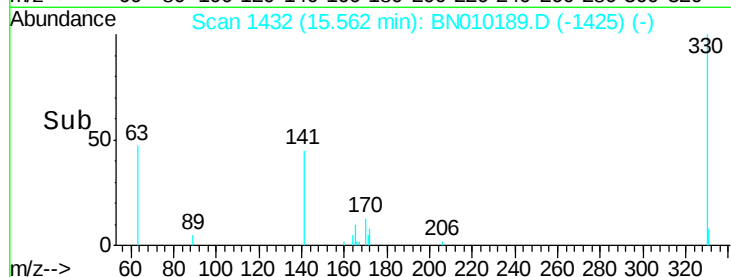
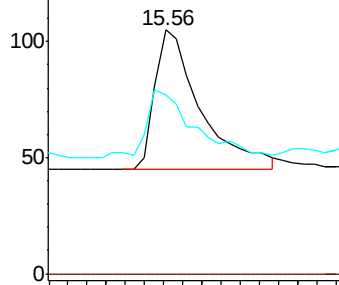
#14
 2,4,6-Tribromophenol
 Concen: 0.321 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010189.D
 Acq: 11 Mar 2020 12:56

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 199
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 51.3 36.8 55.2

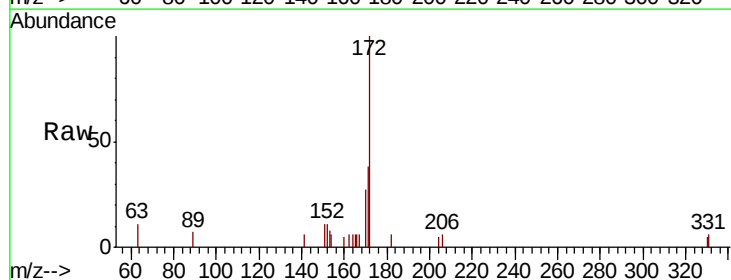


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

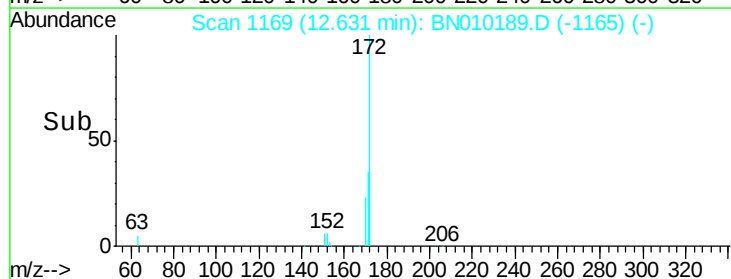
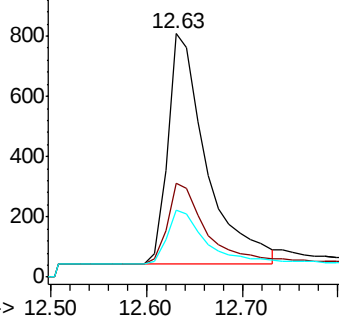


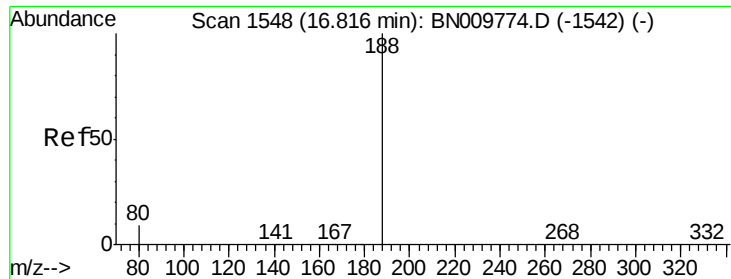
#15
 2-Fluorobiphenyl
 Concen: 0.352 ng
 RT: 12.63 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BN010189.D
 Acq: 11 Mar 2020 12:56

Tgt Ion:172 Resp: 2138
 Ion Ratio Lower Upper
 172 100
 171 38.5 28.7 43.1
 170 27.5 20.1 30.1



