

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007874.D
 Acq On : 26 Sep 2019 04:30
 Operator : JU
 Sample : K4975-04DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20190917DL

Quant Time: Sep 26 05:33:32 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	7.69	152	8404	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	32857	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	19865	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	41862	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	42178	0.40	ng	-0.01
34) Perylene-d12	23.47	264	46596	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	717	0.02	ng	0.00
5) Phenol-d6	6.87	99	626	0.01	ng	0.00
8) Nitrobenzene-d5	8.83	82	1977	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	3849	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	694	0.06	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	6188	0.08	ng	-0.01
25) Fluoranthene-d10	19.09	212	10179	0.07	ng	-0.02
29) Terphenyl-d14	19.70	244	9520	0.09	ng	-0.02

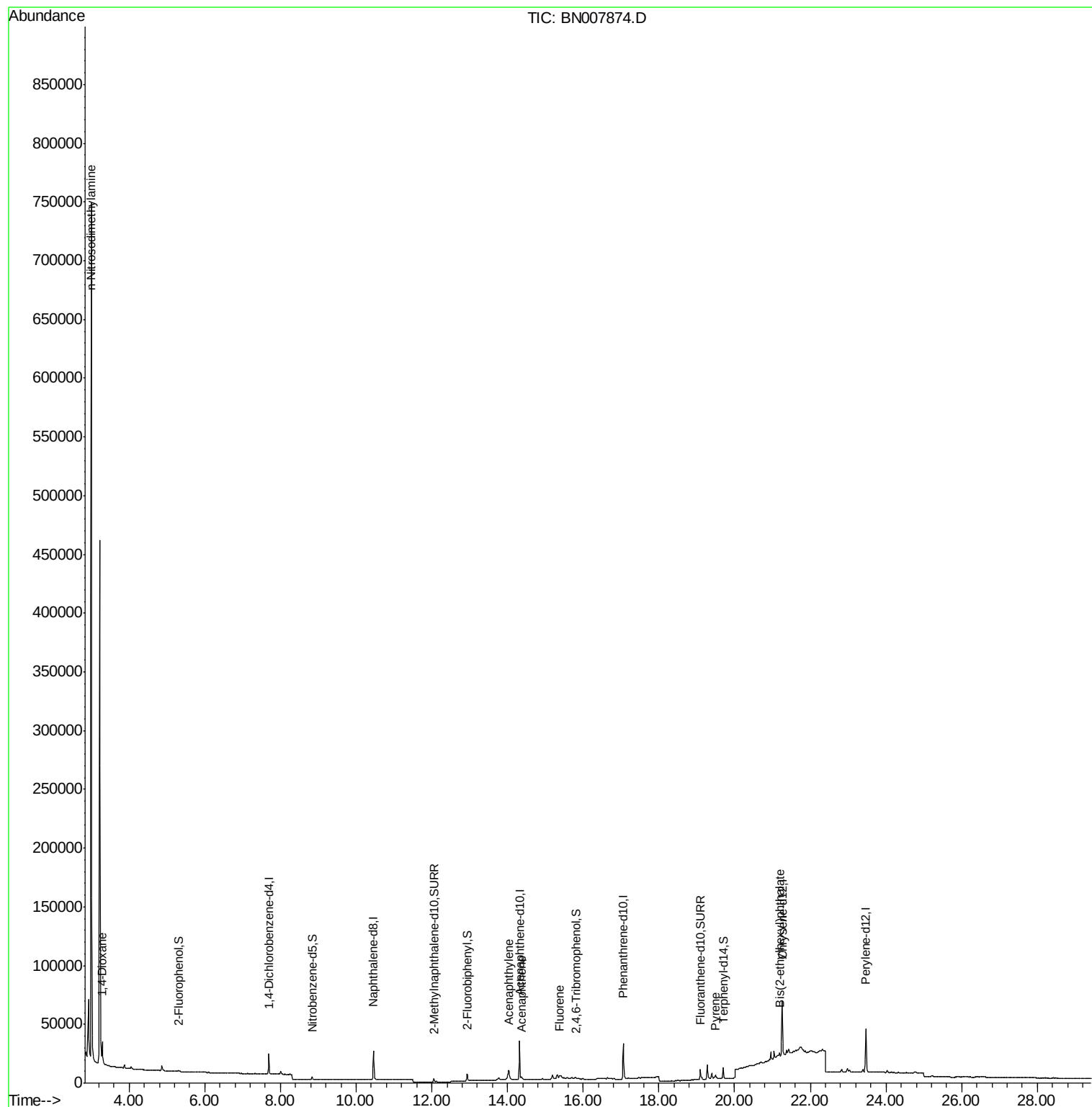
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	13305	1.420	ng	# 92
3) n-Nitrosodimethylamine	3.00	42	56901	13.263	ng	# 69
16) Acenaphthylene	14.02	152	23976	0.228	ng	# 98
17) Acenaphthene	14.37	154	1993	0.029	ng	# 86
18) Fluorene	15.37	166	4263	0.049	ng	# 12
28) Pyrene	19.49	202	3913	0.027	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.19	149	6716	0.084	ng	# 74

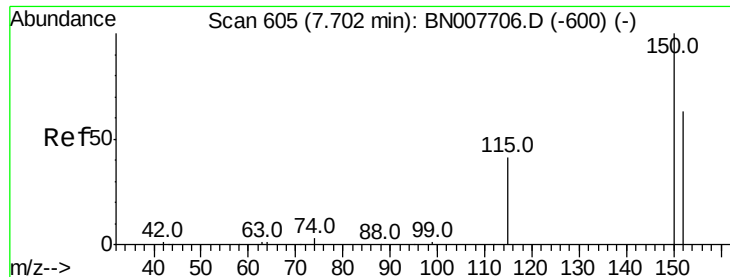
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007874.D
Acq On : 26 Sep 2019 04:30
Operator : JU
Sample : K4975-04DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D1-20190917DL

Quant Time: Sep 26 05:33:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

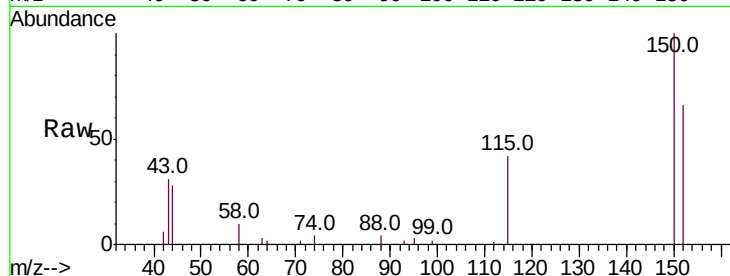
Tot Ion:152 Resp: 8404

Ion Ratio Lower Upper

152 100

150 151.9 125.6 188.4

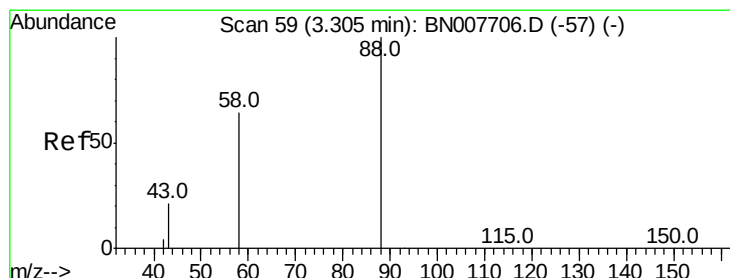
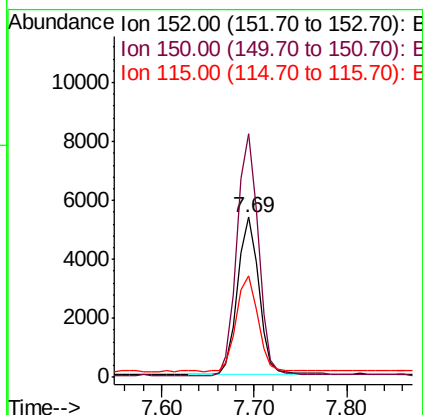
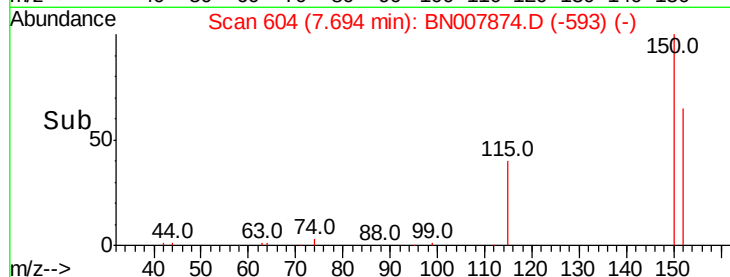
115 63.6 53.3 79.9



