

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007720.D
 Acq On : 18 Sep 2019 23:52
 Operator : HP/JU
 Sample : K4896-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 07:26:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

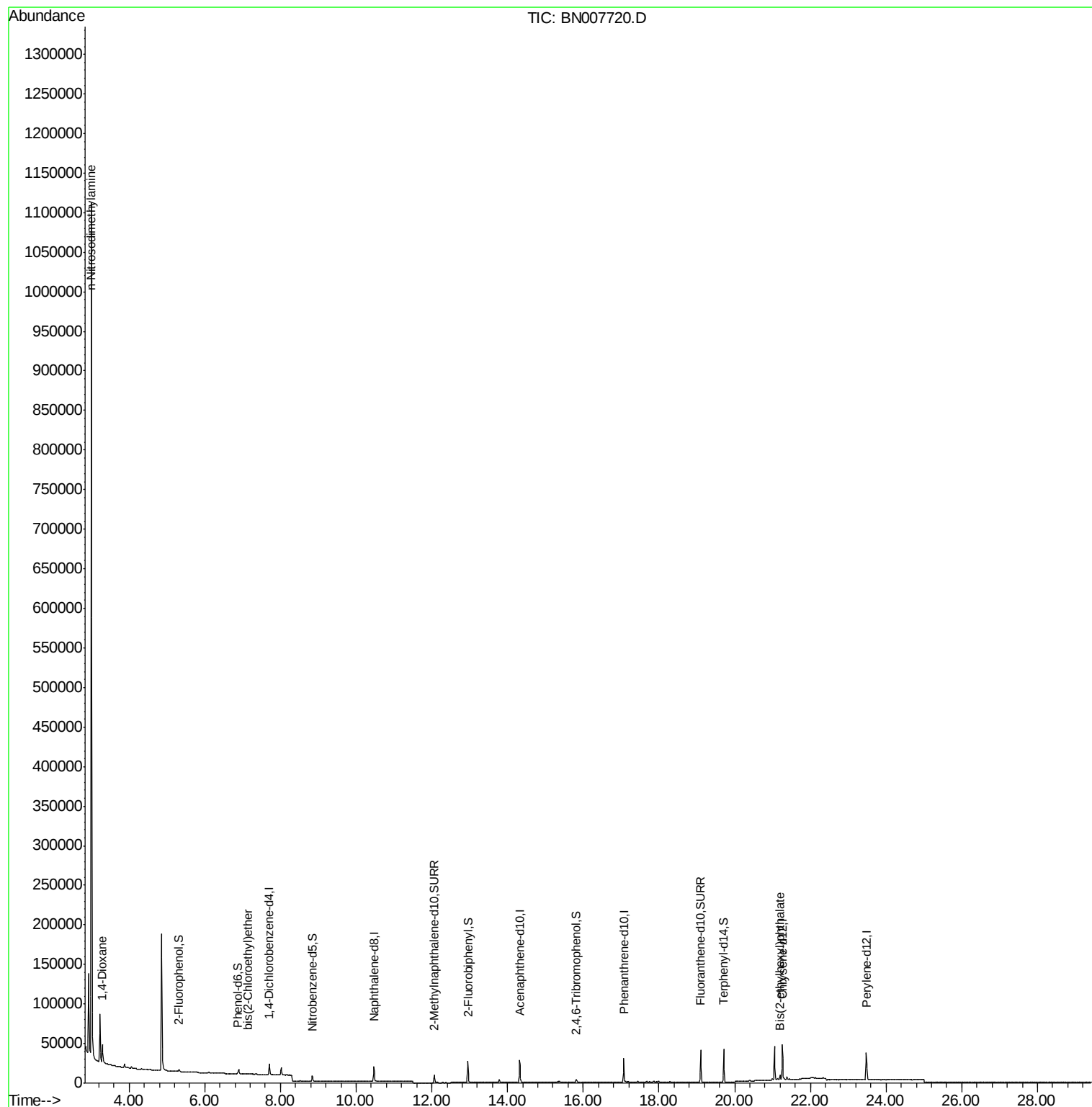
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6359	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25329	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	16067	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	37477	0.40	ng	0.00
27) Chrysene-d12	21.26	240	40528	0.40	ng	0.00
34) Perylene-d12	23.48	264	44175	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2217	0.10	ng	0.00
5) Phenol-d6	6.87	99	1822	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	6848	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	13672	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	2428	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	24136	0.36	ng	0.00
25) Fluoranthene-d10	19.10	212	46030	0.36	ng	0.00
29) Terphenyl-d14	19.71	244	41973	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	19244	2.715	ng	# 91
3) n-Nitrosodimethylamine	3.01	42	81786	25.193	ng	# 70
6) bis(2-Chloroethyl)ether	7.15	93	382	0.021	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.20	149	4896	0.064	ng	98

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

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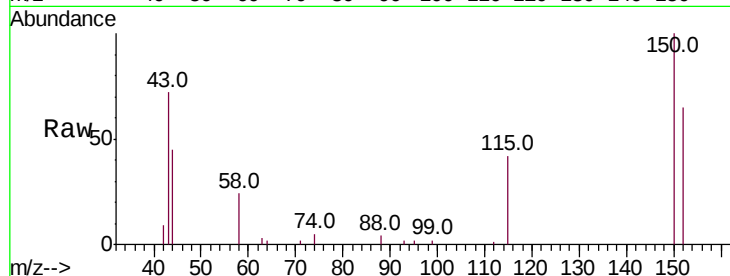


