

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006680.D
 Acq On : 02 Jul 2019 04:01
 Operator : HP/JU
 Sample : K3473-05DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-1DL

Quant Time: Jul 02 05:09:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3944	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16068	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8944	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	18840	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	17101	0.40	ng	-0.02
34) Perylene-d12	23.48	264	19377	0.40	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	166	0.02	ng	0.02
5) Phenol-d6	6.86	99	109	0.01	ng	0.03
8) Nitrobenzene-d5	8.83	82	371	0.03	ng	0.04
11) 2-Methylnaphthalene-d10	12.01	152	876	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	153	0.04	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	1436	0.04	ng	-0.01
25) Fluoranthene-d10	19.08	212	2058	0.04	ng	0.00
29) Terphenyl-d14	19.68	244	1833	0.05	ng	0.00

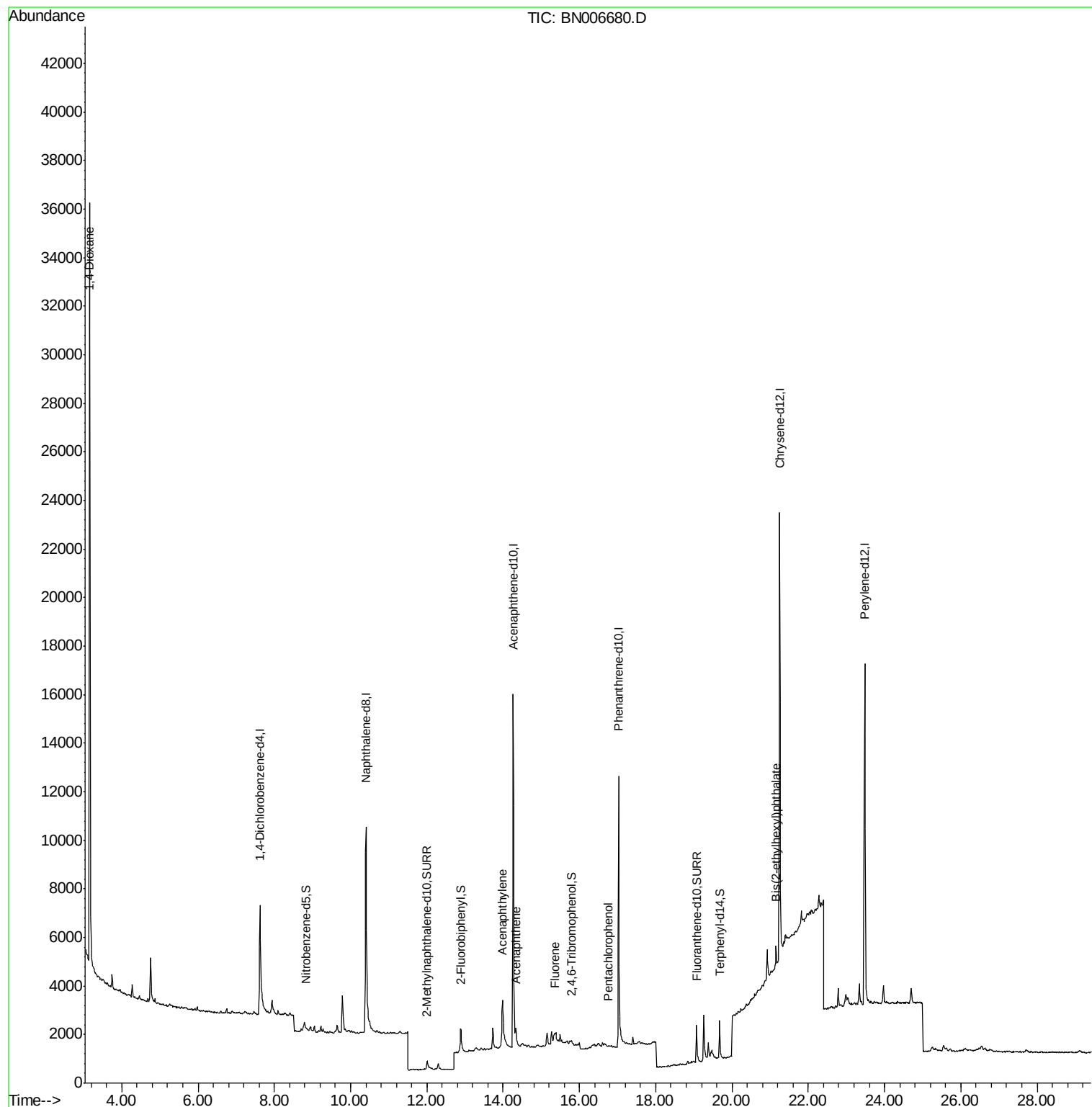
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	19562	3.584	ng	99
16) Acenaphthylene	13.99	152	5365	0.126	ng	97
17) Acenaphthene	14.33	154	588	0.021	ng	93
18) Fluorene	15.35	166	766	0.022	ng	# 11
22) Pentachlorophenol	16.75	266	4	0.193	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.15	149	949	0.034	ng	# 95

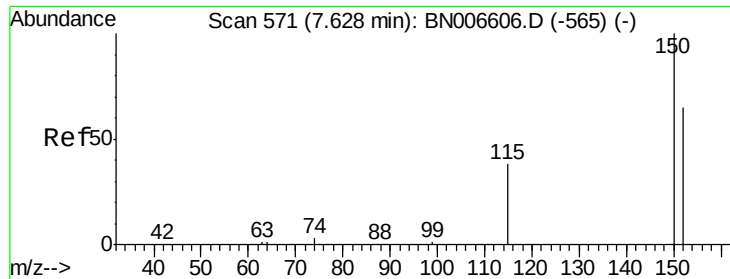
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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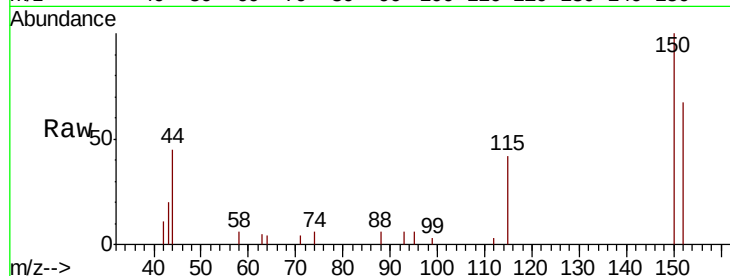


#1

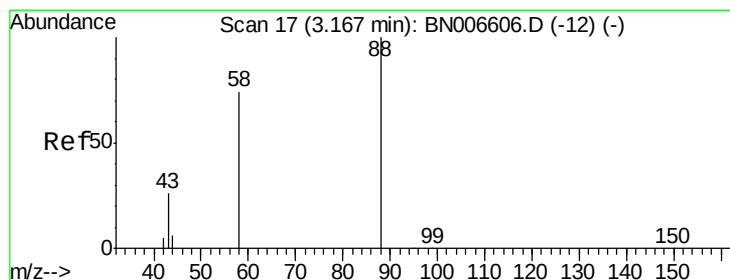
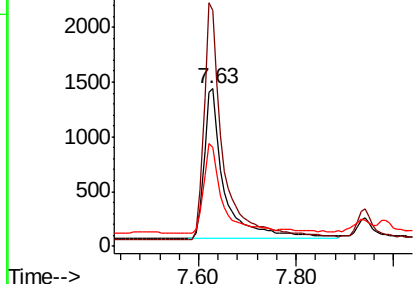
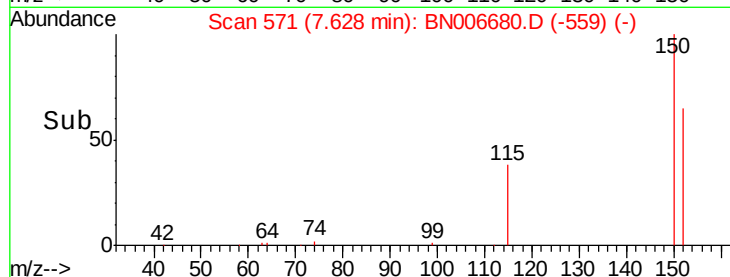
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006680.D
Acq: 02 Jul 2019 04:01

