

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007747.D
 Acq On : 19 Sep 2019 18:47
 Operator : HP/JU
 Sample : K4975-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 01:49:35 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

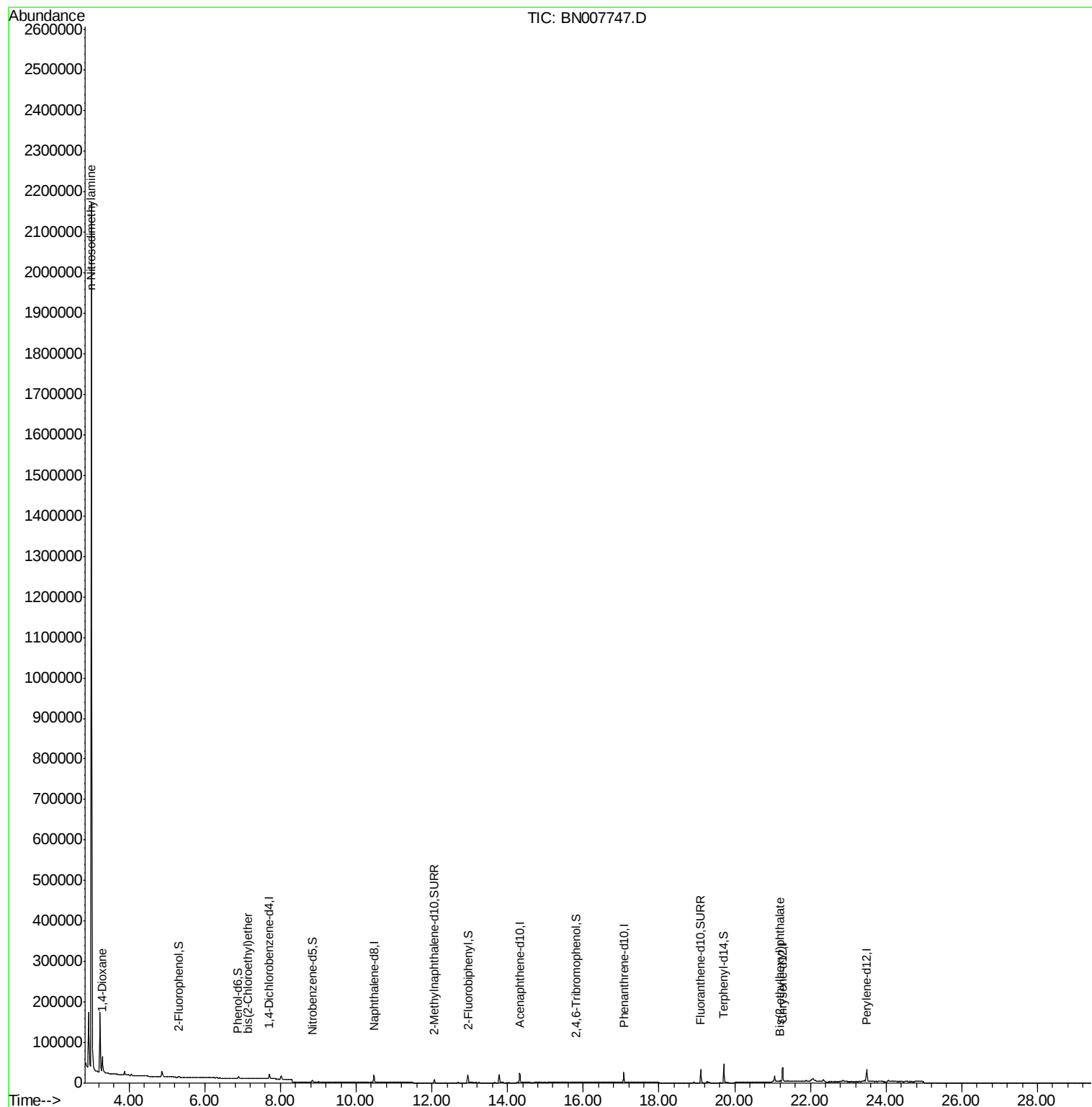
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6234	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23734	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14309	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	32550	0.40	ng	0.00
27) Chrysene-d12	21.27	240	37050	0.40	ng	0.00
34) Perylene-d12	23.49	264	40231	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1579	0.07	ng	0.00
5) Phenol-d6	6.87	99	1204	0.04	ng	0.00
8) Nitrobenzene-d5	8.83	82	5613	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	12236	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1163	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	19826	0.34	ng	0.00
25) Fluoranthene-d10	19.10	212	37500	0.34	ng	0.00
29) Terphenyl-d14	19.71	244	46067	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	30747	4.425	ng	# 92
3) n-Nitrosodimethylamine	3.01	42	163381	51.337	ng	# 67
6) bis(2-Chloroethyl)ether	7.14	93	971	0.055	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	3615	0.052	ng	99

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

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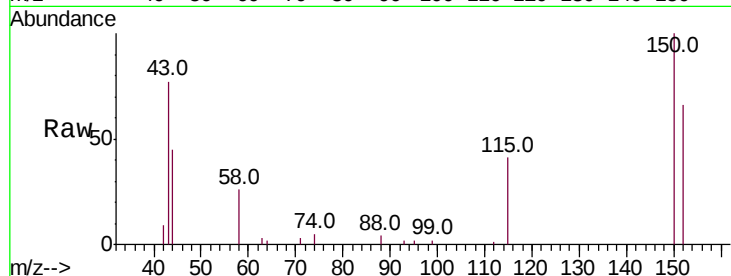