#1

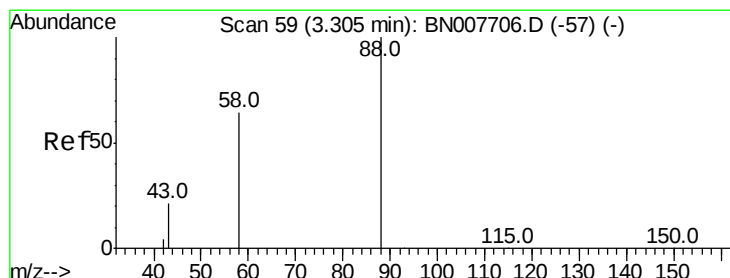
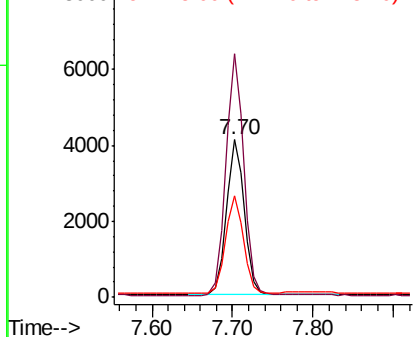
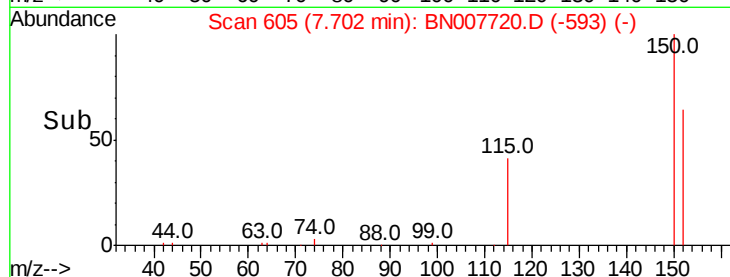
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007720.D
Acq: 18 Sep 2019 23:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6359
Ion Ratio Lower Upper
152 100
150 154.5 125.6 188.4
115 64.6 53.3 79.9



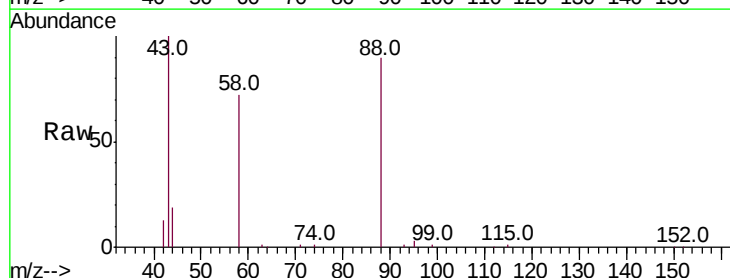
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



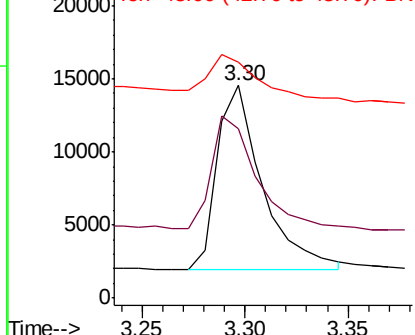
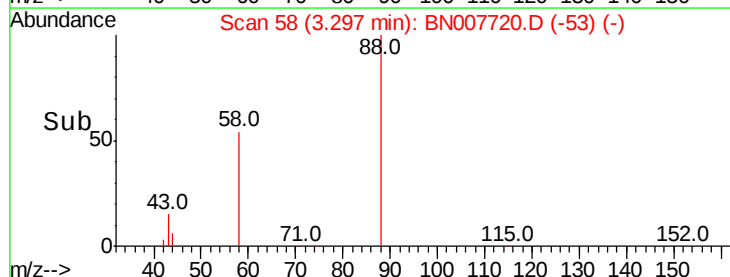
#2

1,4-Dioxane
Concen: 2.715 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007720.D
Acq: 18 Sep 2019 23:52

Tgt Ion: 88 Resp: 19244
Ion Ratio Lower Upper
88 100
58 61.0 44.6 66.8
43 23.9 14.4 21.6#



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: 25.193 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

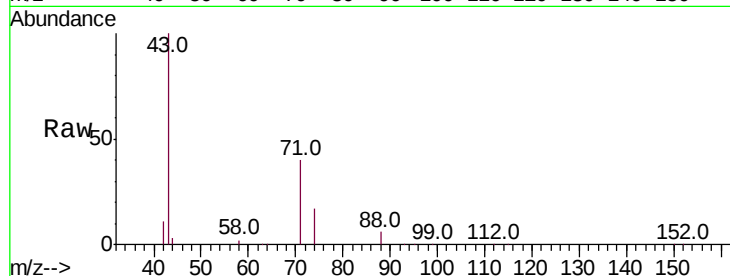
Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

Instrument :
BNA_N
ClientSampled :

Tot Ion: 42 Resp: 81786

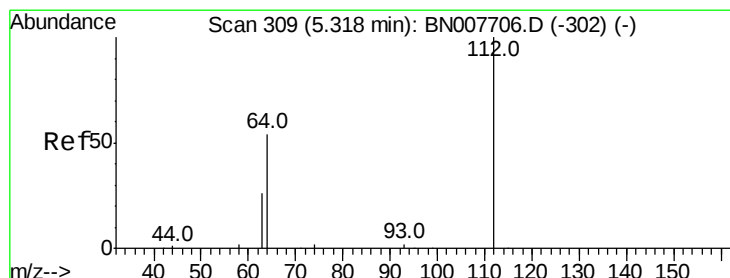
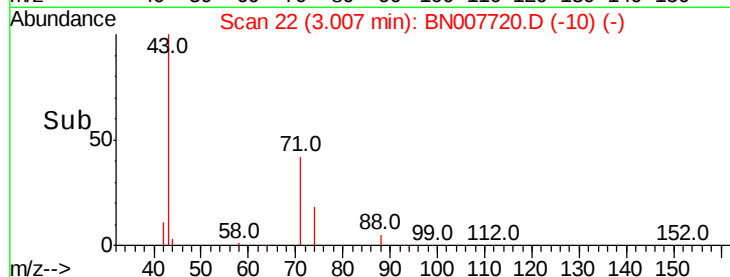
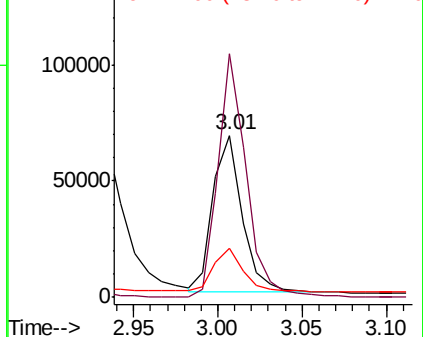
Ion	Ratio	Lower	Upper
42	100		
74	146.9	87.9	131.9#
44	26.9	29.4	44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007720.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007720.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007720.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.101 ng