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: 1.420 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

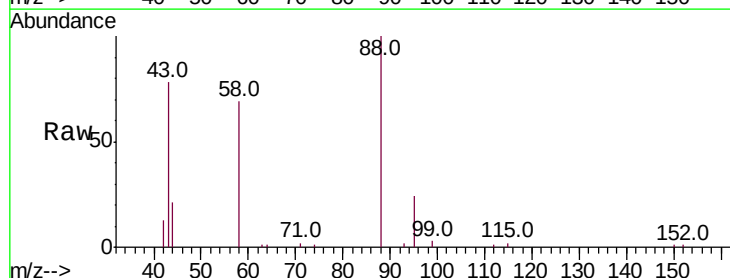
Tgt Ion: 88 Resp: 13305

Ion Ratio Lower Upper

88 100

58 61.7 44.6 66.8

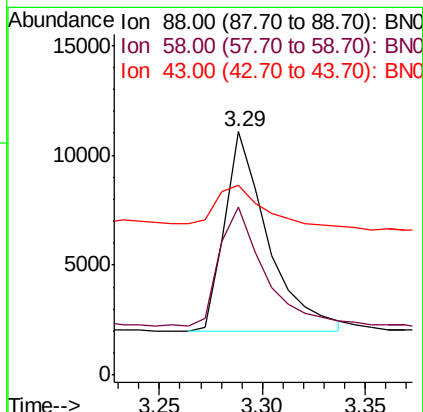
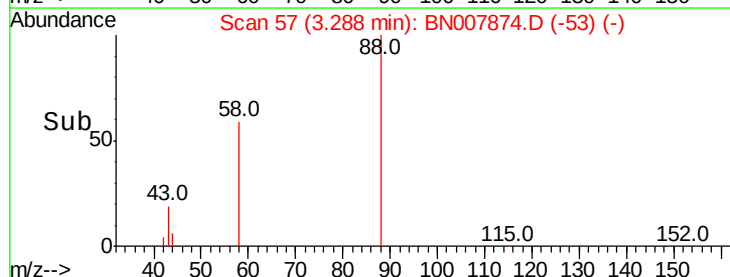
43 21.9 14.4 21.6#

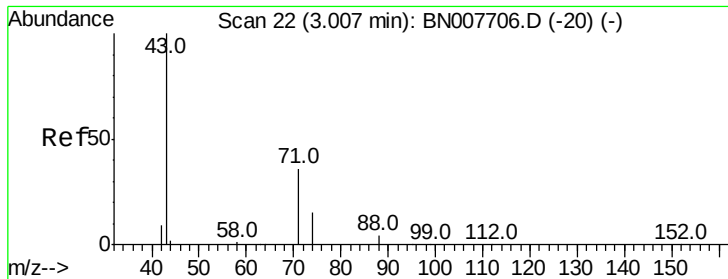


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 13.263 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

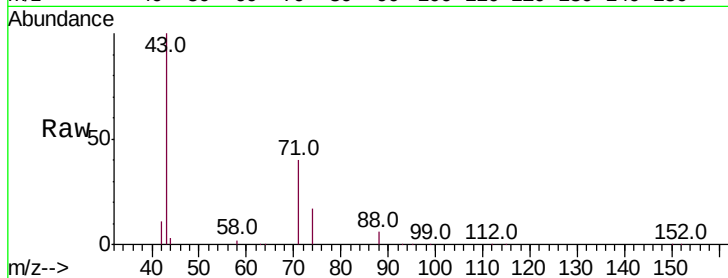
Tot Ion: 42 Resp: 56901

Ion Ratio Lower Upper

42 100

74 148.1 87.9 131.9#

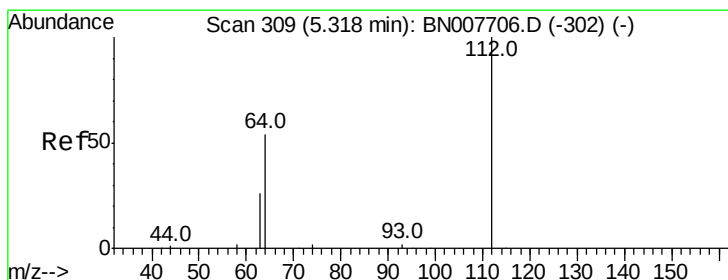
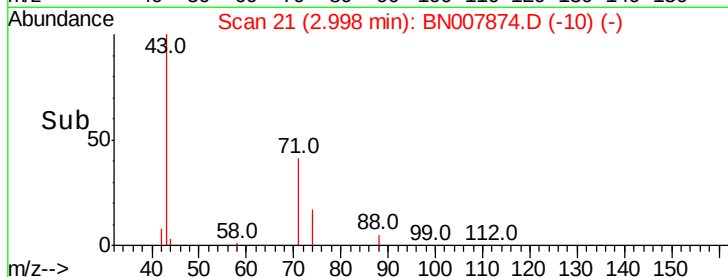
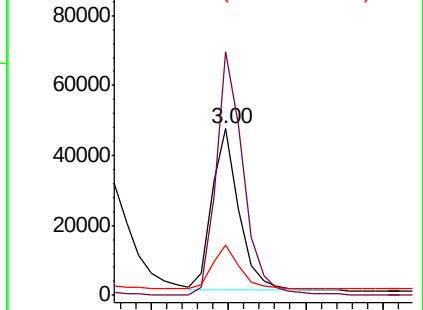
44 26.6 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007874.D (-10) (-)

Ion 44.00 (43.70 to 44.70): BN007874.D (-10) (-)



#4

2-Fluorophenol

Concen: 0.025 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

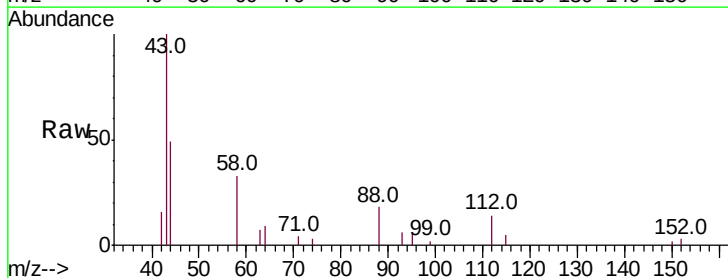
Tgt Ion: 112 Resp: 717

Ion Ratio Lower Upper

112 100

64 62.1 46.6 70.0

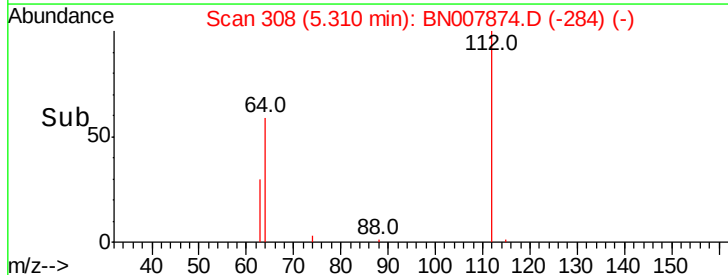
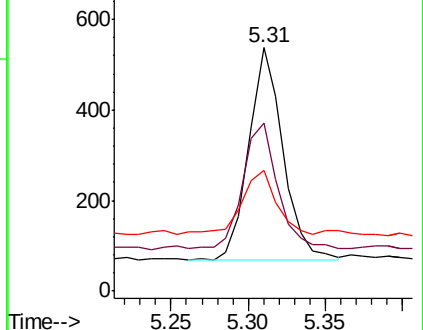
63 30.1 23.1 34.7