#1

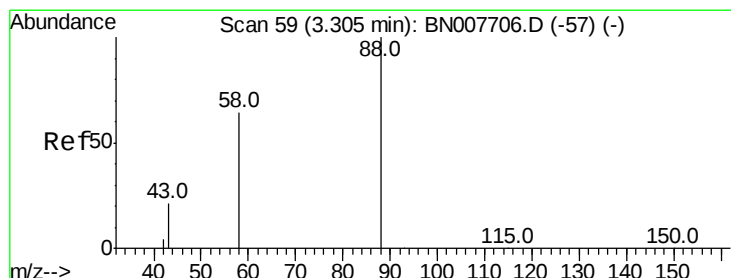
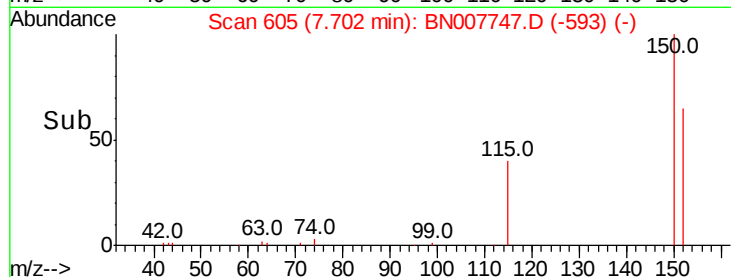
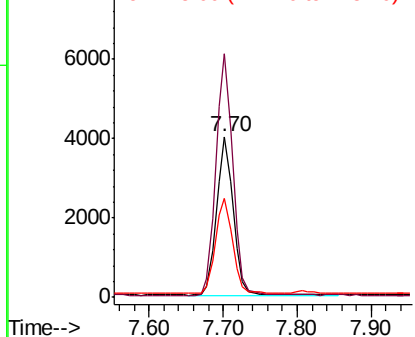
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6234
Ion Ratio Lower Upper
152 100
150 151.8 125.6 188.4
115 62.0 53.3 79.9



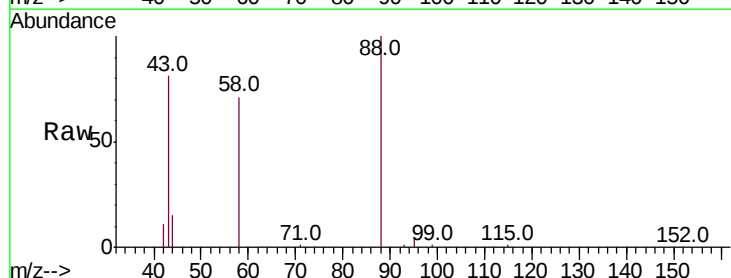
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



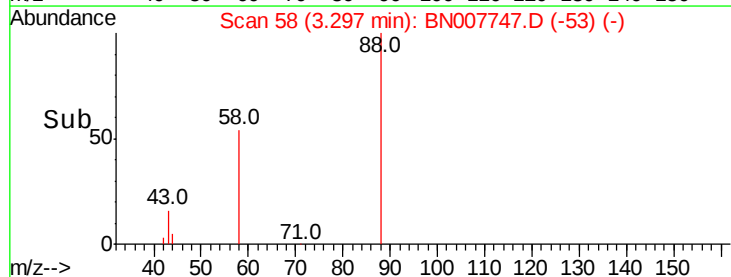
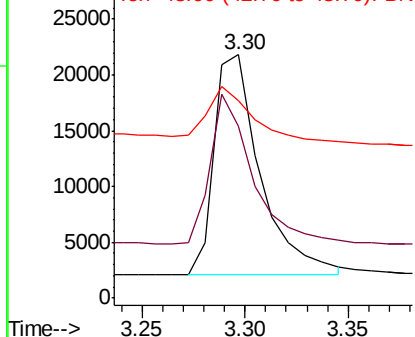
#2

1,4-Dioxane
Concen: 4.425 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion: 88 Resp: 30747
Ion Ratio Lower Upper
88 100
58 60.8 44.6 66.8
43 23.3 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



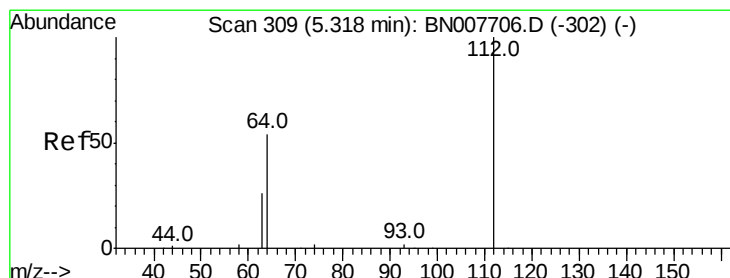
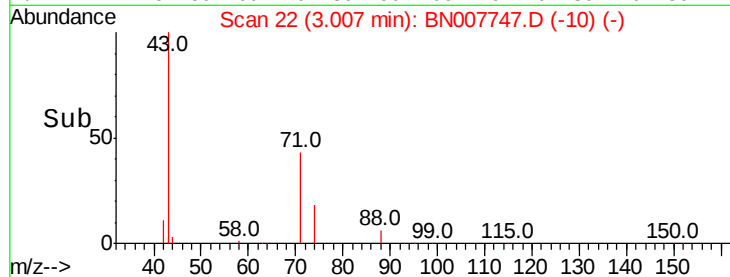
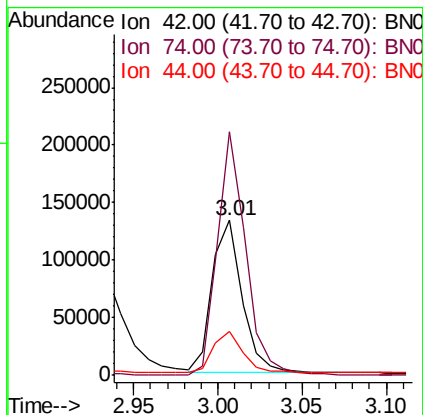
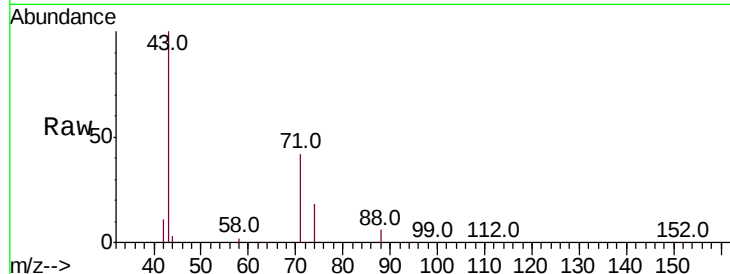


#3

n-Nitrosodimethylamine
 Concen: 51.337 ng
 RT: 3.01 min Scan# 22
 Delta R.T. 0.00 min
 Lab File: BN007747.D
 Acq: 19 Sep 2019 18:47

Instrument :
 BNA_N
 ClientSampled :