RT: 5.32 min Scan# 309

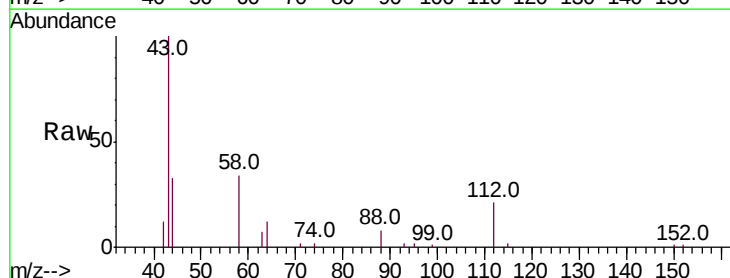
Delta R.T. 0.00 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

Tgt Ion: 112 Resp: 2217

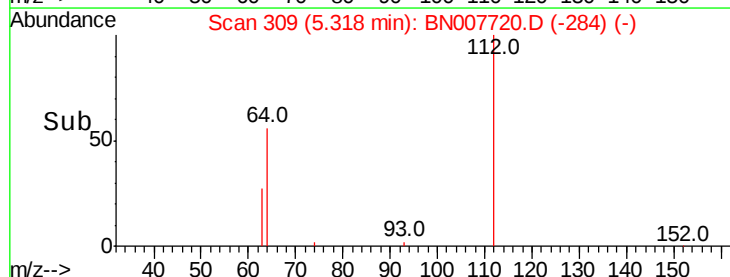
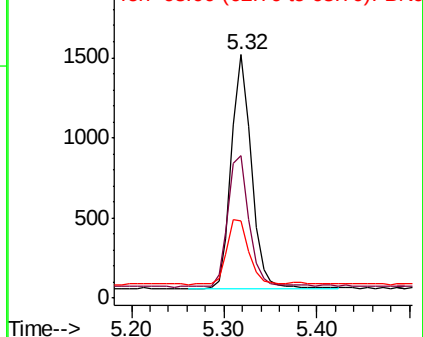
Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.6	70.0
63	31.0	23.1	34.7

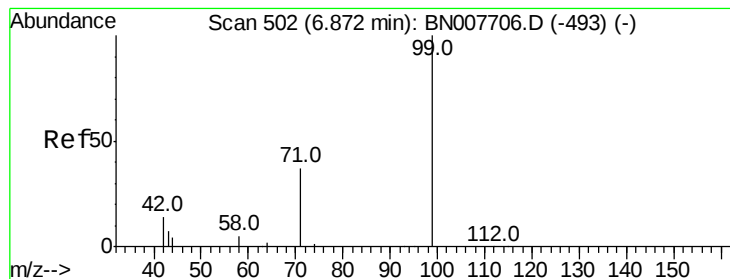


Abundance Ion 112.00 (111.70 to 112.70): BN007720.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007720.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007720.D (-302) (-)





#5

Phenol-d6

Concen: 0.061 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

Instrument :

BNA_N

ClientSampled :

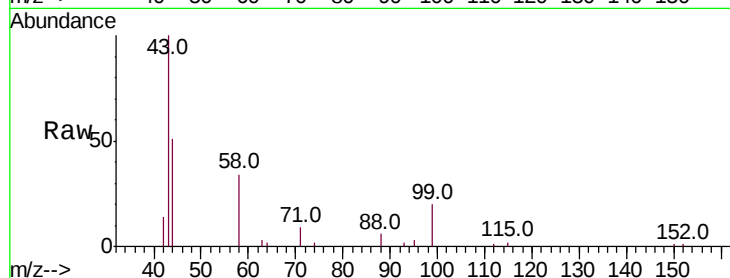
Tot Ion: 99 Resp: 1822

Ion Ratio Lower Upper

99 100

42 0.0 12.8 19.2#

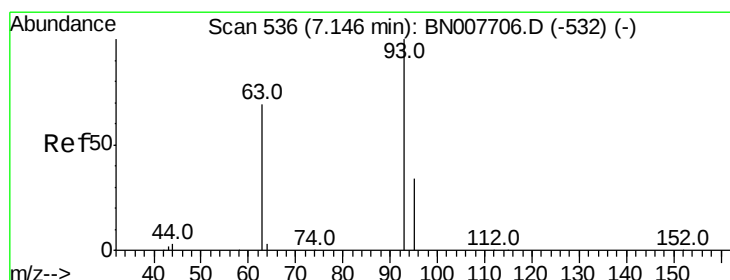
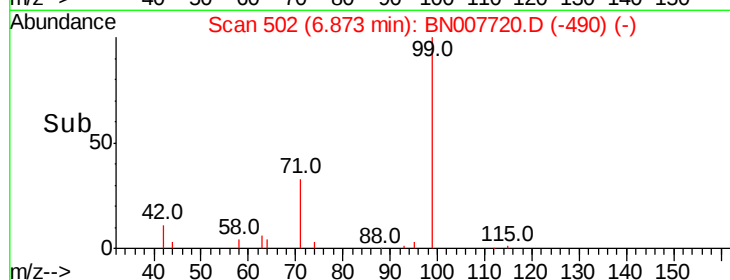
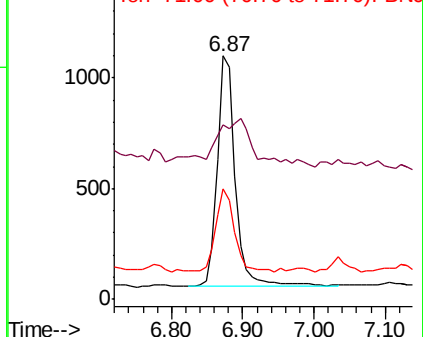
71 36.7 27.6 41.4



