

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010181.D
 Acq On : 11 Mar 2020 08:08
 Operator : CG/JU
 Sample : L1842-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20200305

Quant Time: Mar 11 08:44:48 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

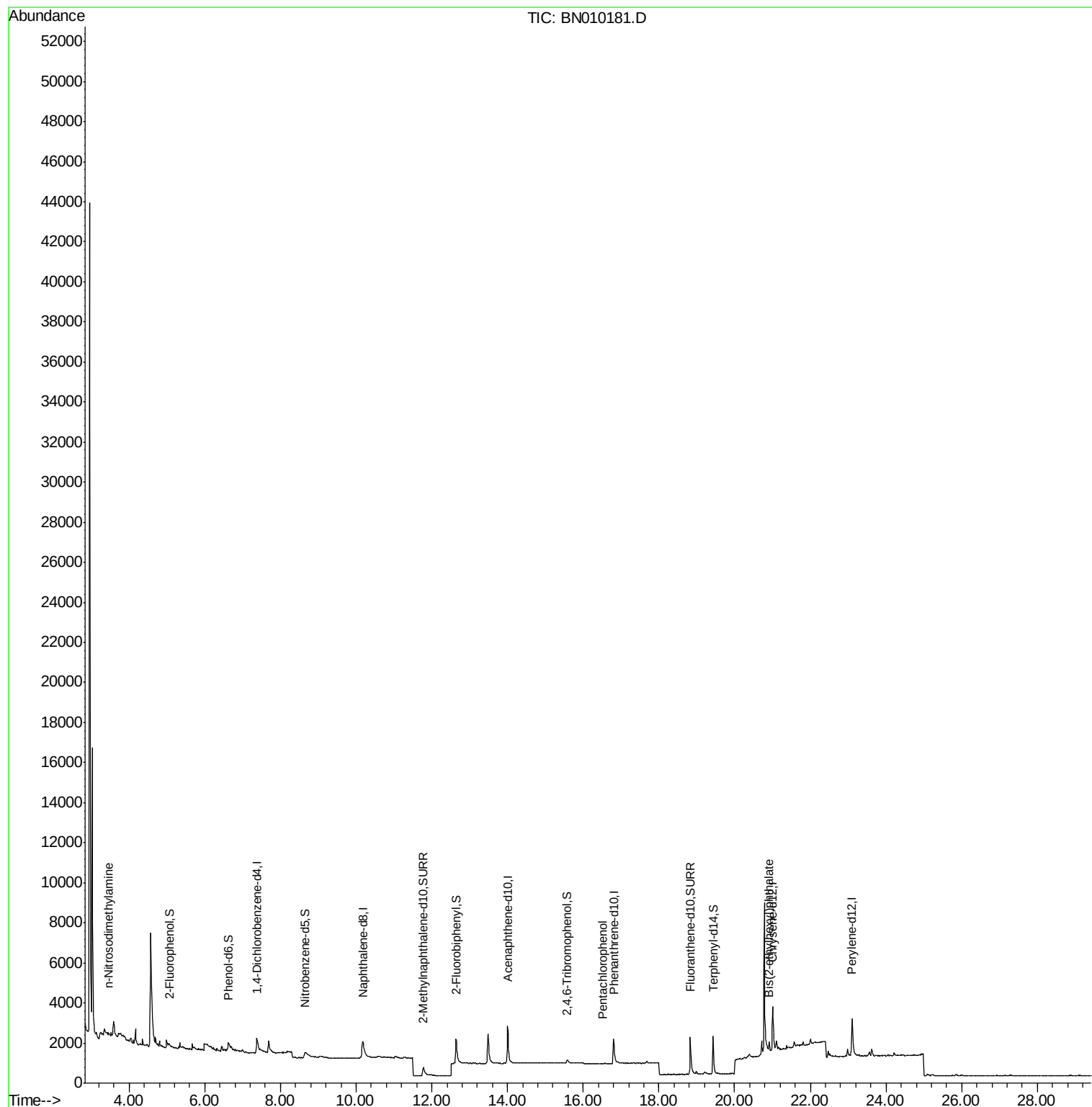
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	804	0.40	ng	-0.04
7) Naphthalene-d8	10.18	136	2617	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1562	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	2940	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3478	0.40	ng	-0.03
34) Perylene-d12	23.11	264	3351	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	304	0.17	ng	-0.02
5) Phenol-d6	6.61	99	218	0.10	ng	-0.04
8) Nitrobenzene-d5	8.66	82	605	0.28	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1297	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.57	330	197	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	1946	0.33	ng	-0.04
25) Fluoranthene-d10	18.83	212	3342	0.33	ng	-0.03
29) Terphenyl-d14	19.43	244	3026	0.36	ng	-0.04
Target Compounds						
3) n-Nitrosodimethylamine	3.46	42	29	0.021	ng	# 1
20) 4-Bromophenyl-phenylether	16.01	248	88	Below Cal		# 77
22) Pentachlorophenol	16.52	266	5	0.187	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.91	149	526	0.093	ng	# 90