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: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

Instrument :

BNA_N

ClientSampleId :

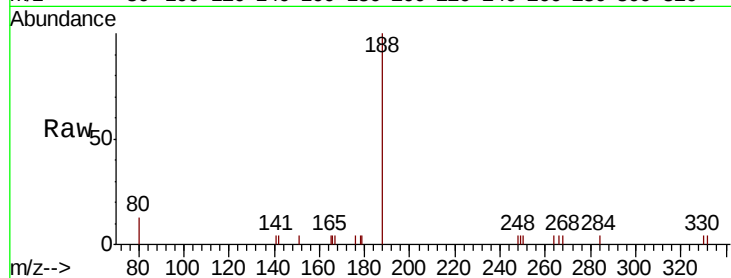
Tot Ion:188 Resp: 3334

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

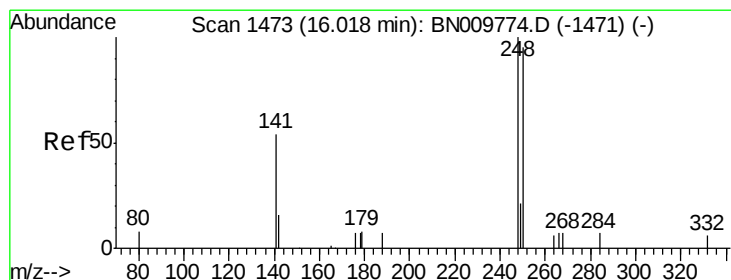
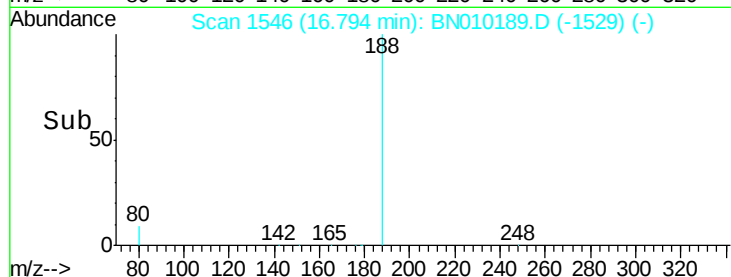
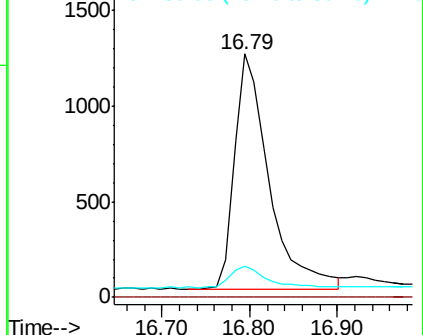
80 12.8 8.3 12.5#



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-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

