

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007622.D
 Acq On : 13 Sep 2019 12:15
 Operator : HP/JU
 Sample : K4858-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20190909

Quant Time: Sep 14 02:59:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

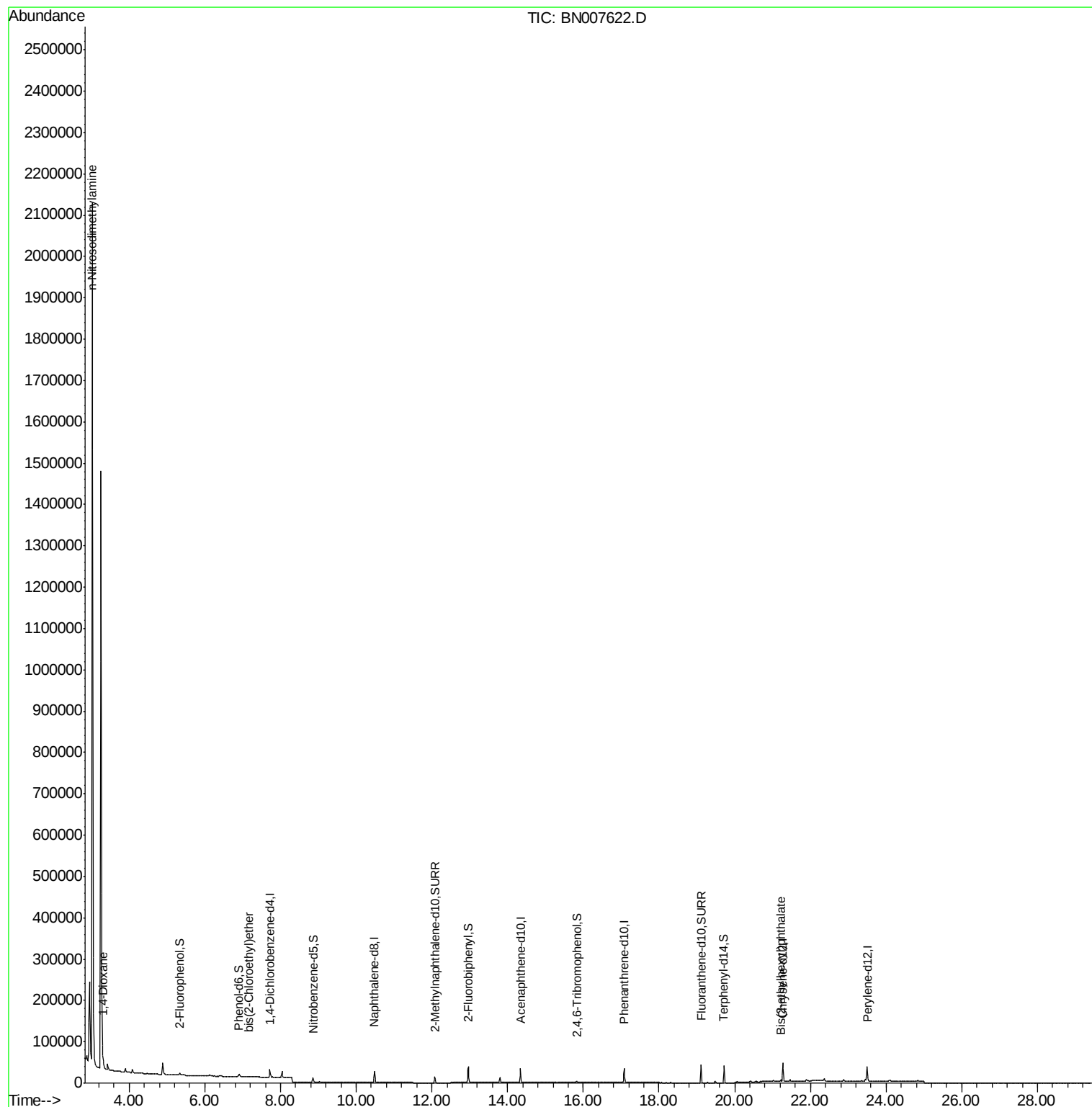
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9417	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	37772	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19591	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	45485	0.40	ng	0.00
27) Chrysene-d12	21.27	240	43779	0.40	ng	-0.01
34) Perylene-d12	23.50	264	45780	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	3919	0.13	ng	0.00
5) Phenol-d6	6.89	99	3154	0.09	ng	0.00
8) Nitrobenzene-d5	8.86	82	9353	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	21045	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2107	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	35232	0.41	ng	0.00
25) Fluoranthene-d10	19.11	212	48425	0.34	ng	0.00
29) Terphenyl-d14	19.72	244	40585	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	6986	0.619	ng	# 85
3) n-Nitrosodimethylamine	3.03	42	181940	35.533	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	927	0.034	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.22	149	5534	0.105	ng	96

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

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Quant Time: Sep 14 02:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



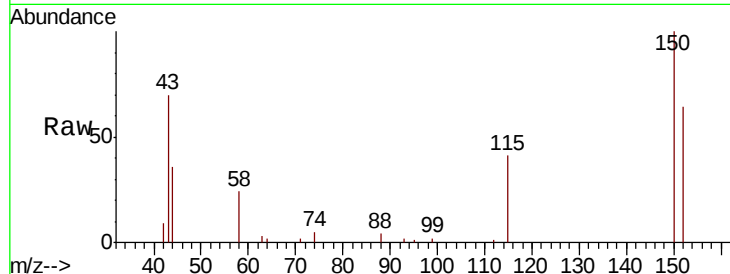


#1

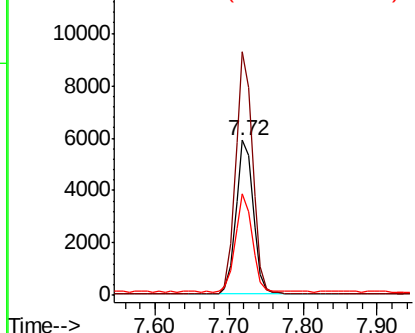
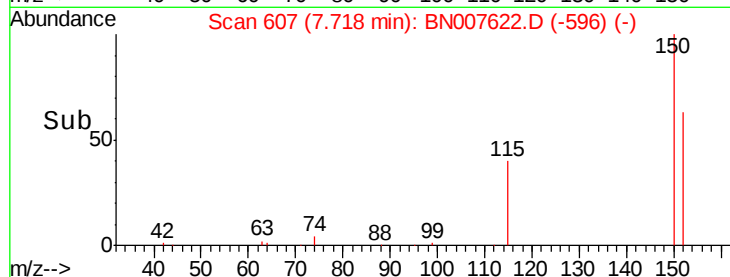
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Instrument :
BNA_N
ClientSampleId :
RE103D2-20190909