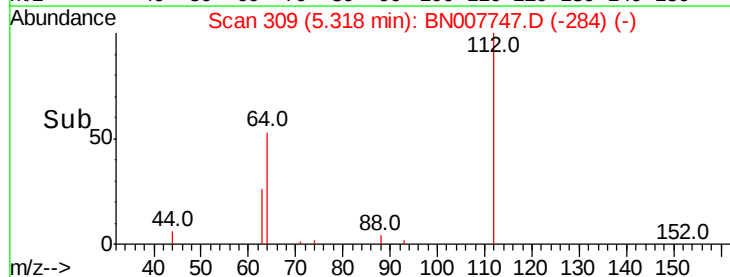
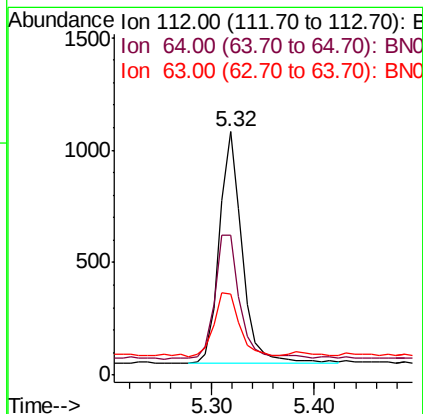
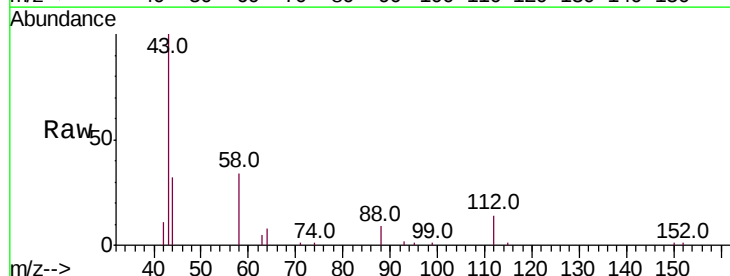
Tot Ion: 42 Resp: 163381
 Ion Ratio Lower Upper
 42 100
 74 150.1 87.9 131.9#
 44 26.8 29.4 44.0#



#4

2-Fluorophenol
 Concen: 0.074 ng
 RT: 5.32 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BN007747.D
 Acq: 19 Sep 2019 18:47

Tgt Ion: 112 Resp: 1579
 Ion Ratio Lower Upper
 112 100
 64 60.2 46.6 70.0
 63 30.2 23.1 34.7





#5

Phenol-d6

Concen: 0.039 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

Instrument :

BNA_N

ClientSampleId :

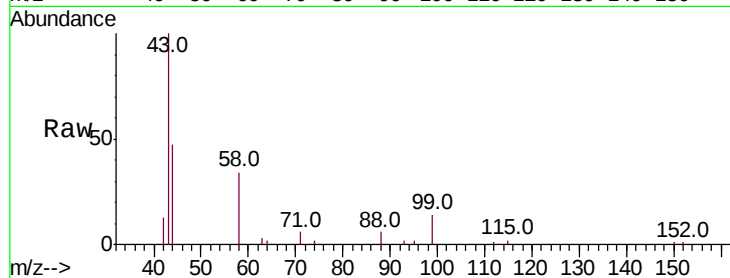
Tot Ion: 99 Resp: 1204

Ion Ratio Lower Upper

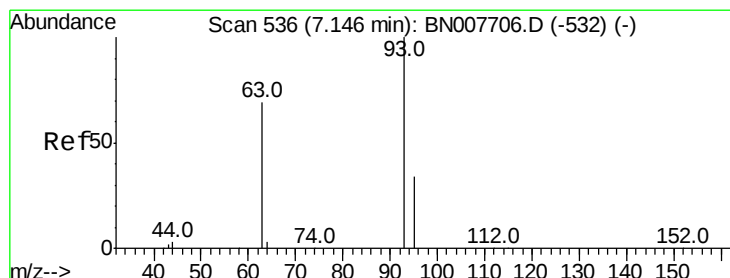
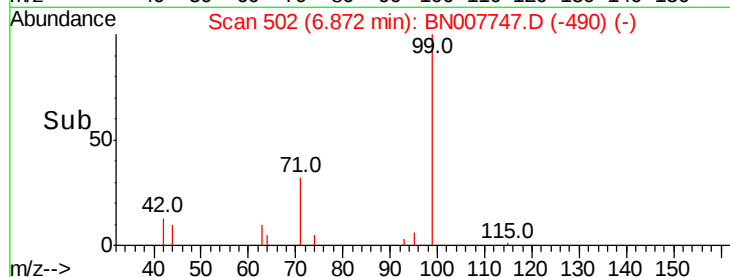
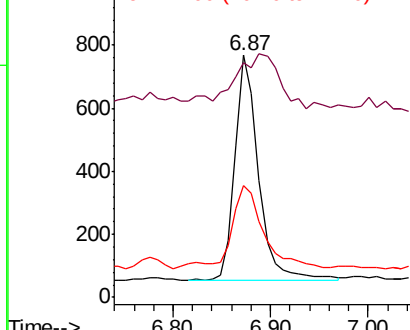
99 100

42 48.2 12.8 19.2#

71 47.8 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: 0.055 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

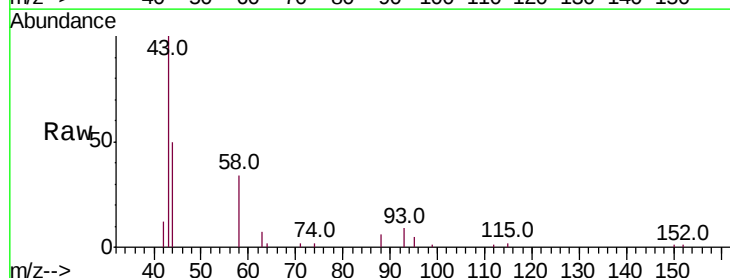
Tgt Ion: 93 Resp: 971

Ion Ratio Lower Upper

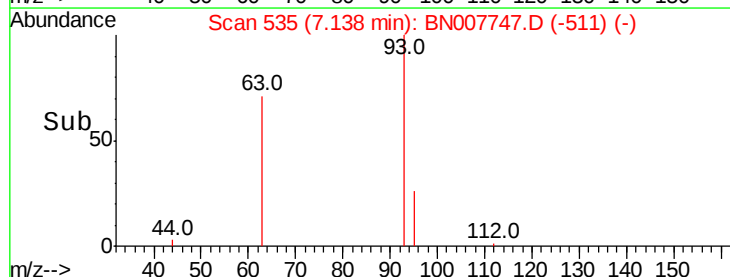
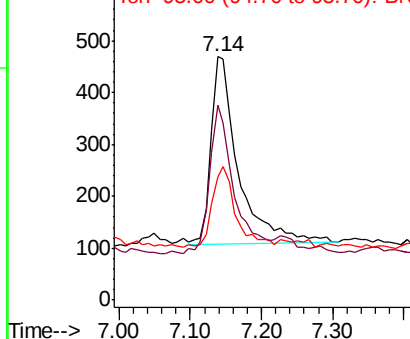
93 100