Instrument :
BNA_M
ClientSampleId :
DUP-1DL

Tgt Ion: 152 Resp: 3944
Ion Ratio Lower Upper
152 100
150 149.8 122.2 183.2
115 63.0 50.0 75.0



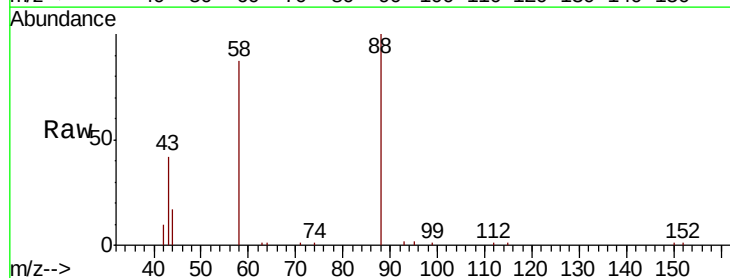
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



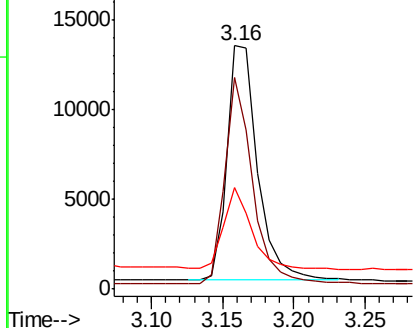
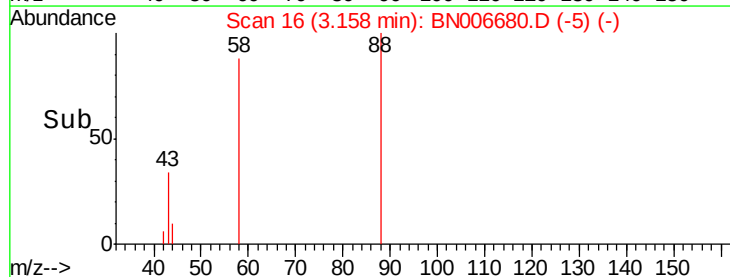
#2

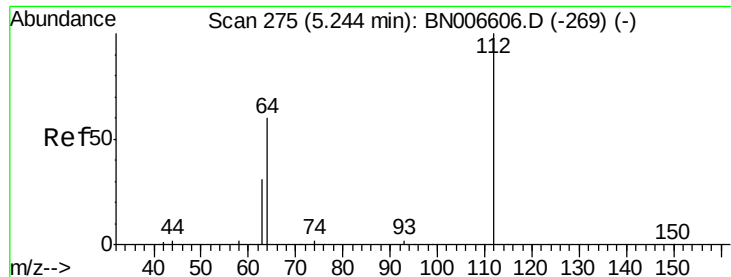
1,4-Dioxane
Concen: 3.584 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006680.D
Acq: 02 Jul 2019 04:01

Tgt Ion: 88 Resp: 19562
Ion Ratio Lower Upper
88 100
58 79.5 62.5 93.7
43 31.4 25.4 38.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.017 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.02 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

Instrument :

BNA_M

ClientSampleId :

DUP-1DL

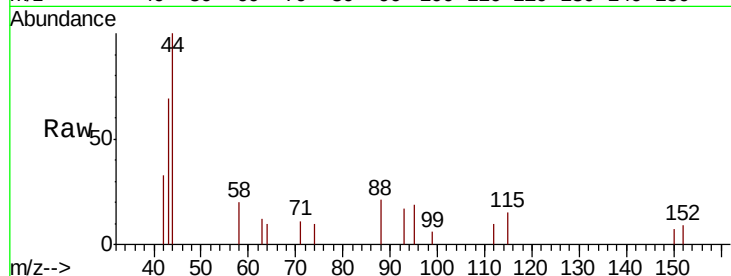
Tgt Ion: 112 Resp: 166

Ion Ratio Lower Upper

112 100

64 60.8 48.9 73.3

63 51.2 24.3 36.5#



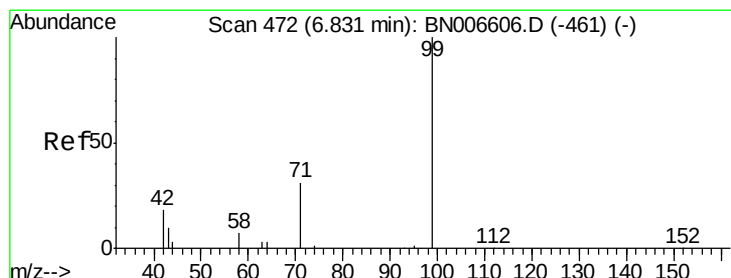
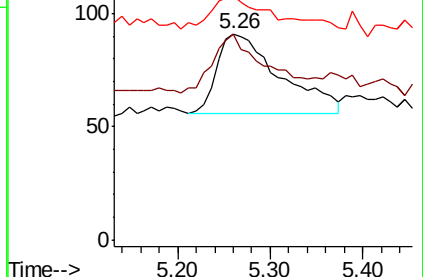
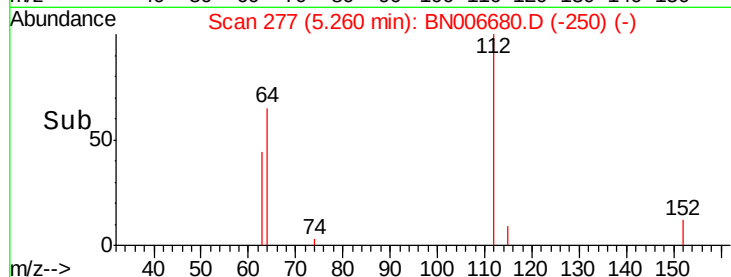
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.26

Time-->



#5

Phenol-d6

Concen: 0.009 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.03 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

