

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010153.D
 Acq On : 09 Mar 2020 19:55
 Operator : CG/JU
 Sample : L1842-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20200303

Quant Time: Mar 09 22:12:31 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

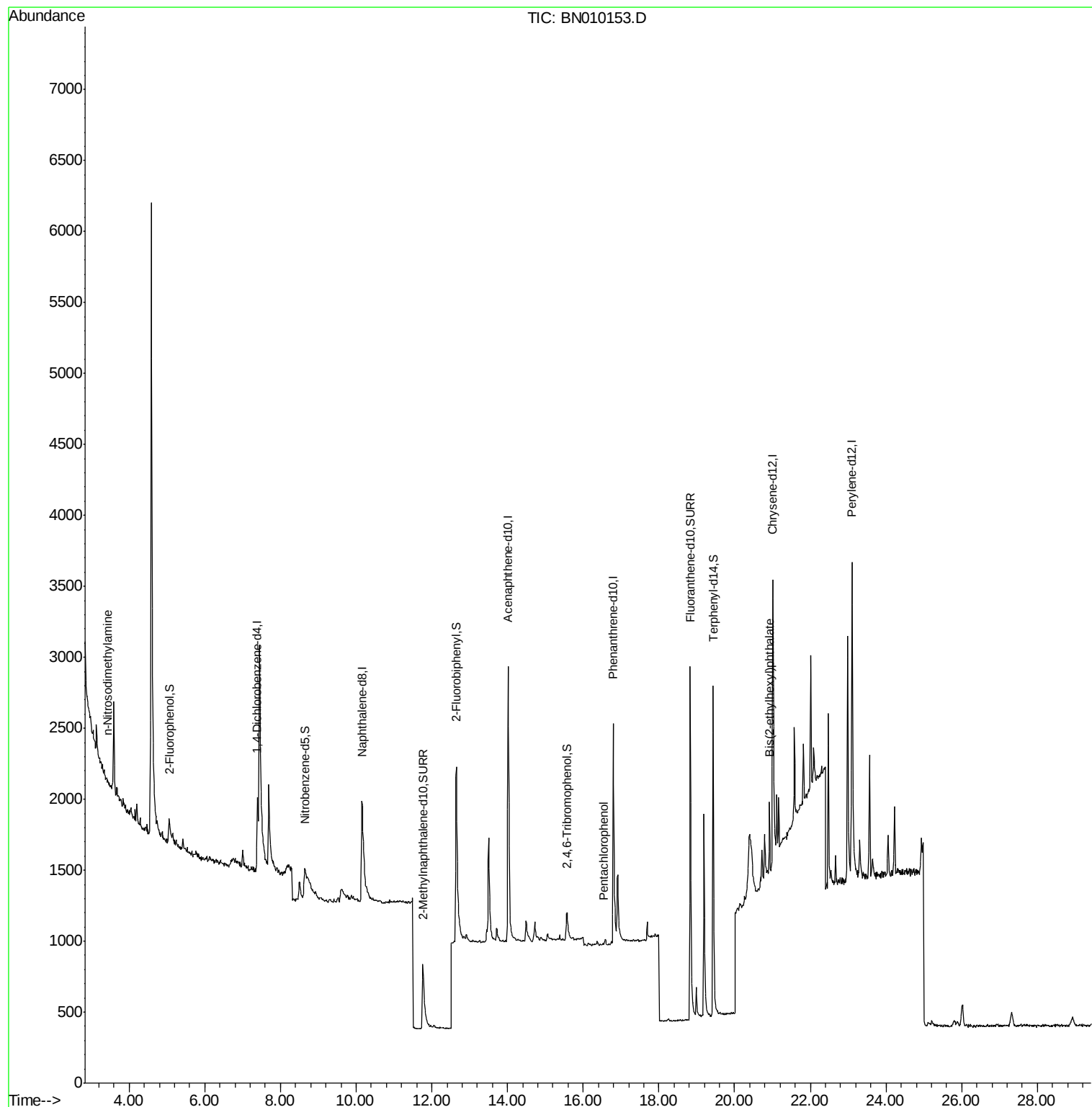
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	653	0.40	ng	-0.03
7) Naphthalene-d8	10.15	136	2200	0.40	ng	-0.03
13) Acenaphthene-d10	14.01	164	1547	0.40	ng	-0.04
19) Phenanthrene-d10	16.79	188	3179	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3219	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3396	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	295	0.20	ng	-0.02
5) Phenol-d6	6.61	99	5	0.00	ng	-0.03
8) Nitrobenzene-d5	8.64	82	459	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	11.76	152	1469	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	229	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	2202	0.38	ng	-0.03
25) Fluoranthene-d10	18.83	212	3958	0.36	ng	-0.03
29) Terphenyl-d14	19.43	244	3513	0.46	ng	-0.04
Target Compounds						
3) n-Nitrosodimethylamine	3.43	42	27	0.025	ng	# 58
20) 4-Bromophenyl-phenylether	16.01	248	29	Below Cal		# 75
22) Pentachlorophenol	16.54	266	4	0.185	ng	# 74
32) Bis(2-ethylhexyl)phthalate	20.92	149	402	0.077	ng	# 97