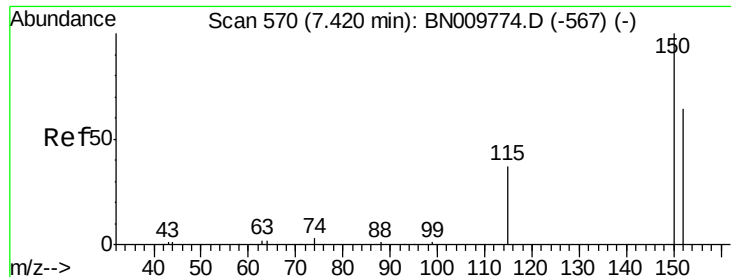
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
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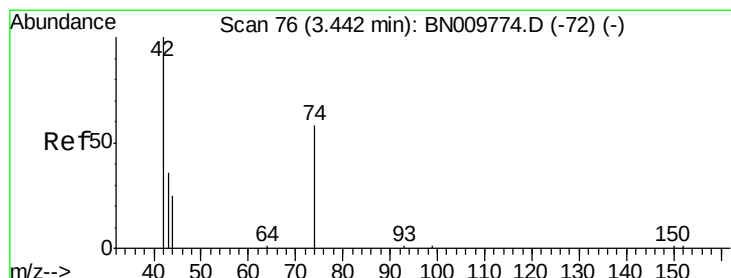
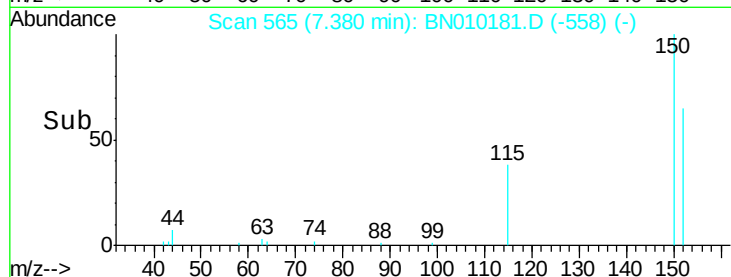
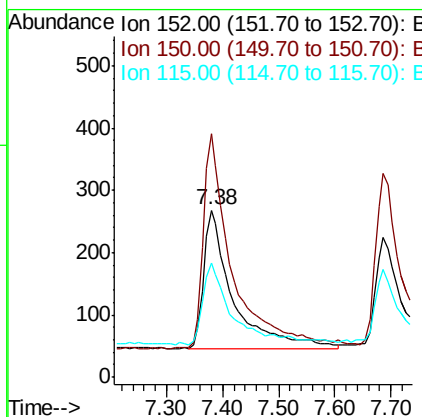
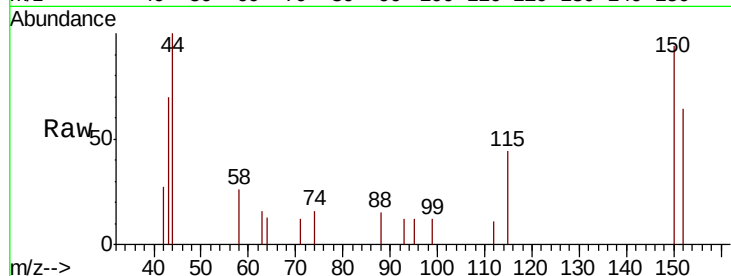


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

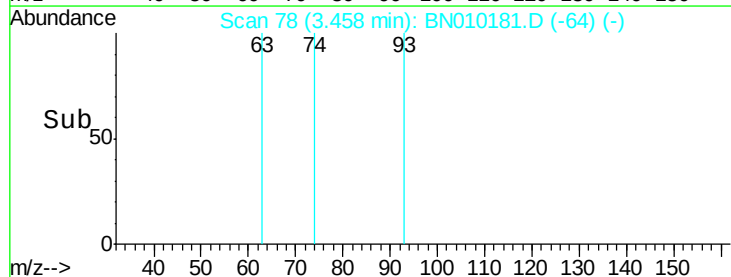
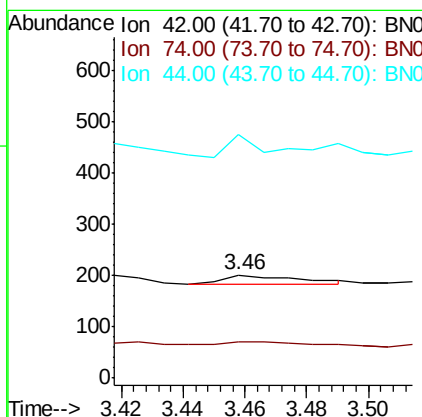
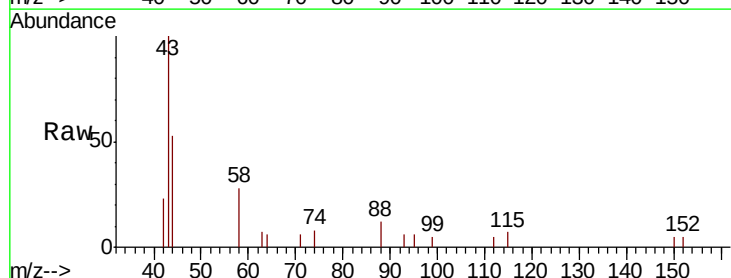
Tot Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
150 145.9 120.6 181.0
115 68.7 51.2 76.8

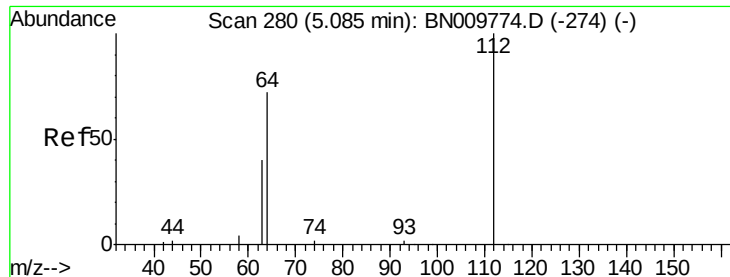


#3

n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.46 min Scan# 78
Delta R.T. 0.02 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion: 42 Resp: 29
Ion Ratio Lower Upper
42 100
74 0.0 51.2 76.8#
44 148.3 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.170 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200305

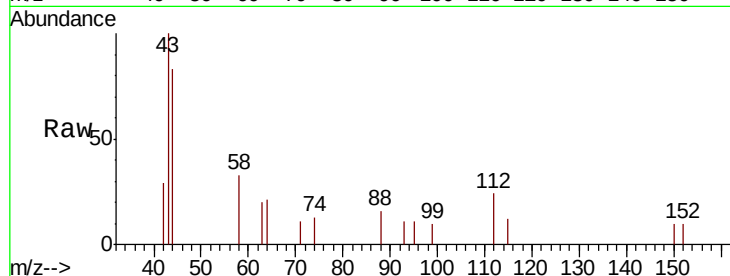
Tot Ion: 112 Resp: 304

Ion Ratio Lower Upper

112 100

64 79.9 65.8 98.6

63 46.4 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

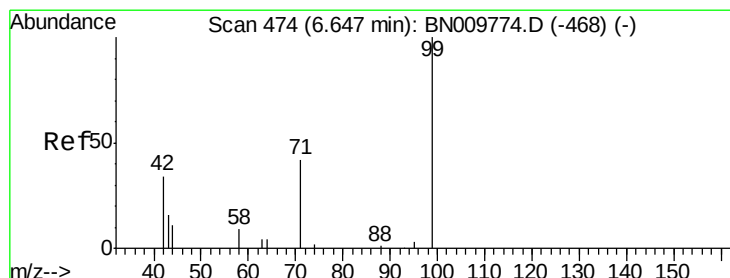
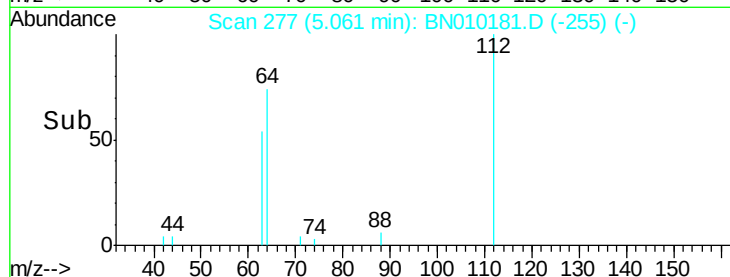
100

