

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007624.D
 Acq On : 13 Sep 2019 13:27
 Operator : HP/JU
 Sample : K4858-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20190909

Quant Time: Sep 14 03:41:25 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

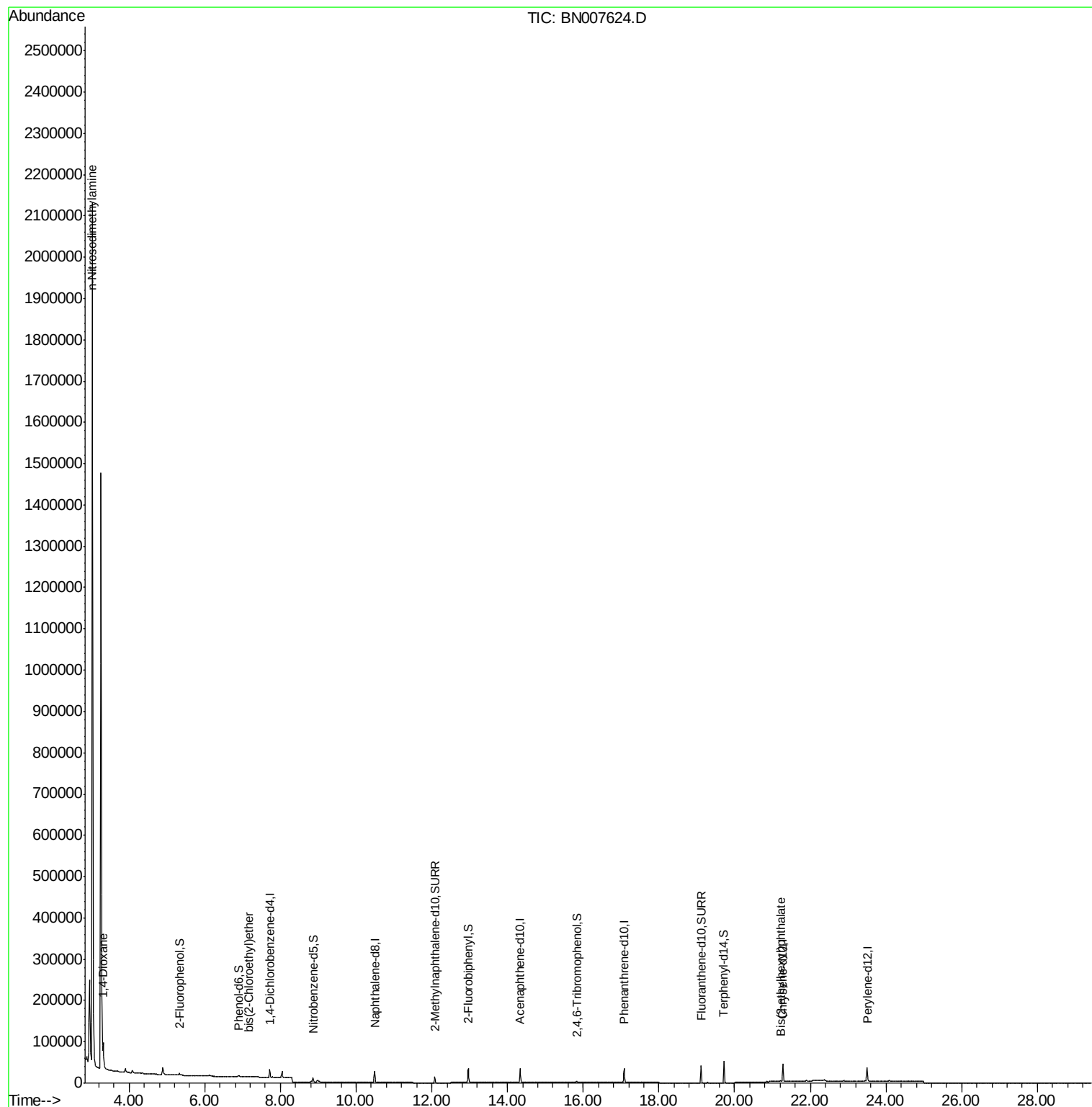
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9433	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	38077	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	19770	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	45392	0.40	ng	0.00
27) Chrysene-d12	21.27	240	42537	0.40	ng	-0.01
34) Perylene-d12	23.50	264	44400	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	4002	0.13	ng	0.00
5) Phenol-d6	6.89	99	3246	0.09	ng	0.00
8) Nitrobenzene-d5	8.86	82	9719	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	21362	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2196	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	32556	0.38	ng	0.00
25) Fluoranthene-d10	19.11	212	47662	0.33	ng	0.00
29) Terphenyl-d14	19.72	244	52029	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	40396	3.574	ng	Qvalue 89
3) n-Nitrosodimethylamine	3.03	42	180581	35.208	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	575	0.021	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.22	149	2312	0.045	ng	# 96

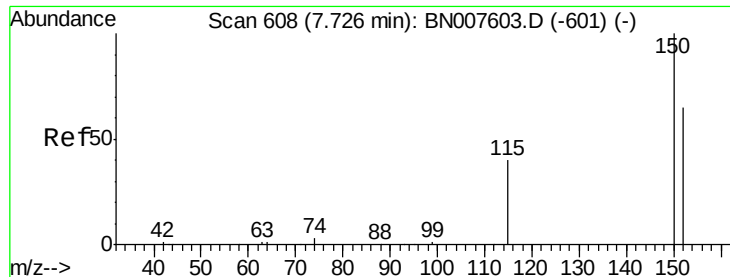
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