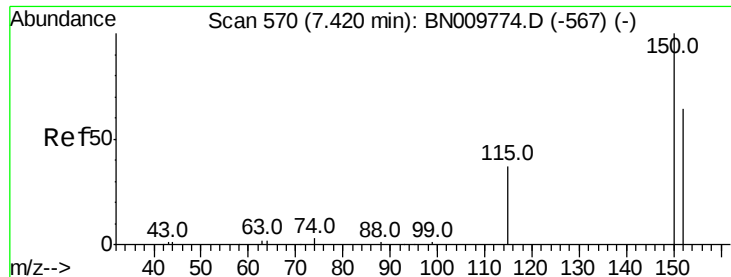
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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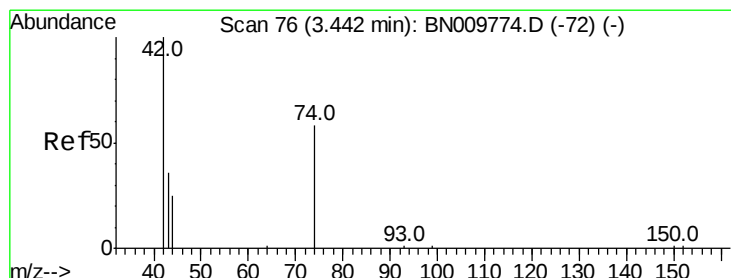
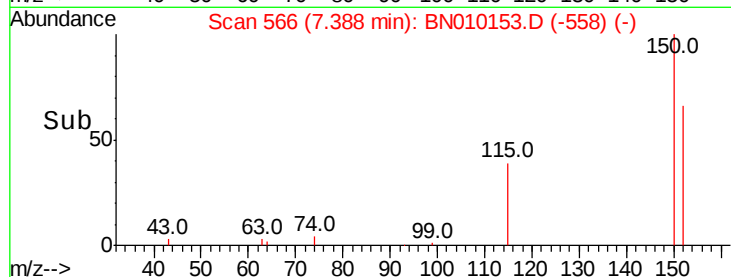
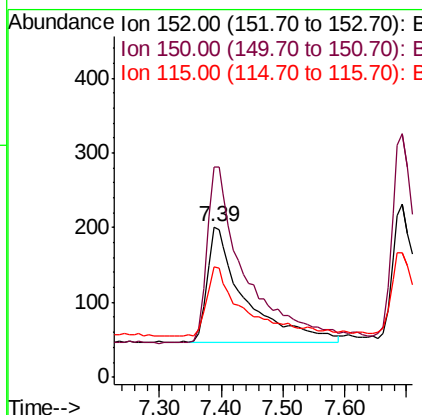
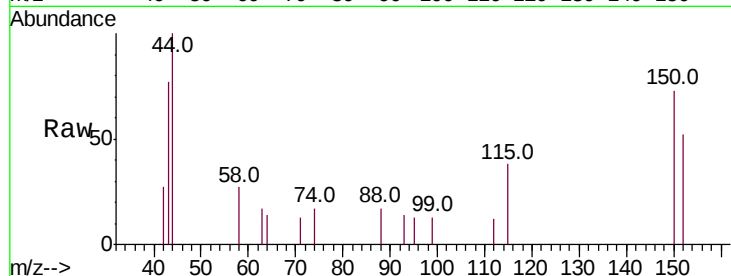


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BN010153.D
 Acq: 09 Mar 2020 19:55

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20200303

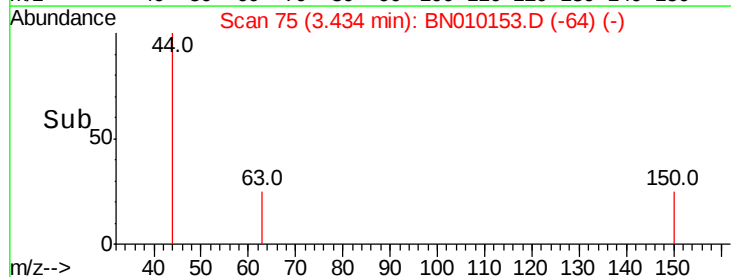
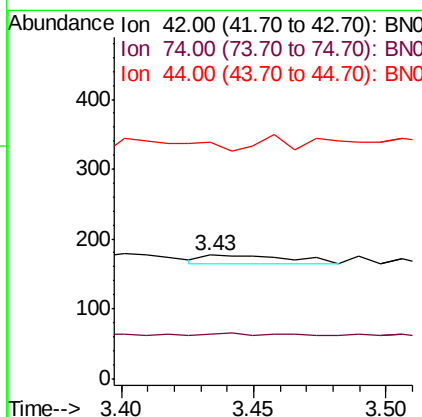
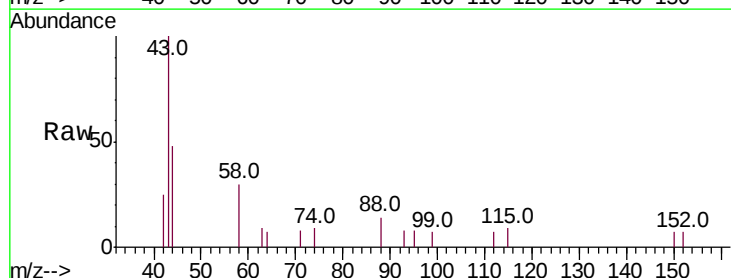
Tot Ion:152 Resp: 653
 Ion Ratio Lower Upper
 152 100
 150 139.8 120.6 181.0
 115 73.1 51.2 76.8

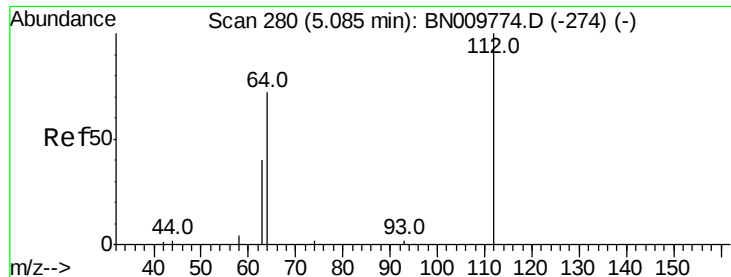


#3

n-Nitrosodimethylamine
 Concen: 0.025 ng
 RT: 3.43 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BN010153.D
 Acq: 09 Mar 2020 19:55

Tgt Ion: 42 Resp: 27
 Ion Ratio Lower Upper
 42 100
 74 29.6 51.2 76.8#
 44 0.0 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

Instrument :

BNA_N

ClientSampleId :

RE117D2-20200303

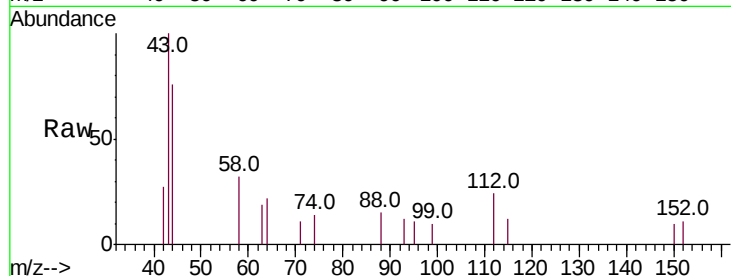
Tot Ion:112 Resp: 295

Ion Ratio Lower Upper

112 100

64 74.6 65.8 98.6

63 43.4 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

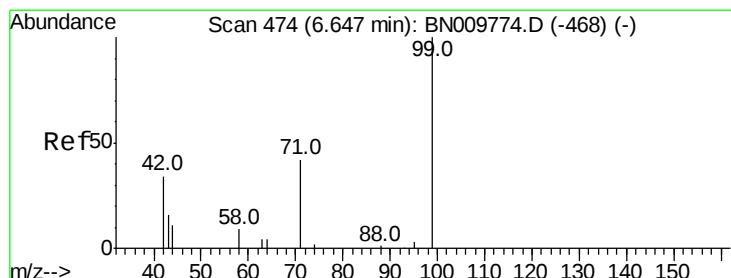
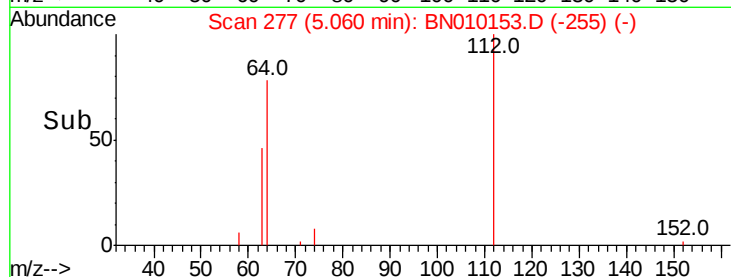
150