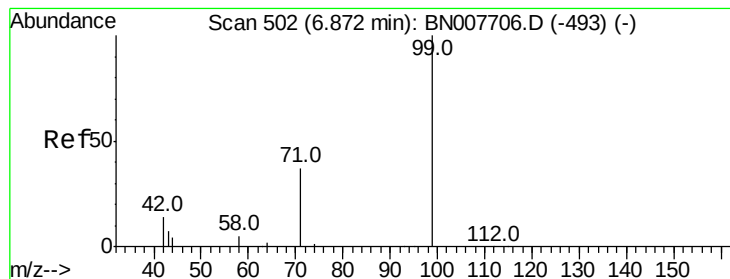


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007874.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN007874.D (-284) (-)





#5

Phenol-d6

Concen: 0.011 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

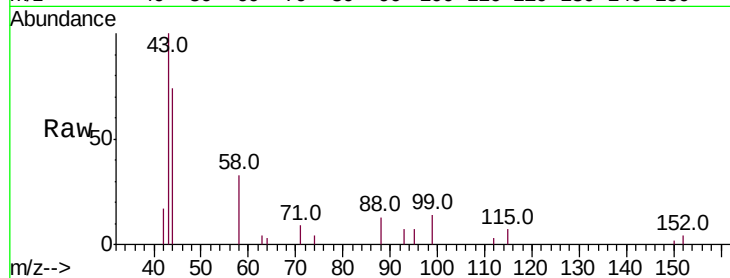
Tot Ion: 99 Resp: 626

Ion Ratio Lower Upper

99 100

42 23.8 12.8 19.2#

71 39.3 27.6 41.4

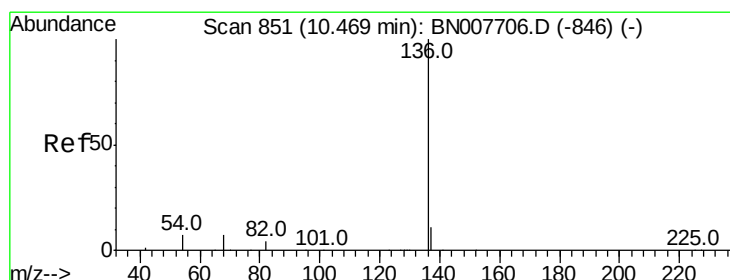
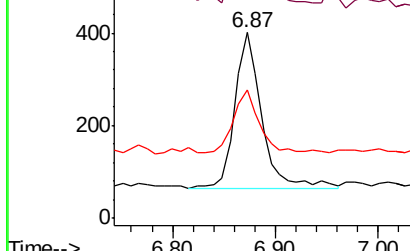
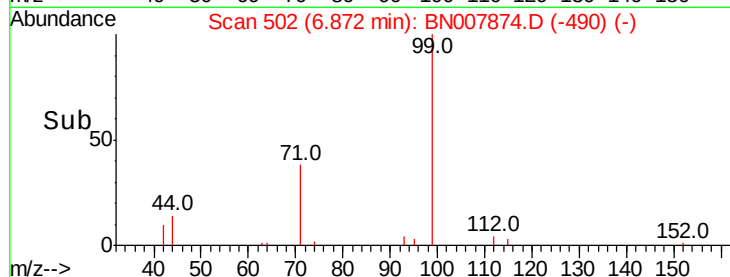


Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Tgt Ion: 136 Resp: 32857

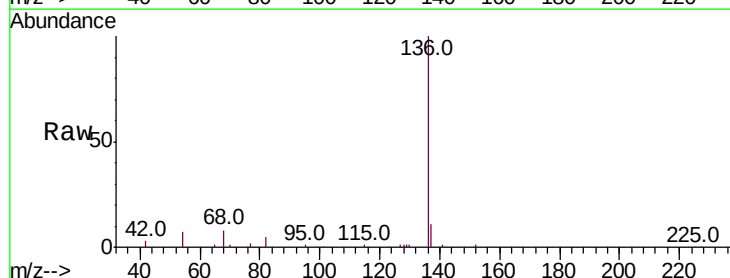
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.3 5.8 8.8

68 8.2 6.5 9.7



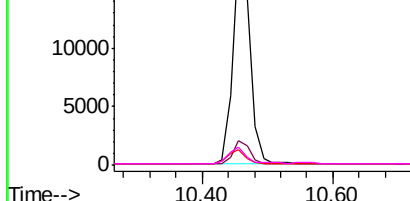
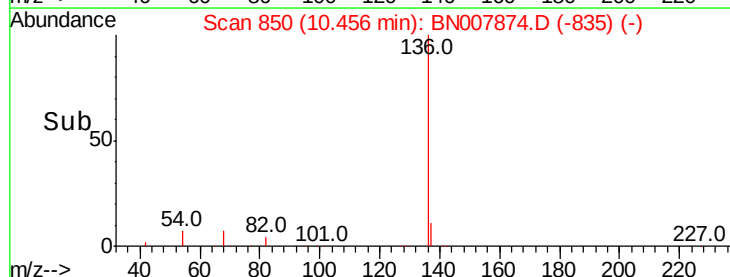
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

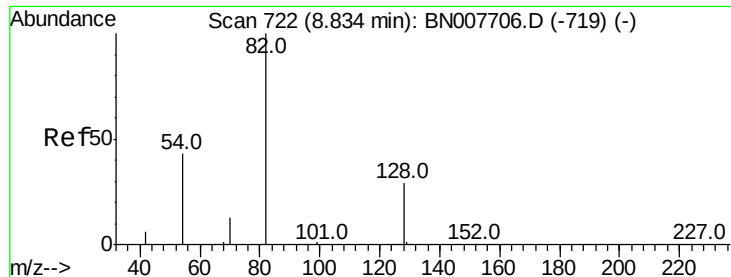
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.069 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