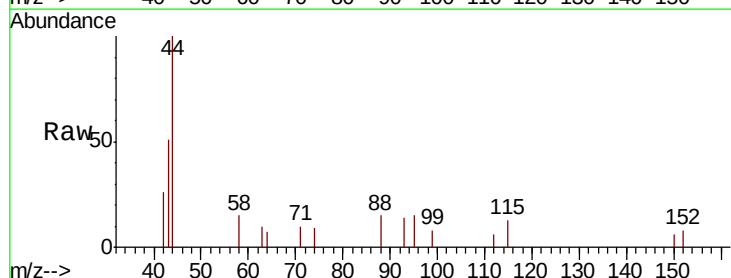
Tgt Ion: 99 Resp: 109

Ion Ratio Lower Upper

99 100

42 21.1 16.4 24.6

71 0.0 26.6 40.0#



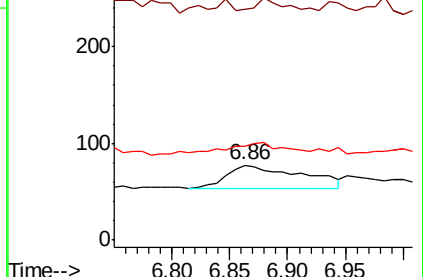
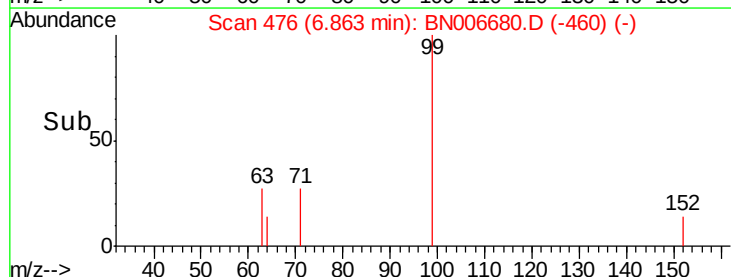
Abundance Ion 99.00 (98.70 to 99.70): BNC

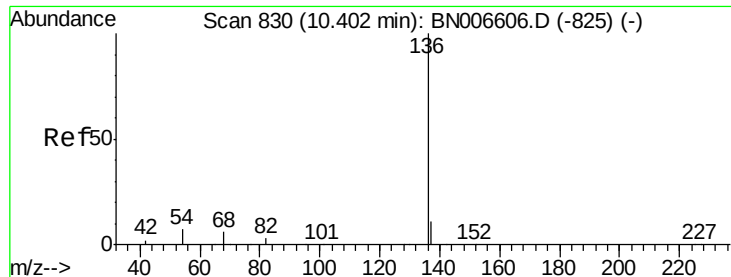
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.86

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

Instrument :

BNA_M

ClientSampleId :

DUP-1DL

Tgt Ion:136 Resp: 16068

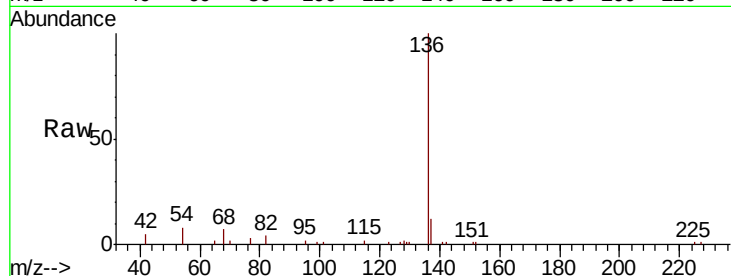
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 8.3 6.7 10.1

68 6.6 5.3 7.9

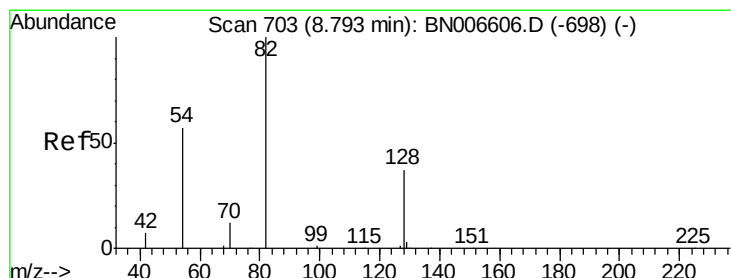
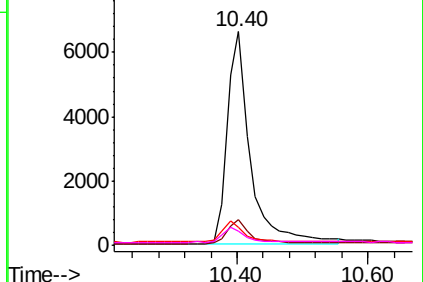
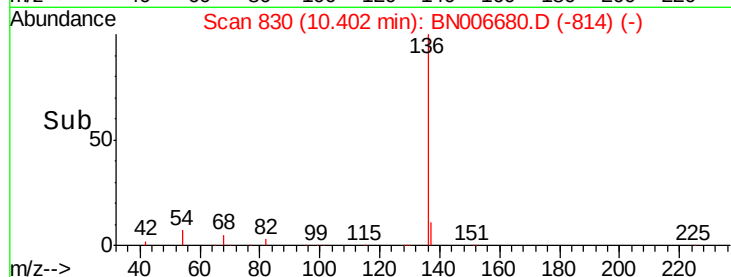


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.034 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

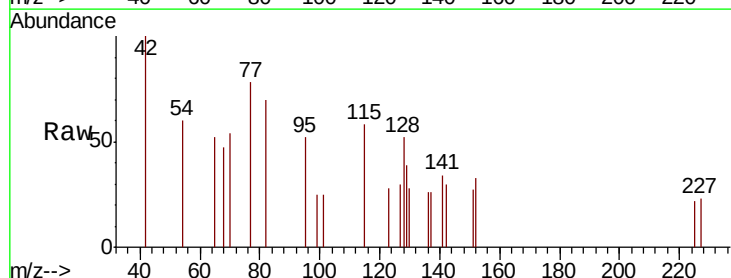
Tgt Ion: 82 Resp: 371

Ion Ratio Lower Upper

82 100

128 74.4 32.6 49.0#

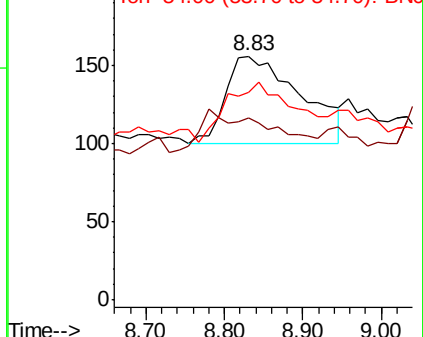
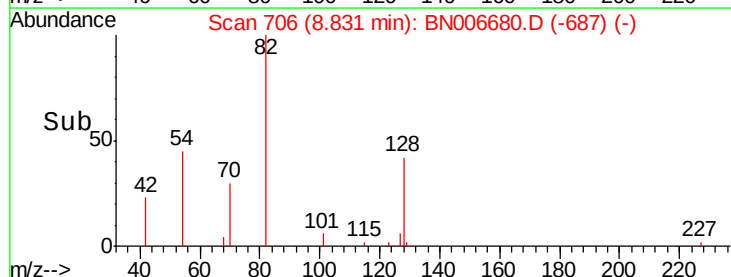
54 85.3 48.2 72.4#