100

50

0

Time--> 4.90 5.00 5.10 5.20 5.30



#5

Phenol-d6

Concen: 0.003 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

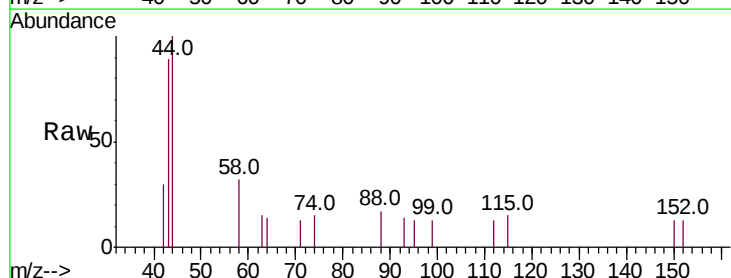
Tgt Ion: 99 Resp: 5

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 40.0 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

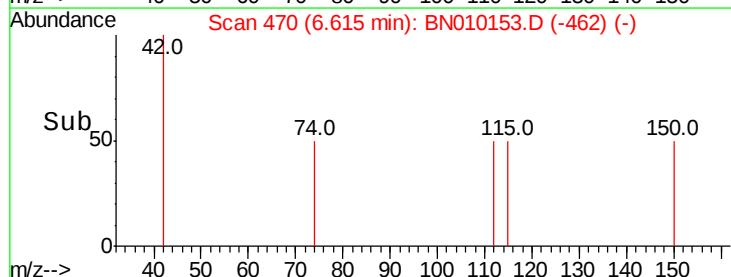
150

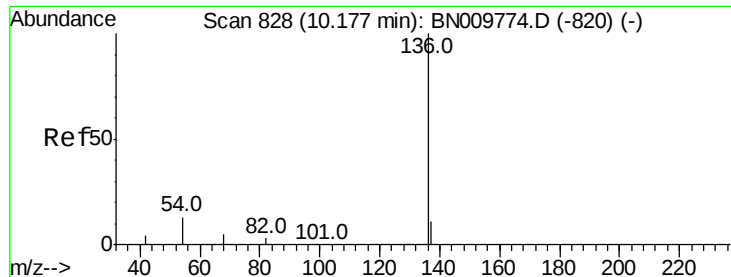
100

50

0

Time--> 6.55 6.60 6.65





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

Instrument :

BNA_N

ClientSampleId :

RE117D2-20200303

Tot Ion:136 Resp: 2200

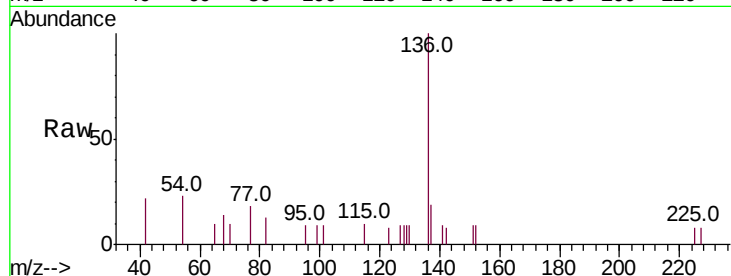
Ion Ratio Lower Upper

136 100

137 18.7 11.3 16.9#

54 23.2 13.4 20.2#

68 14.3 7.0 10.4#



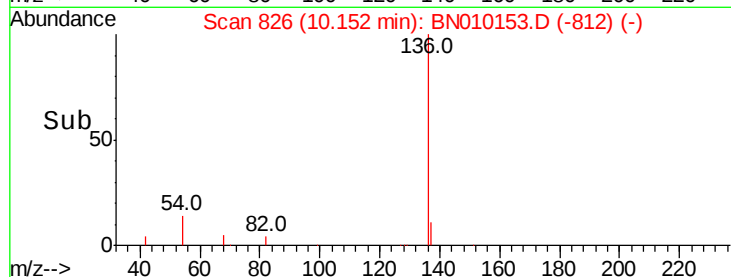
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



Abundance

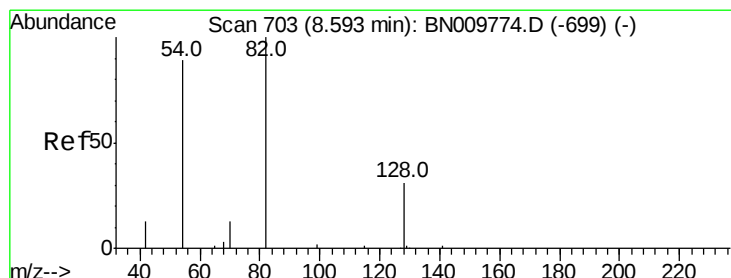
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.251 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.05 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