Tot Ion:152 Resp: 9417
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 65.1 50.4 75.6



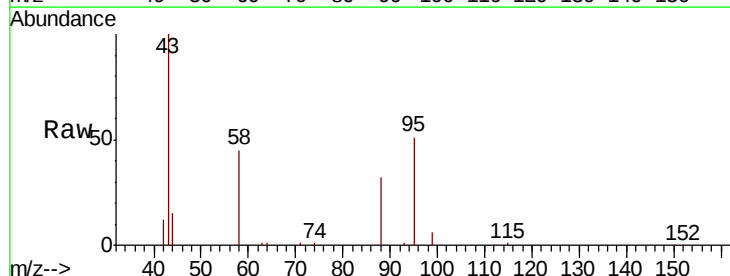
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



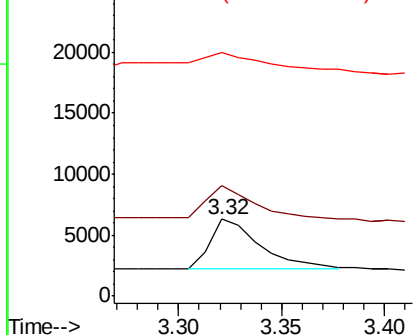
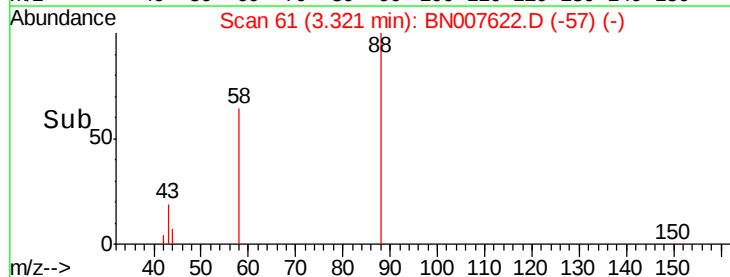
#2

1,4-Dioxane
Concen: 0.619 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007622.D
Acq: 13 Sep 2019 12:15

Tgt Ion: 88 Resp: 6986
Ion Ratio Lower Upper
88 100
58 60.3 57.0 85.4
43 35.6 20.0 30.0#



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





#3

n-Nitrosodimethylamine

Concen: 35.533 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

Instrument :

BNA_N

ClientSampleId :

RE103D2-20190909

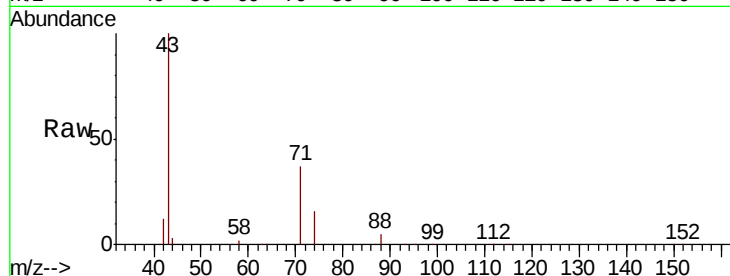
Tot Ion: 42 Resp: 181940

Ion Ratio Lower Upper

42 100

74 144.8 9.8 14.8#

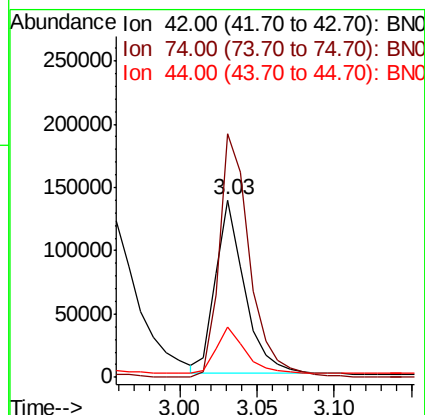
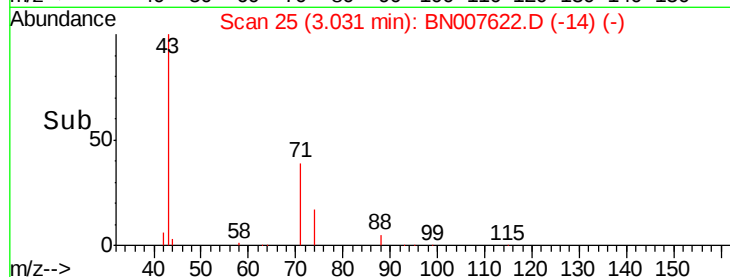
44 26.2 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007603.D (-24) (-)

Ion 74.00 (73.70 to 74.70): BN007603.D (-24) (-)

Ion 44.00 (43.70 to 44.70): BN007603.D (-24) (-)



#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

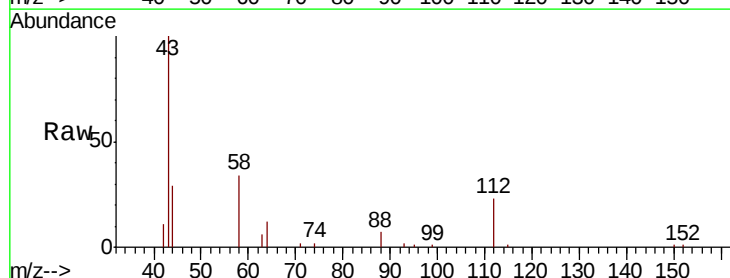
Tgt Ion: 112 Resp: 3919

Ion Ratio Lower Upper

112 100

64 60.6 48.5 72.7

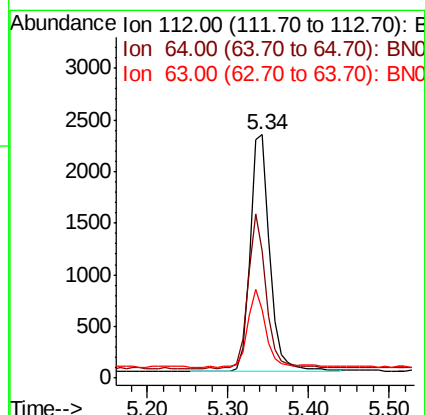
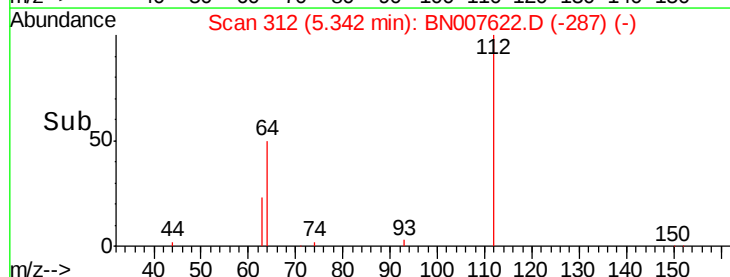
63 30.2 24.4 36.6