50

0

Time-->

5.00 5.10 5.20



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.61 min Scan# 469

Delta R.T. -0.04 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

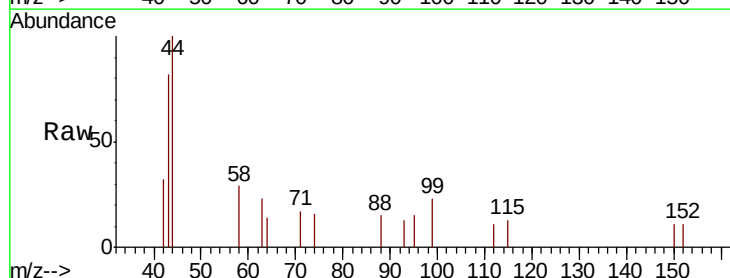
Tgt Ion: 99 Resp: 218

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 22.9 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

6.61

200

150

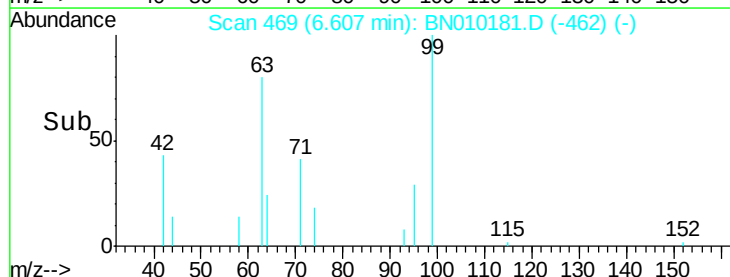
100

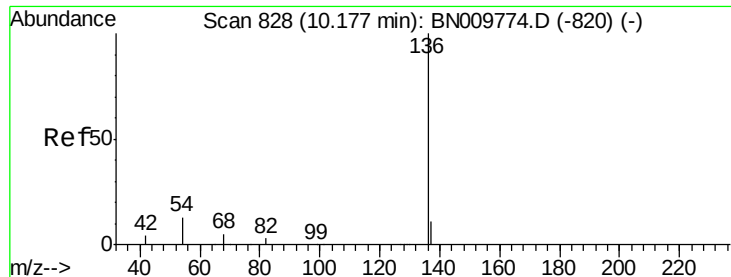
50

0

Time-->

6.50 6.60 6.70 6.80





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200305

Tot Ion:136 Resp: 2617

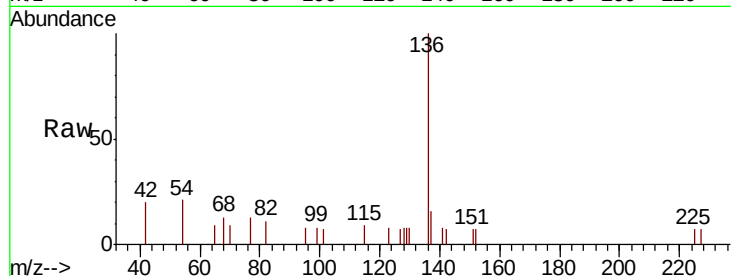
Ion Ratio Lower Upper

136 100

137 16.3 11.3 16.9

54 20.8 13.4 20.2#

68 12.7 7.0 10.4#

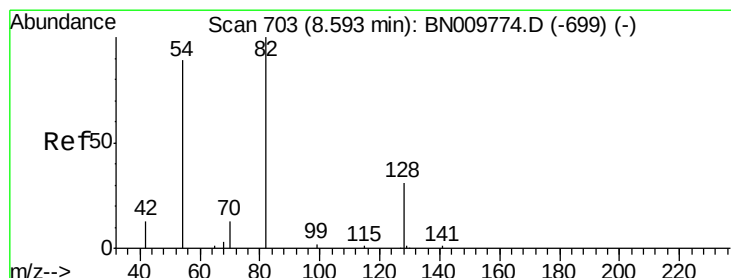
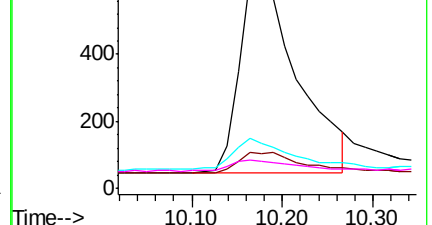
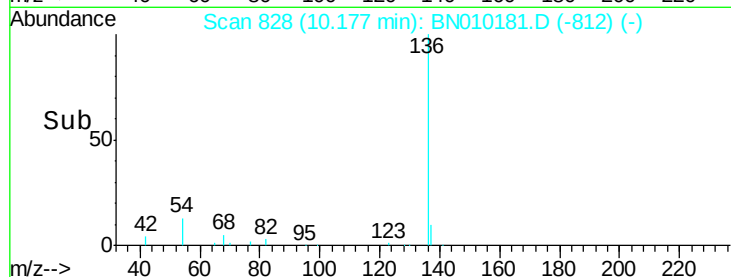