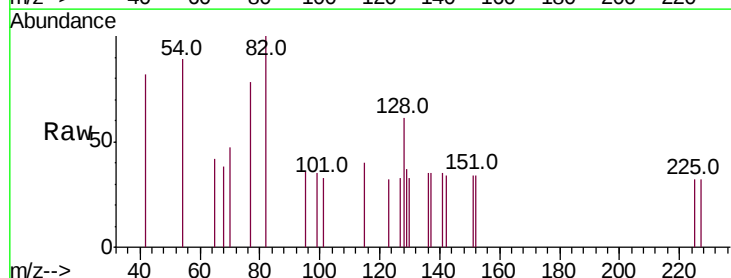
Tgt Ion: 82 Resp: 459

Ion Ratio Lower Upper

82 100

128 61.2 32.5 48.7#

54 89.2 73.5 110.3

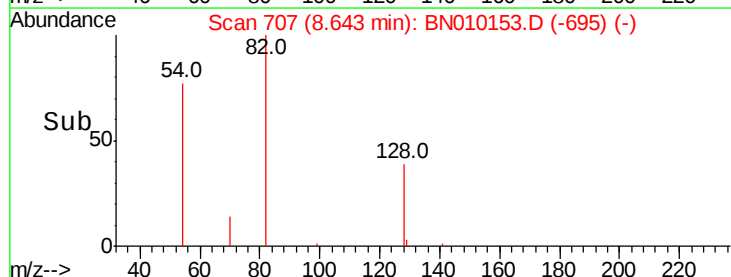


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->



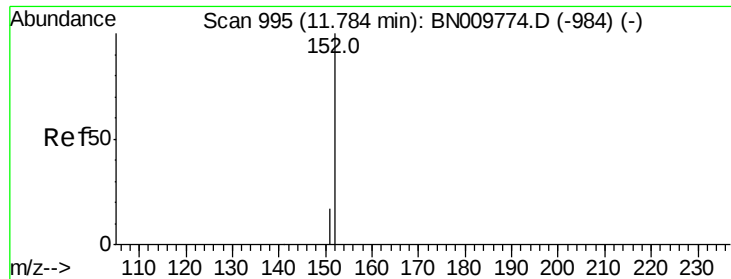
Abundance

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

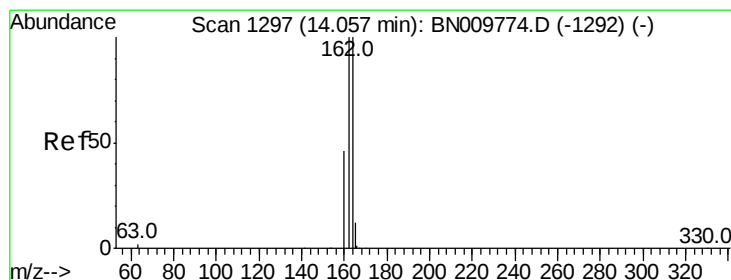
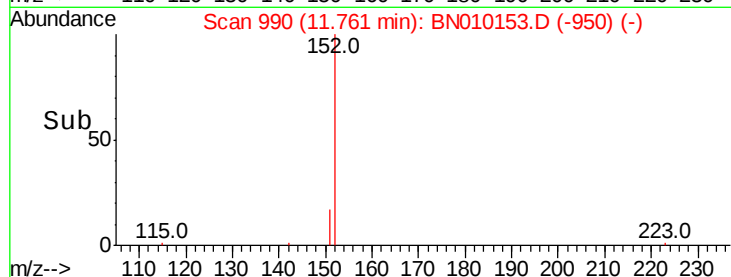
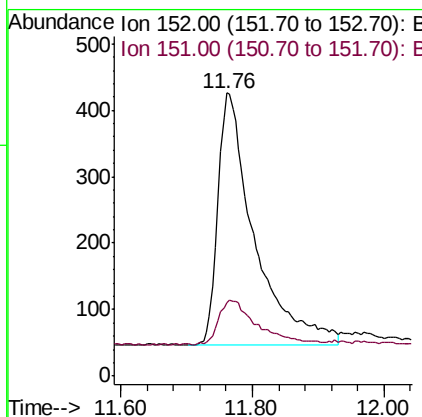
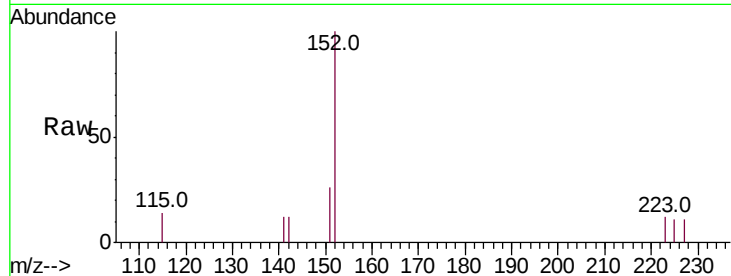
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.02 min
Lab File: BN010153.D
Acq: 09 Mar 2020 19:55

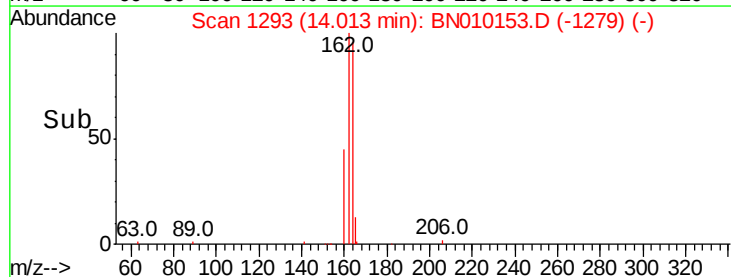
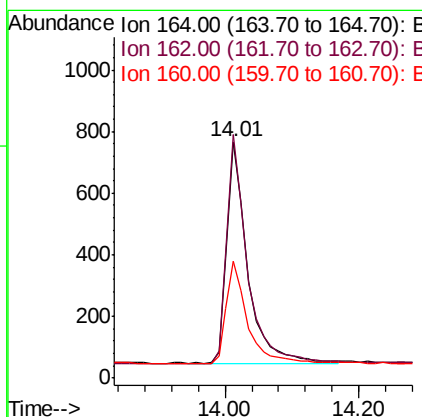
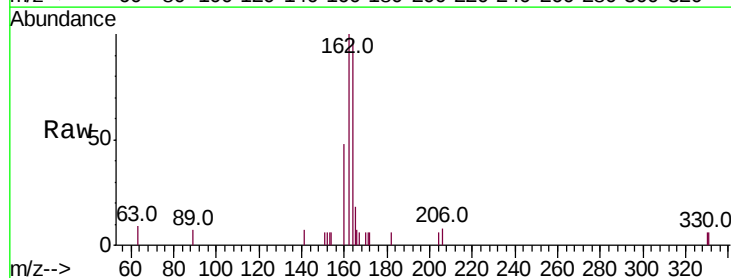
Instrument :
BNA_N
ClientSampleId :
RE117D2-20200303

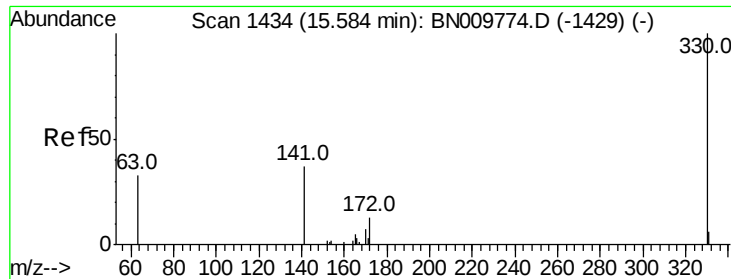
Tot Ion:152 Resp: 1469
Ion Ratio Lower Upper
152 100
151 19.1 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010153.D
Acq: 09 Mar 2020 19:55