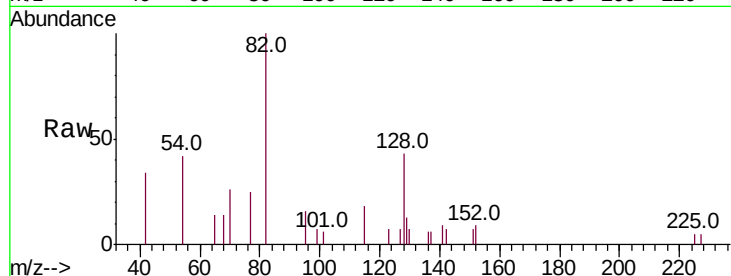
Tot Ion: 82 Resp: 1977

Ion Ratio Lower Upper

82 100

128 43.3 24.5 36.7#

54 42.2 35.2 52.8

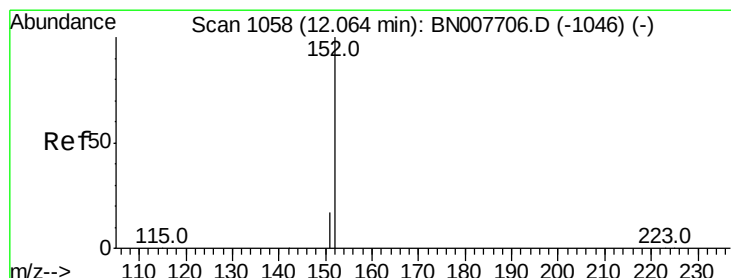
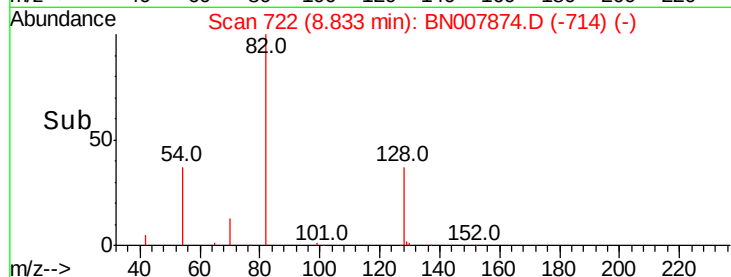


Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.070 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007874.D

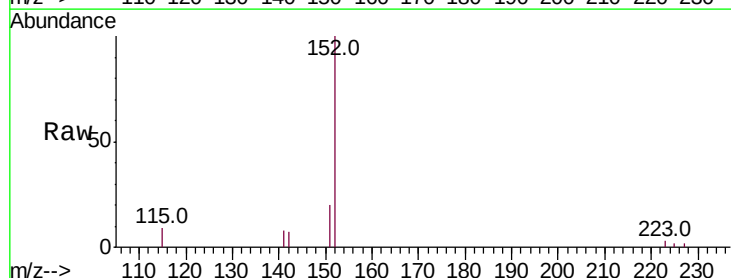
Acq: 26 Sep 2019 04:30

Tgt Ion: 152 Resp: 3849

Ion Ratio Lower Upper

152 100

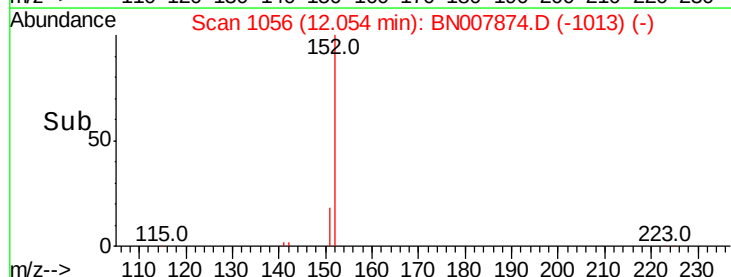
151 19.0 15.4 23.2

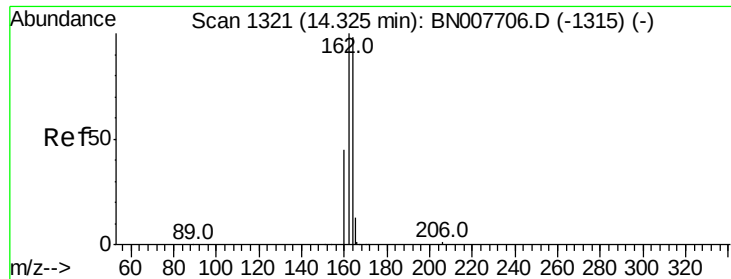


Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

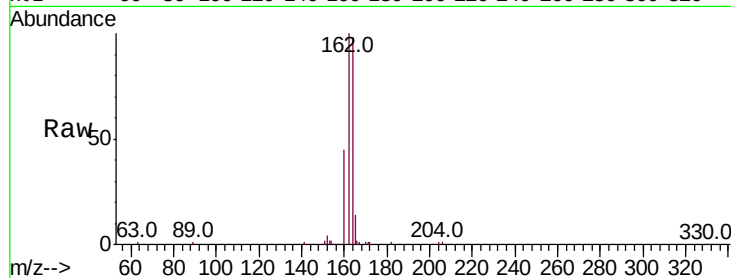
Tot Ion:164 Resp: 19865

Ion Ratio Lower Upper

164 100

162 102.0 81.7 122.5

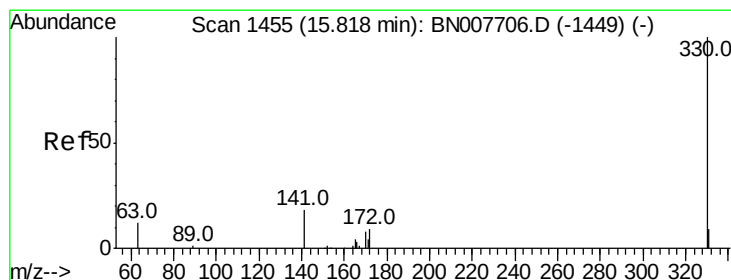
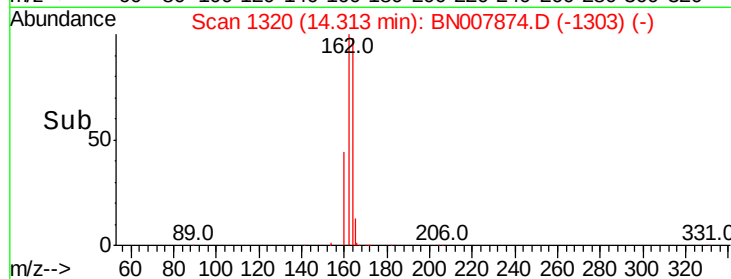
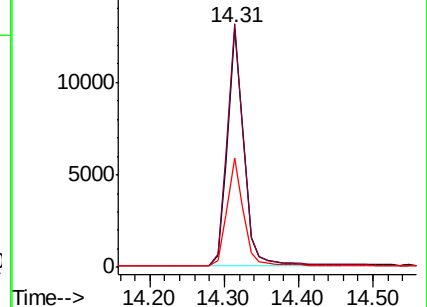
160 45.5 37.0 55.4



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: 0.064 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

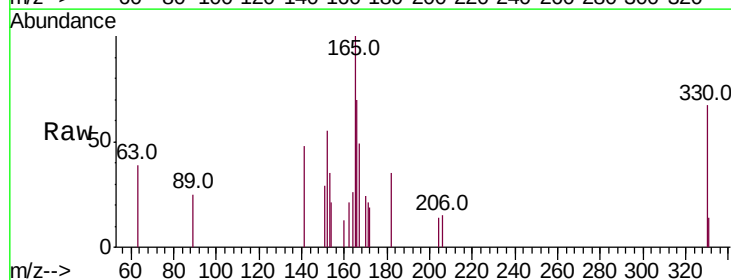
Tgt Ion:330 Resp: 694

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

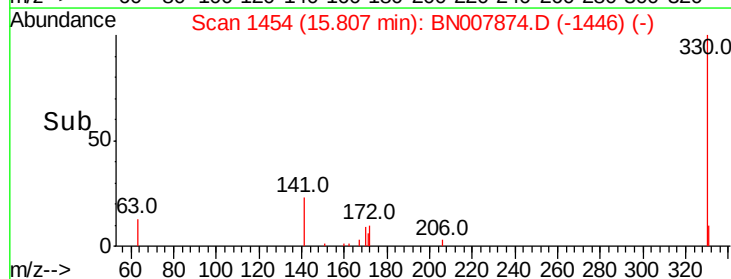
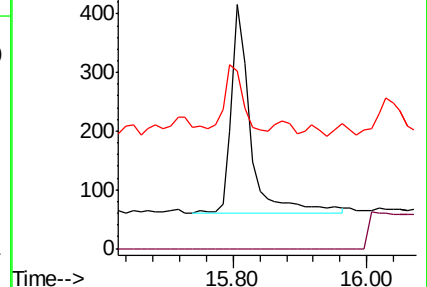
141 31.3 28.7 43.1