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

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.15 min Scan# 537

Delta R.T. 0.01 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

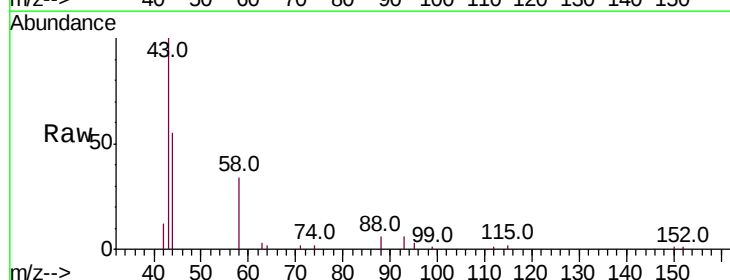
Tgt Ion: 93 Resp: 382

Ion Ratio Lower Upper

93 100

63 50.5 59.3 88.9#

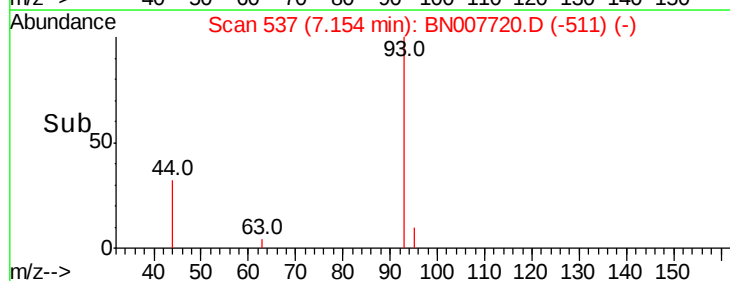
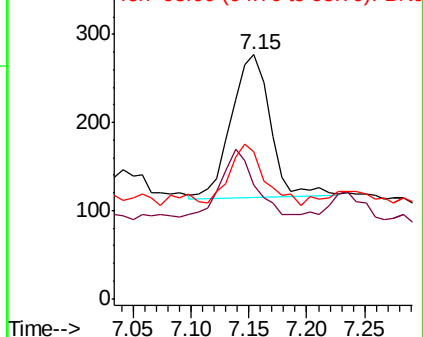
95 37.7 31.4 47.0

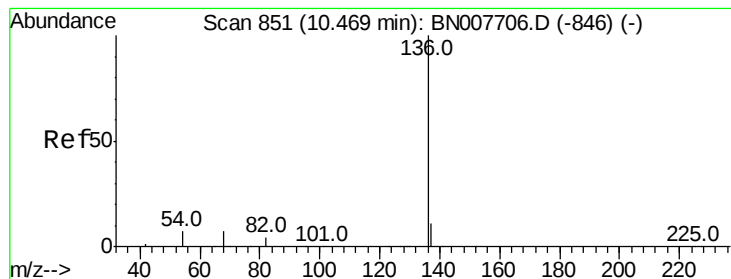


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 25329

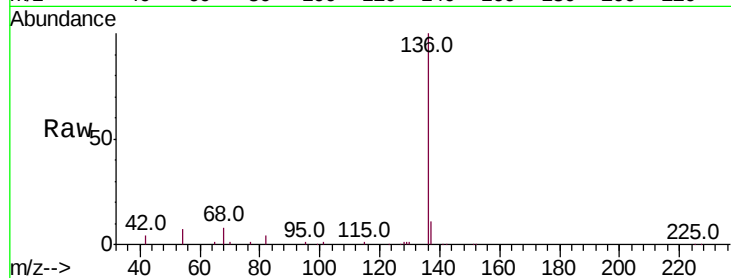
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.9 5.8 8.8

68 7.7 6.5 9.7

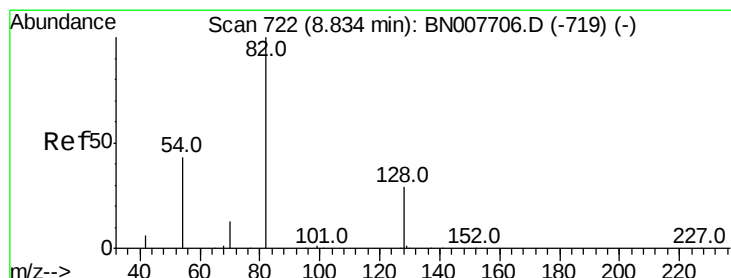
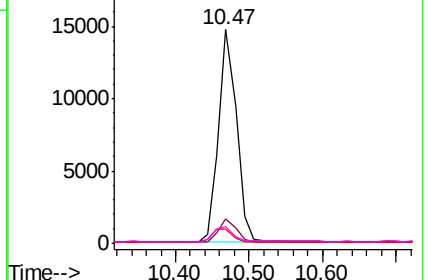
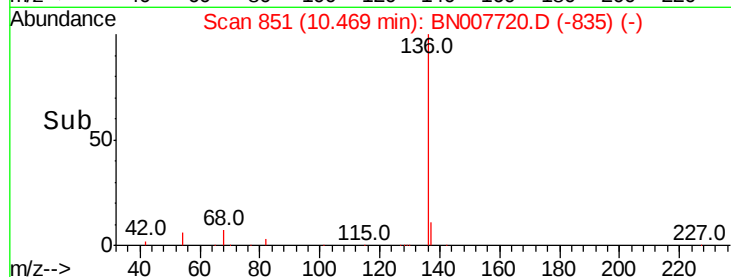


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.309 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

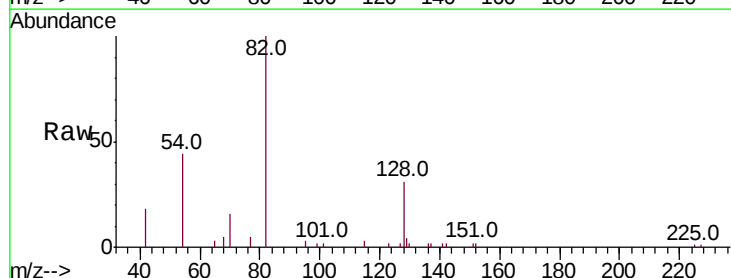
Tgt Ion: 82 Resp: 6848

Ion Ratio Lower Upper

82 100

128 31.1 24.5 36.7

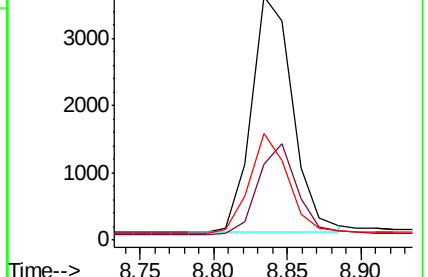
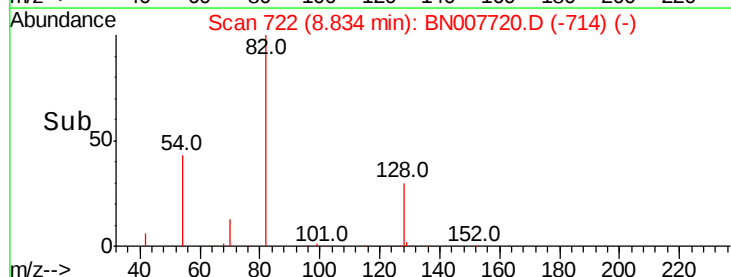
54 43.9 35.2 52.8