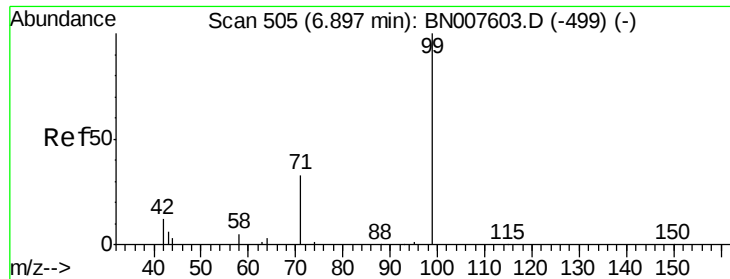


Abundance Ion 112.00 (111.70 to 112.70): BN007603.D (-306) (-)

Ion 64.00 (63.70 to 64.70): BN007603.D (-306) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-306) (-)





#5

Phenol-d6

Concen: 0.092 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

Instrument :

BNA_N

ClientSampleId :

RE103D2-20190909

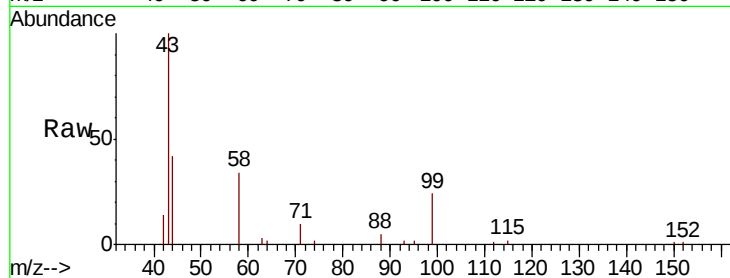
Tot Ion: 99 Resp: 3154

Ion Ratio Lower Upper

99 100

42 23.8 11.8 17.6#

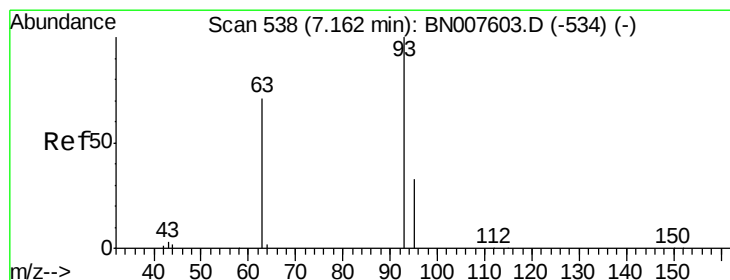
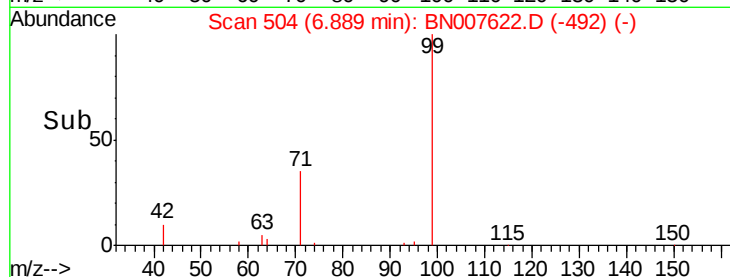
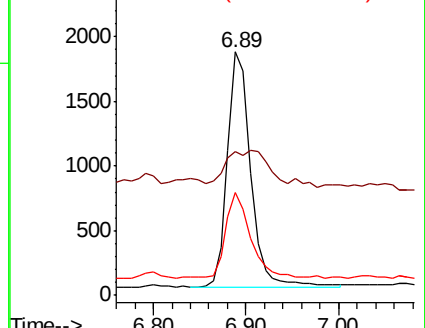
71 38.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 7.16 min Scan# 538

Delta R.T. 0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

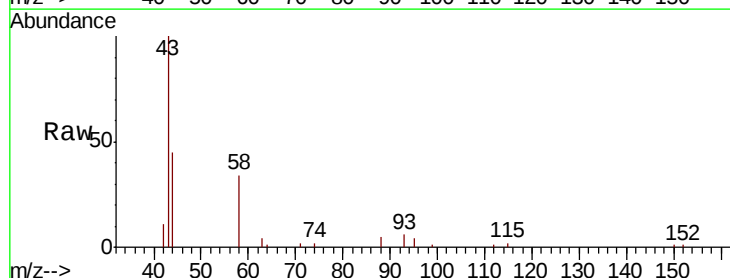
Tgt Ion: 93 Resp: 927

Ion Ratio Lower Upper

93 100

63 62.7 61.2 91.8

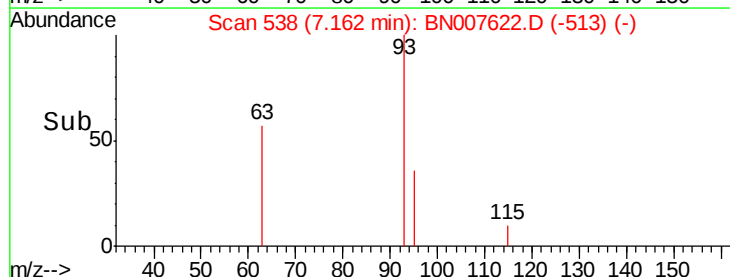
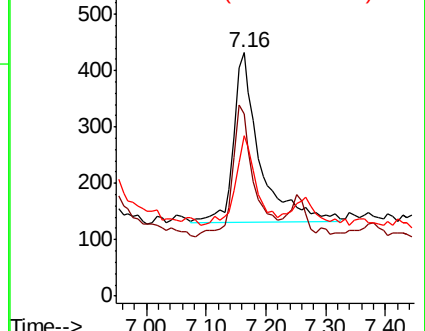
95 41.0 27.2 40.8#