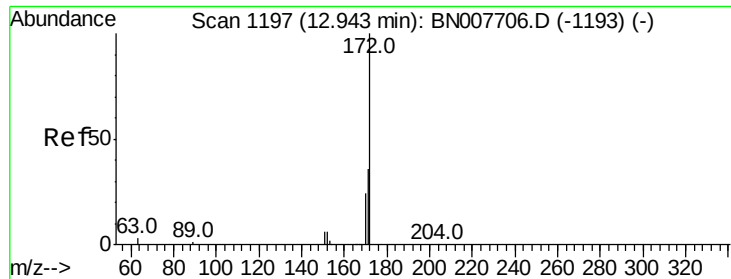


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

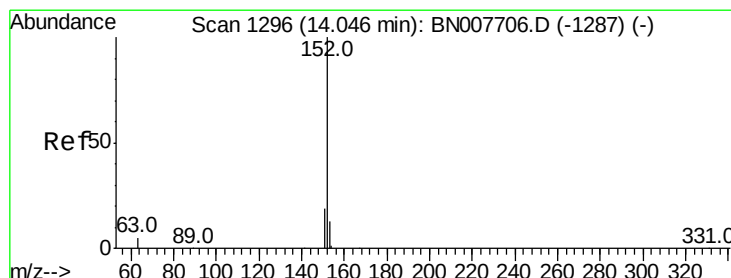
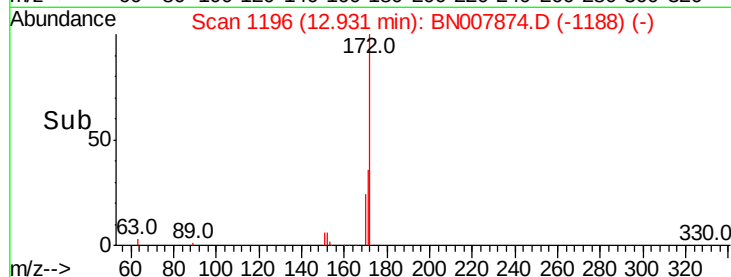
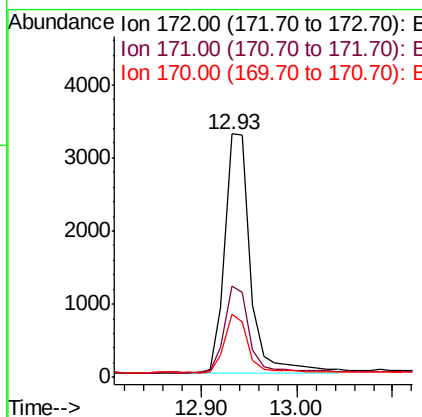
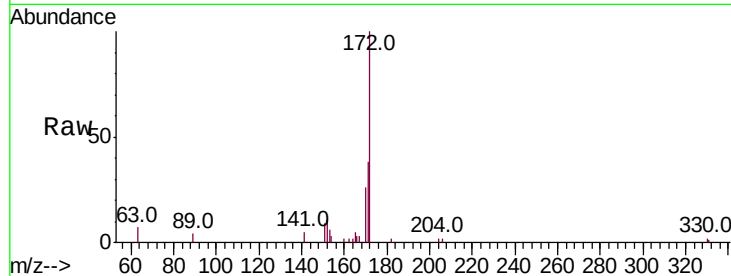




#15
2-Fluorobiphenyl
Concen: 0.076 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007874.D
Acq: 26 Sep 2019 04:30

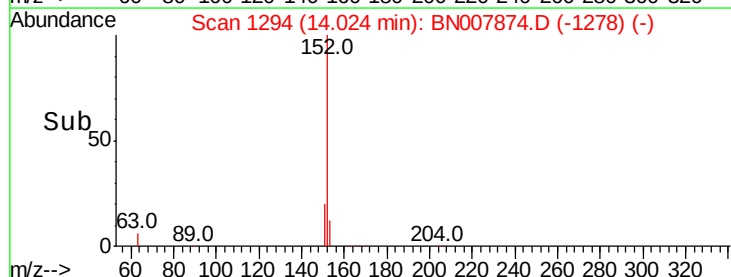
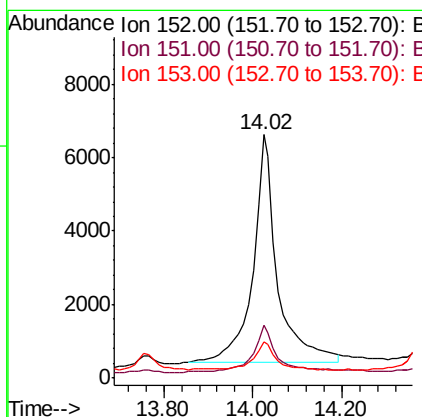
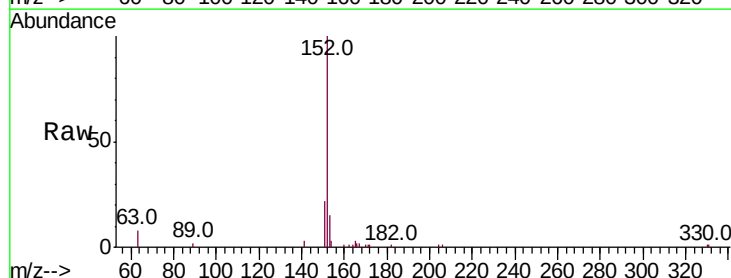
Instrument :
BNA_N
ClientSampleId :
RE120D1-20190917DL

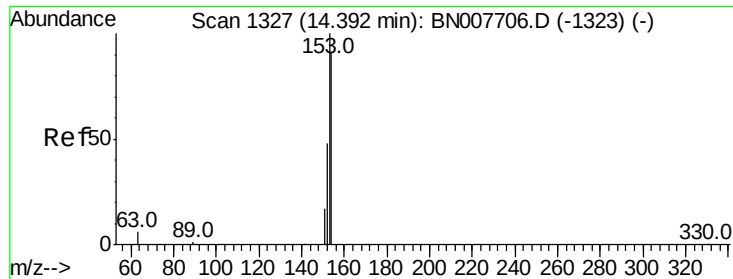
Tot Ion:172 Resp: 6188
Ion Ratio Lower Upper
172 100
171 37.6 28.8 43.2
170 25.8 19.5 29.3



#16
Acenaphthylene
Concen: 0.228 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007874.D
Acq: 26 Sep 2019 04:30

Tgt Ion:152 Resp: 23976
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 11.1 10.4 15.6