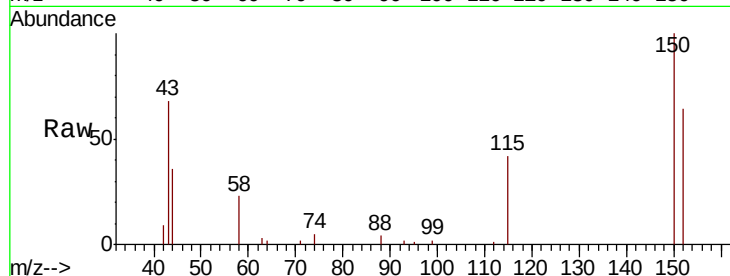


#1

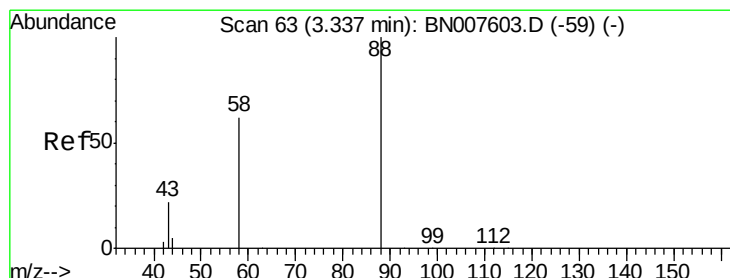
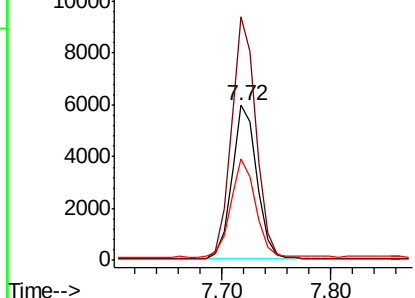
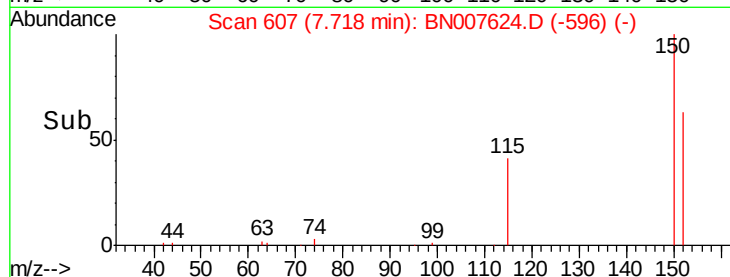
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007624.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_N
ClientSampleId :
RE122D1-20190909

Tot Ion:152 Resp: 9433
Ion Ratio Lower Upper
152 100
150 157.4 122.4 183.6
115 65.9 50.4 75.6



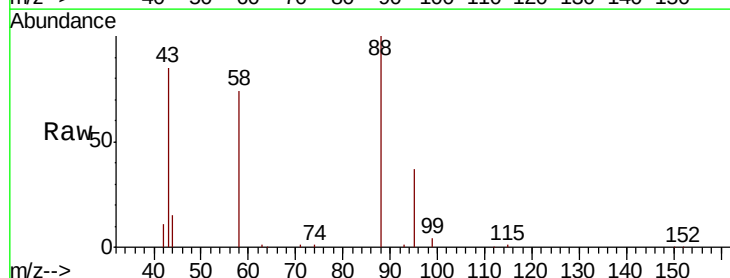
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



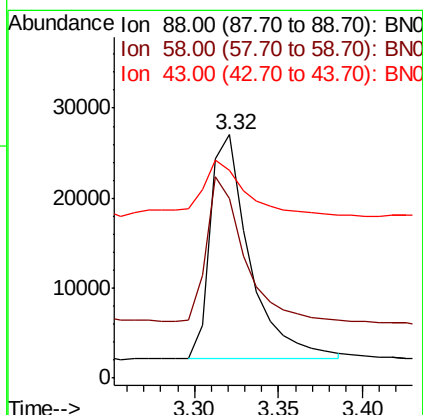
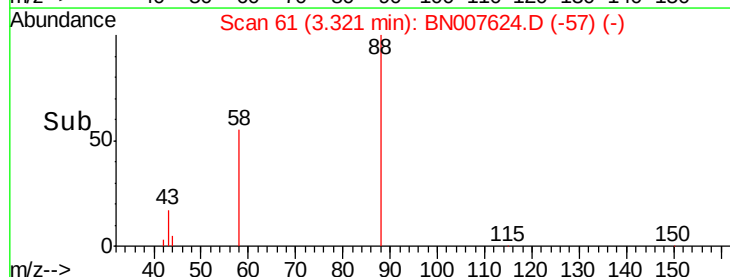
#2

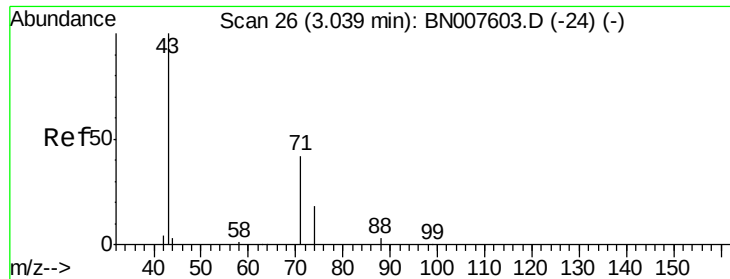
1,4-Dioxane
Concen: 3.574 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007624.D
Acq: 13 Sep 2019 13:27

Tgt Ion: 88 Resp: 40396
Ion Ratio Lower Upper
88 100
58 59.1 57.0 85.4
43 24.9 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



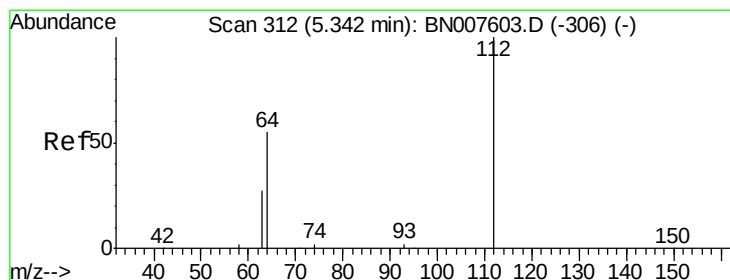
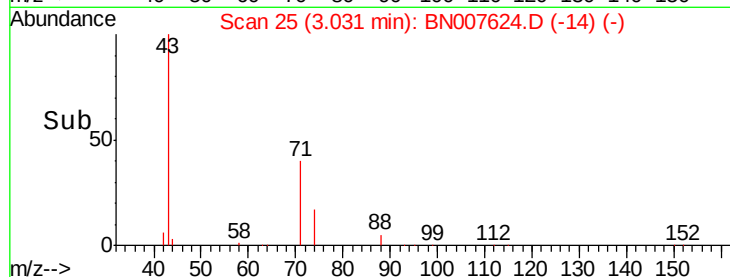
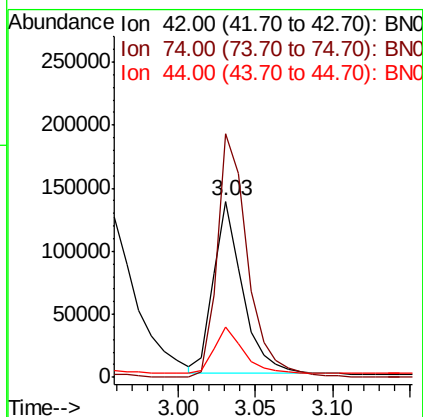
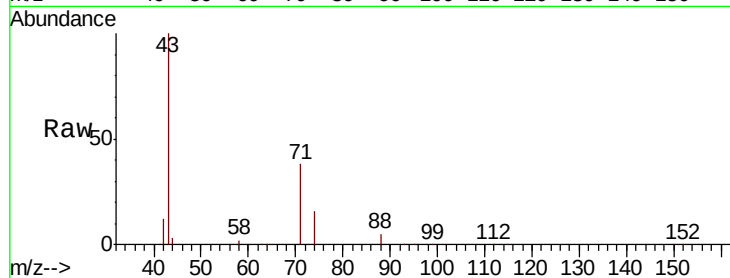