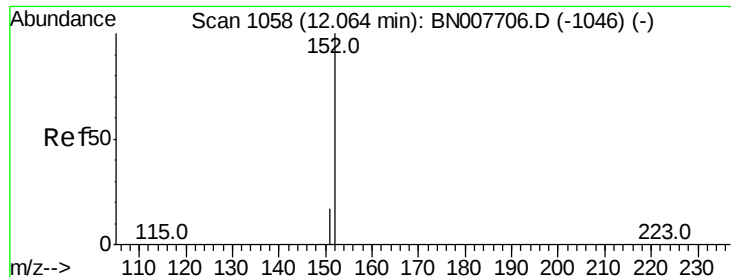


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

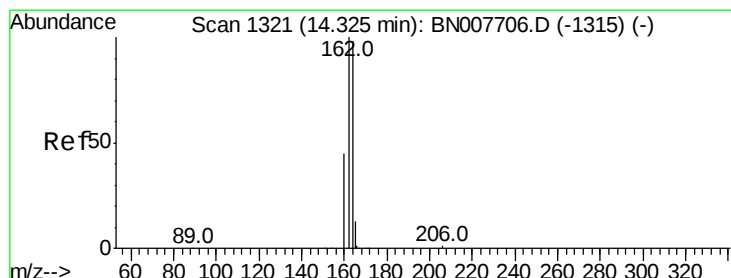
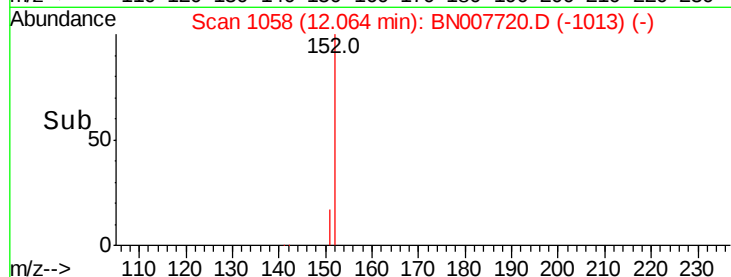
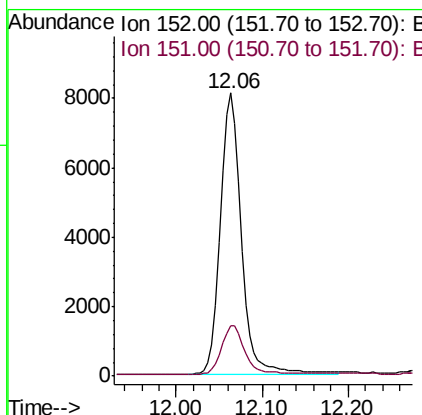
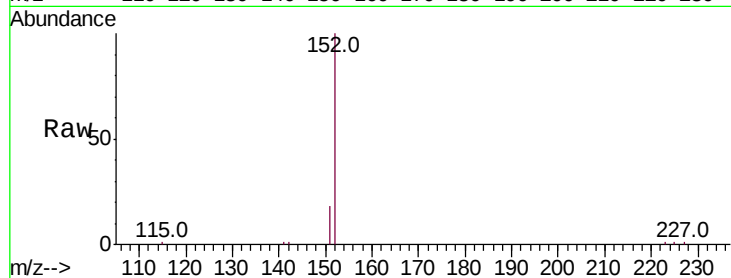




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007720.D
Acq: 18 Sep 2019 23:52

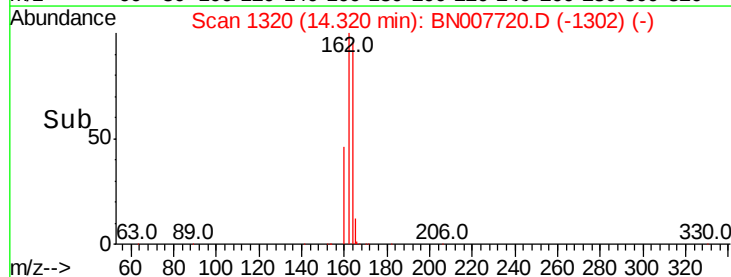
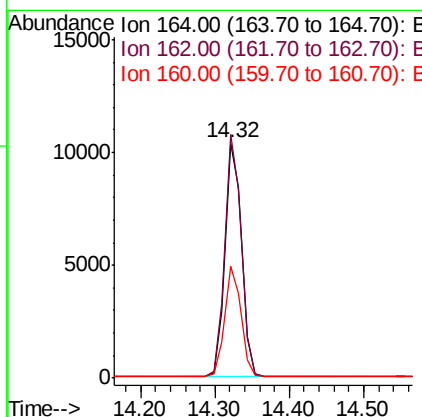
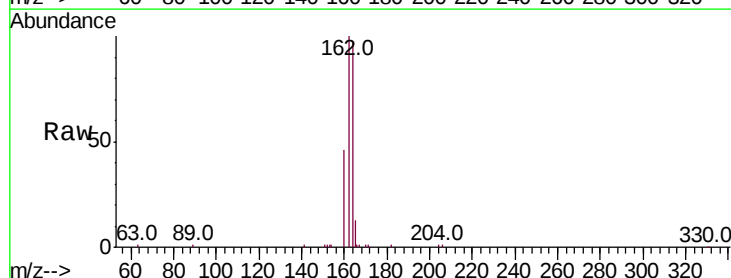
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 13672
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007720.D
Acq: 18 Sep 2019 23:52

Tgt Ion:164 Resp: 16067
Ion Ratio Lower Upper
164 100
162 103.6 81.7 122.5
160 47.8 37.0 55.4