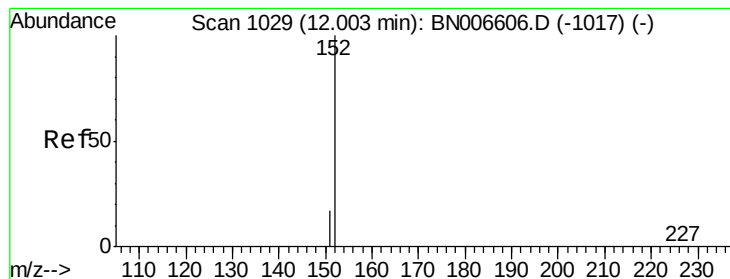


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

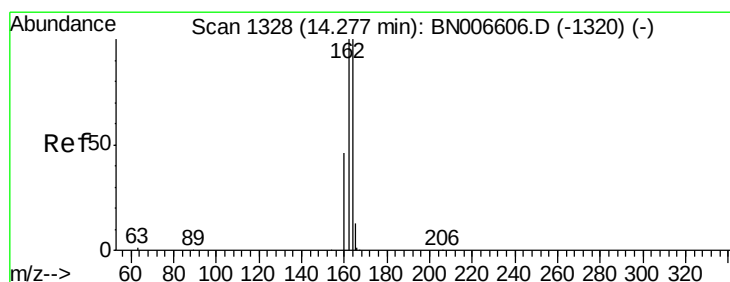
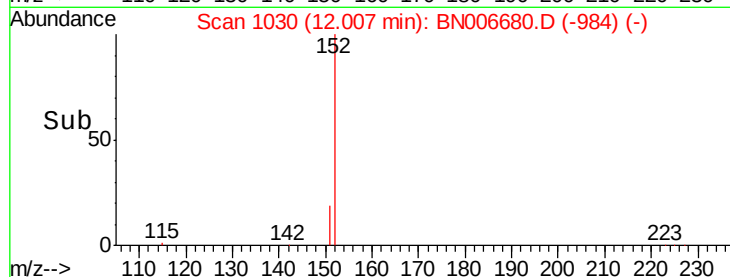
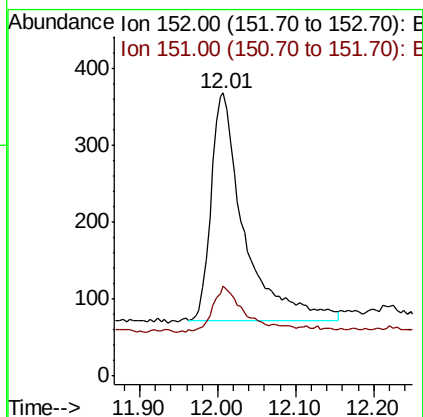
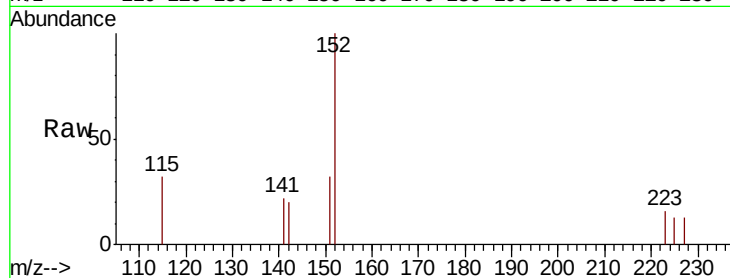




#11
 2-Methylnaphthalene-d10
 Concen: 0.035 ng
 RT: 12.01 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BN006680.D
 Acq: 02 Jul 2019 04:01

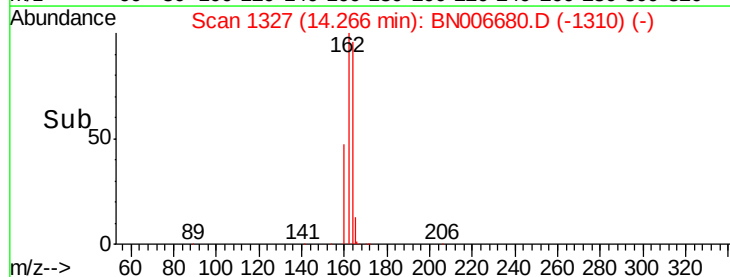
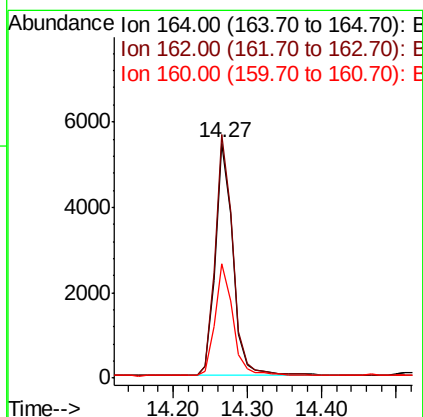
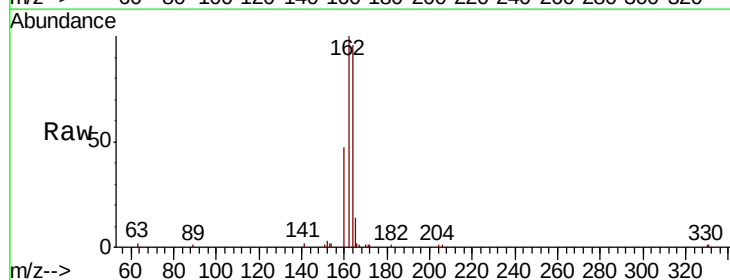
Instrument :
 BNA_M
 ClientSampleId :
 DUP-1DL

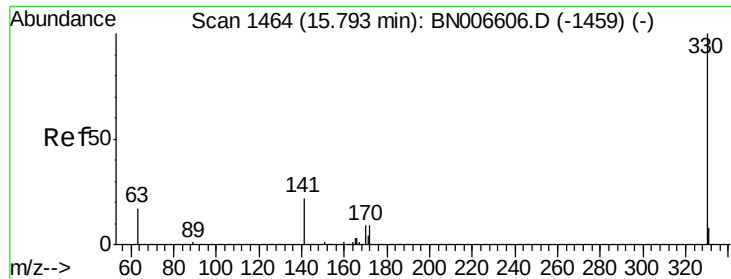
Tgt Ion:152 Resp: 876
 Ion Ratio Lower Upper
 152 100
 151 17.5 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.27 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BN006680.D
 Acq: 02 Jul 2019 04:01

Tgt Ion:164 Resp: 8944
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.0 120.0
 160 48.9 37.0 55.4

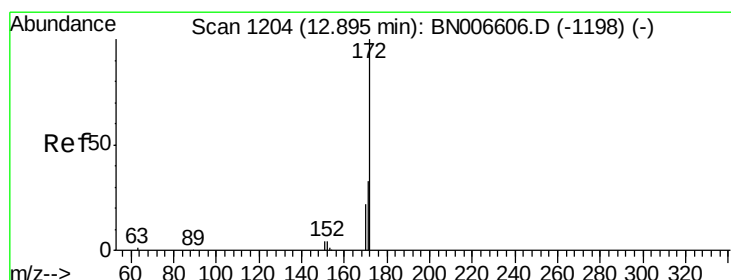
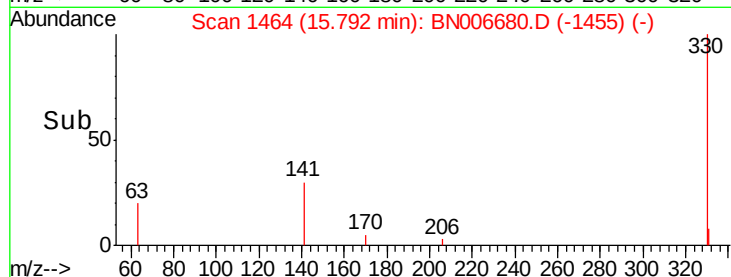
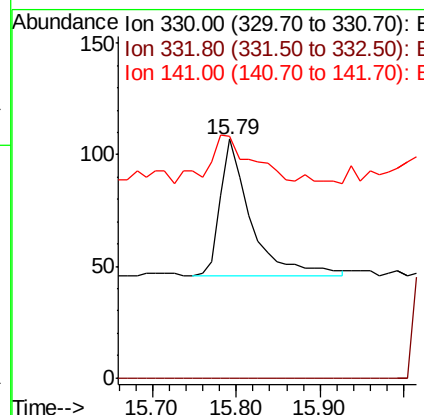
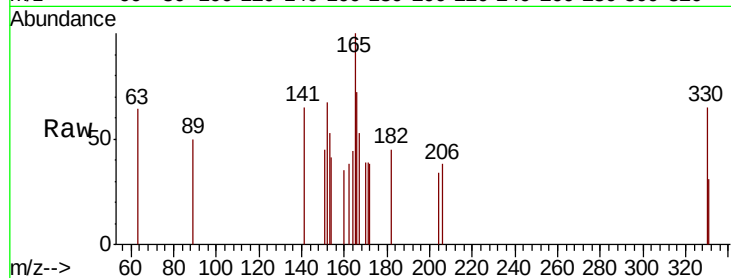