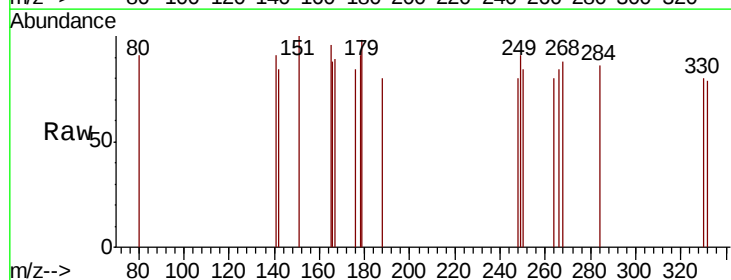
Tgt Ion:248 Resp: 29

Ion Ratio Lower Upper

248 100

250 104.4 76.2 114.4

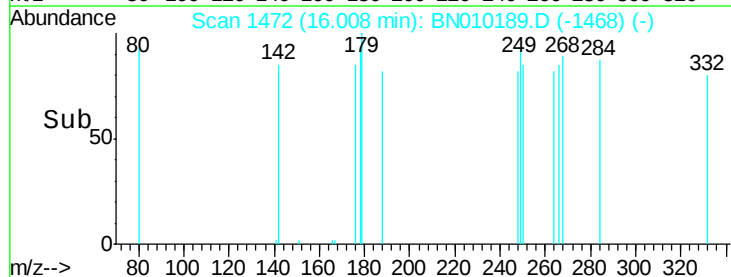
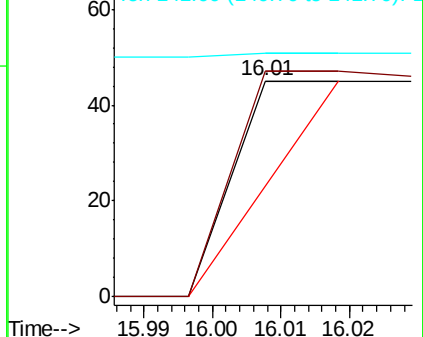
141 113.3 57.8 86.6#

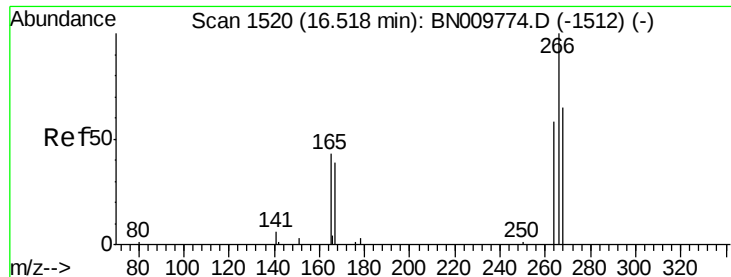


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.187 ng

RT: 16.51 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

Instrument :

BNA_N

ClientSampleId :

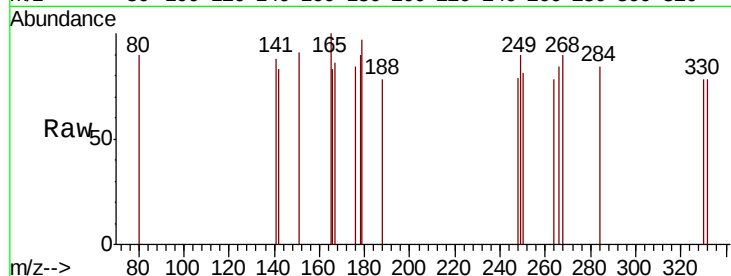
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.8 58.1 87.1#

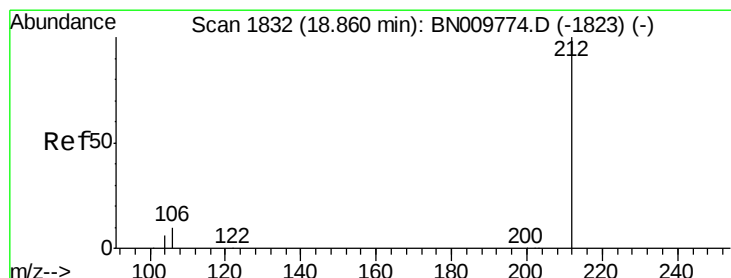
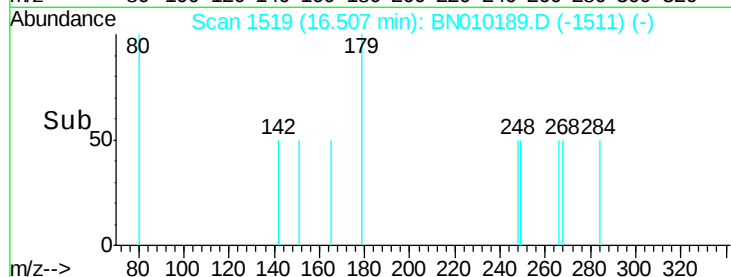
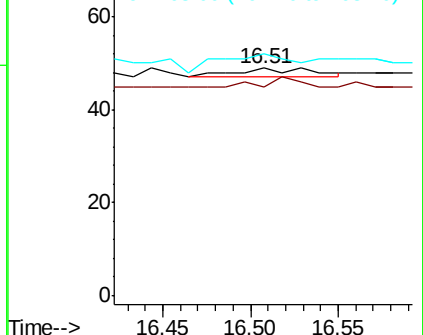
268 106.1 65.7 98.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