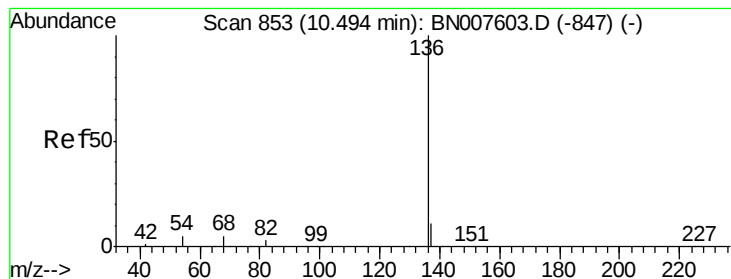


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

Instrument :

BNA_N

ClientSampleId :

RE103D2-20190909

Tot Ion:136 Resp: 37772

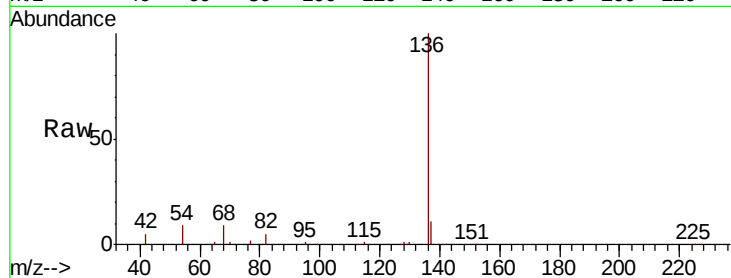
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 4.2 6.4#

68 9.4 4.6 7.0#

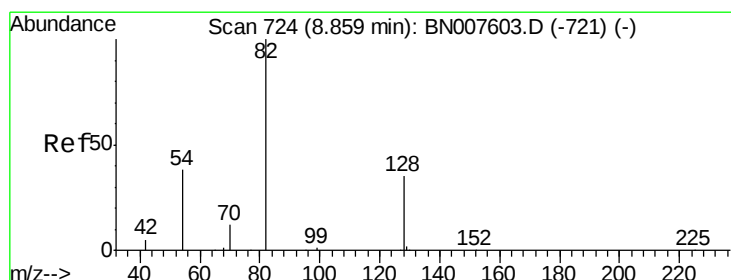
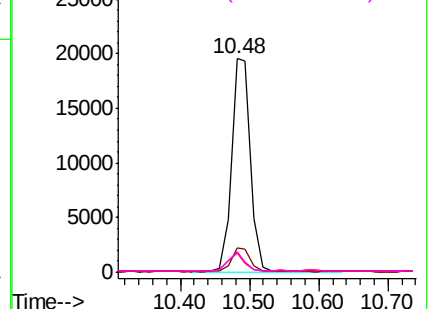
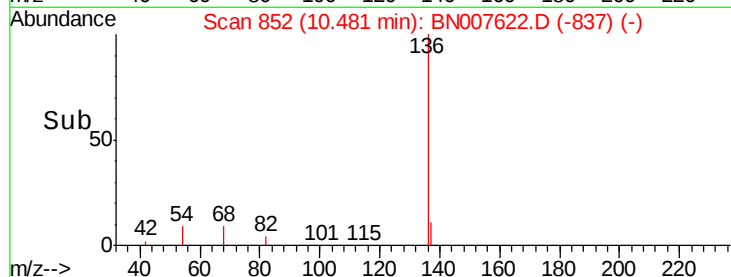


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.310 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

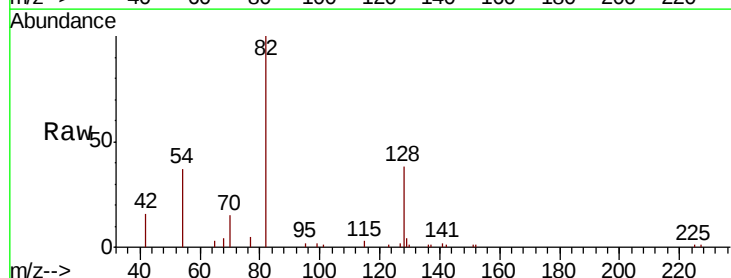
Tgt Ion: 82 Resp: 9353

Ion Ratio Lower Upper

82 100

128 37.8 27.9 41.9

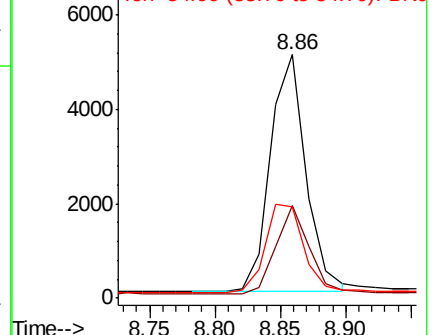
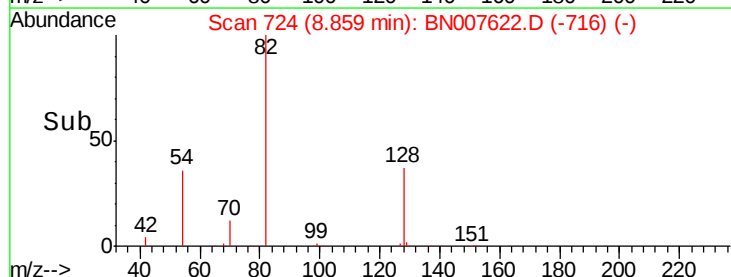
54 37.4 30.9 46.3