Tgt Ion:164 Resp: 1547
Ion Ratio Lower Upper
164 100
162 103.1 79.9 119.9
160 49.7 38.2 57.2

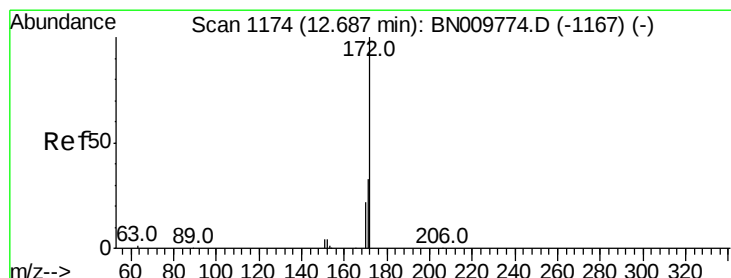
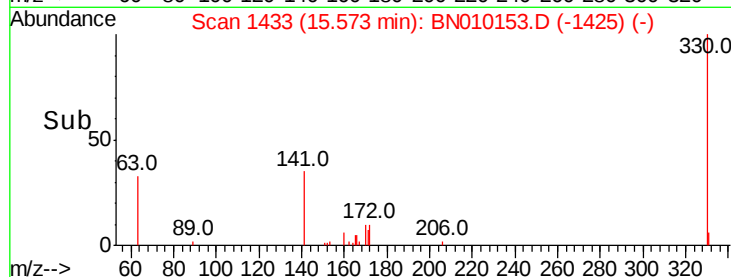
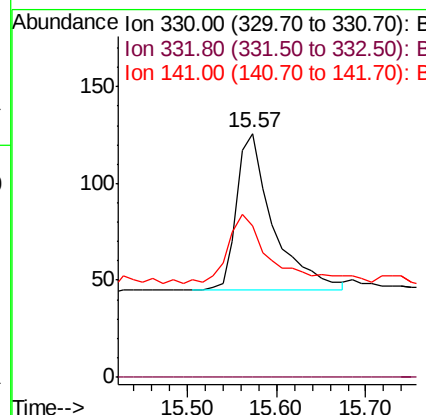
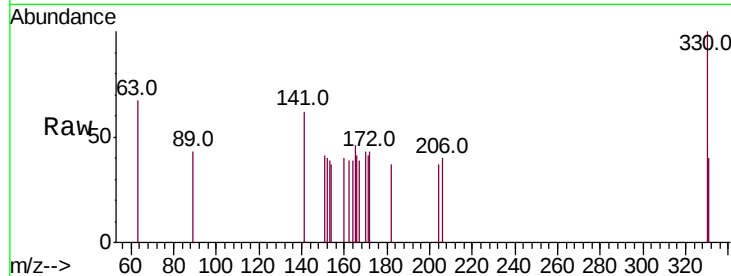




#14
 2,4,6-Tribromophenol
 Concen: 0.384 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010153.D
 Acq: 09 Mar 2020 19:55

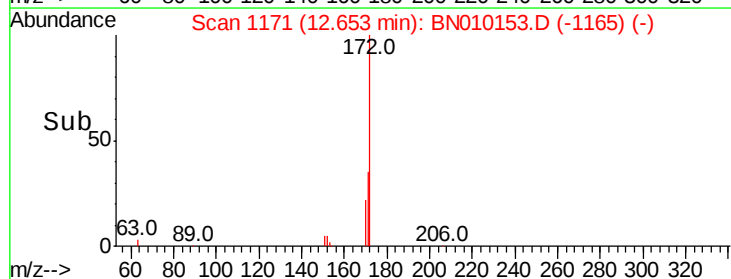
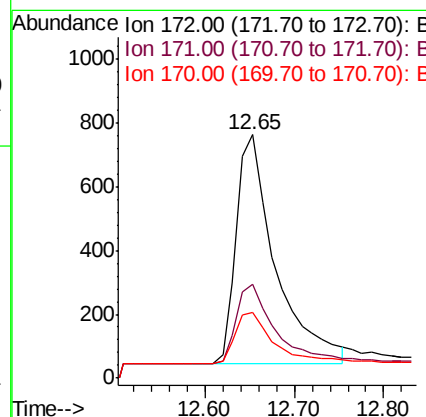
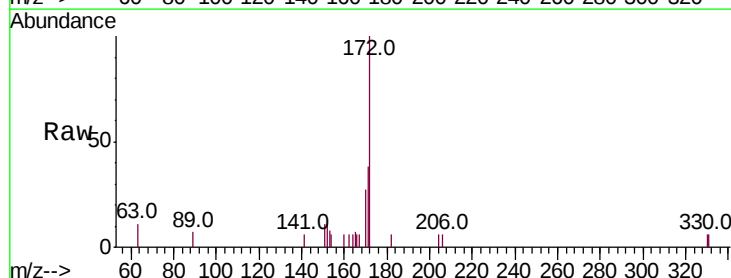
Instrument :
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 RE117D2-20200303

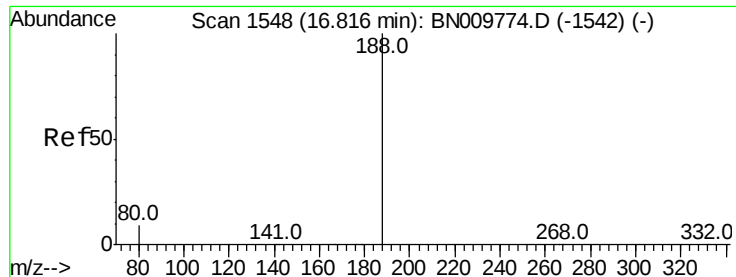
Tot Ion:330 Resp: 229
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 52.0 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.377 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010153.D
 Acq: 09 Mar 2020 19:55

Tgt Ion:172 Resp: 2202
 Ion Ratio Lower Upper
 172 100
 171 38.5 28.7 43.1
 170 27.0 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

Instrument :

BNA_N

ClientSampleId :