#14
 2,4,6-Tribromophenol
 Concen: 0.036 ng
 RT: 15.79 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BN006680.D
 Acq: 02 Jul 2019 04:01

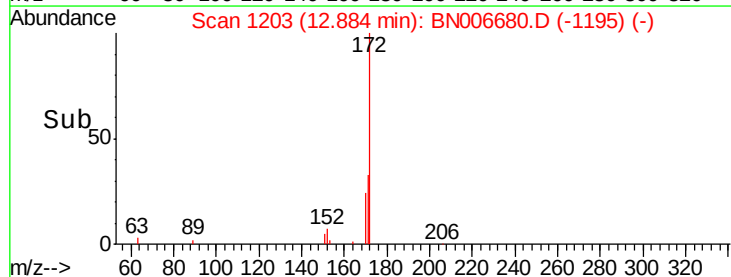
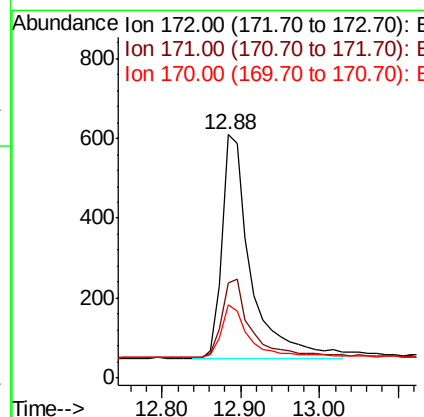
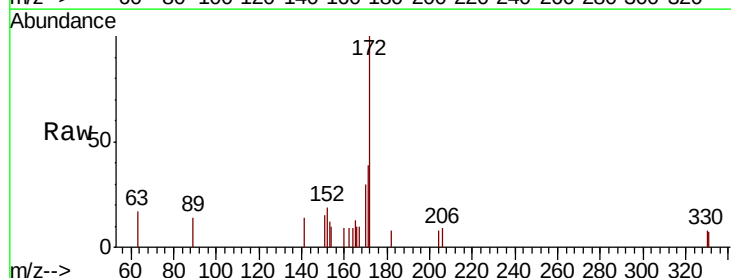
Instrument :
 BNA_M
 ClientSampled :
 DUP-1DL

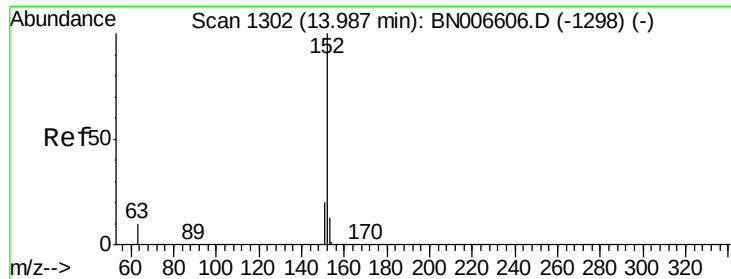
Tgt Ion:330 Resp: 153
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 51.6 26.5 39.7#



#15
 2-Fluorobiphenyl
 Concen: 0.043 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BN006680.D
 Acq: 02 Jul 2019 04:01

Tgt Ion:172 Resp: 1436
 Ion Ratio Lower Upper
 172 100
 171 38.9 27.0 40.4
 170 30.0 17.7 26.5#





#16

Acenaphthylene

Concen: 0.126 ng

RT: 13.99 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

Instrument :

BNA_M

ClientSampleId :

DUP-1DL

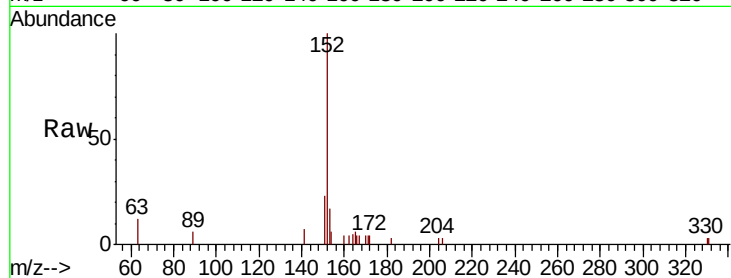
Tgt Ion:152 Resp: 5365

Ion Ratio Lower Upper

152 100

151 19.7 15.6 23.4

153 10.8 10.5 15.7

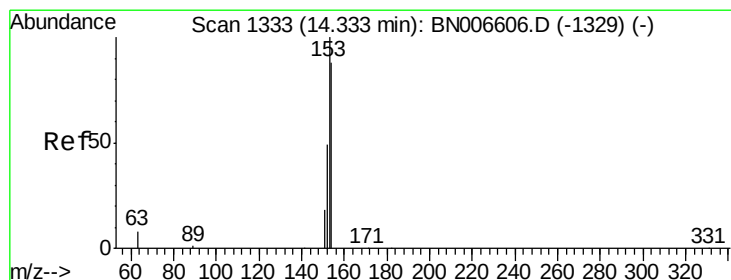
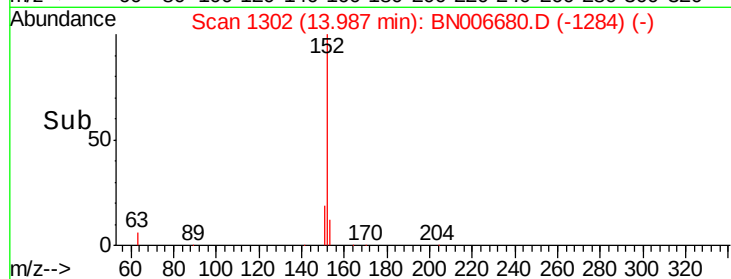
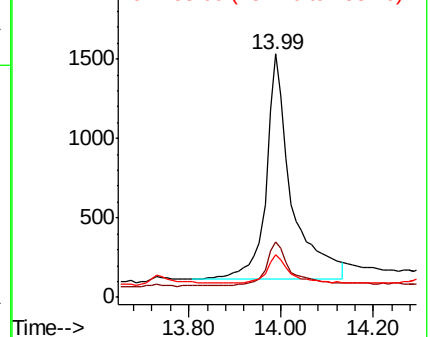


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.021 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