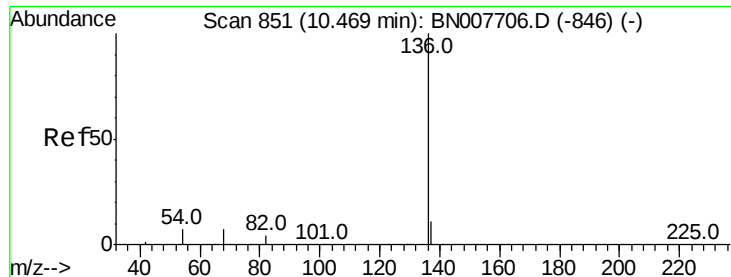
63 70.6 59.3 88.9

95 35.8 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: BN007747.D

Acq: 19 Sep 2019 18:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 23734

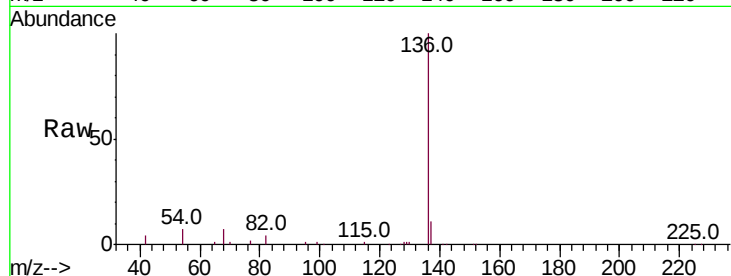
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.6 5.8 8.8

68 7.2 6.5 9.7

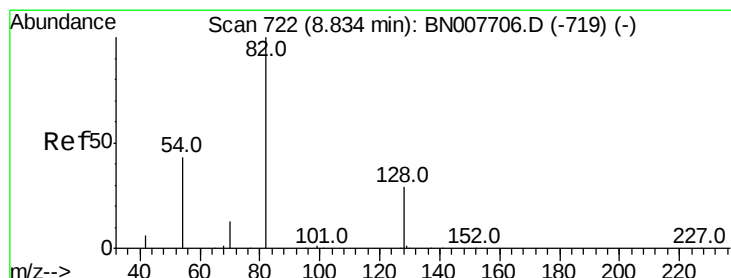
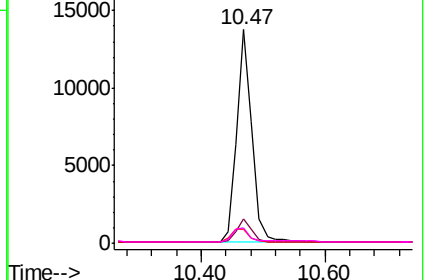
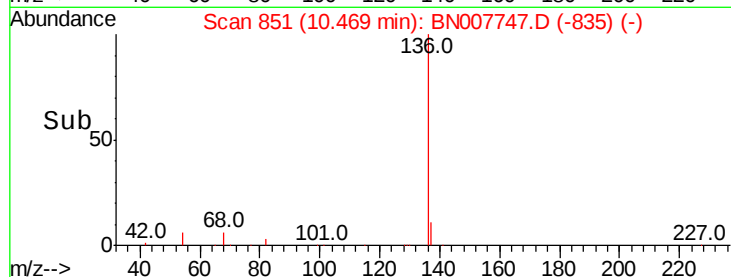


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.270 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

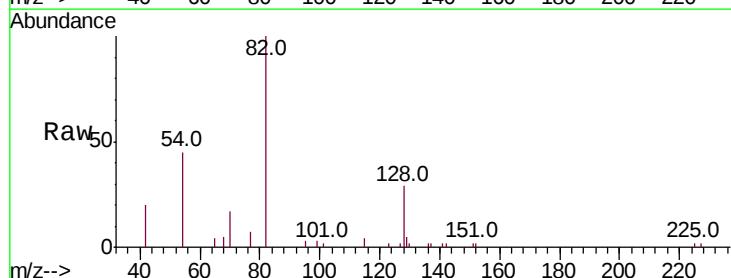
Tgt Ion: 82 Resp: 5613

Ion Ratio Lower Upper

82 100

128 29.4 24.5 36.7

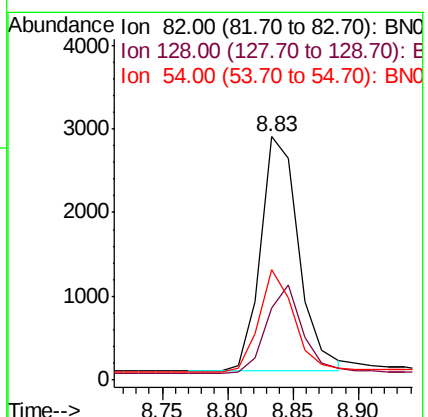
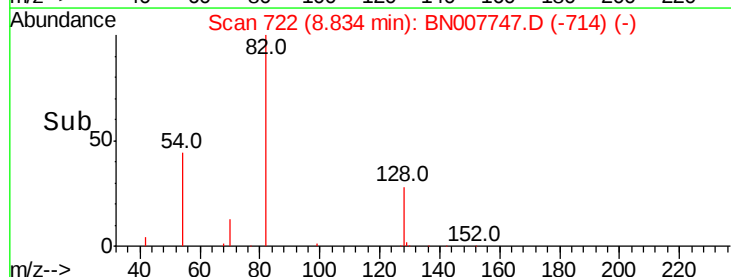
54 45.5 35.2 52.8