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

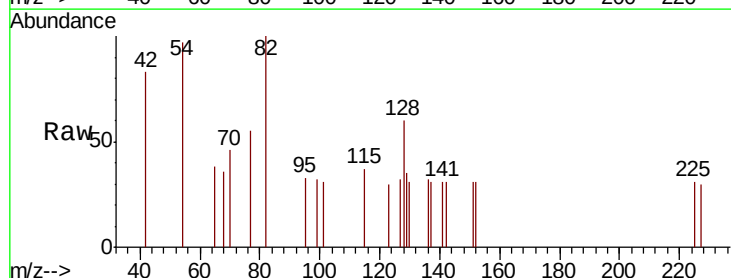
Tgt Ion: 82 Resp: 605

Ion Ratio Lower Upper

82 100

128 60.0 32.5 48.7#

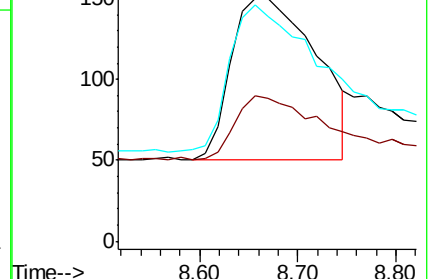
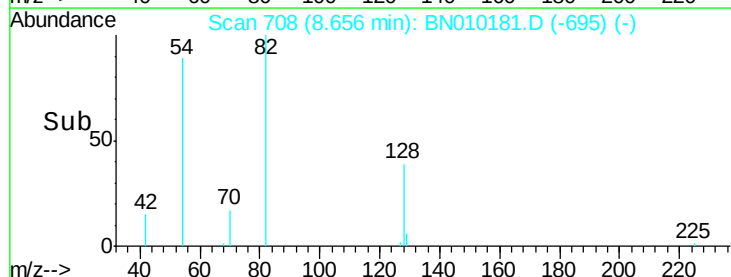
54 97.3 73.5 110.3

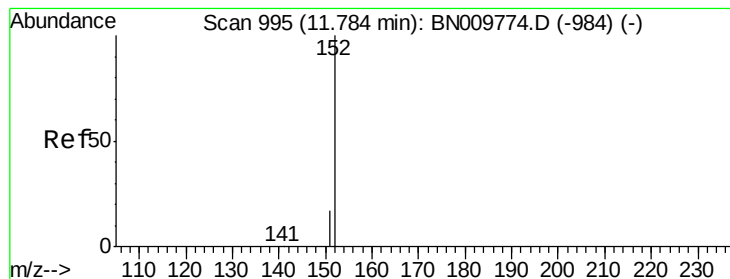


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.256 ng

RT: 11.77 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

Instrument :

BNA_N

ClientSampleId :

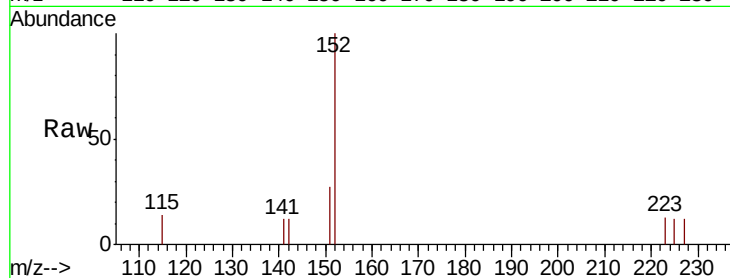
RE134D3-20200305

Tot Ion:152 Resp: 1297

Ion Ratio Lower Upper

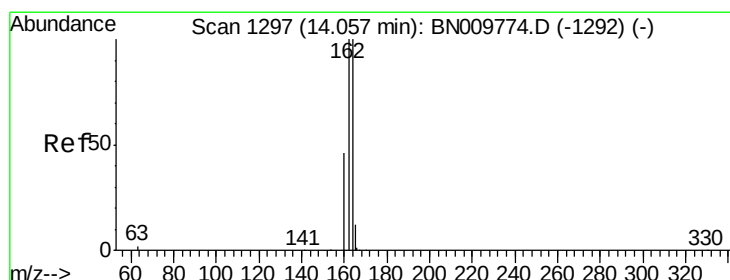
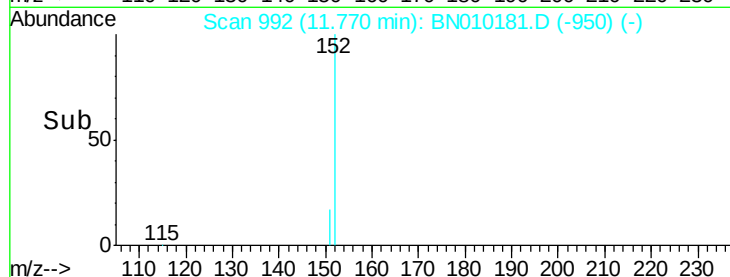
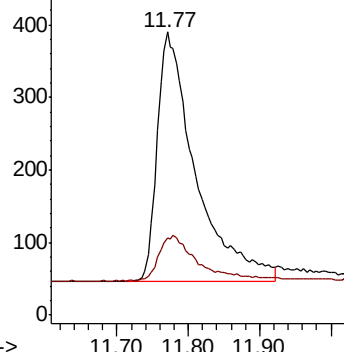
152 100

151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

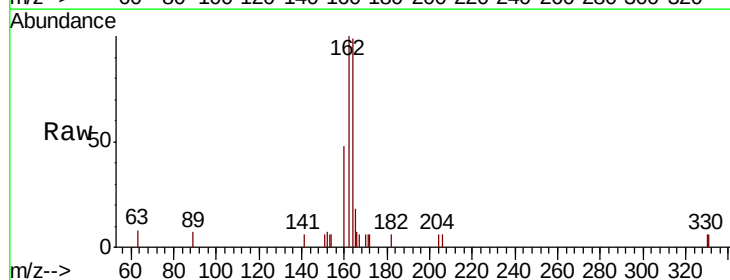
Tgt Ion:164 Resp: 1562

Ion Ratio Lower Upper

164 100

162 100.5 79.9 119.9

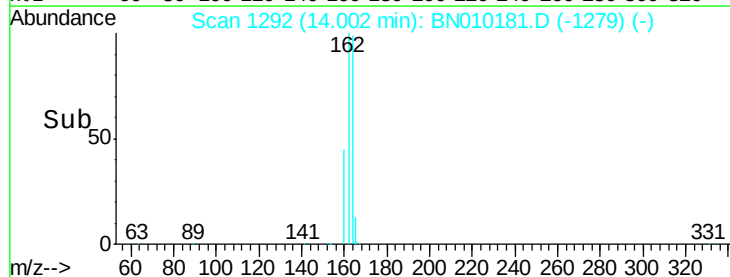
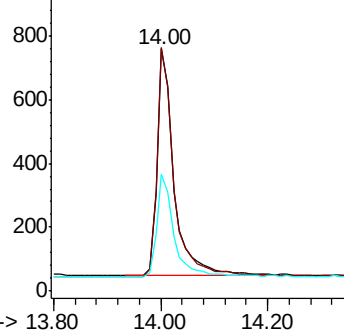
160 48.4 38.2 57.2