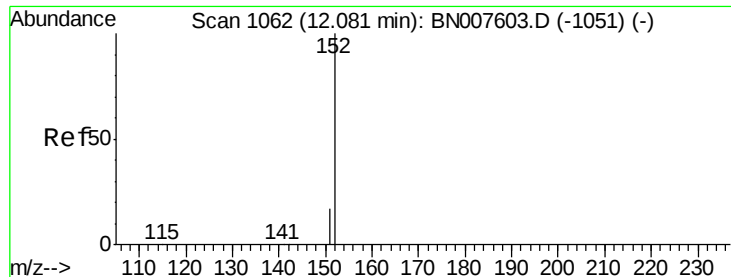


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

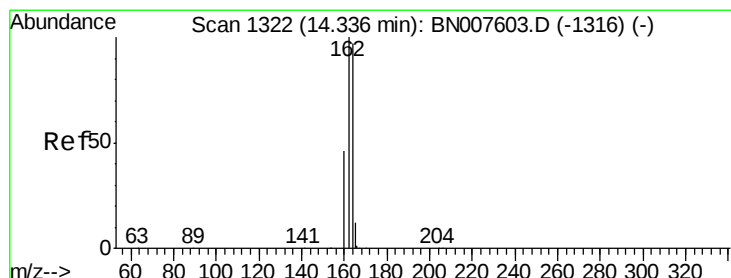
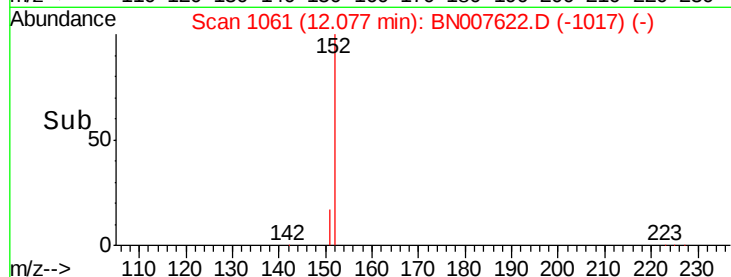
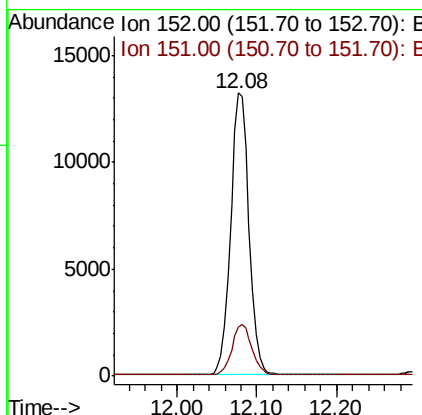
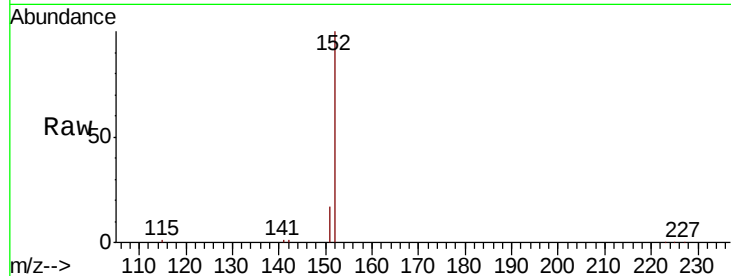




#11
 2-Methylnaphthalene-d10
 Concen: 0.329 ng
 RT: 12.08 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BN007622.D
 Acq: 13 Sep 2019 12:15

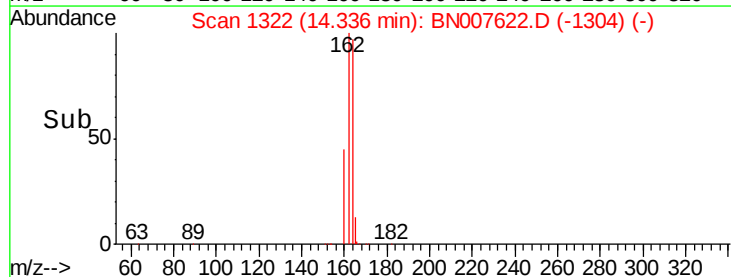
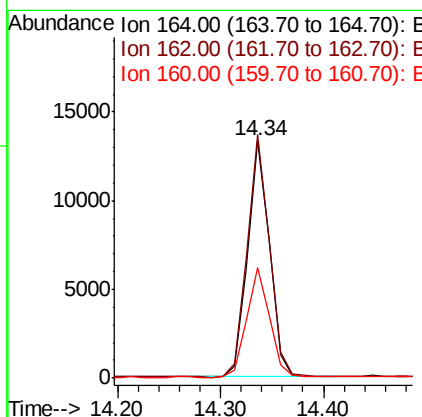
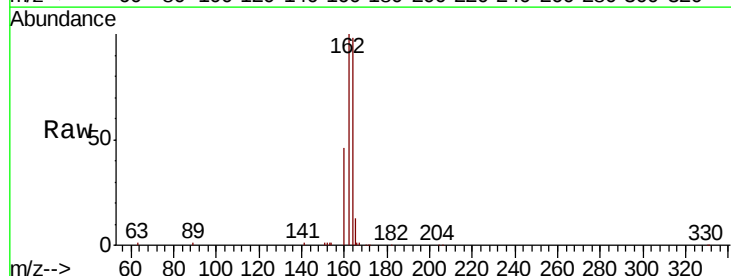
Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20190909

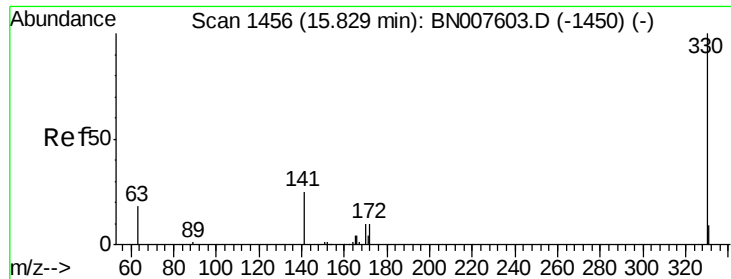
Tot Ion:152 Resp: 21045
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BN007622.D
 Acq: 13 Sep 2019 12:15

Tgt Ion:164 Resp: 19591
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.8 124.2
 160 46.7 38.0 57.0





#14

2,4,6-Tribromophenol

Concen: 0.284 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

Instrument :

BNA_N

ClientSampleId :