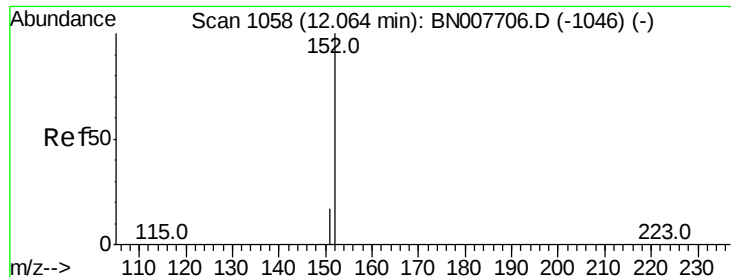


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

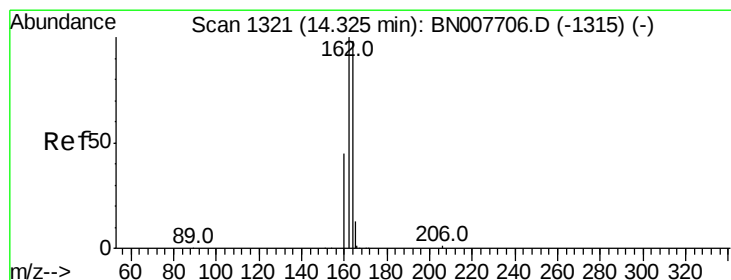
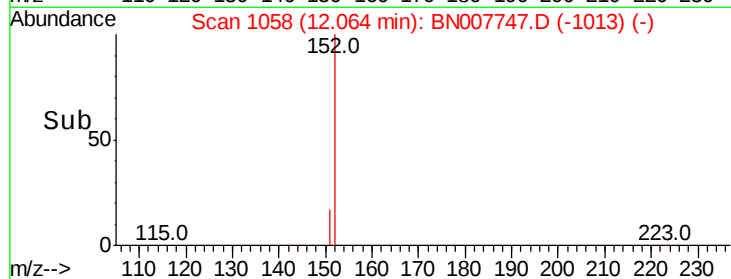
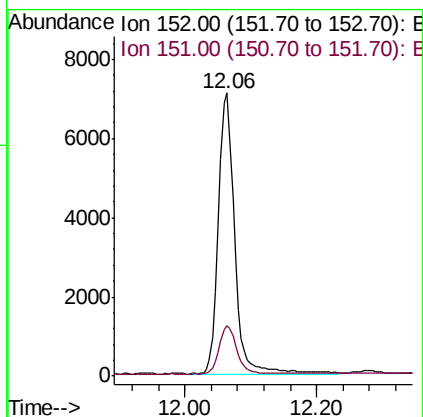
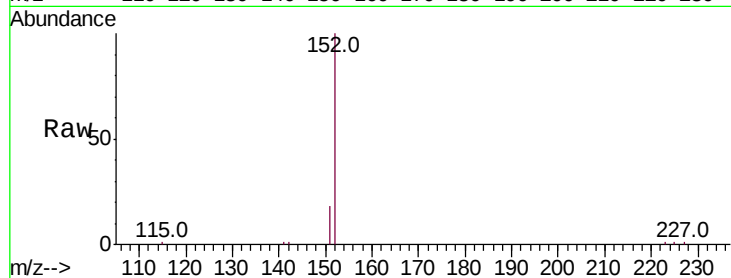




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

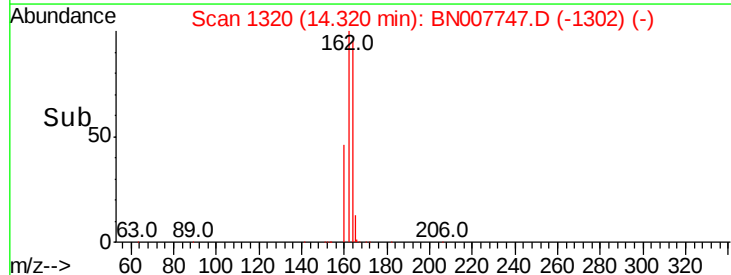
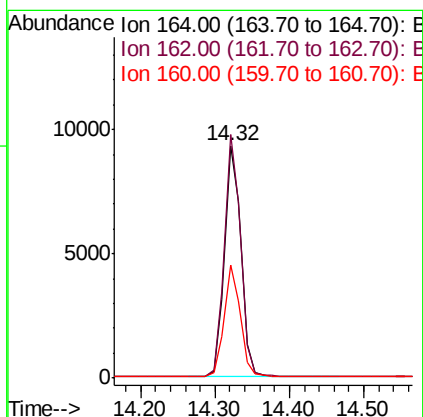
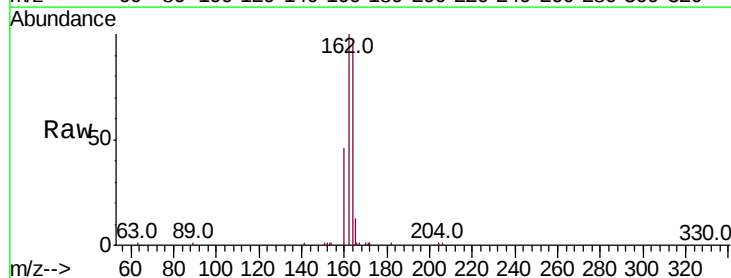
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 12236
Ion Ratio Lower Upper
152 100
151 18.5 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: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion:164 Resp: 14309
Ion Ratio Lower Upper
164 100
162 104.9 81.7 122.5
160 48.6 37.0 55.4