RE117D2-20200303

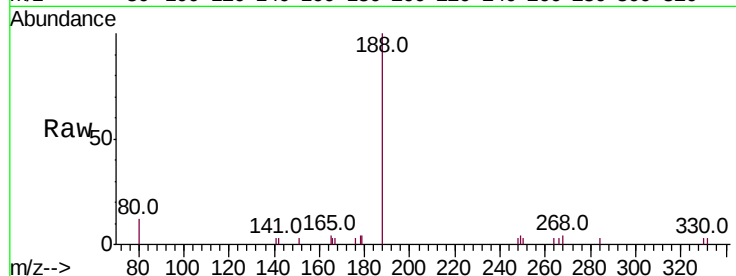
Tot Ion:188 Resp: 3179

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

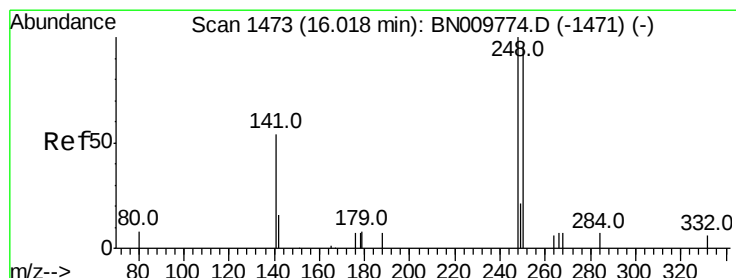
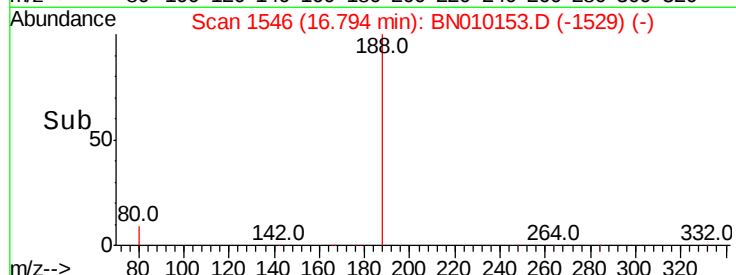
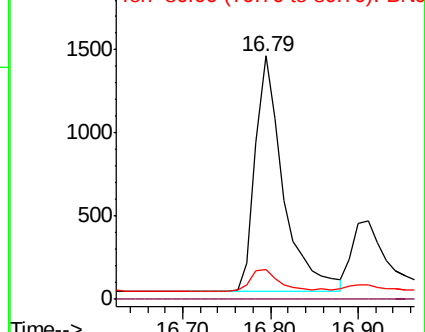
80 12.0 8.3 12.5



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: BN010153.D

Acq: 09 Mar 2020 19:55

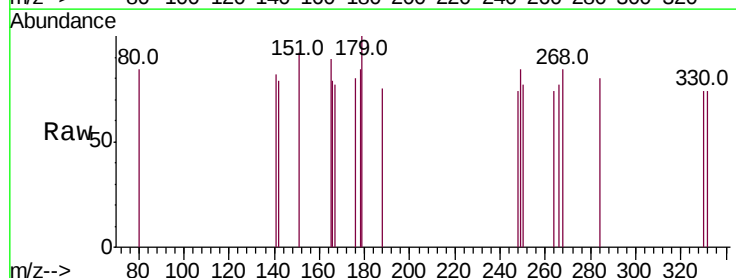
Tgt Ion:248 Resp: 29

Ion Ratio Lower Upper

248 100

250 104.4 76.2 114.4

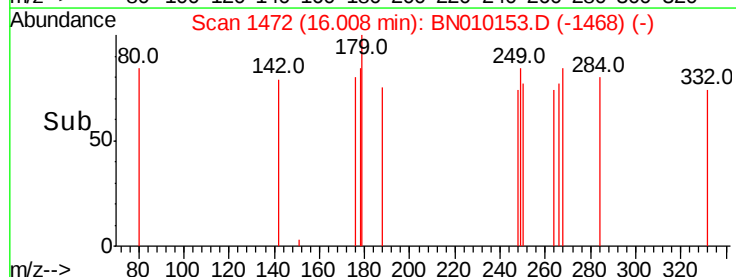
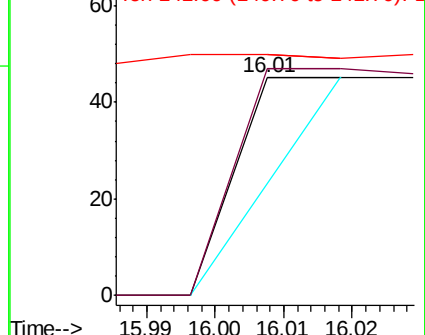
141 111.1 57.8 86.6#

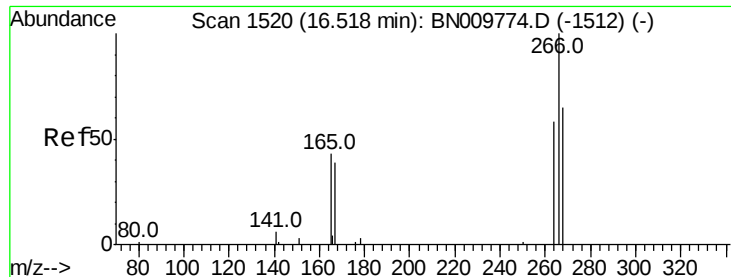


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.185 ng

RT: 16.54 min Scan# 1522

Delta R.T. 0.02 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

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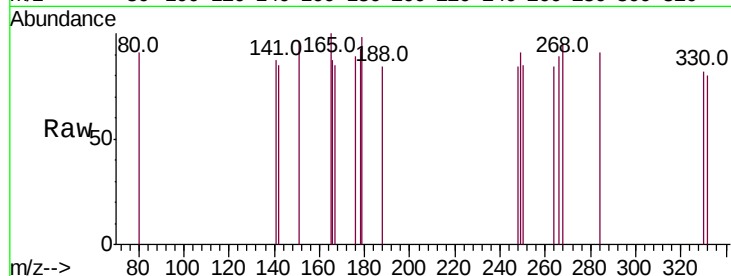
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 93.9 58.1 87.1#