RE103D2-20190909

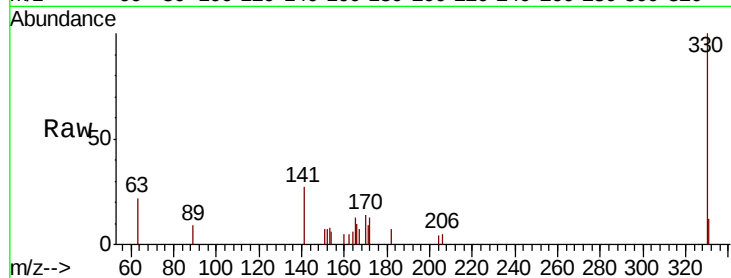
Tot Ion:330 Resp: 2107

Ion Ratio Lower Upper

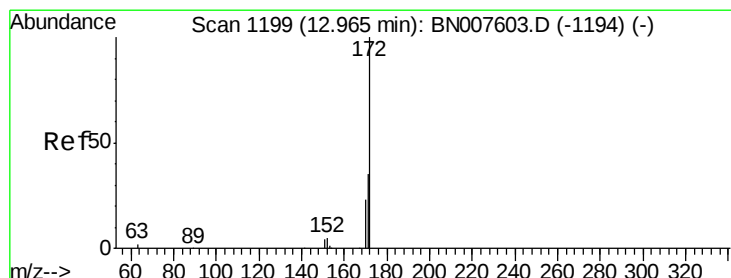
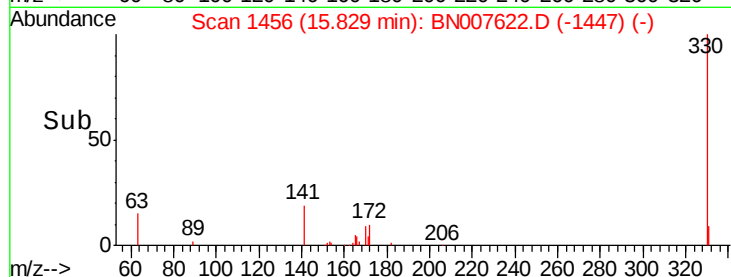
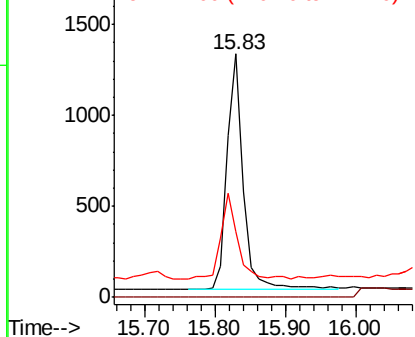
330 100

332 0.0 0.0 0.0

141 38.2 30.1 45.1



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: 0.412 ng

RT: 12.97 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

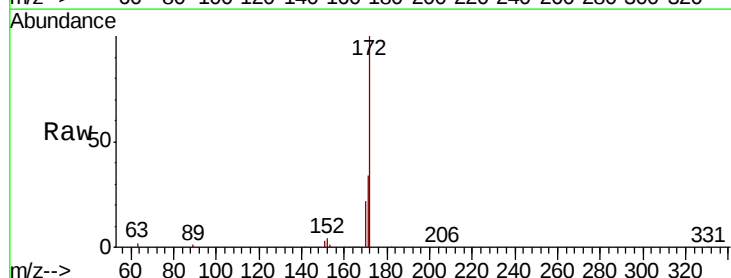
Tgt Ion:172 Resp: 35232

Ion Ratio Lower Upper

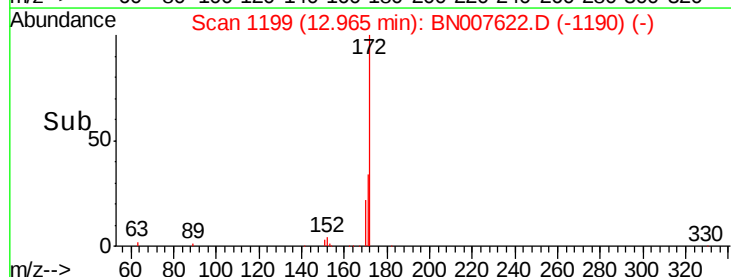
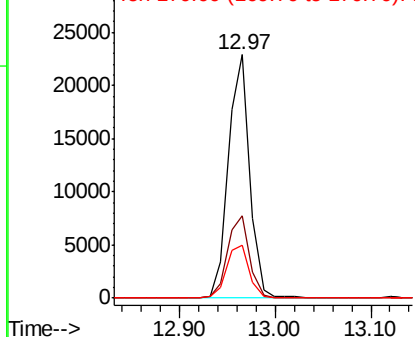
172 100

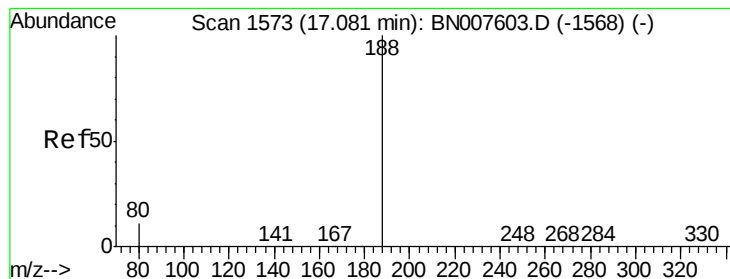
171 33.7 27.9 41.9

170 21.9 18.5 27.7



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: 17.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

Instrument :