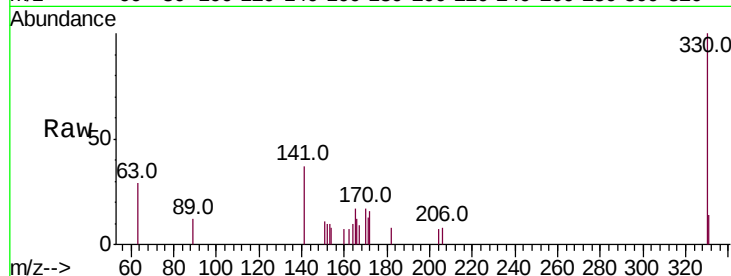




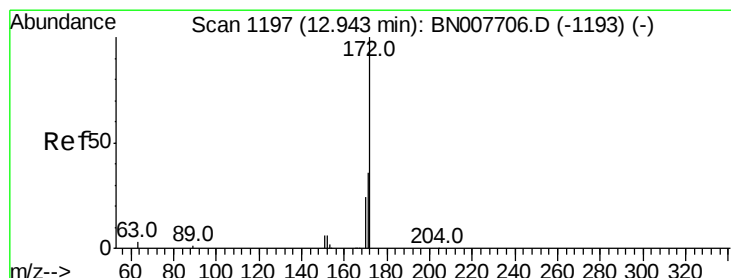
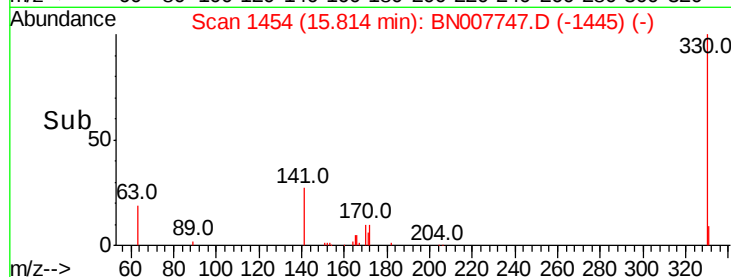
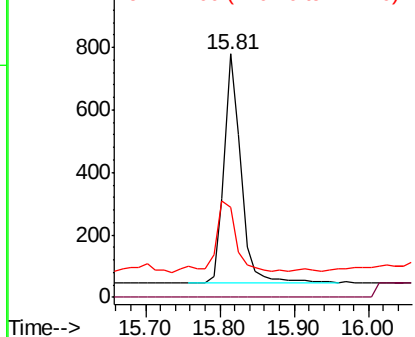
#14
 2,4,6-Tribromophenol
 Concen: 0.149 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BN007747.D
 Acq: 19 Sep 2019 18:47

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1163
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.9 28.7 43.1

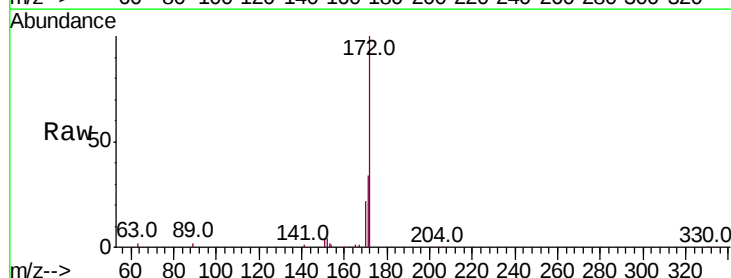


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

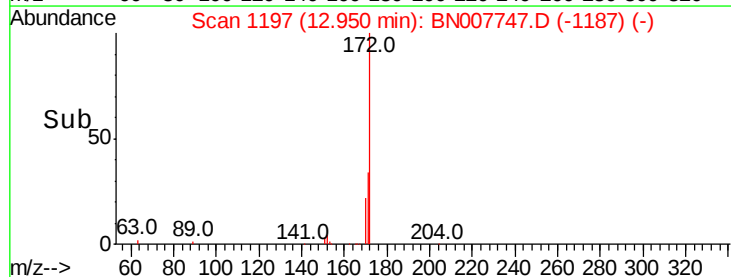
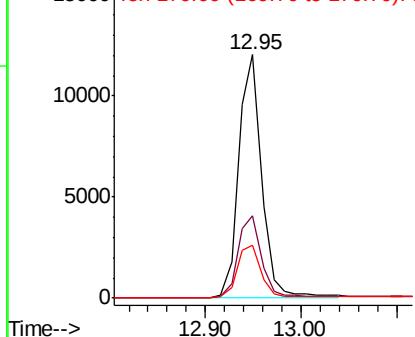


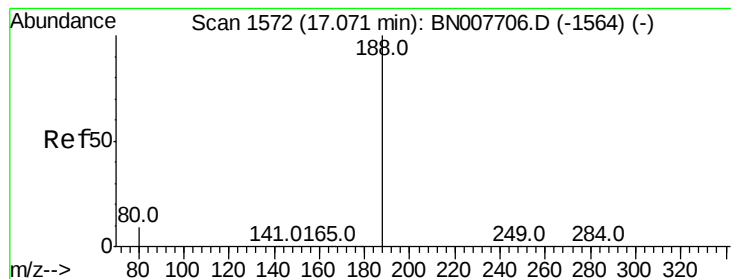
#15
 2-Fluorobiphenyl
 Concen: 0.336 ng
 RT: 12.95 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BN007747.D
 Acq: 19 Sep 2019 18:47

Tgt Ion:172 Resp: 19826
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.8 43.2
 170 22.0 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: BN007747.D

Acq: 19 Sep 2019 18:47

Instrument :

BNA_N

ClientSampleId :