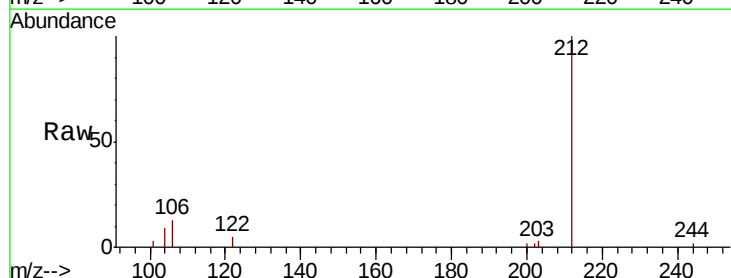
Tgt Ion:212 Resp: 4275

Ion Ratio Lower Upper

212 100

106 11.2 8.4 12.6

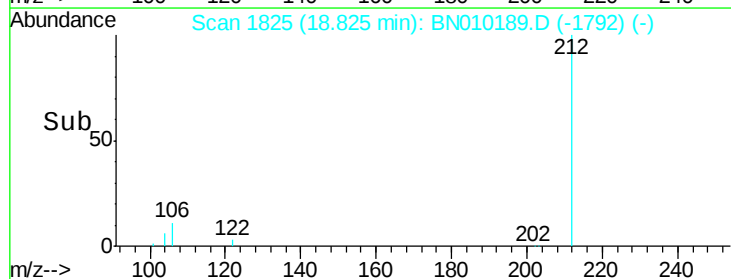
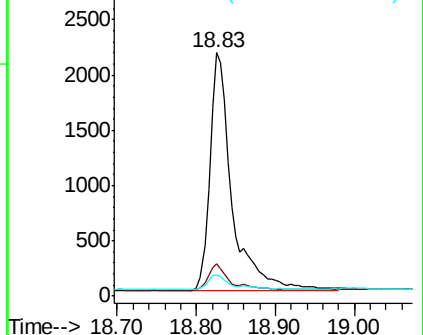
104 5.3 4.8 7.2

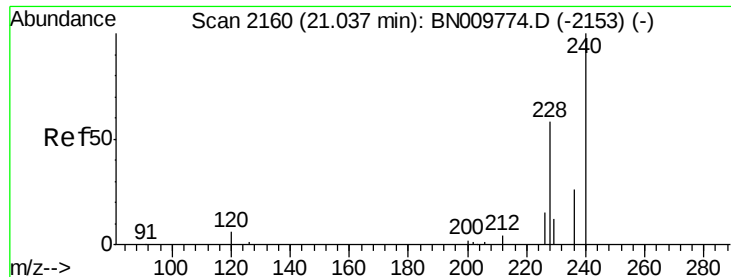


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

Instrument :

BNA_N

ClientSampleId :