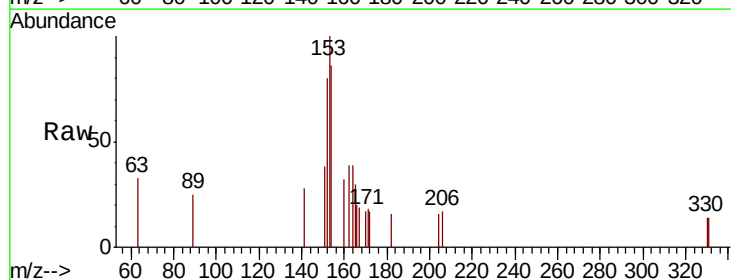
Tgt Ion:154 Resp: 588

Ion Ratio Lower Upper

154 100

153 105.3 90.2 135.4

152 51.4 44.2 66.4

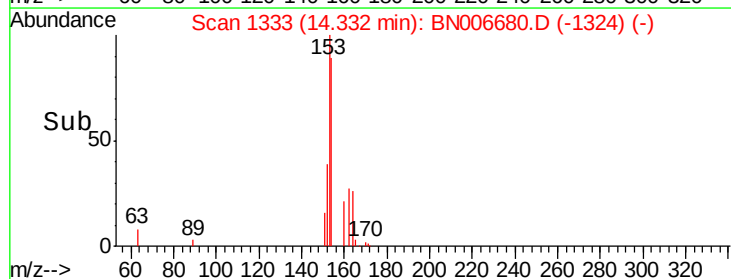
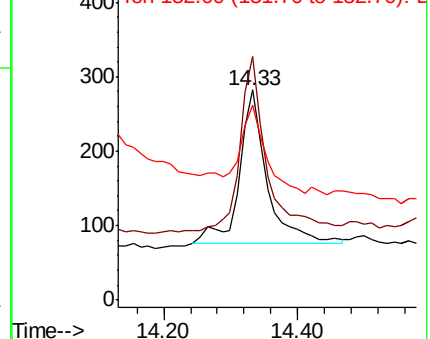


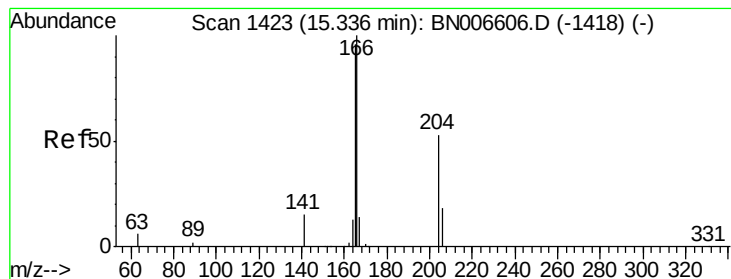
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.022 ng

RT: 15.35 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

Instrument :

BNA_M

ClientSampled :

DUP-1DL

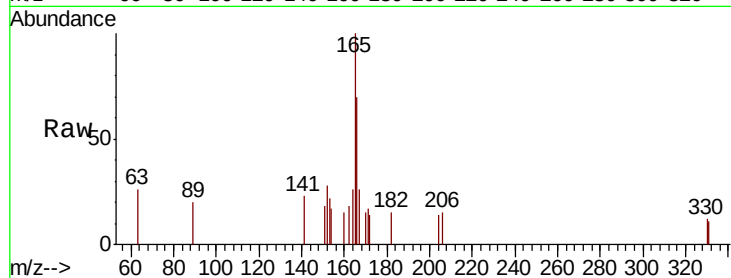
Tgt Ion:166 Resp: 766

Ion Ratio Lower Upper

166 100

165 0.0 78.4 117.6#

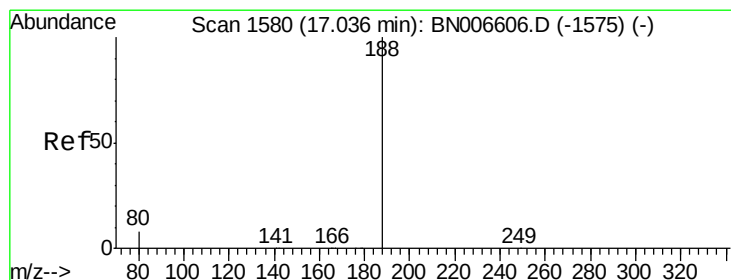
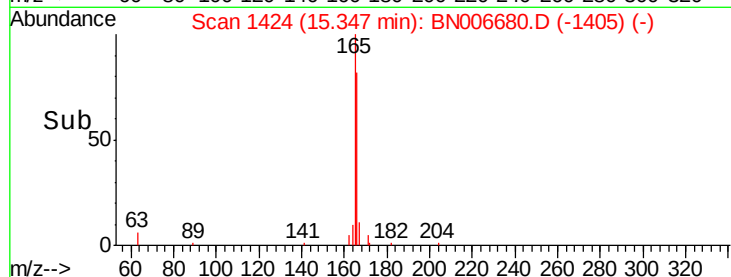
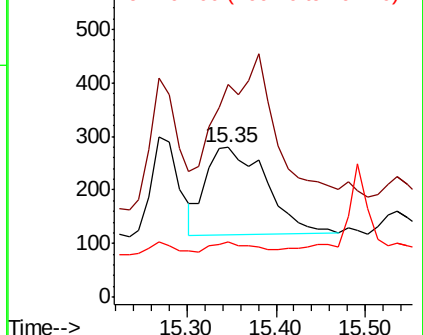
167 7.4 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

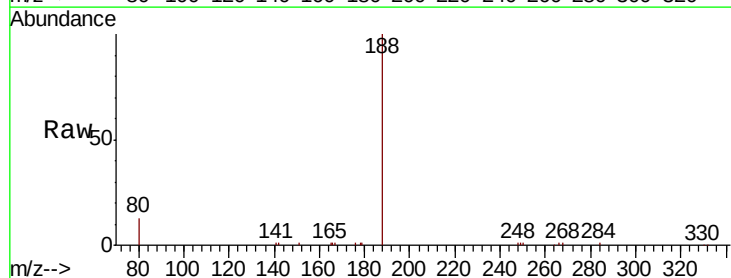
Tgt Ion:188 Resp: 18840

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

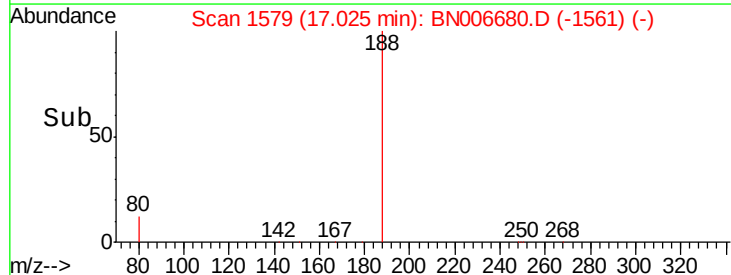
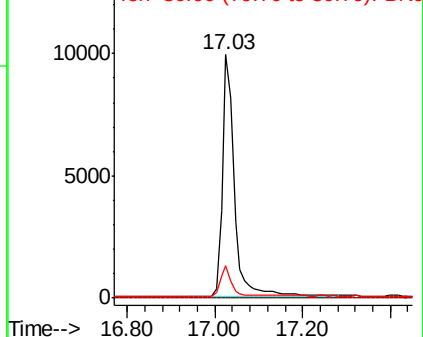
80 13.2 7.1 10.7#