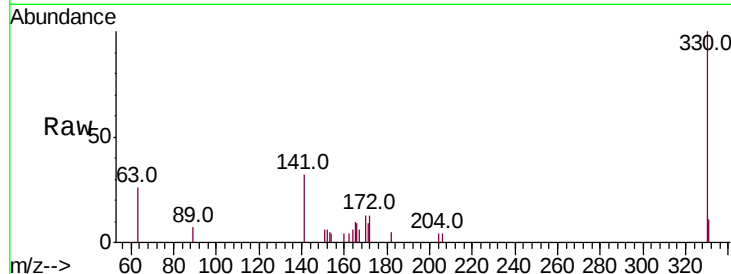




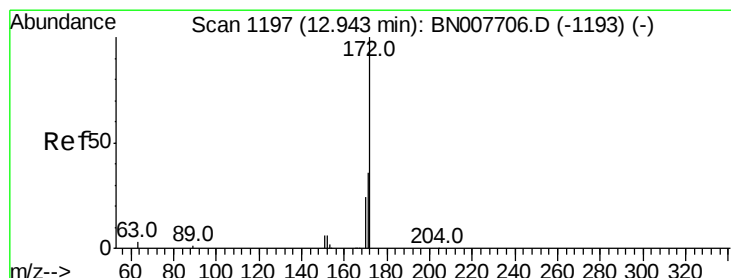
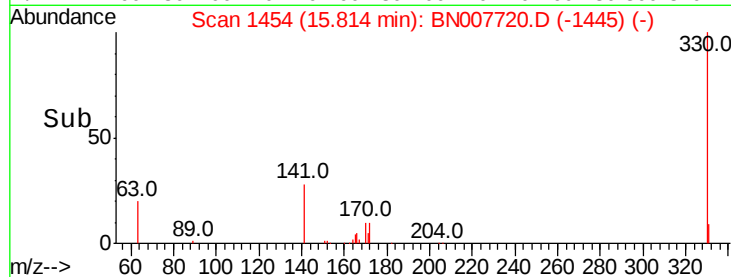
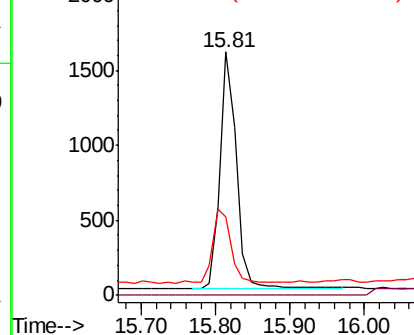
#14
 2,4,6-Tribromophenol
 Concen: 0.277 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BN007720.D
 Acq: 18 Sep 2019 23:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 2428
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.2 28.7 43.1

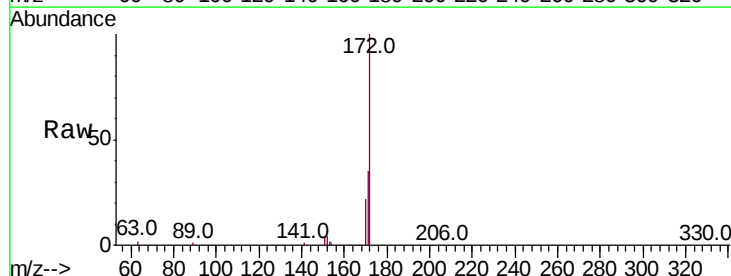


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

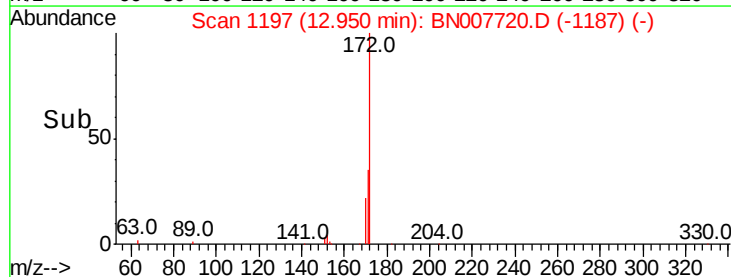
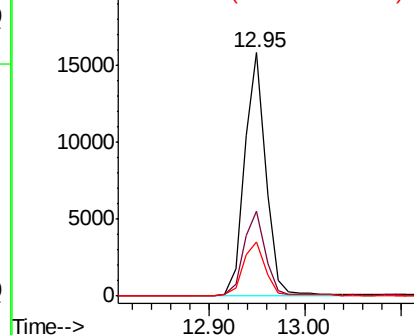


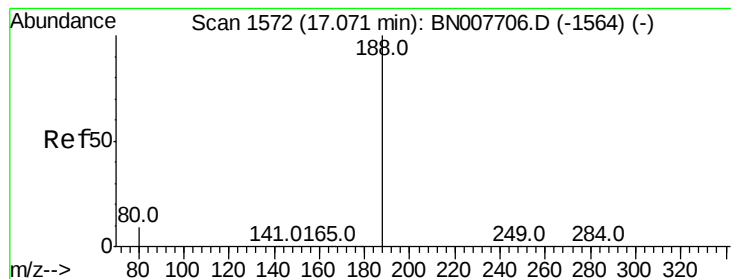
#15
 2-Fluorobiphenyl
 Concen: 0.365 ng
 RT: 12.95 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BN007720.D
 Acq: 18 Sep 2019 23:52

Tgt Ion:172 Resp: 24136
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.8 43.2
 170 22.4 19.5 29.3



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: 17.07 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