#17

Acenaphthene

Concen: 0.029 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

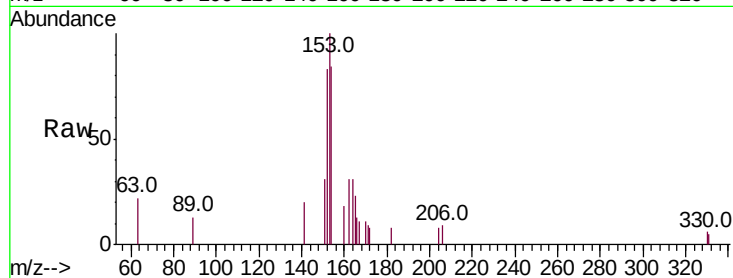
Tot Ion:154 Resp: 1993

Ion Ratio Lower Upper

154 100

153 103.4 87.0 130.4

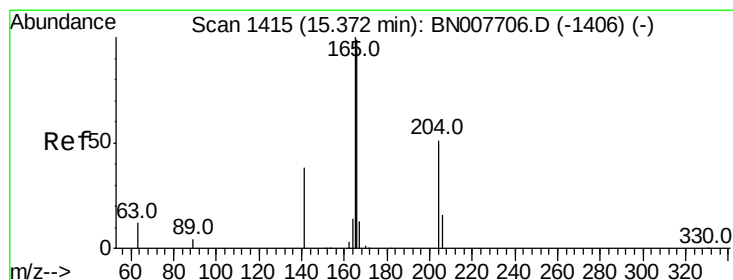
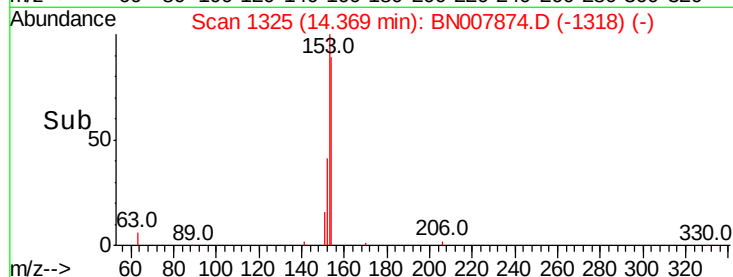
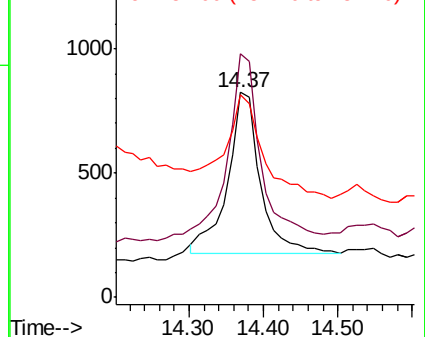
152 76.8 42.7 64.1#



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: 0.049 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

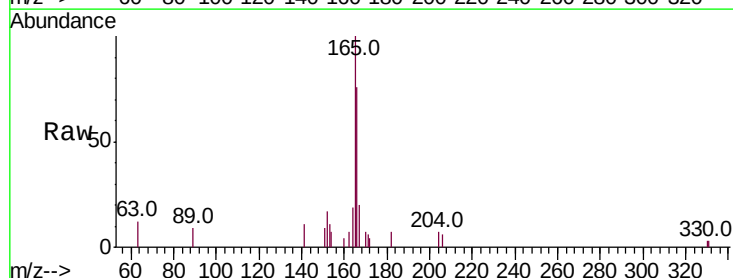
Tgt Ion:166 Resp: 4263

Ion Ratio Lower Upper

166 100

165 0.0 78.0 117.0#

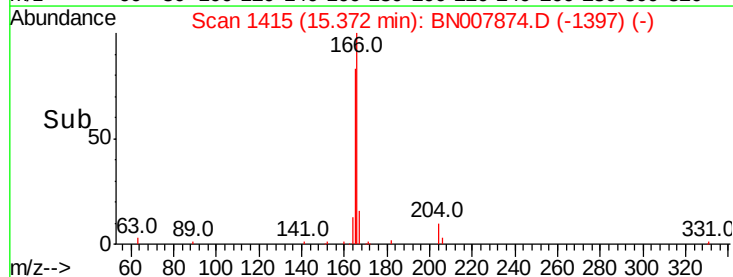
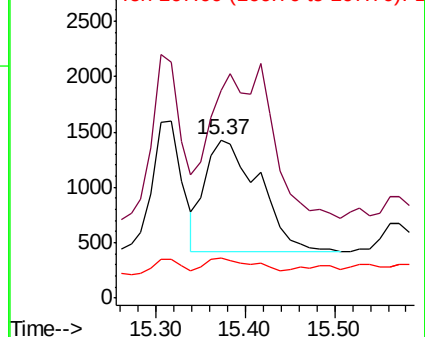
167 11.0 10.9 16.3

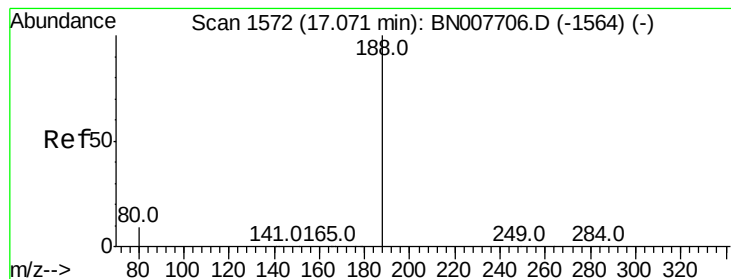


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

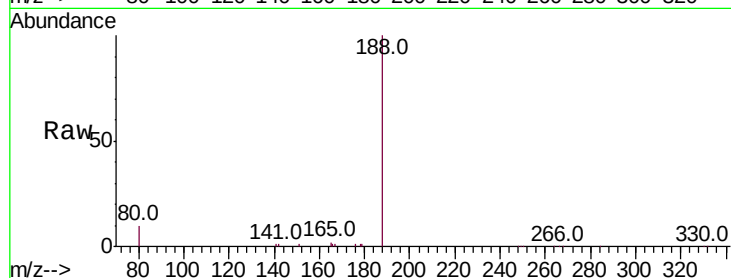
Tot Ion:188 Resp: 41862

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

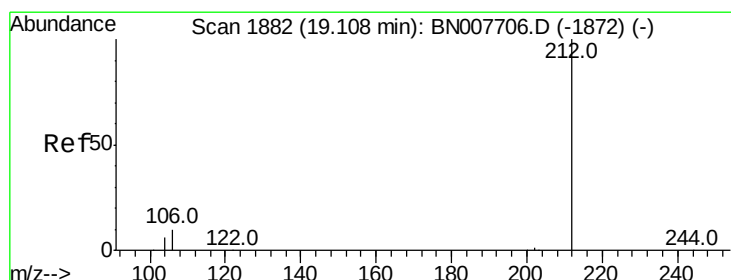
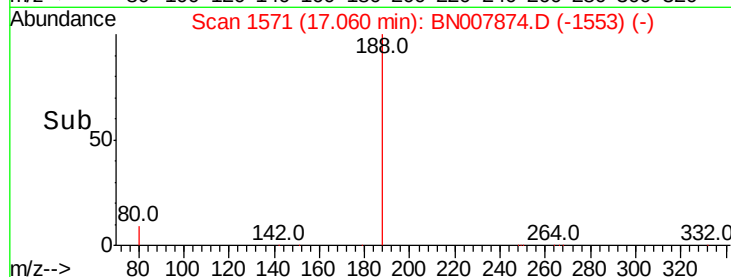
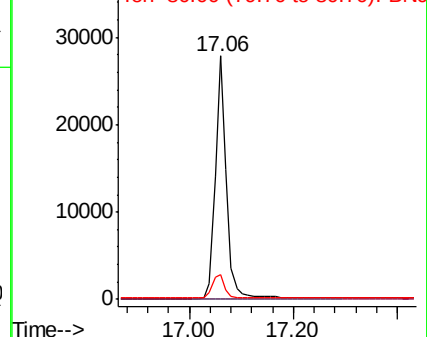
80 10.0 7.4 11.2



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: 0.072 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