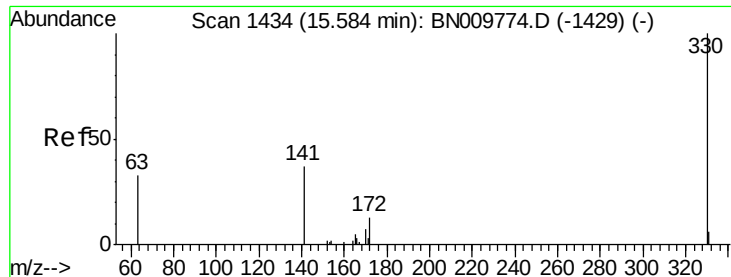


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

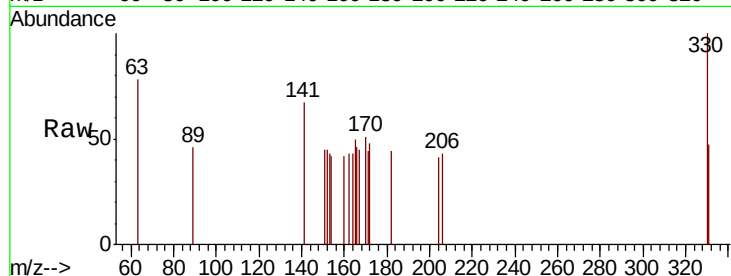




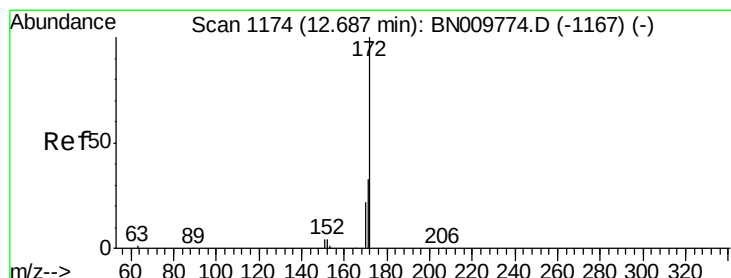
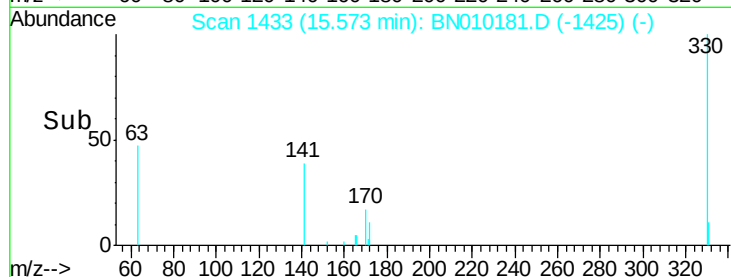
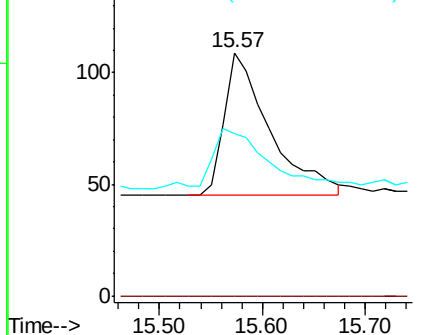
#14
 2,4,6-Tribromophenol
 Concen: 0.327 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010181.D
 Acq: 11 Mar 2020 08:08

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20200305

Tot Ion:330 Resp: 197
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 51.8 36.8 55.2

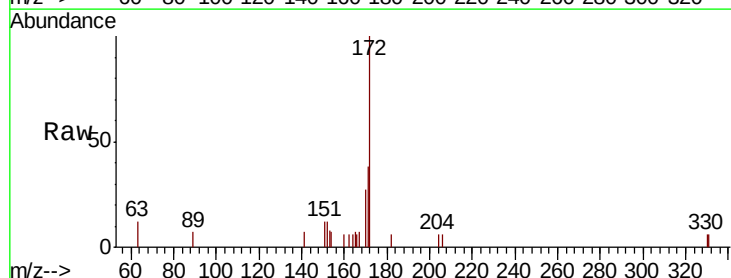


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

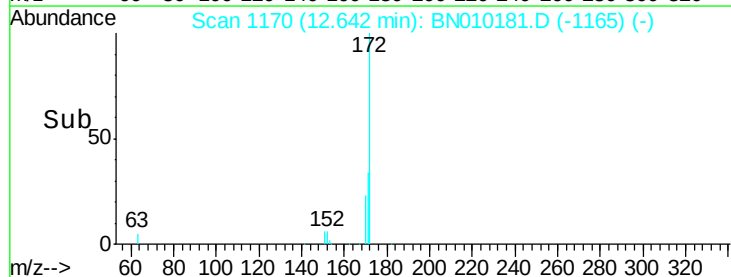
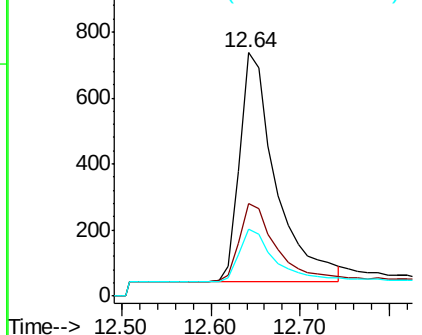


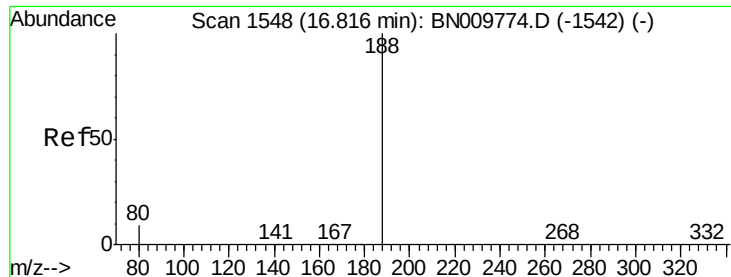
#15
 2-Fluorobiphenyl
 Concen: 0.330 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010181.D
 Acq: 11 Mar 2020 08:08

Tgt Ion:172 Resp: 1946
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.7 43.1
 170 27.4 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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200305