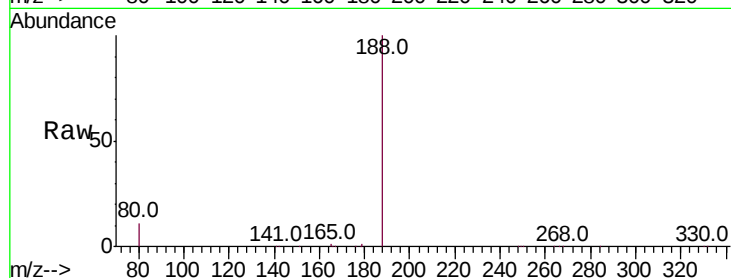
Tot Ion:188 Resp: 32550

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

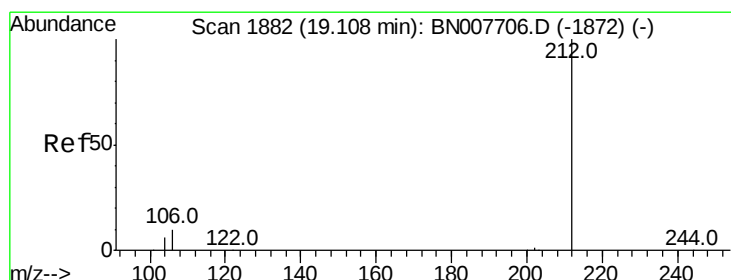
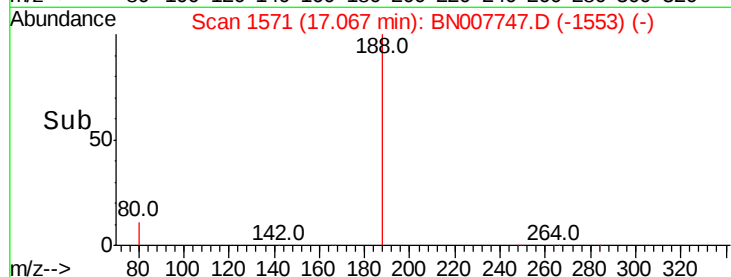
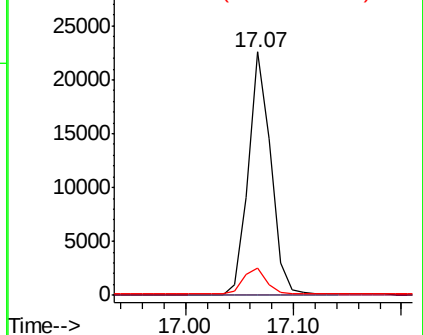
80 11.1 7.4 11.2



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: 0.342 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

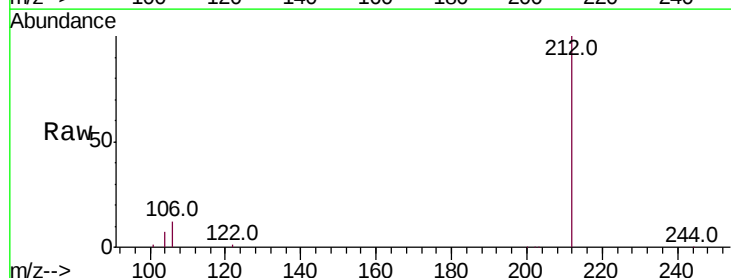
Tgt Ion:212 Resp: 37500

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

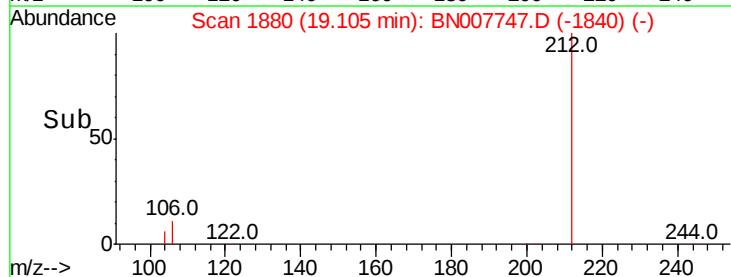
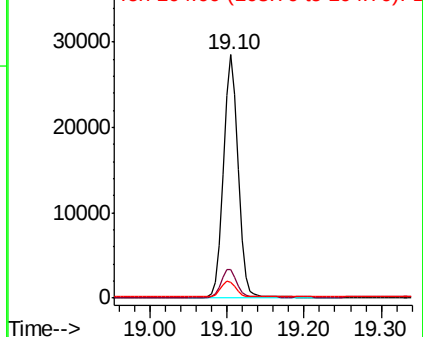
104 6.8 5.3 7.9

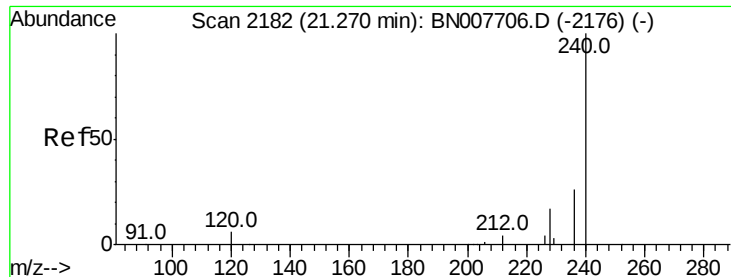


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.27 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

Instrument :

BNA_N

ClientSampleId :

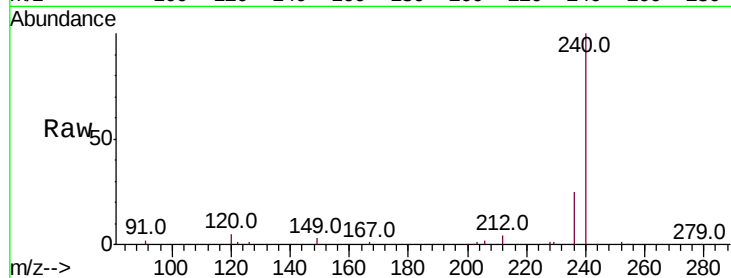
Tot Ion:240 Resp: 37050

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.2#

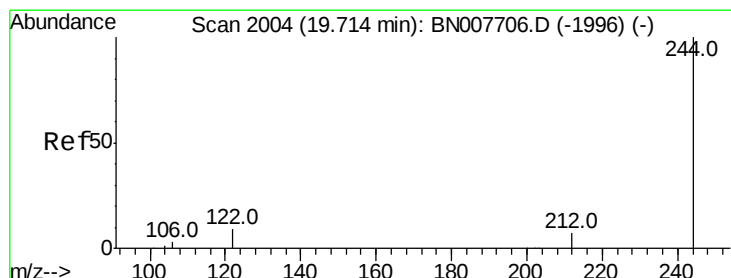
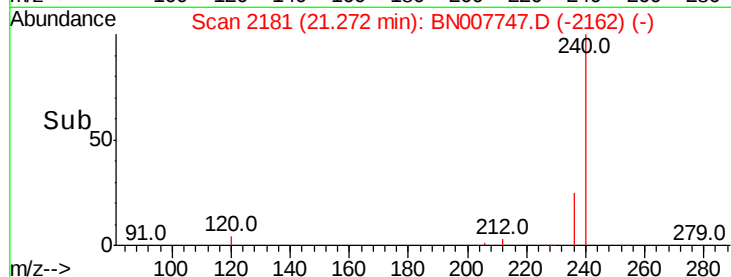
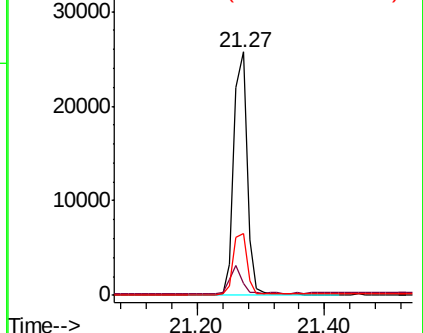
236 25.4 21.0 31.4