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RE103D2-20190909

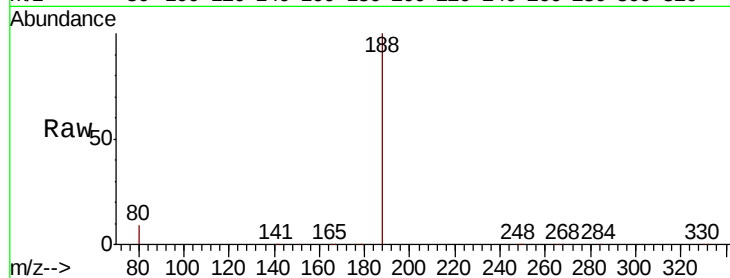
Tot Ion:188 Resp: 45485

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

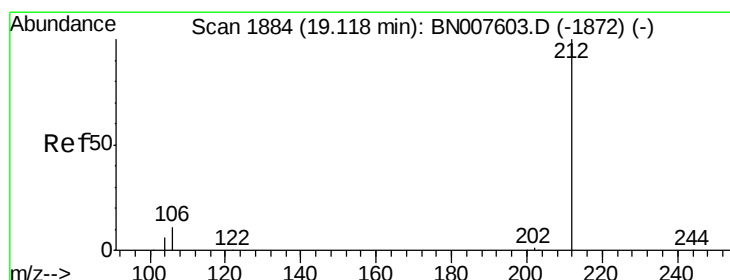
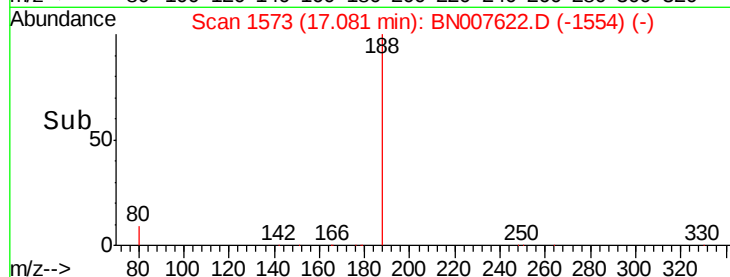
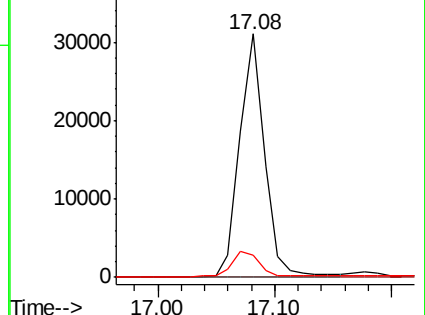
80 9.4 8.8 13.2



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: 0.337 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

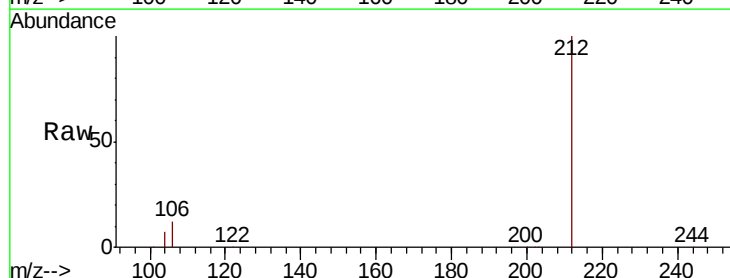
Tgt Ion:212 Resp: 48425

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

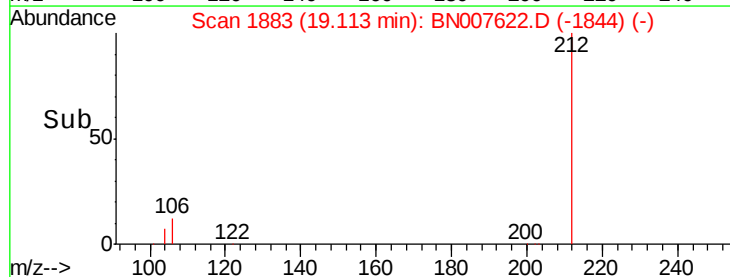
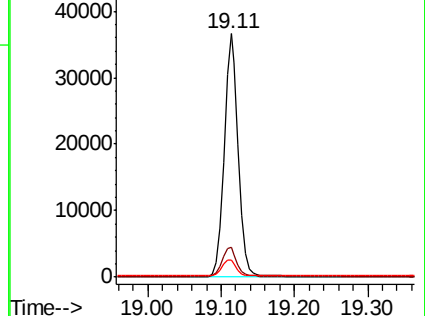
104 6.8 5.4 8.0

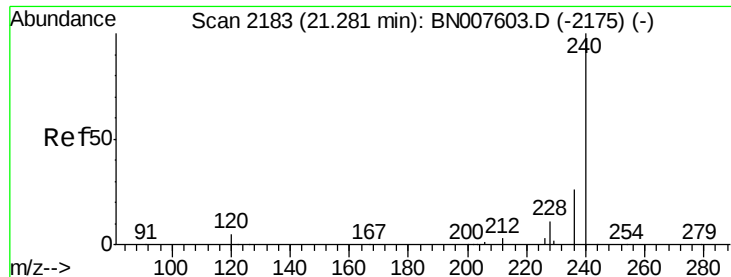


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

Instrument :

BNA_N

ClientSampleId :

RE103D2-20190909

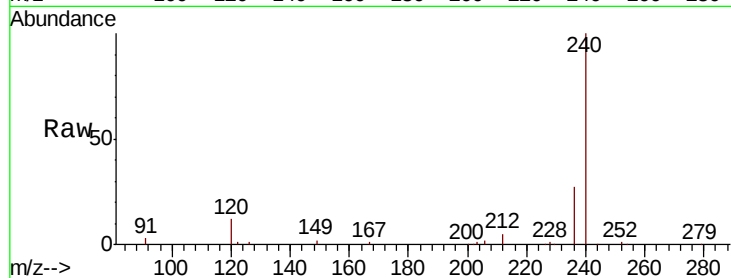
Tot Ion:240 Resp: 43779

Ion Ratio Lower Upper

240 100

120 11.6 4.3 6.5#

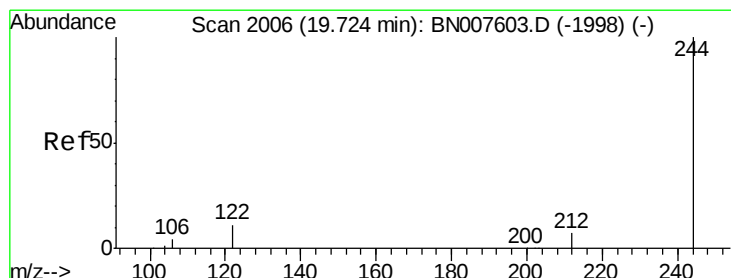
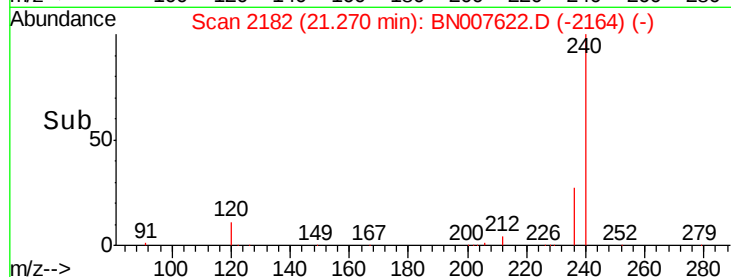
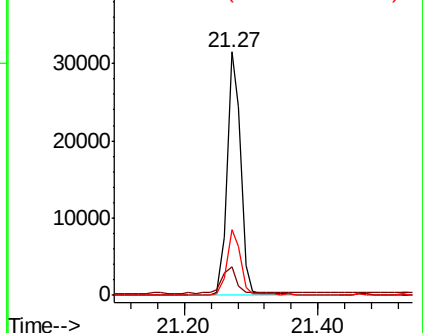
236 26.8 20.8 31.2