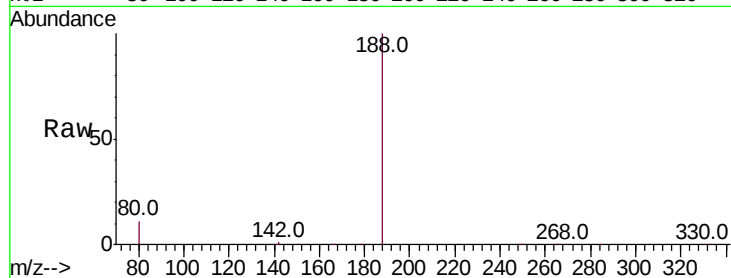
Tot Ion:188 Resp: 37477

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

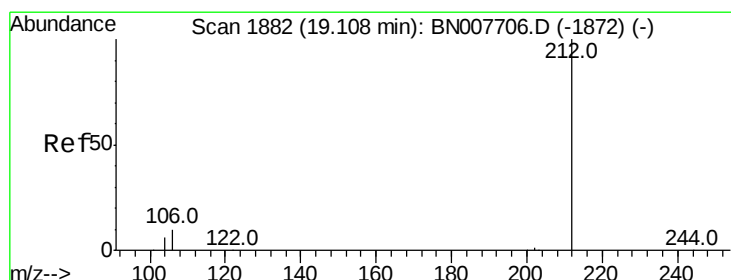
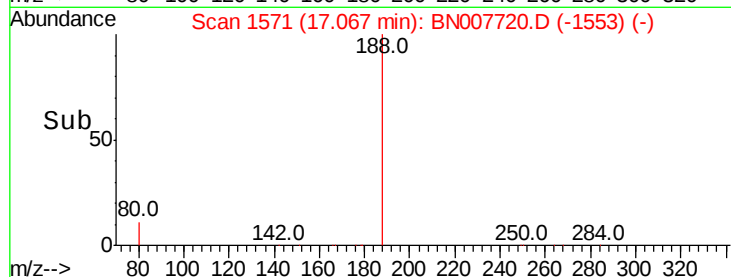
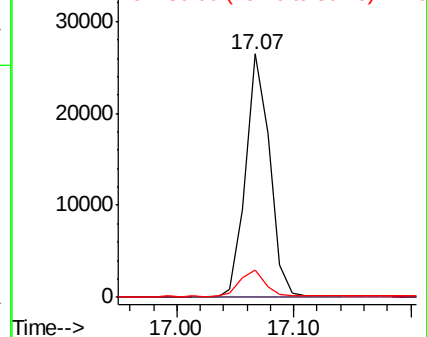
80 11.4 7.4 11.2#



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: 0.364 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

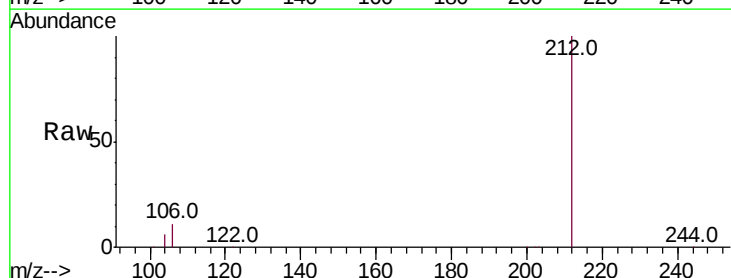
Tgt Ion:212 Resp: 46030

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

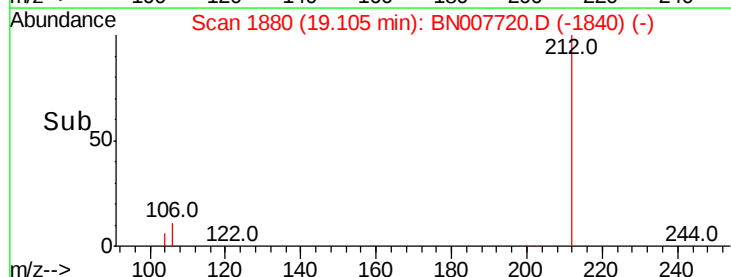
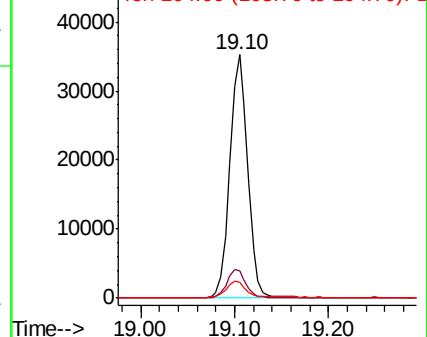
104 6.6 5.3 7.9

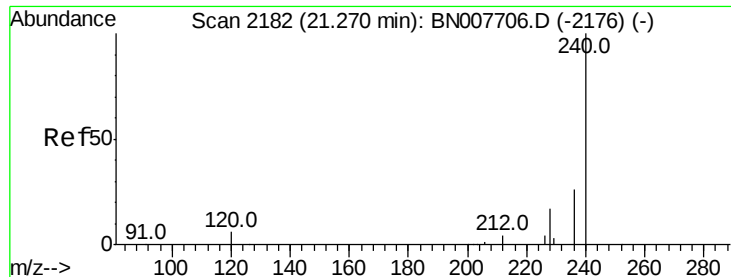


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

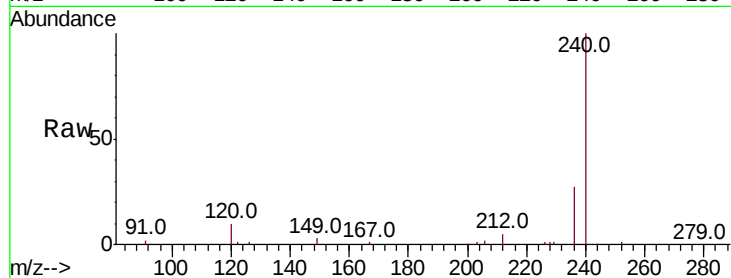
Tot Ion:240 Resp: 40528

Ion Ratio Lower Upper

240 100

120 9.7 5.4 8.2#

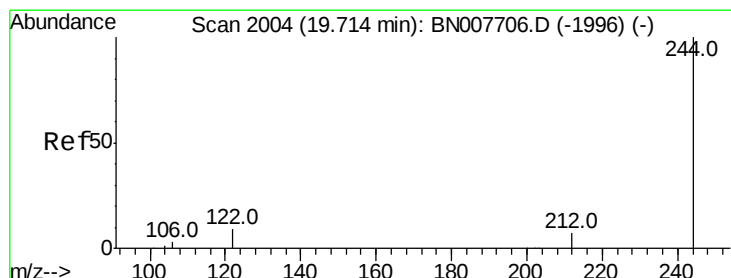
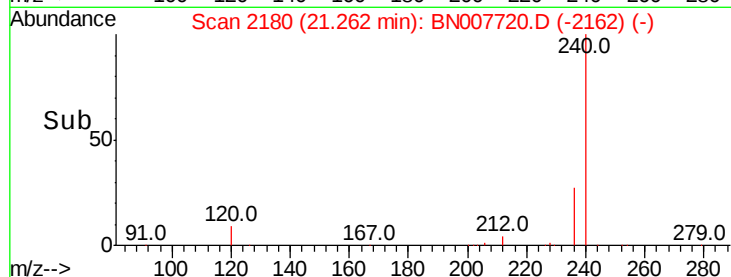
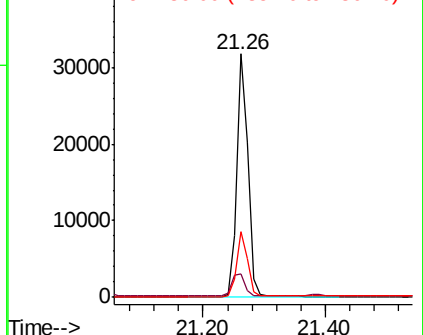
236 27.1 21.0 31.4