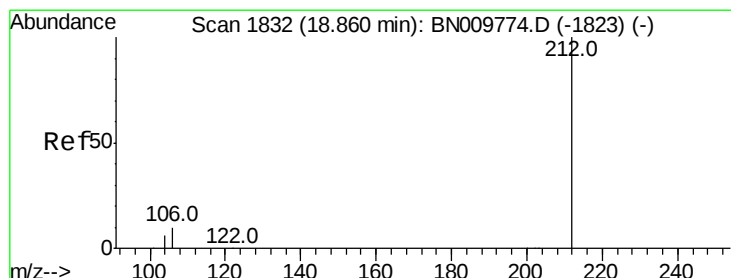
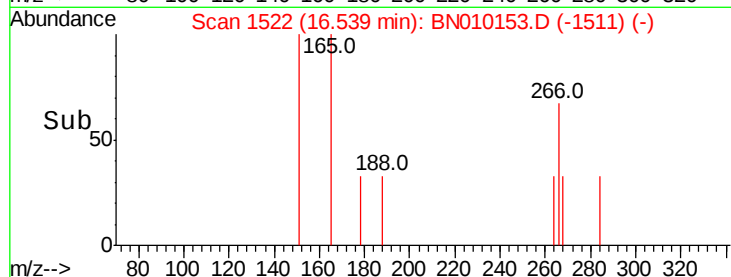
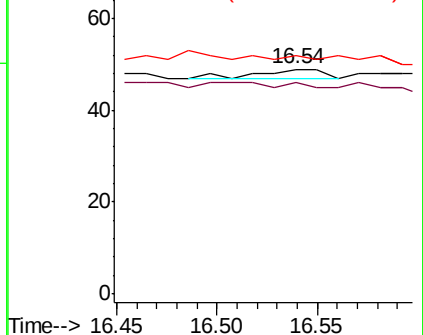
268 106.1 65.7 98.5#



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: 0.360 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

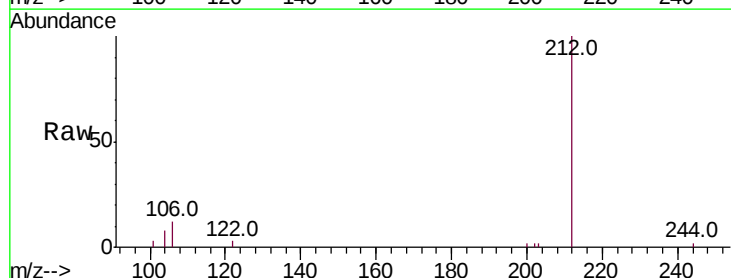
Tgt Ion:212 Resp: 3958

Ion Ratio Lower Upper

212 100

106 10.3 8.4 12.6

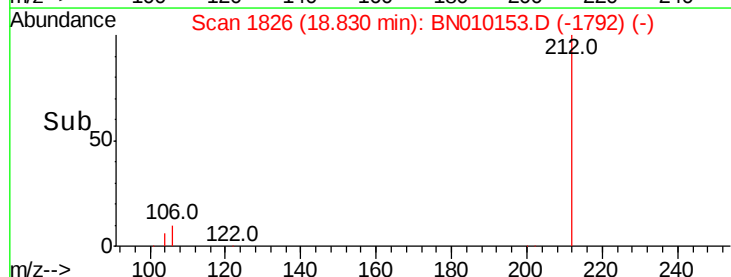
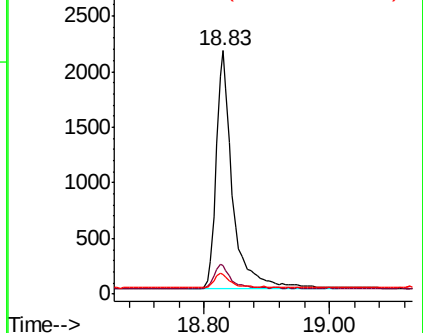
104 6.0 4.8 7.2

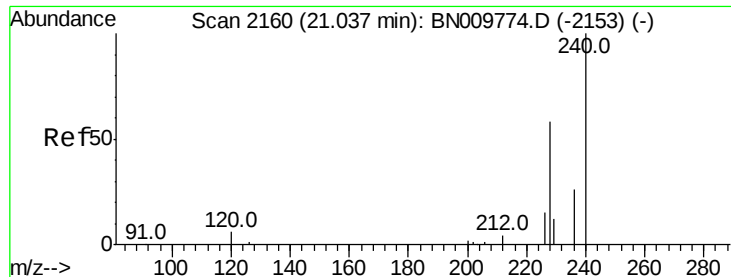


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN010153.D

Acq: 09 Mar 2020 19:55

Instrument :

BNA_N

ClientSampleId :

RE117D2-20200303

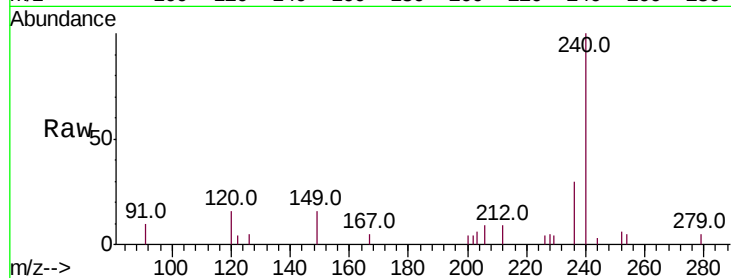
Tot Ion:240 Resp: 3219

Ion Ratio Lower Upper

240 100

120 16.2 7.9 11.9#

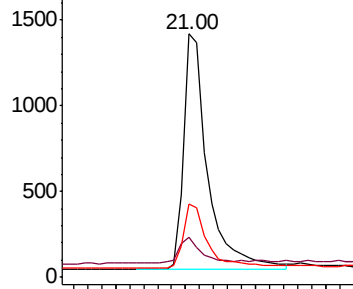
236 30.4 22.0 33.0



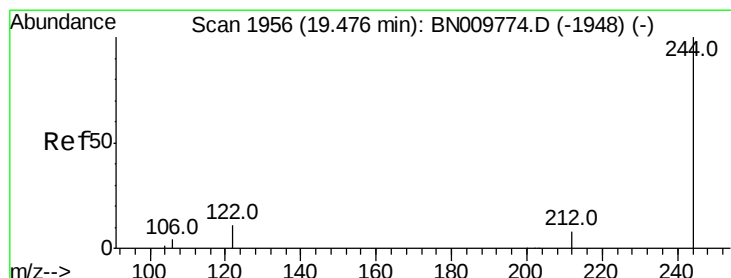
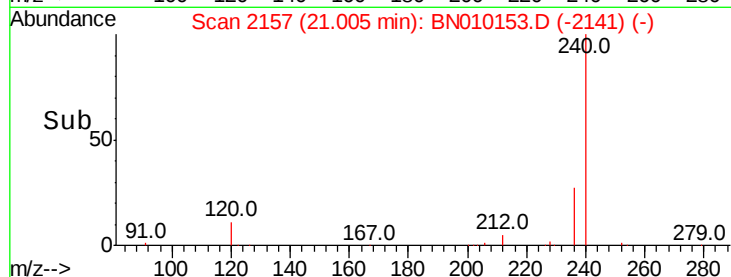
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