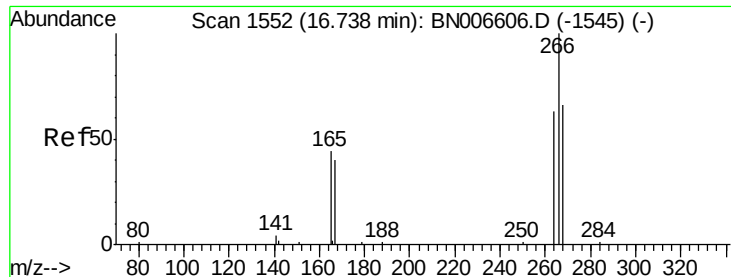


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#22

Pentachlorophenol

Concen: 0.193 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

Instrument :

BNA_M

ClientSampleId :

DUP-1DL

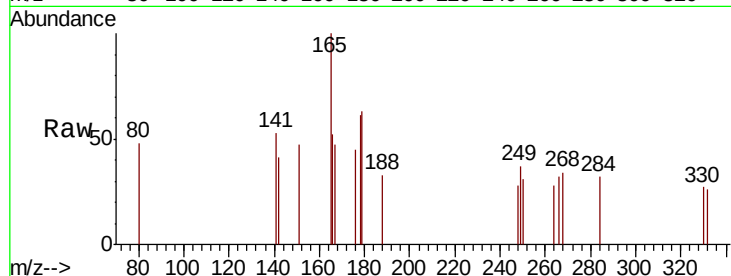
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 89.3 56.2 84.4#

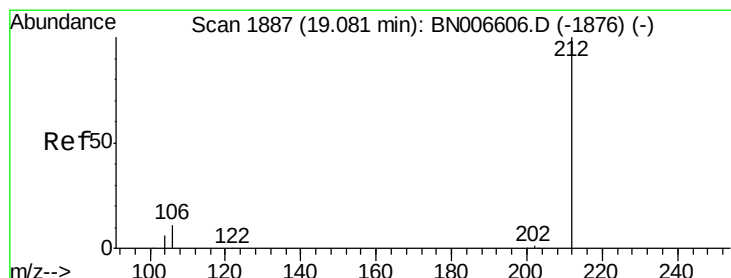
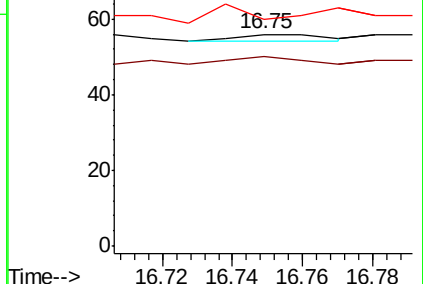
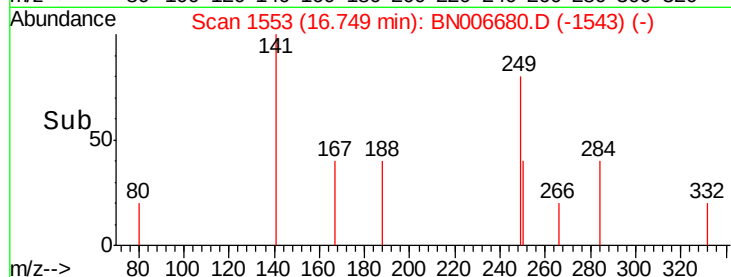
268 107.1 63.0 94.4#



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: 0.037 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

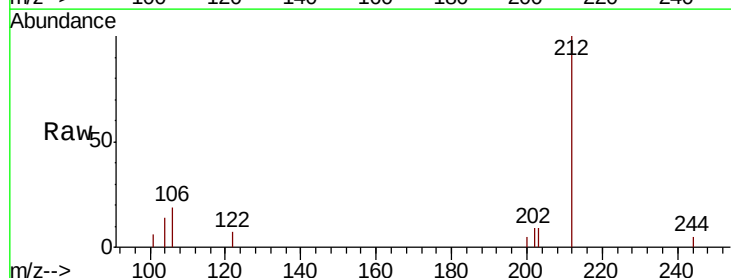
Tgt Ion:212 Resp: 2058

Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

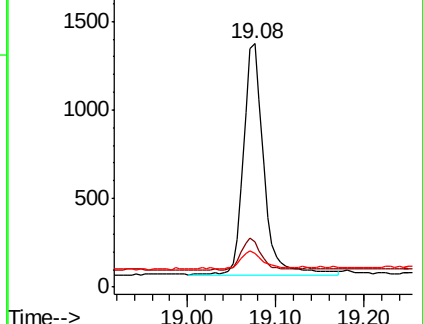
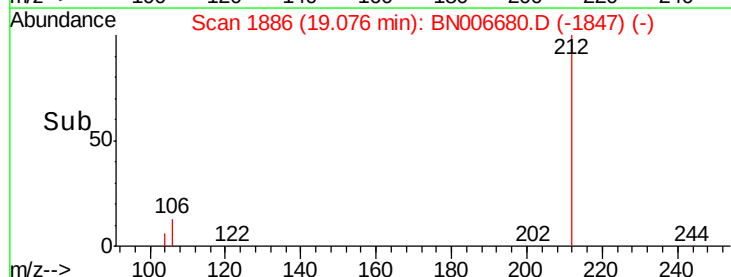
104 8.5 5.8 8.6

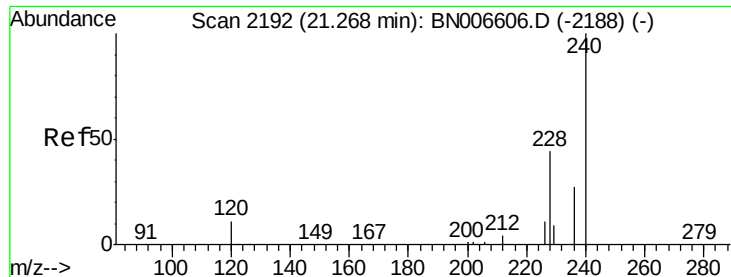


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

Instrument :

BNA_M

ClientSampleId :

DUP-1DL

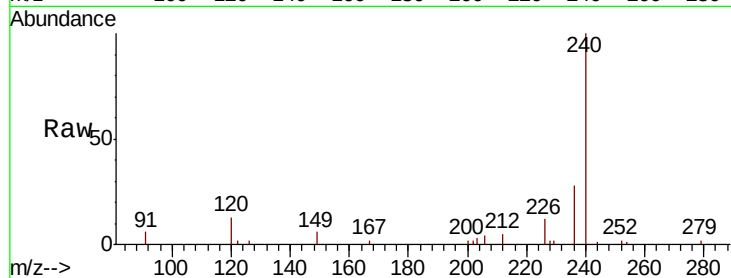
Tgt Ion:240 Resp: 17101

Ion Ratio Lower Upper

240 100

120 12.8 9.9 14.9

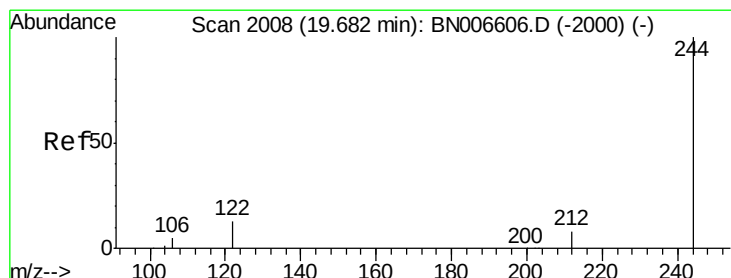
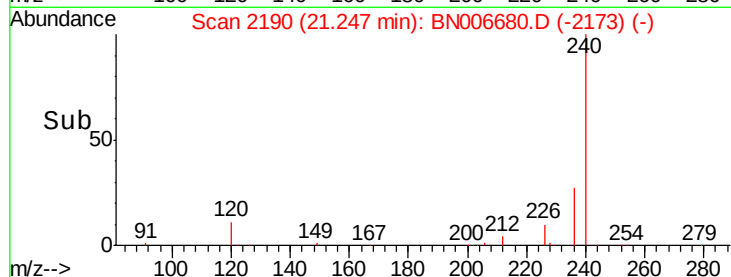
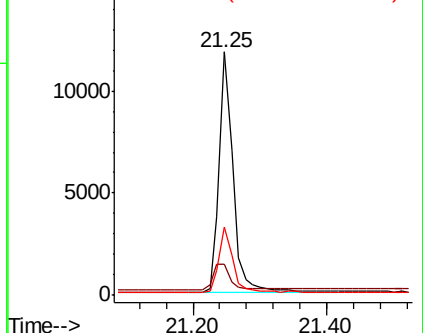
236 28.2 22.2 33.4