#3

n-Nitrosodimethylamine
 Concen: 35.208 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007624.D
 Acq: 13 Sep 2019 13:27

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20190909

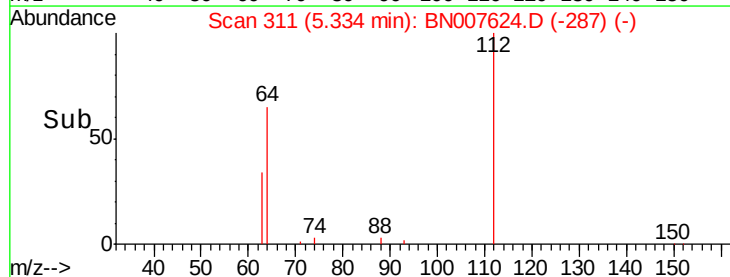
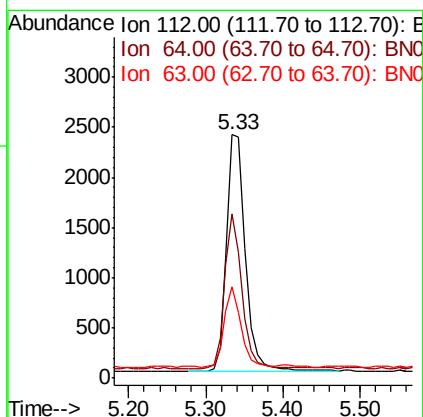
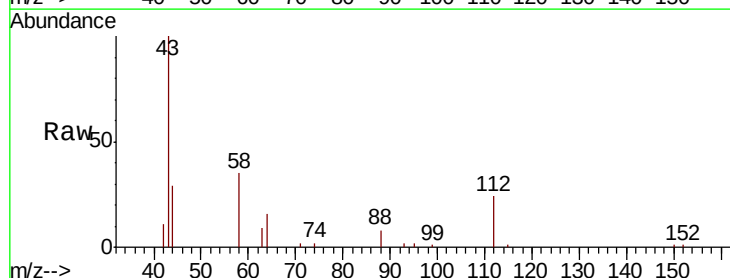
Tot Ion: 42 Resp: 180581
 Ion Ratio Lower Upper
 42 100
 74 145.9 9.8 14.8#
 44 26.5 0.0 0.0#

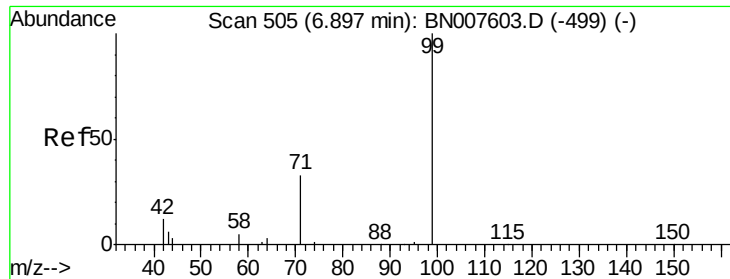


#4

2-Fluorophenol
 Concen: 0.132 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007624.D
 Acq: 13 Sep 2019 13:27

Tgt Ion: 112 Resp: 4002
 Ion Ratio Lower Upper
 112 100
 64 61.3 48.5 72.7
 63 29.8 24.4 36.6





#5

Phenol-d6

Concen: 0.094 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

Instrument :

BNA_N

ClientSampleId :

RE122D1-20190909

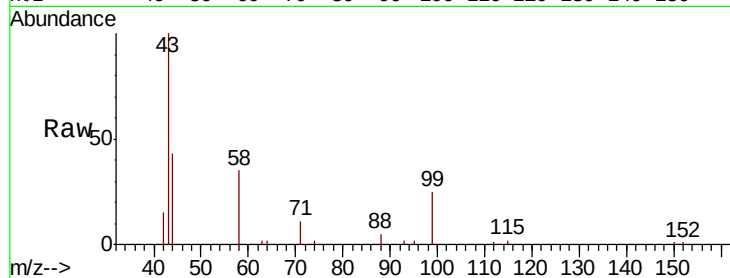
Tot Ion: 99 Resp: 3246

Ion Ratio Lower Upper

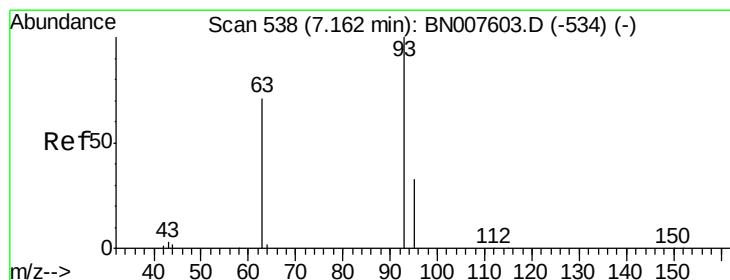
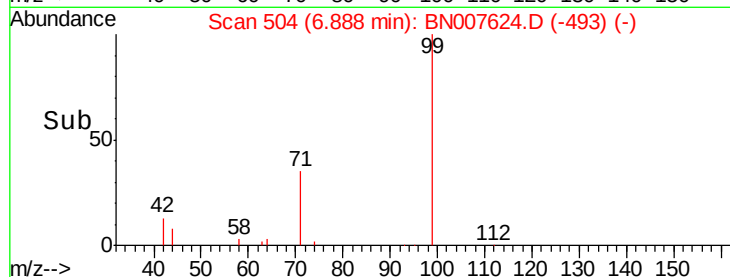
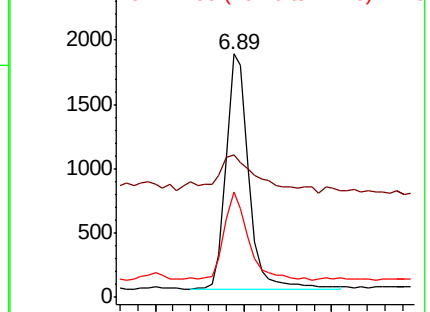
99 100