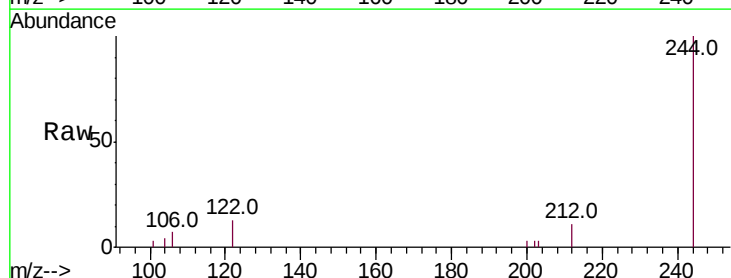
Tgt Ion:244 Resp: 3513

Ion Ratio Lower Upper

244 100

212 10.7 8.0 12.0

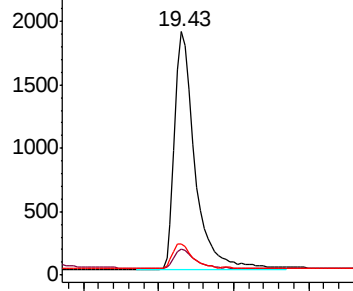
122 12.8 10.0 15.0



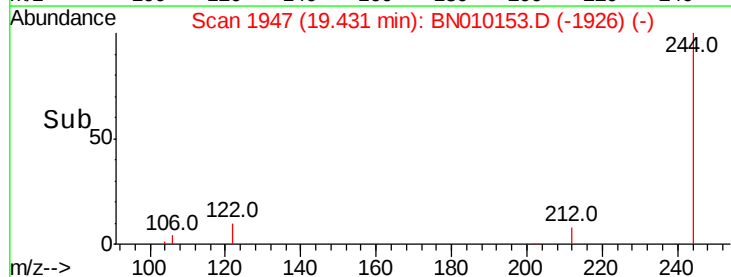
Abundance Ion 244.00 (243.70 to 244.70): E

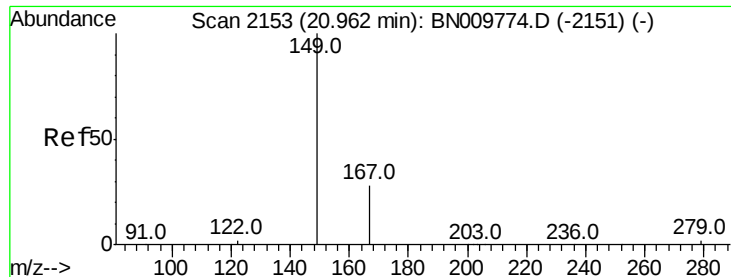
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

Instrument :

BNA_N

ClientSampleId :

RE117D2-20200303

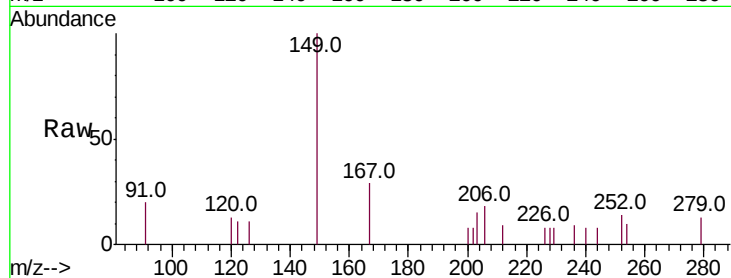
Tot Ion:149 Resp: 402

Ion Ratio Lower Upper

149 100

167 29.9 22.7 34.1

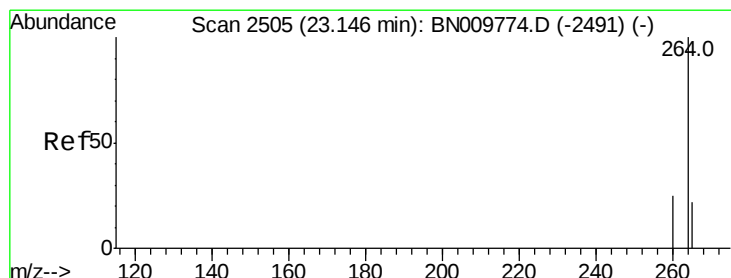
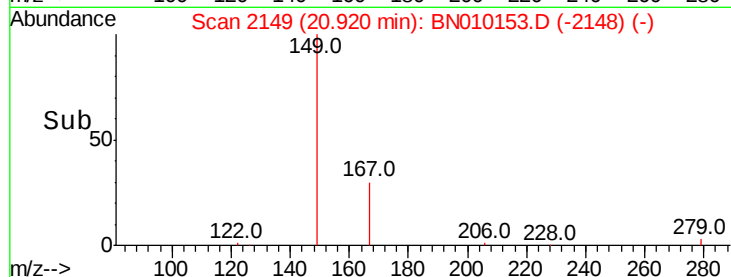
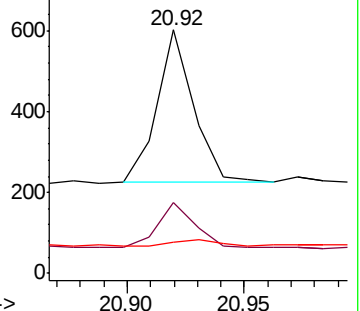
279 4.7 3.1 4.7#



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# 2492

Delta R.T. -0.04 min

Lab File: BN010153.D

Acq: 09 Mar 2020 19:55

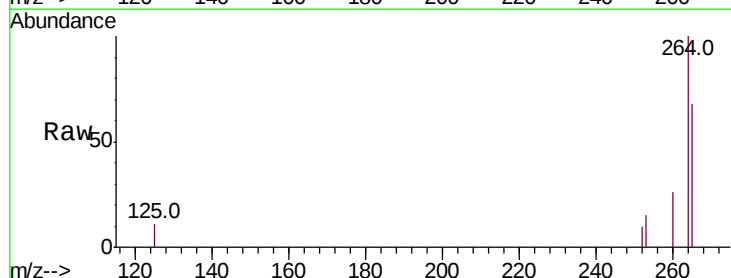
Tgt Ion:264 Resp: 3396

Ion Ratio Lower Upper

264 100

260 25.5 21.1 31.7

265 67.7 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