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: 0.506 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

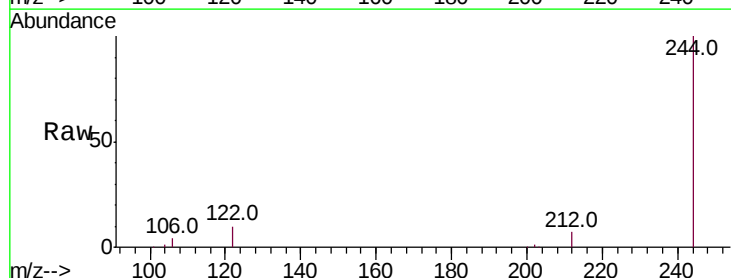
Tgt Ion:244 Resp: 46067

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

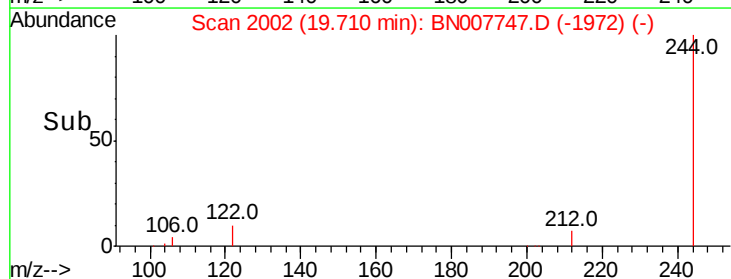
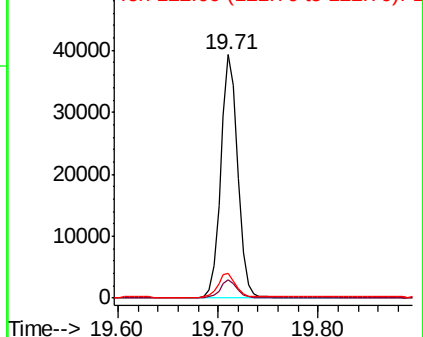
122 10.3 7.4 11.2

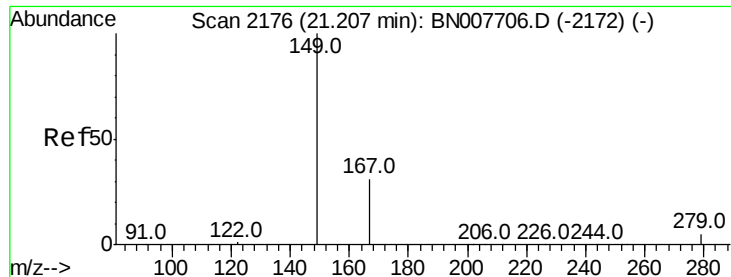


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

Instrument :

BNA_N

ClientSampleId :

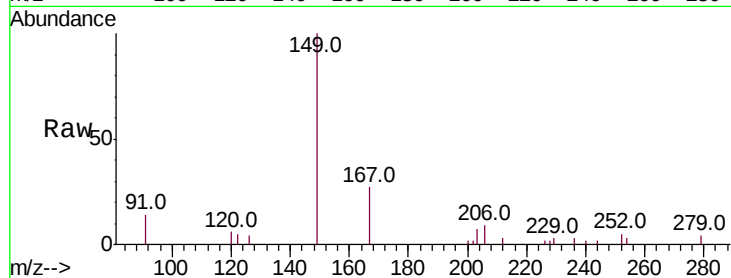
Tot Ion:149 Resp: 3615

Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

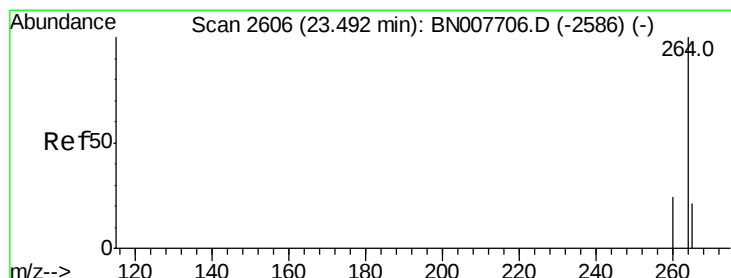
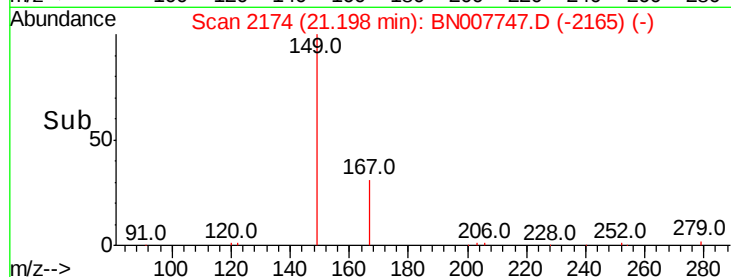
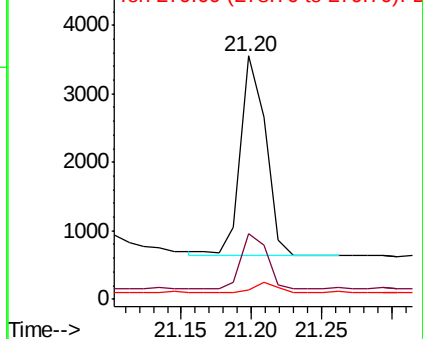
279 4.9 4.2 6.2



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: 23.49 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BN007747.D

Acq: 19 Sep 2019 18:47

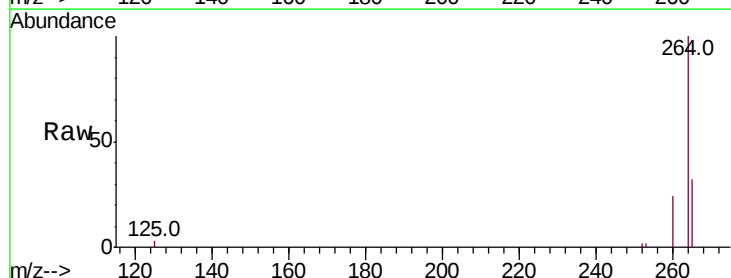
Tgt Ion:264 Resp: 40231

Ion Ratio Lower Upper

264 100

260 24.2 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