42 27.9 11.8 17.6#

71 41.5 28.0 42.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

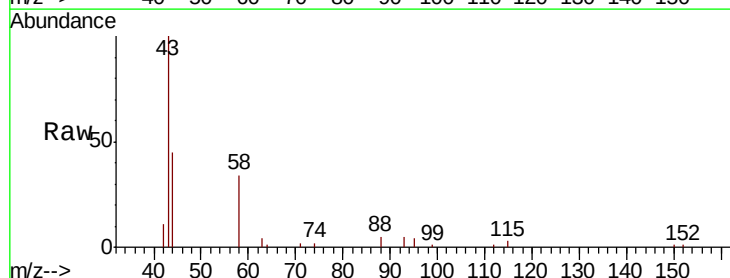
Tgt Ion: 93 Resp: 575

Ion Ratio Lower Upper

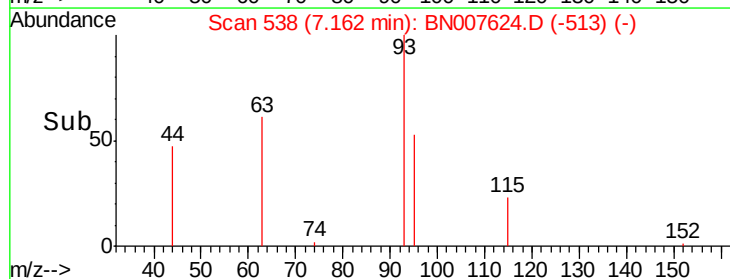
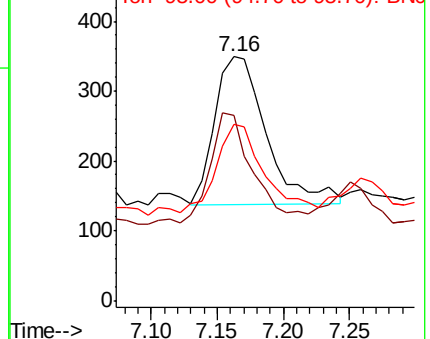
93 100

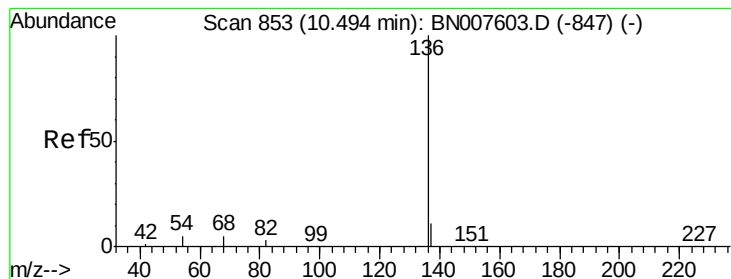
63 64.7 61.2 91.8

95 59.7 27.2 40.8#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

Instrument :

BNA_N

ClientSampleId :

RE122D1-20190909

Tot Ion:136 Resp: 38077

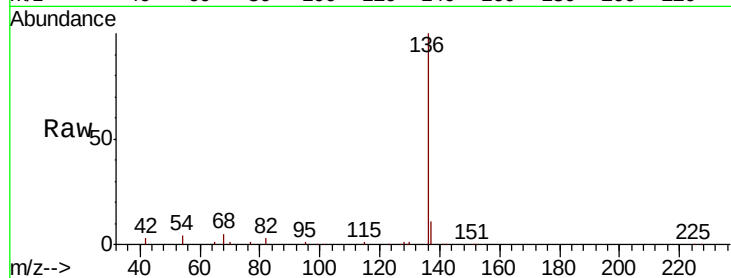
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 4.3 4.2 6.4

68 4.9 4.6 7.0

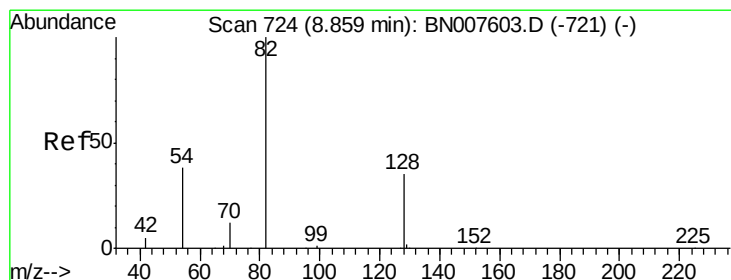
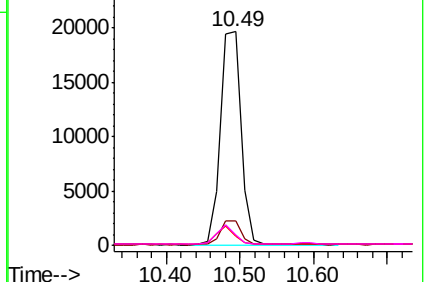
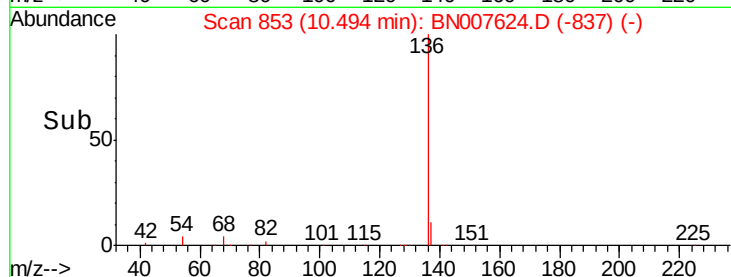


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

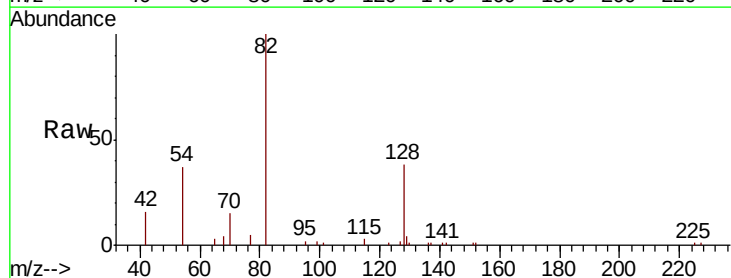
Tgt Ion: 82 Resp: 9719

Ion Ratio Lower Upper

82 100

128 38.4 27.9 41.9

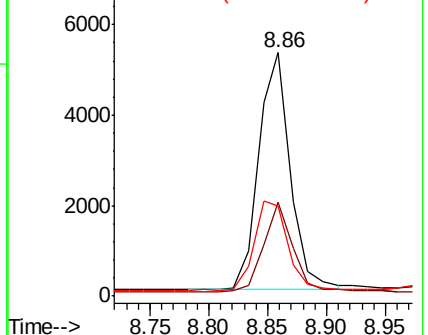
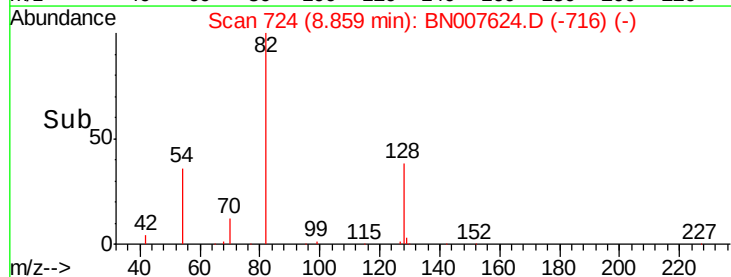
54 37.0 30.9 46.3