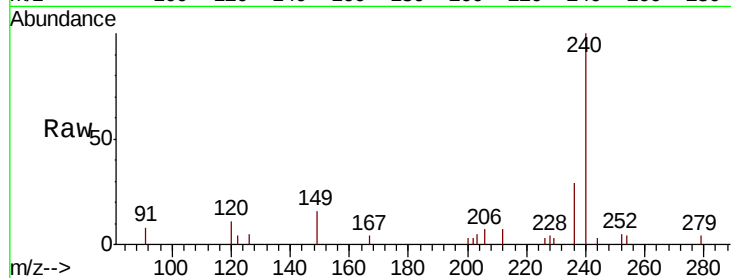
Tot Ion:240 Resp: 3598

Ion Ratio Lower Upper

240 100

120 11.2 7.9 11.9

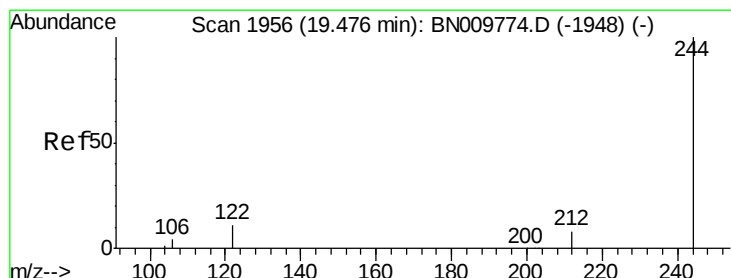
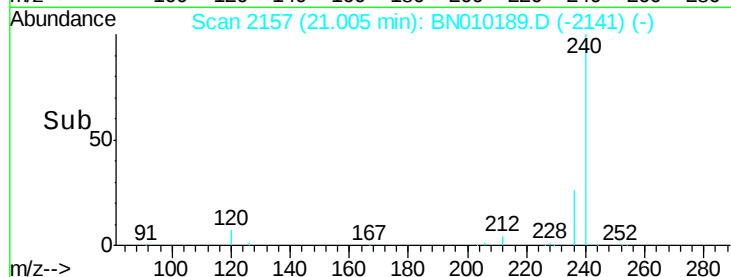
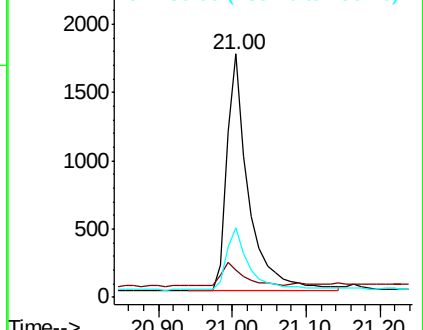
236 28.7 22.0 33.0



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: 0.445 ng

RT: 19.42 min Scan# 1945

Delta R.T. -0.05 min

Lab File: BN010189.D

Acq: 11 Mar 2020 12:56

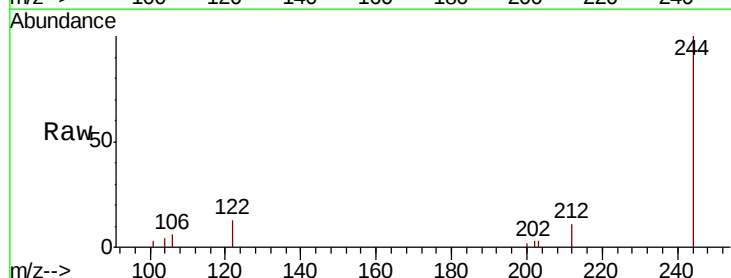
Tgt Ion:244 Resp: 3823

Ion Ratio Lower Upper

244 100

212 10.7 8.0 12.0

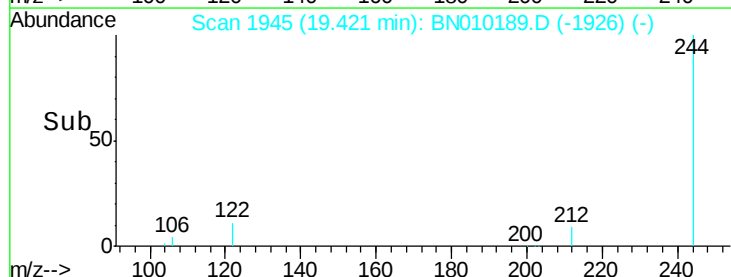
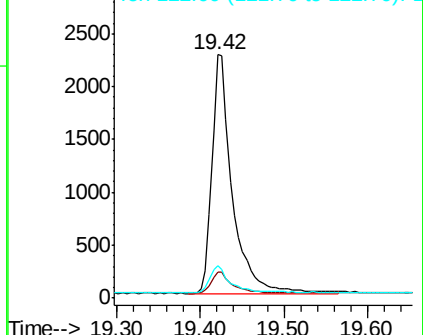
122 13.3 10.0 15.0