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: 0.352 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BN007622.D

Acq: 13 Sep 2019 12:15

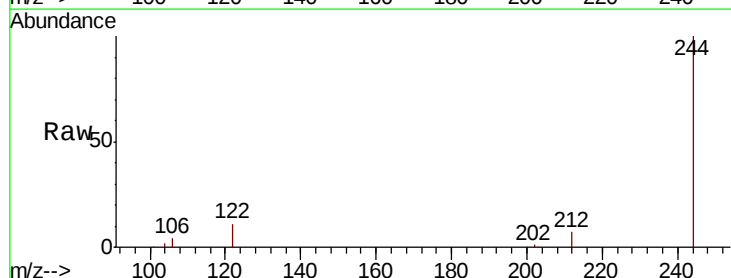
Tgt Ion:244 Resp: 40585

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

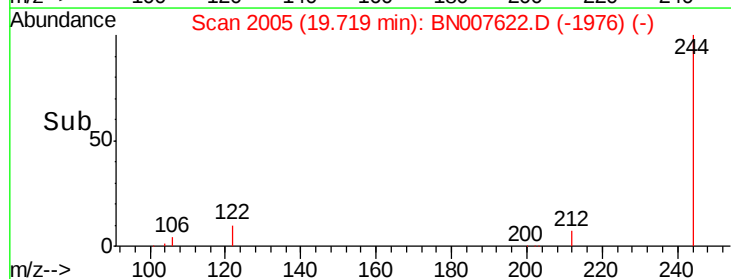
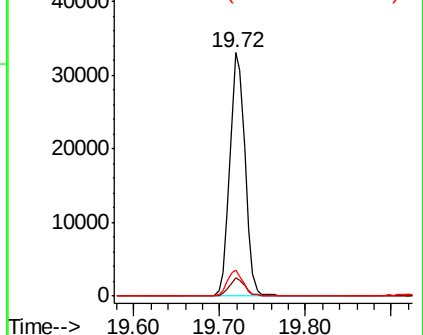
122 10.7 8.6 12.8

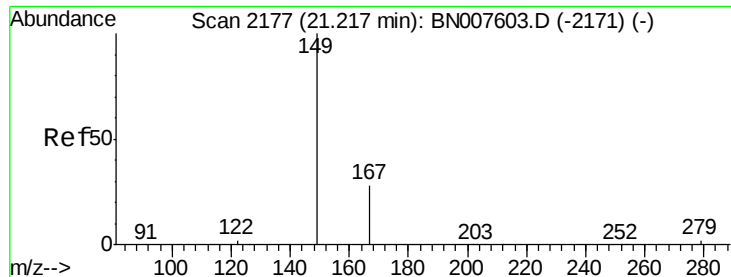


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

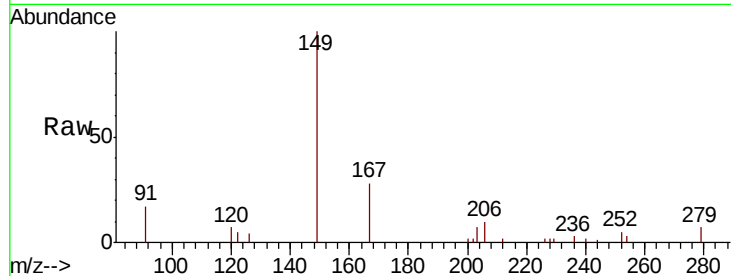




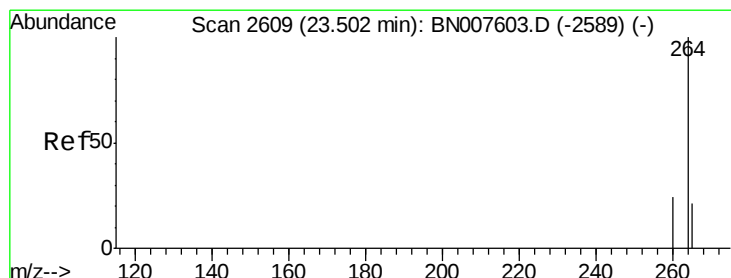
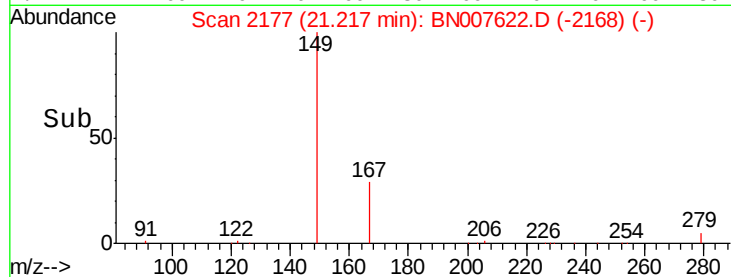
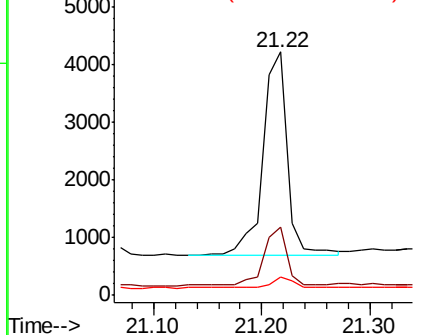
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.22 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BN007622.D
 Acq: 13 Sep 2019 12:15

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20190909

Tot Ion:149 Resp: 5534
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.6 34.0
 279 5.1 3.8 5.6

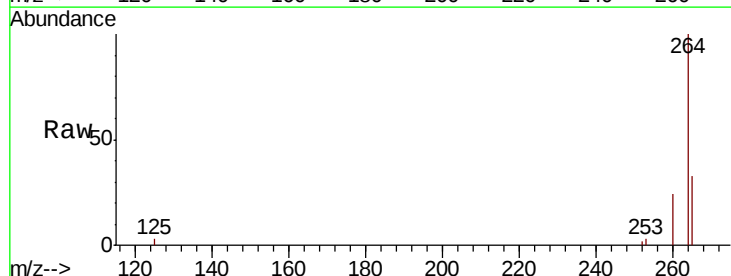


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BN007622.D
 Acq: 13 Sep 2019 12:15

Tgt Ion:264 Resp: 45780
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 32.7 24.6 37.0



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