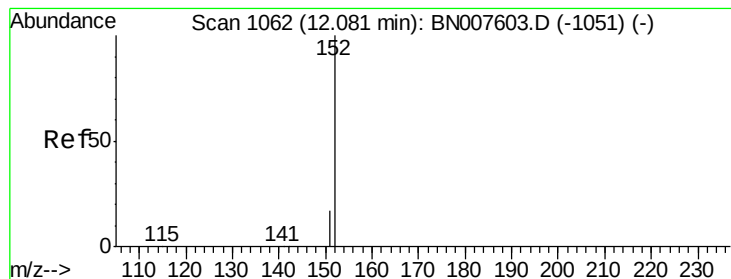


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 12.08 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

Instrument :

BNA_N

ClientSampleId :

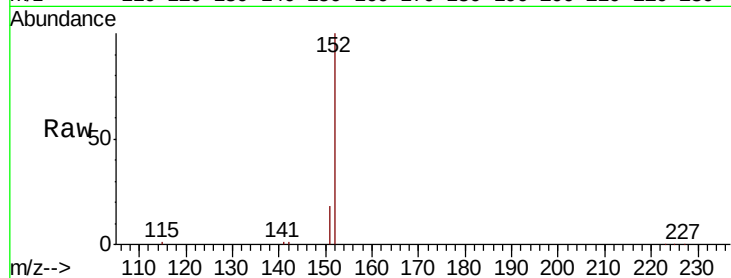
RE122D1-20190909

Tot Ion:152 Resp: 21362

Ion Ratio Lower Upper

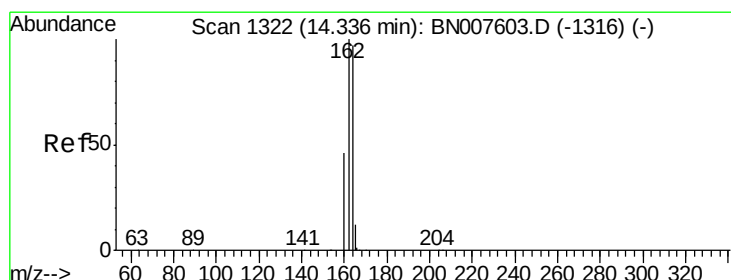
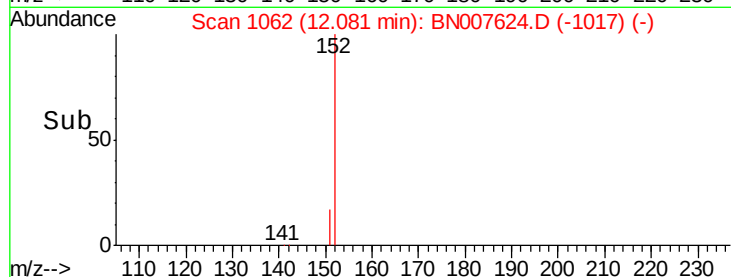
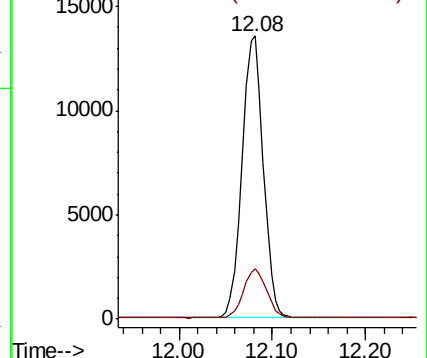
152 100

151 19.0 15.3 22.9



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: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

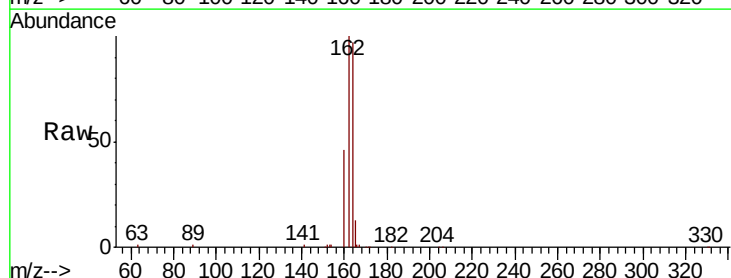
Tgt Ion:164 Resp: 19770

Ion Ratio Lower Upper

164 100

162 102.7 82.8 124.2

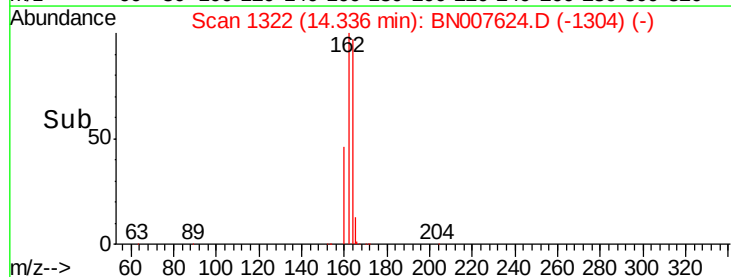
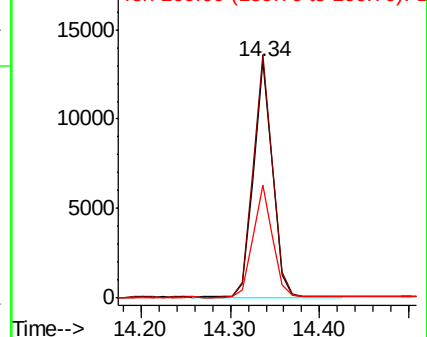
160 47.4 38.0 57.0

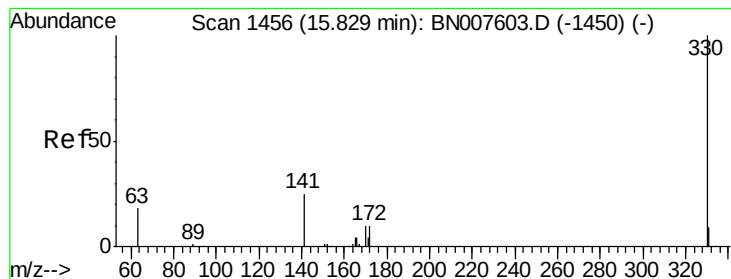


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.294 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