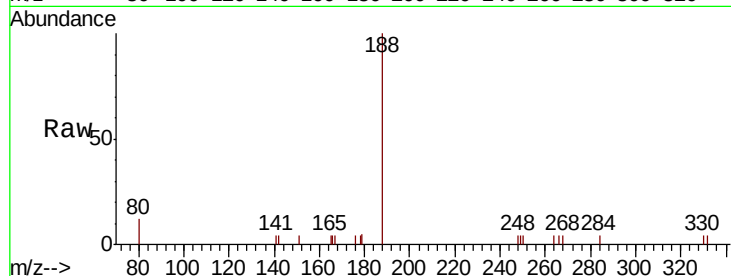
Tot Ion:188 Resp: 2940

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

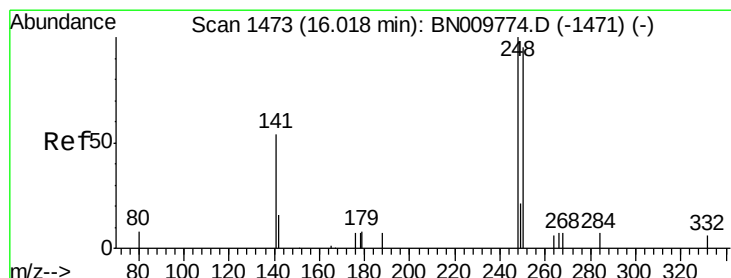
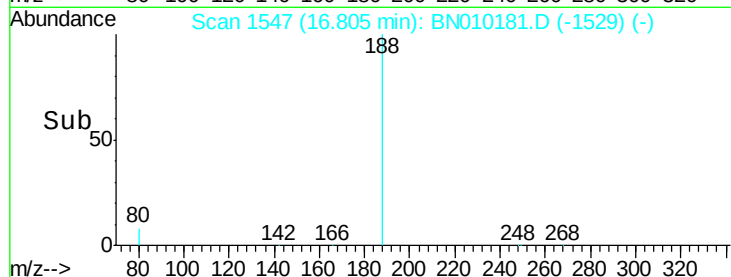
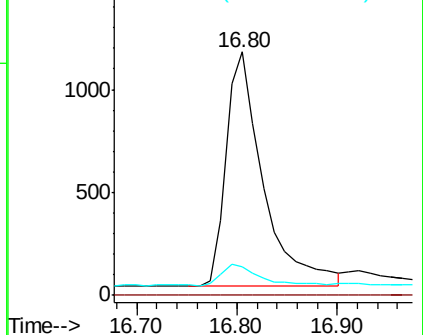
80 11.8 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

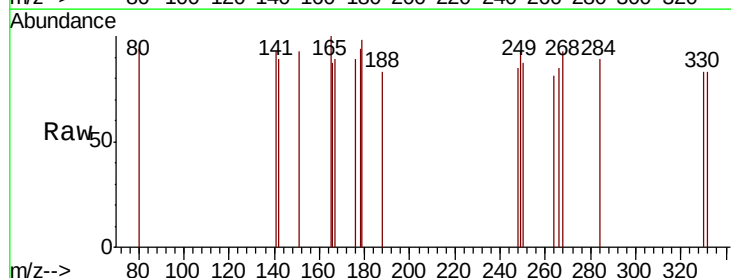
Tgt Ion:248 Resp: 88

Ion Ratio Lower Upper

248 100

250 102.2 76.2 114.4

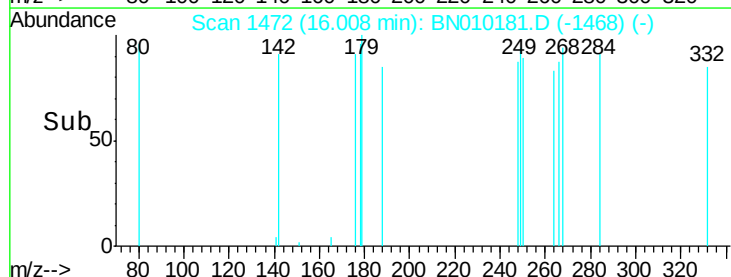
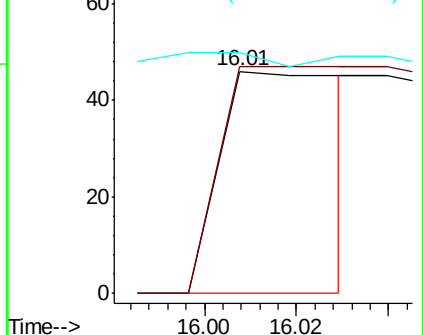
141 108.7 57.8 86.6#

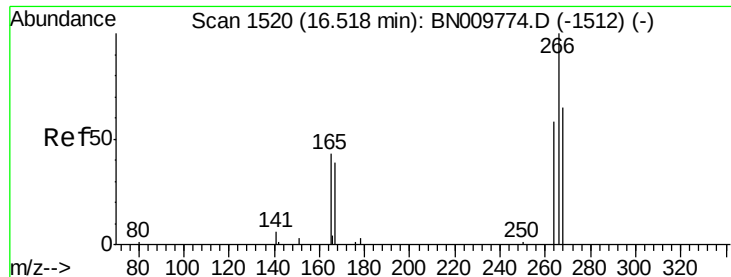


Abundance Ion 248.00 (247.70 to 248.70): E

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: 16.52 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

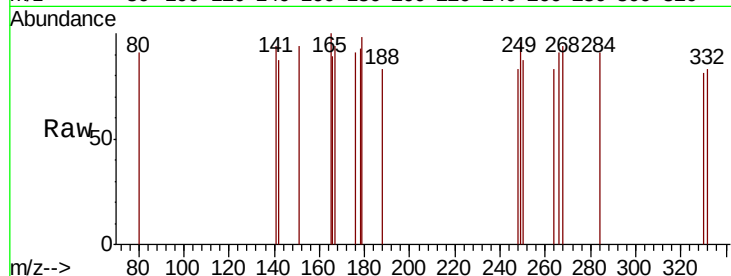
Instrument :