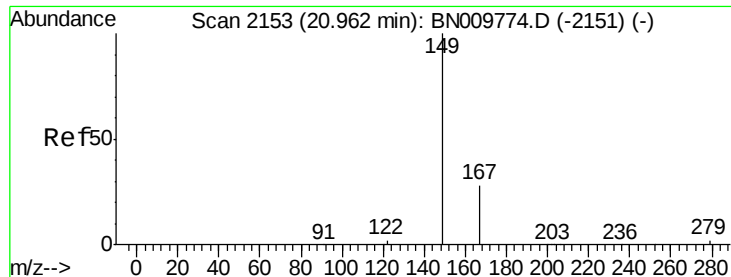


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

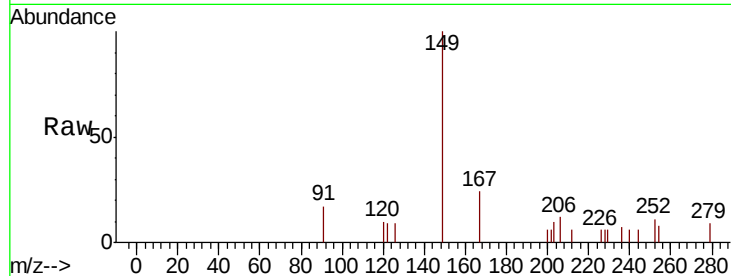




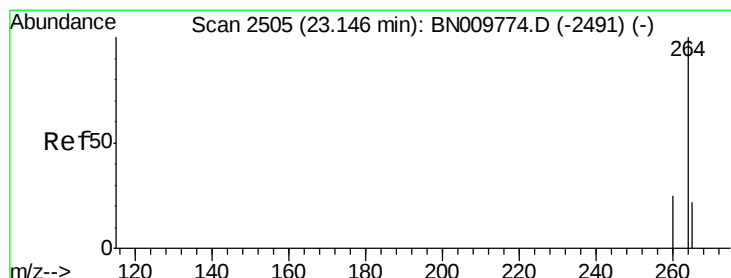
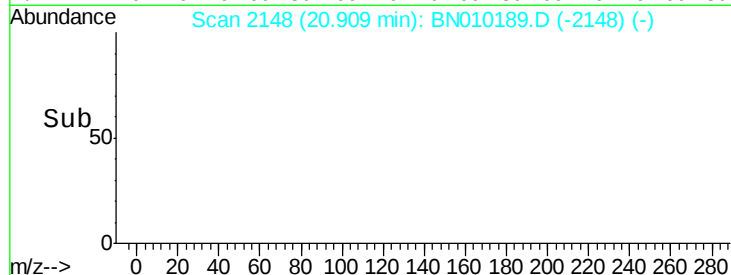
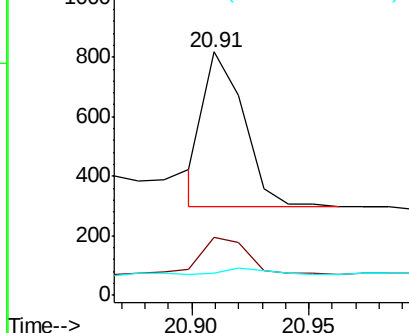
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 20.91 min Scan# 2148
 Delta R.T. -0.05 min
 Lab File: BN010189.D
 Acq: 11 Mar 2020 12:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 621
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.7 34.1
 279 4.0 3.1 4.7

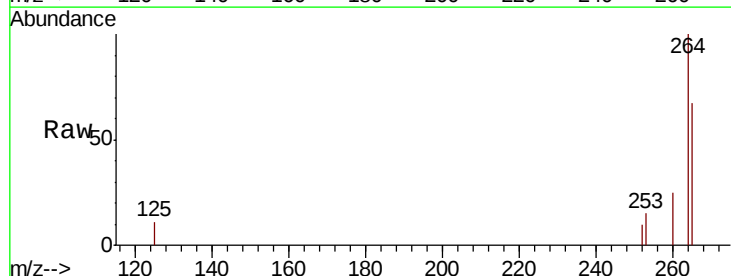


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.05 min
 Lab File: BN010189.D
 Acq: 11 Mar 2020 12:56

Tgt Ion:264 Resp: 3915
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.1 31.7
 265 67.4 57.5 86.3



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