Instrument :

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RE122D1-20190909

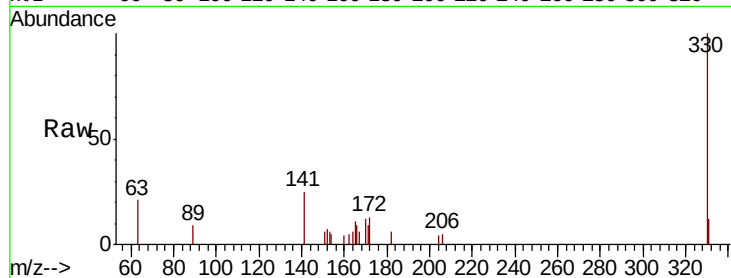
Tot Ion:330 Resp: 2196

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

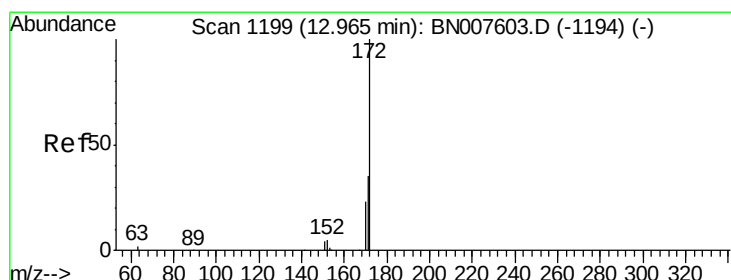
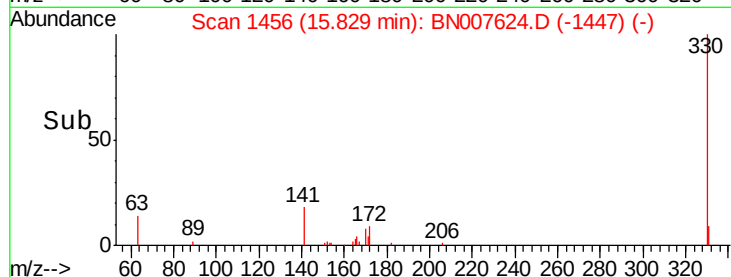
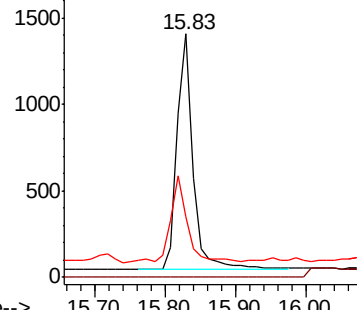
141 35.4 30.1 45.1



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: 0.378 ng

RT: 12.96 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

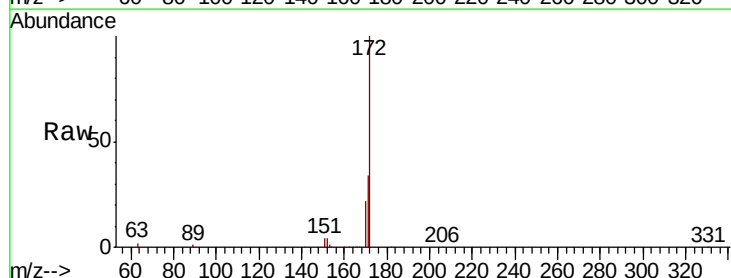
Tgt Ion:172 Resp: 32556

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

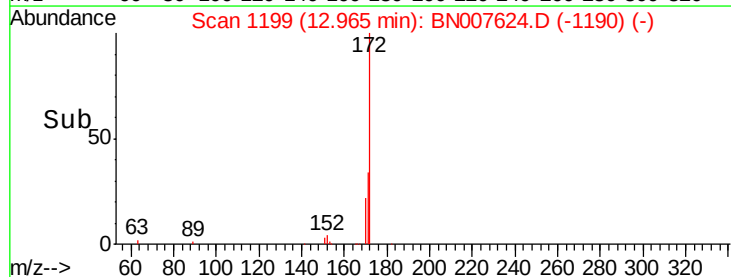
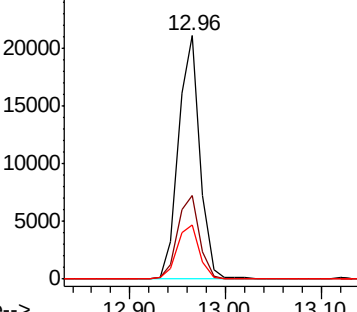
170 22.2 18.5 27.7

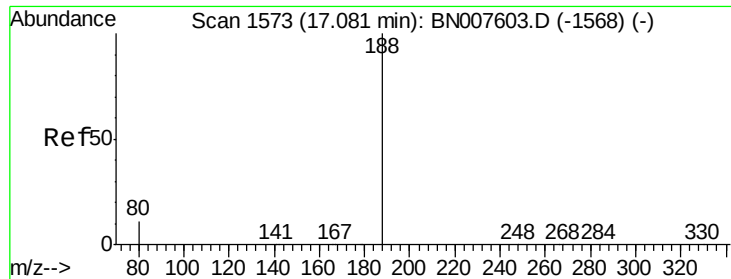


Abundance Ion 172.00 (171.70 to 172.70): E

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: BN007624.D

Acq: 13 Sep 2019 13:27

Instrument :

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ClientSampleId :