BNA_N

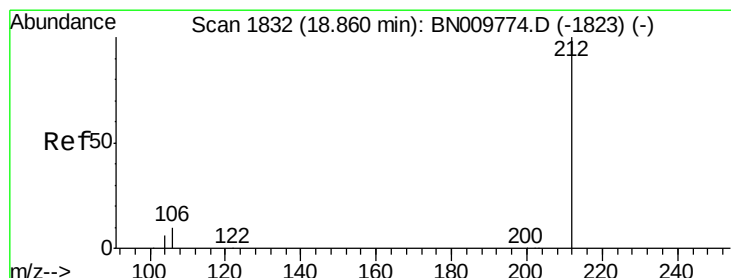
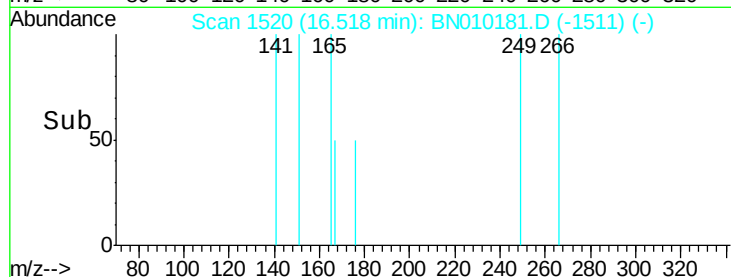
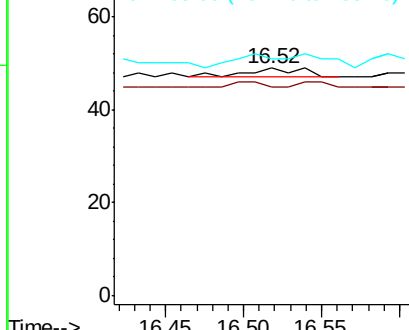
ClientSampleId :

RE134D3-20200305

Tot	Ion:266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	91.8	58.1	87.1#
268	104.1	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: 0.329 ng

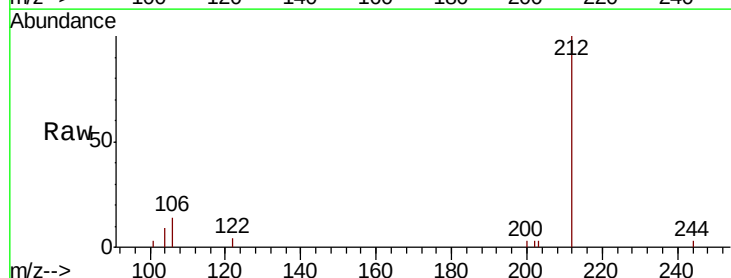
RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

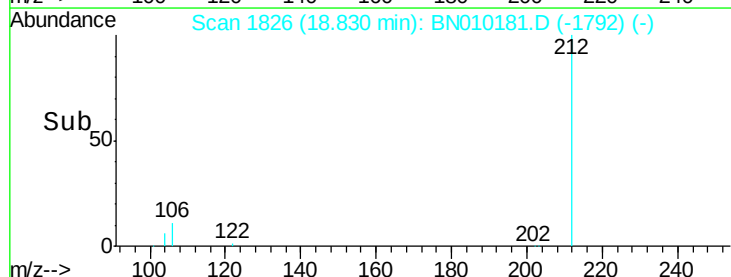
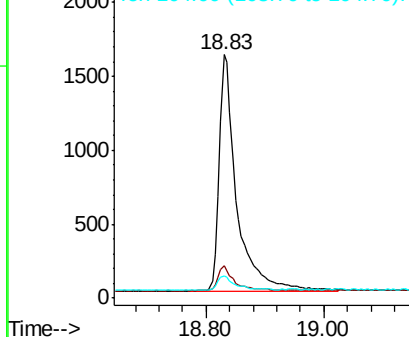
Lab File: BN010181.D

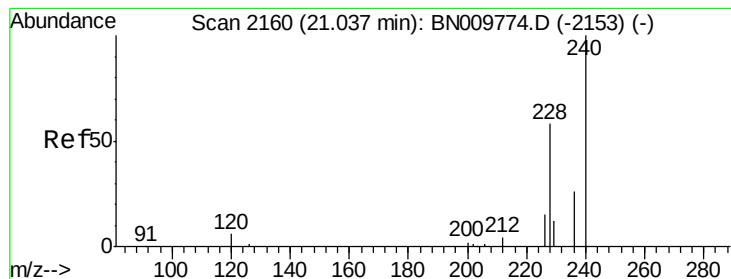
Acq: 11 Mar 2020 08:08

Tgt Ion	212	Resp:	3342
Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.4	12.6
104	6.0	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: BN010181.D

Acq: 11 Mar 2020 08:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200305

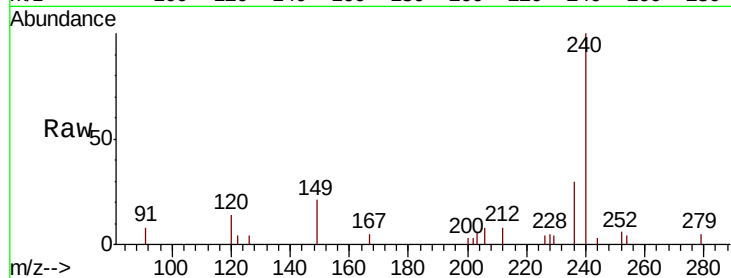
Tot Ion:240 Resp: 3478

Ion Ratio Lower Upper

240 100

120 14.0 7.9 11.9#

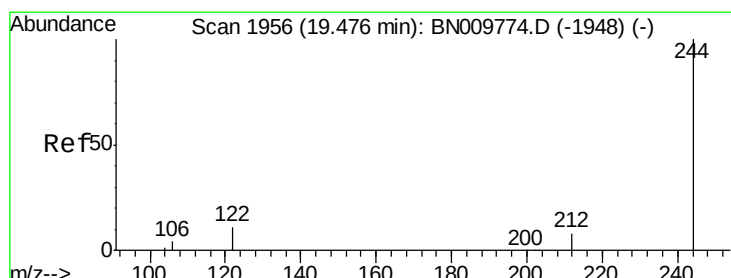
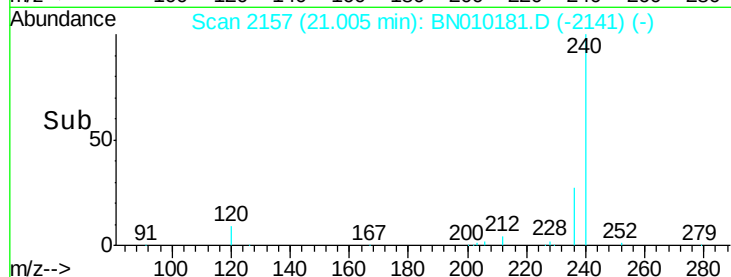
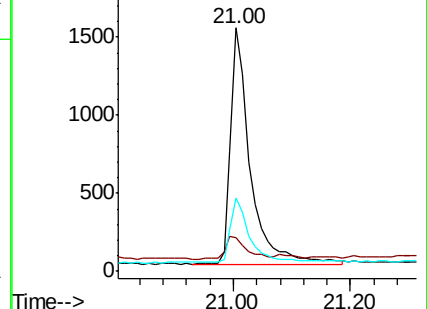
236 29.9 22.0 33.0