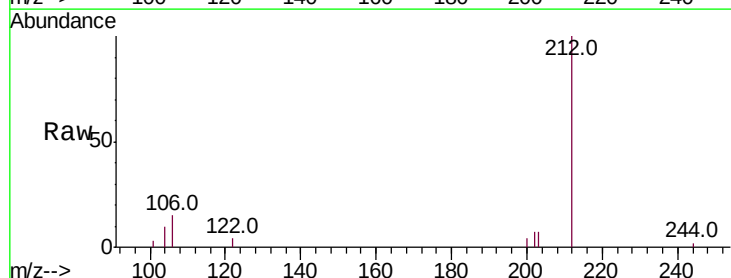
Tgt Ion:212 Resp: 10179

Ion Ratio Lower Upper

212 100

106 12.4 9.4 14.0

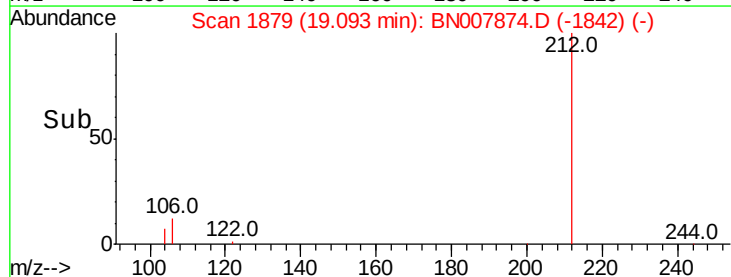
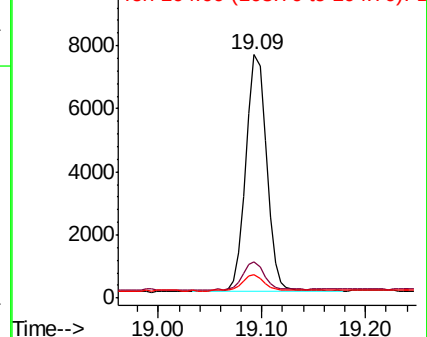
104 7.1 5.3 7.9

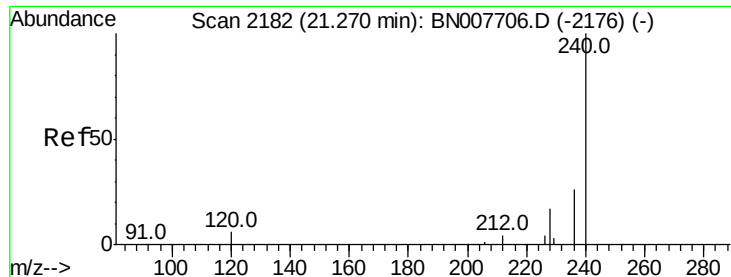


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2181

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

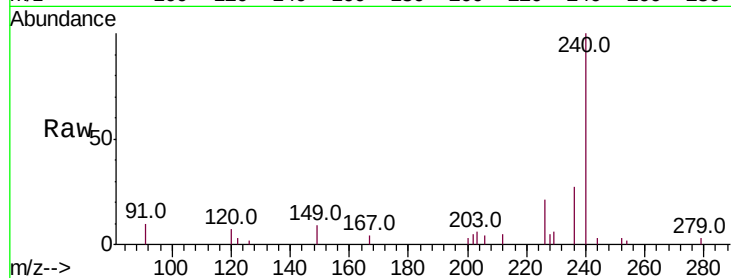
Tot Ion:240 Resp: 42178

Ion Ratio Lower Upper

240 100

120 7.0 5.4 8.2

236 27.1 21.0 31.4

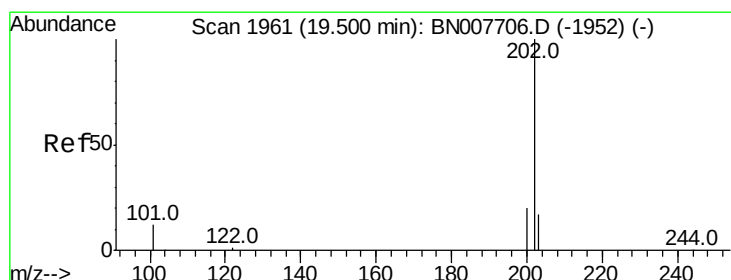
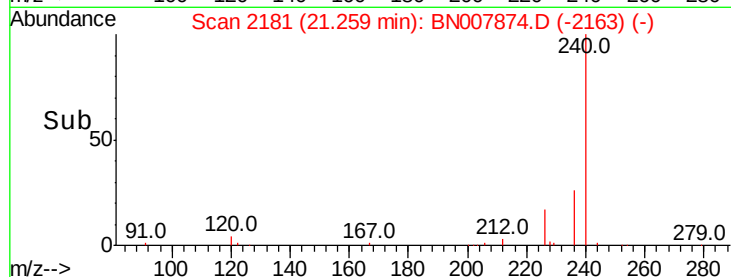
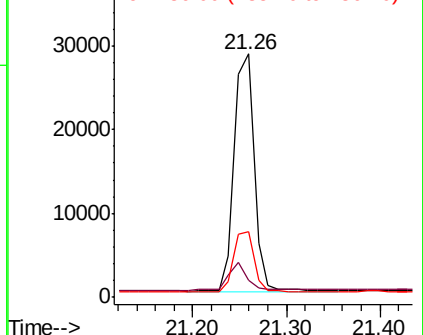


Abundance

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



#28

Pyrene

Concen: 0.027 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

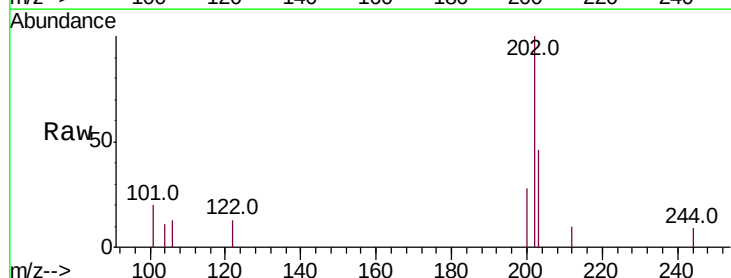
Tgt Ion:202 Resp: 3913

Ion Ratio Lower Upper

202 100

200 22.3 16.4 24.6

203 35.7 14.1 21.1#

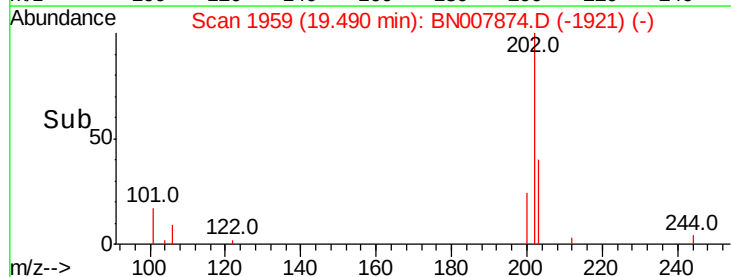
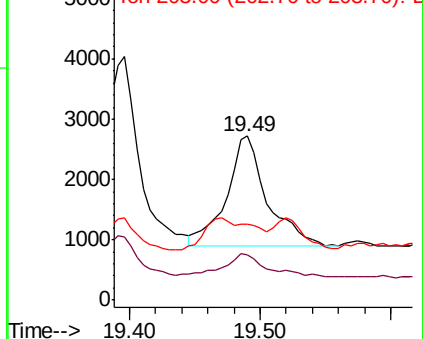