RE122D1-20190909

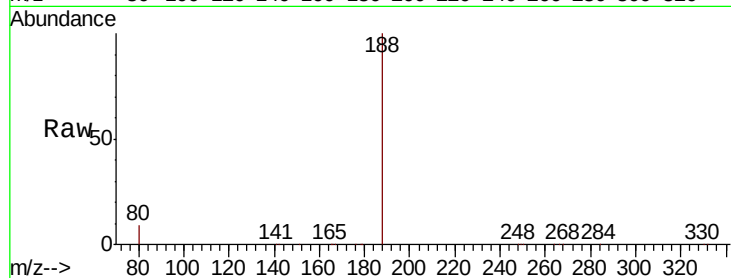
Tot Ion:188 Resp: 45392

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

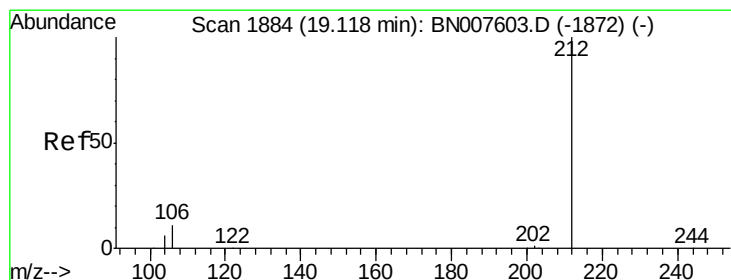
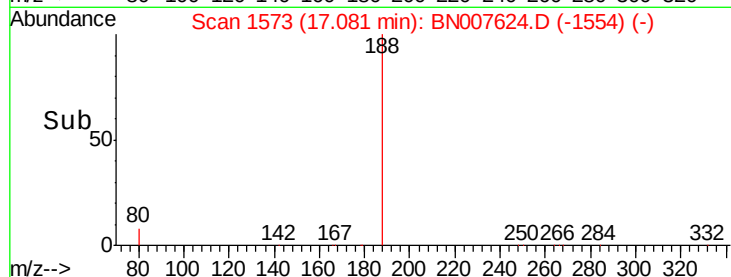
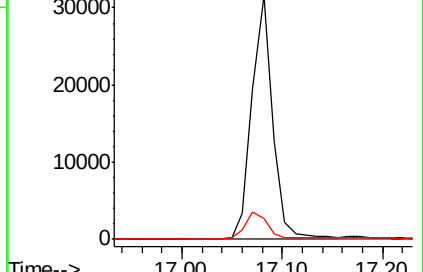
80 8.8 8.8 13.2#



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: 0.333 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007624.D

Acq: 13 Sep 2019 13:27

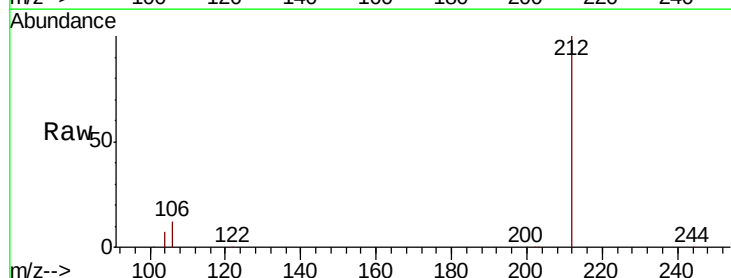
Tgt Ion:212 Resp: 47662

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

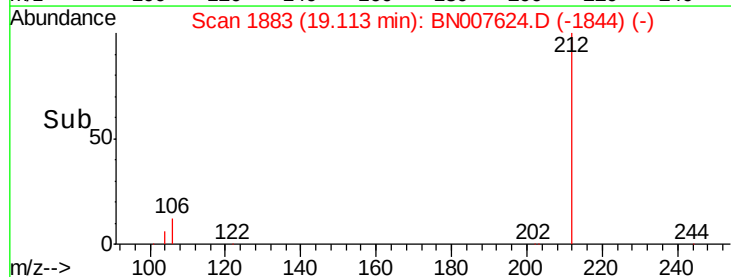
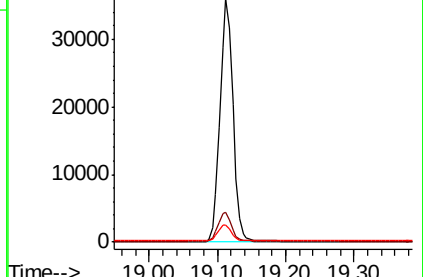
104 7.0 5.4 8.0

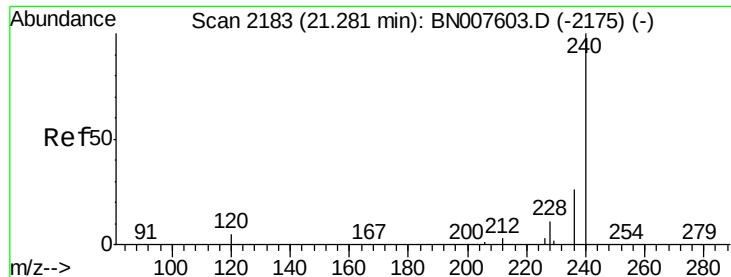


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

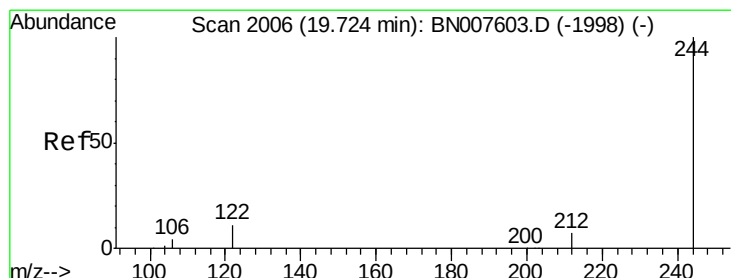
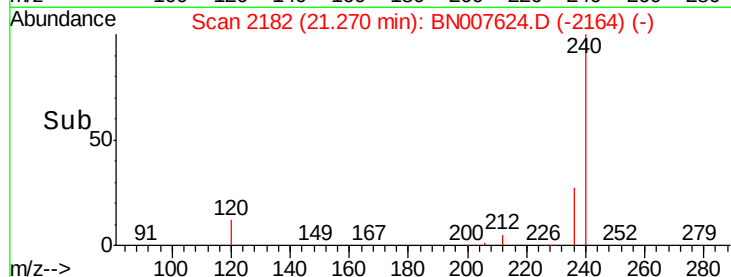
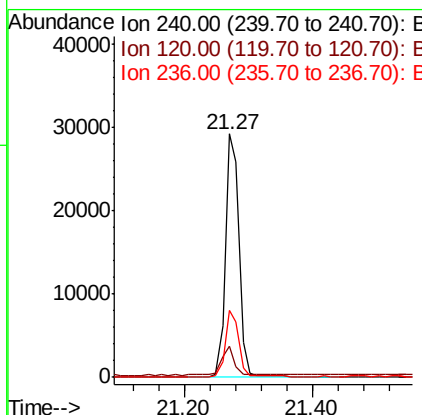
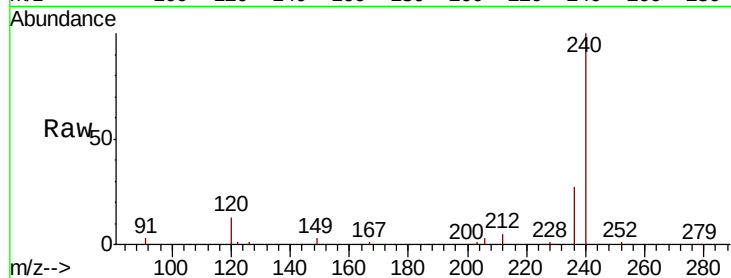