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: 0.364 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010181.D

Acq: 11 Mar 2020 08:08

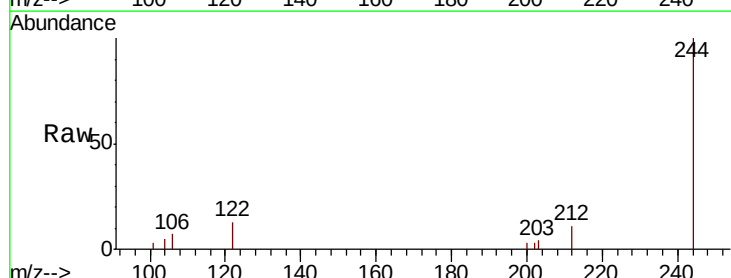
Tgt Ion:244 Resp: 3026

Ion Ratio Lower Upper

244 100

212 10.6 8.0 12.0

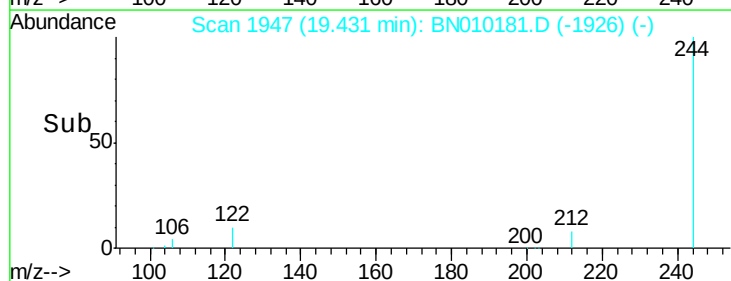
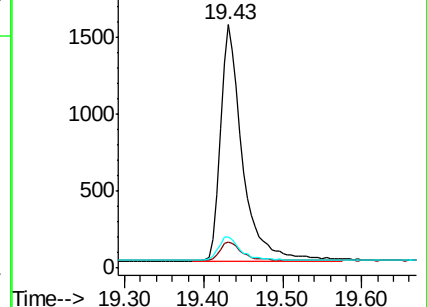
122 12.7 10.0 15.0

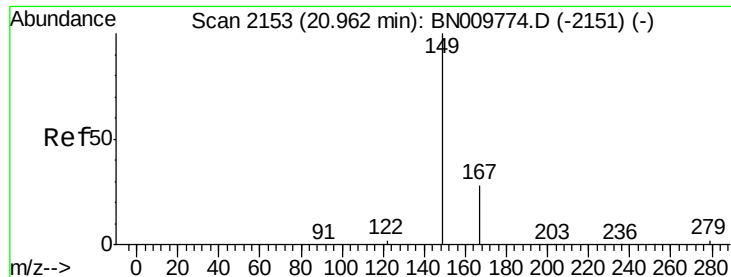


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

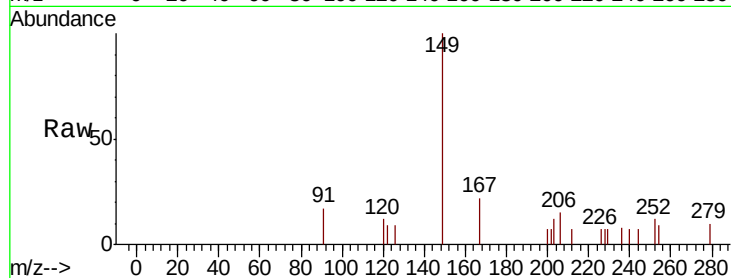




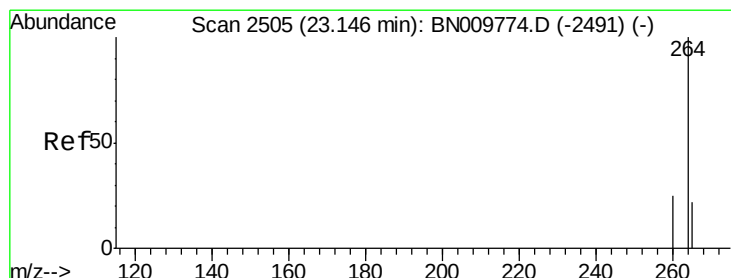
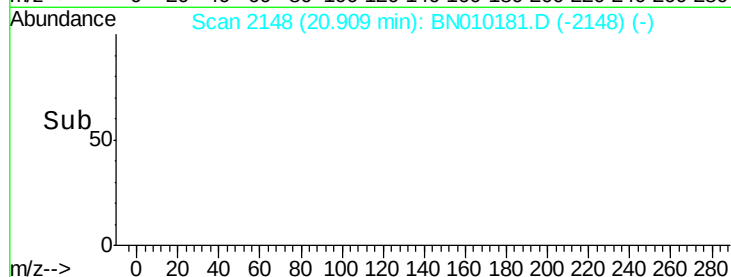
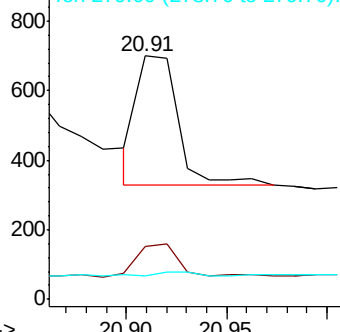
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 20.91 min Scan# 2148
Delta R.T. -0.05 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

Tot Ion:149 Resp: 526
Ion Ratio Lower Upper
149 100
167 22.6 22.7 34.1#
279 3.4 3.1 4.7

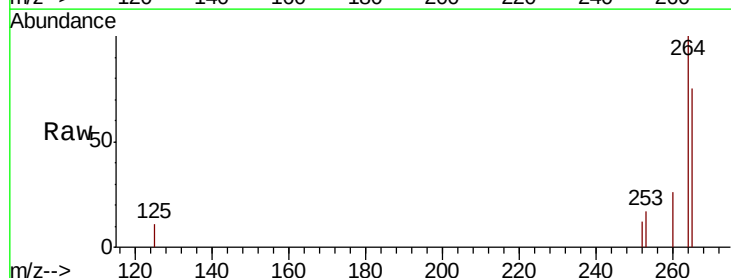


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2493
Delta R.T. -0.04 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:264 Resp: 3351
Ion Ratio Lower Upper
264 100
260 26.4 21.1 31.7
265 74.8 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