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: 0.051 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

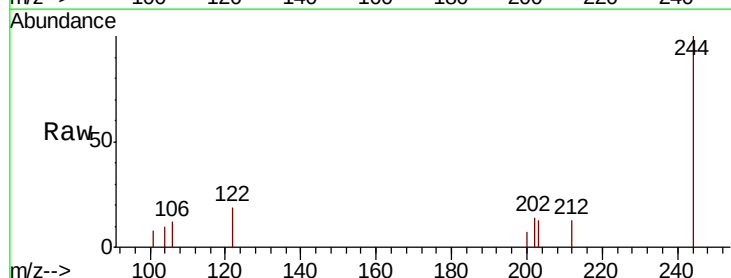
Tgt Ion:244 Resp: 1833

Ion Ratio Lower Upper

244 100

212 12.9 6.7 10.1#

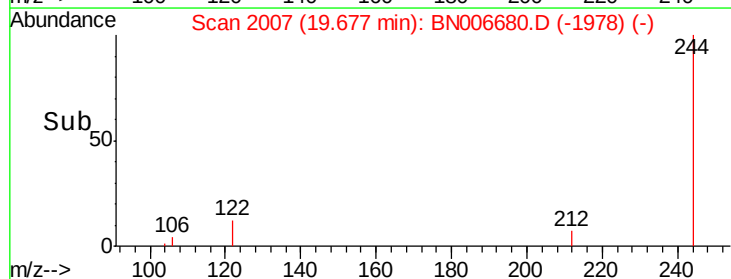
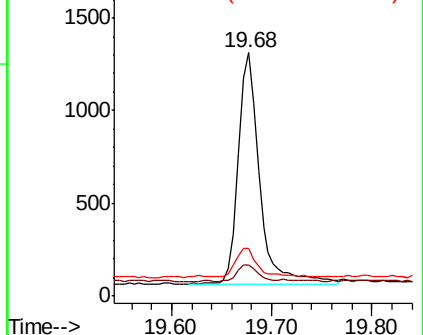
122 19.4 11.0 16.6#

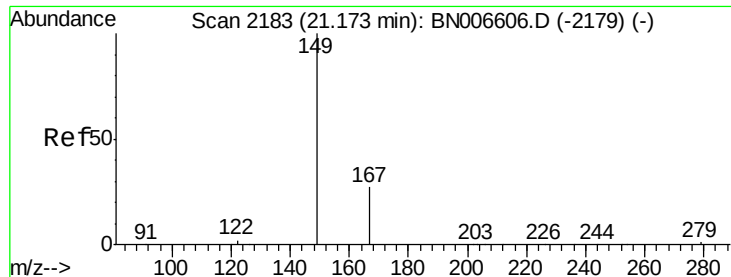


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

Instrument :

BNA_M

ClientSampleId :

DUP-1DL

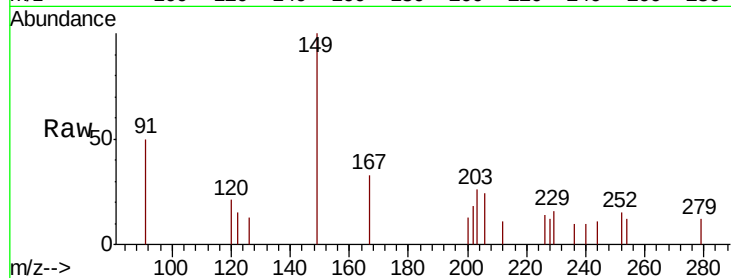
Tgt Ion:149 Resp: 949

Ion Ratio Lower Upper

149 100

167 30.7 22.9 34.3

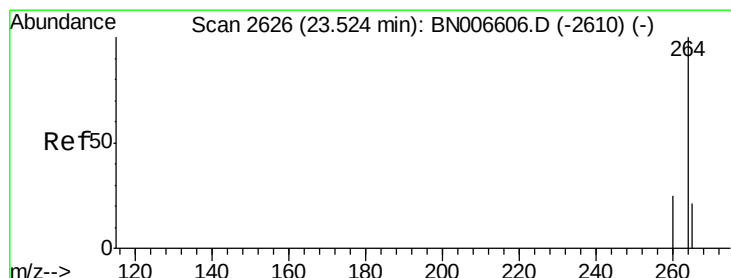
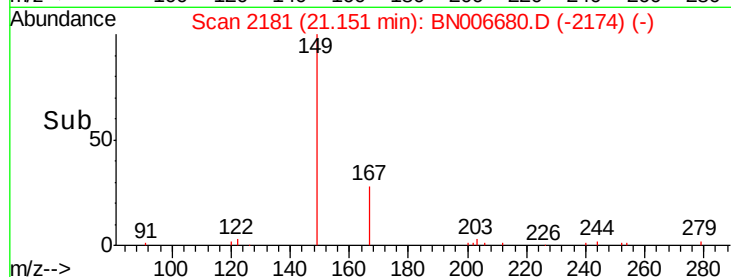
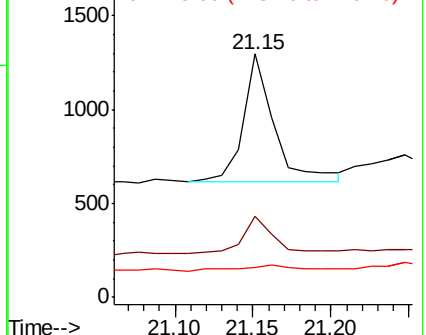
279 8.2 3.3 4.9#



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: 23.48 min Scan# 2613

Delta R.T. -0.04 min

Lab File: BN006680.D

Acq: 02 Jul 2019 04:01

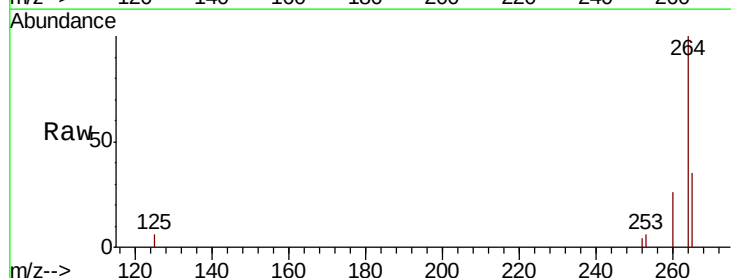
Tgt Ion:264 Resp: 19377

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 35.2 23.3 34.9#



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