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN007624.D
 Acq: 13 Sep 2019 13:27

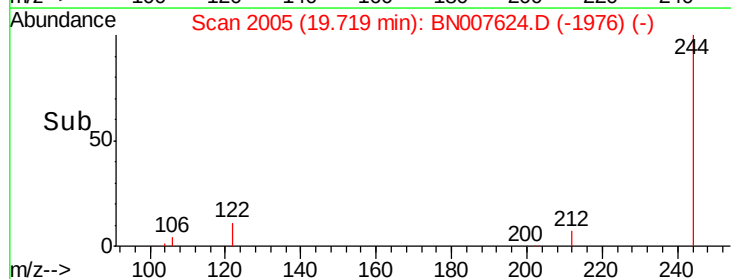
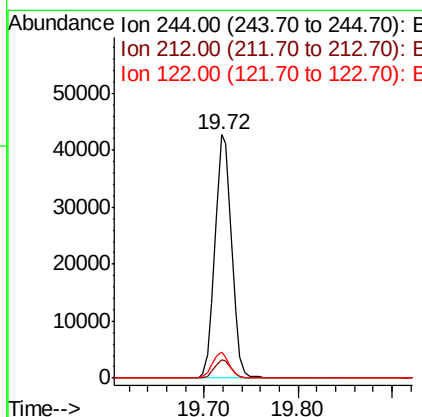
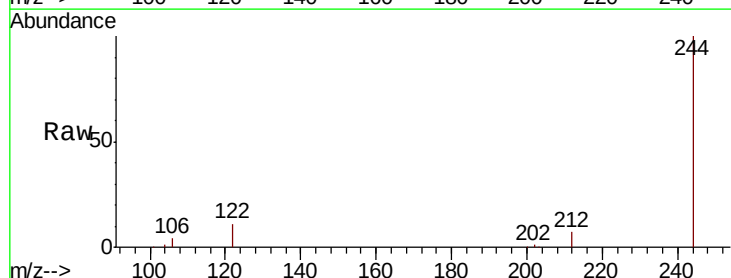
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20190909

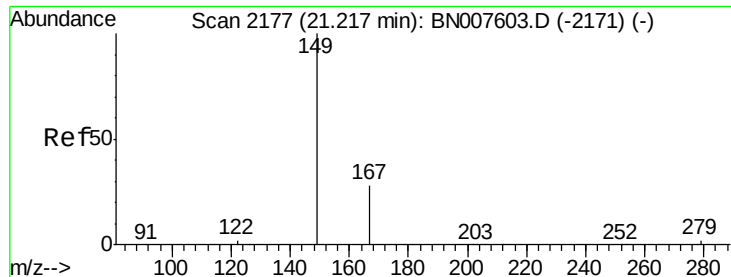
Tot Ion:240 Resp: 42537
 Ion Ratio Lower Upper
 240 100
 120 12.8 4.3 6.5#
 236 27.3 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.464 ng
 RT: 19.72 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BN007624.D
 Acq: 13 Sep 2019 13:27

Tgt Ion:244 Resp: 52029
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.9 8.6 12.8

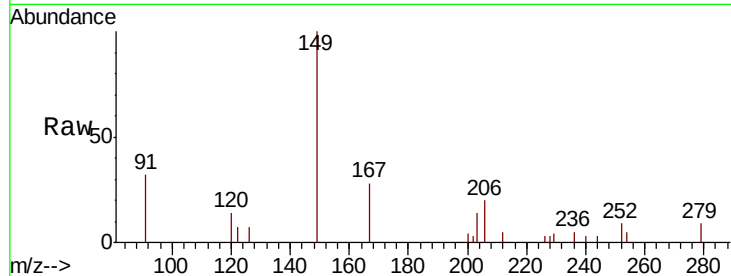




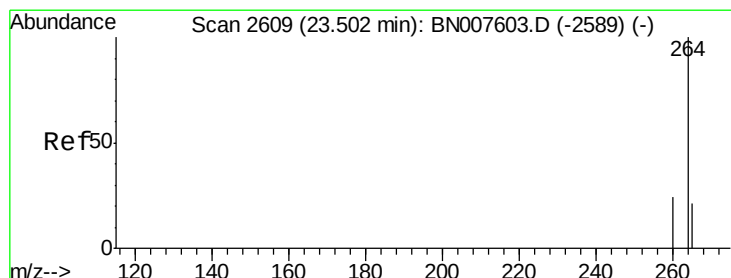
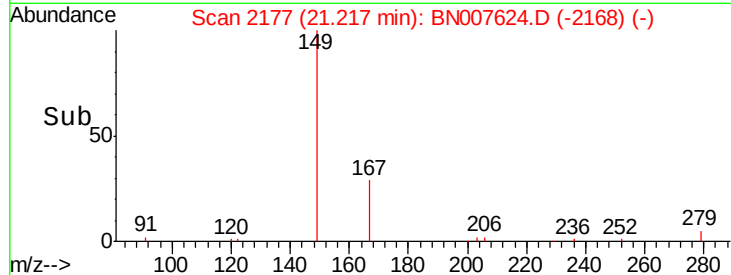
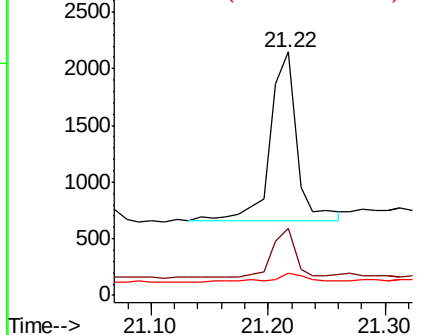
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.22 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BN007624.D
 Acq: 13 Sep 2019 13:27

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20190909

Tot Ion:149 Resp: 2312
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.6 34.0
 279 6.4 3.8 5.6#

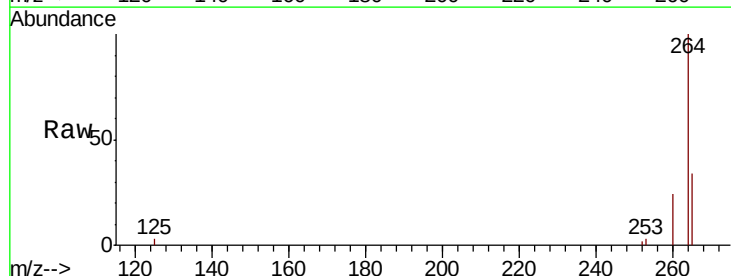


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BN007624.D
 Acq: 13 Sep 2019 13:27

Tgt Ion:264 Resp: 44400
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 33.6 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