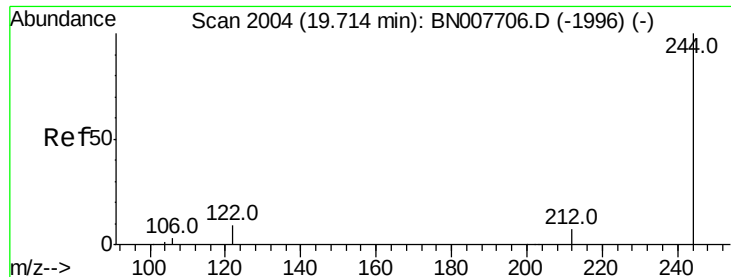
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.092 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

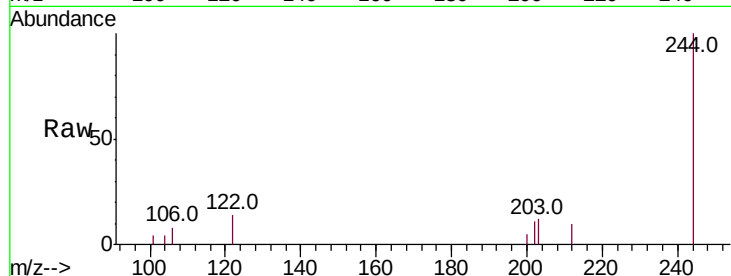
Tot Ion:244 Resp: 9520

Ion Ratio Lower Upper

244 100

212 10.0 5.9 8.9#

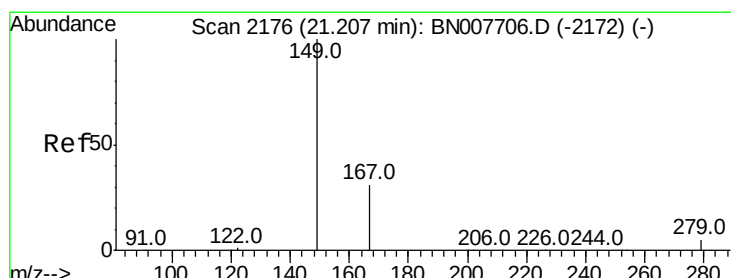
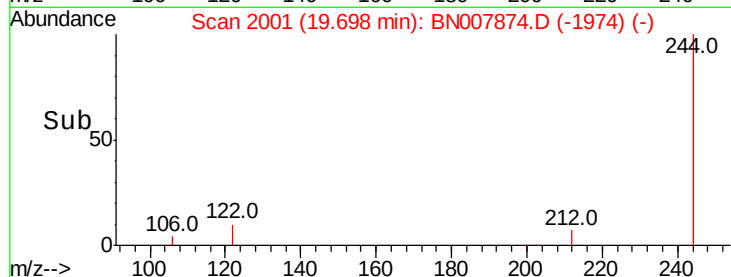
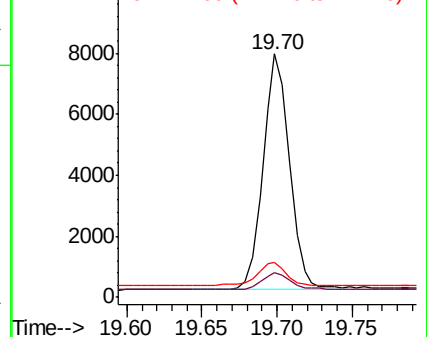
122 14.3 7.4 11.2#



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: 0.084 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

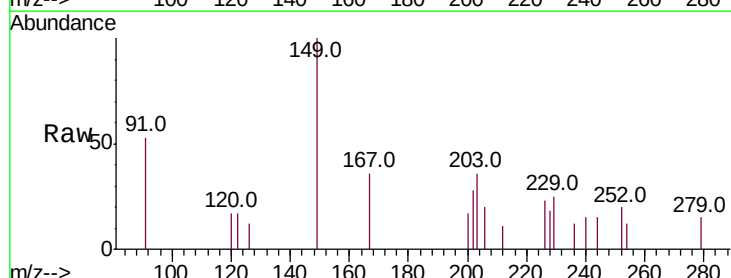
Tgt Ion:149 Resp: 6716

Ion Ratio Lower Upper

149 100

167 13.5 23.7 35.5#

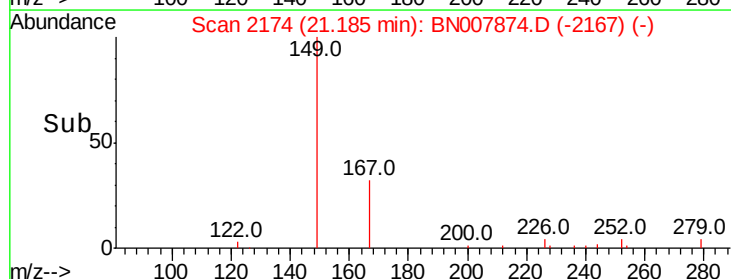
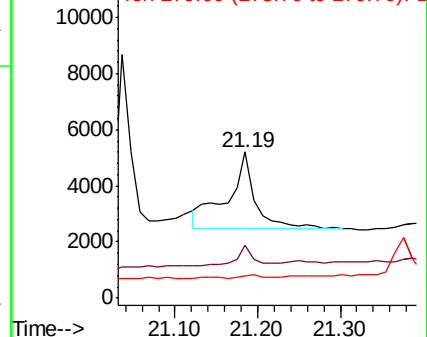
279 3.3 4.2 6.2#

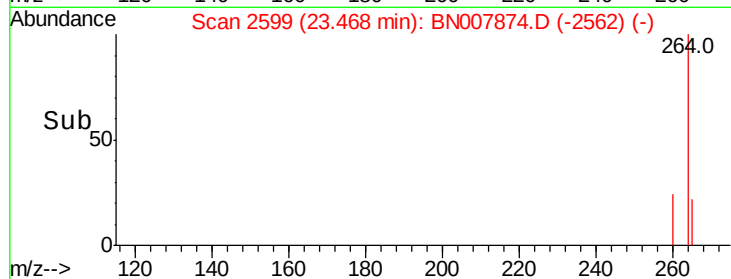
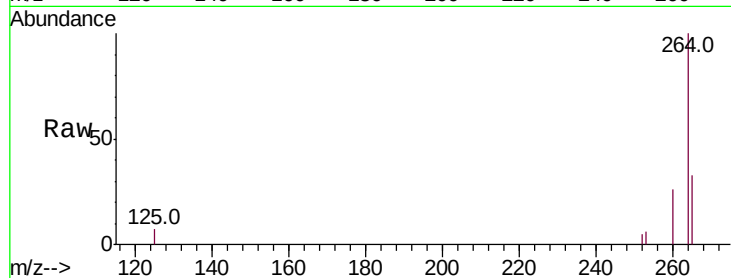
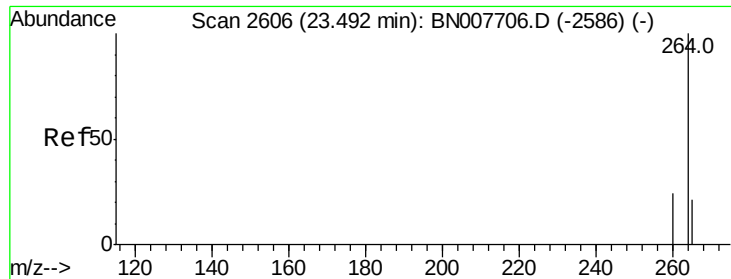


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007874.D

Acq: 26 Sep 2019 04:30

Instrument :

BNA_N

ClientSampleId :

RE120D1-20190917DL

Tot Ion:264 Resp: 46596

Ion Ratio Lower Upper

264 100

260 25.8 19.3 28.9

265 33.3 26.9 40.3