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: 0.422 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

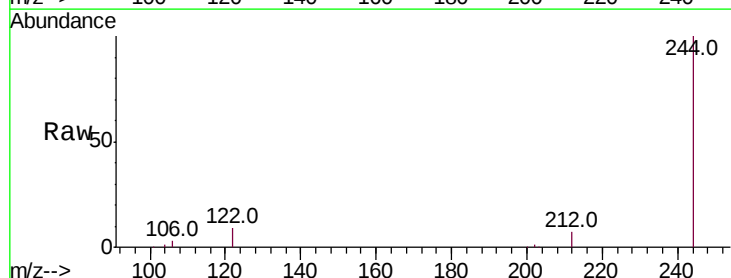
Tgt Ion:244 Resp: 41973

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

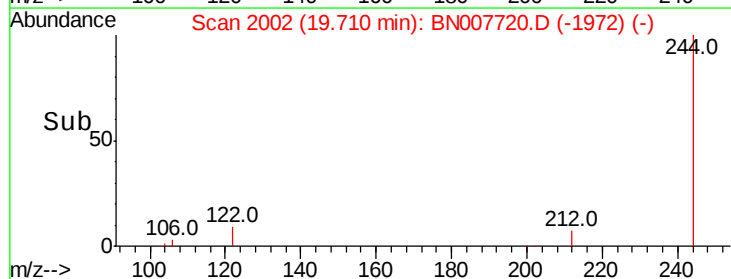
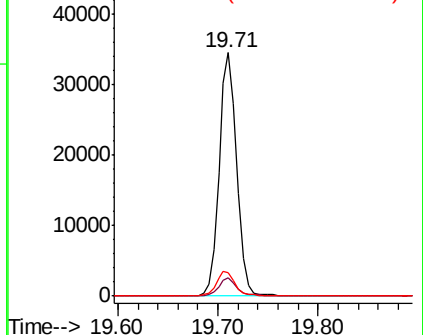
122 9.5 7.4 11.2

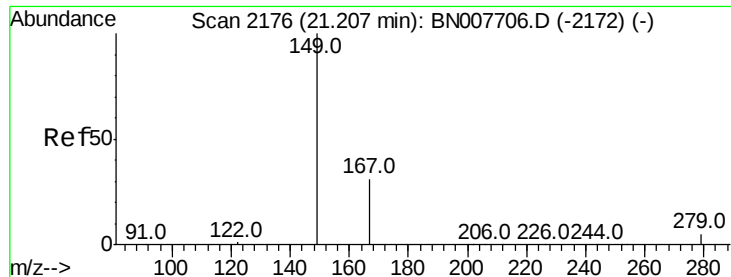


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

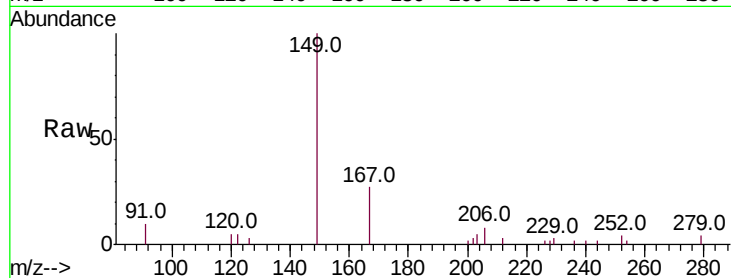
Tot Ion:149 Resp: 4896

Ion Ratio Lower Upper

149 100

167 28.1 23.7 35.5

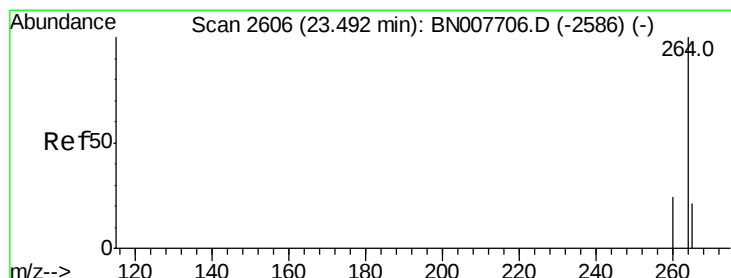
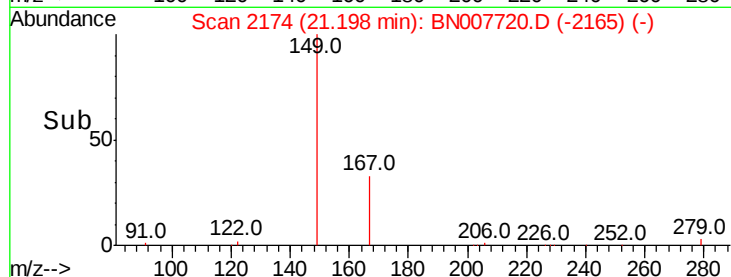
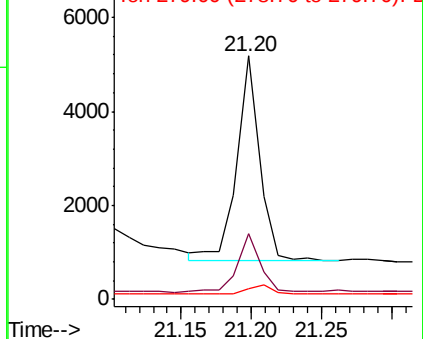
279 5.2 4.2 6.2



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# 2601

Delta R.T. -0.01 min

Lab File: BN007720.D

Acq: 18 Sep 2019 23:52

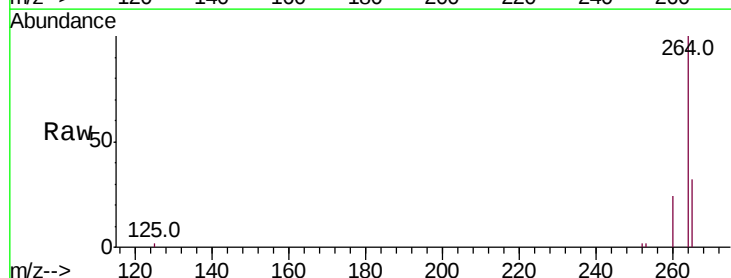
Tgt Ion:264 Resp: 44175

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 31.8 26.9 40.3



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

