

Data File : BN007221.D
Acq On : 16 Aug 2019 14:00
Operator : HP/JU
Sample : PB122169BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122169BL

Quant Time: Aug 17 00:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	7760	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	28038	0.40	ng	-0.01
12) Acenaphthene-d10	14.06	164	15412	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	38341	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	38062	0.40	ng	-0.02
32) Perylene-d12	23.15	264	43876	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	6715	0.36	ng	0.00
4) Phenol-d6	6.61	99	8815	0.38	ng	0.00
7) Nitrobenzene-d5	8.55	82	7620	0.34	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	16170	0.31	ng	-0.01
13) 2,4,6-Tribromophenol	15.56	330	1367	0.16	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1489	0.07	ng	0.00
24) Fluoranthene-d10	18.86	212	43398	0.32	ng	-0.01
28) Terphenyl-d14	19.48	244	34885	0.34	ng	-0.02

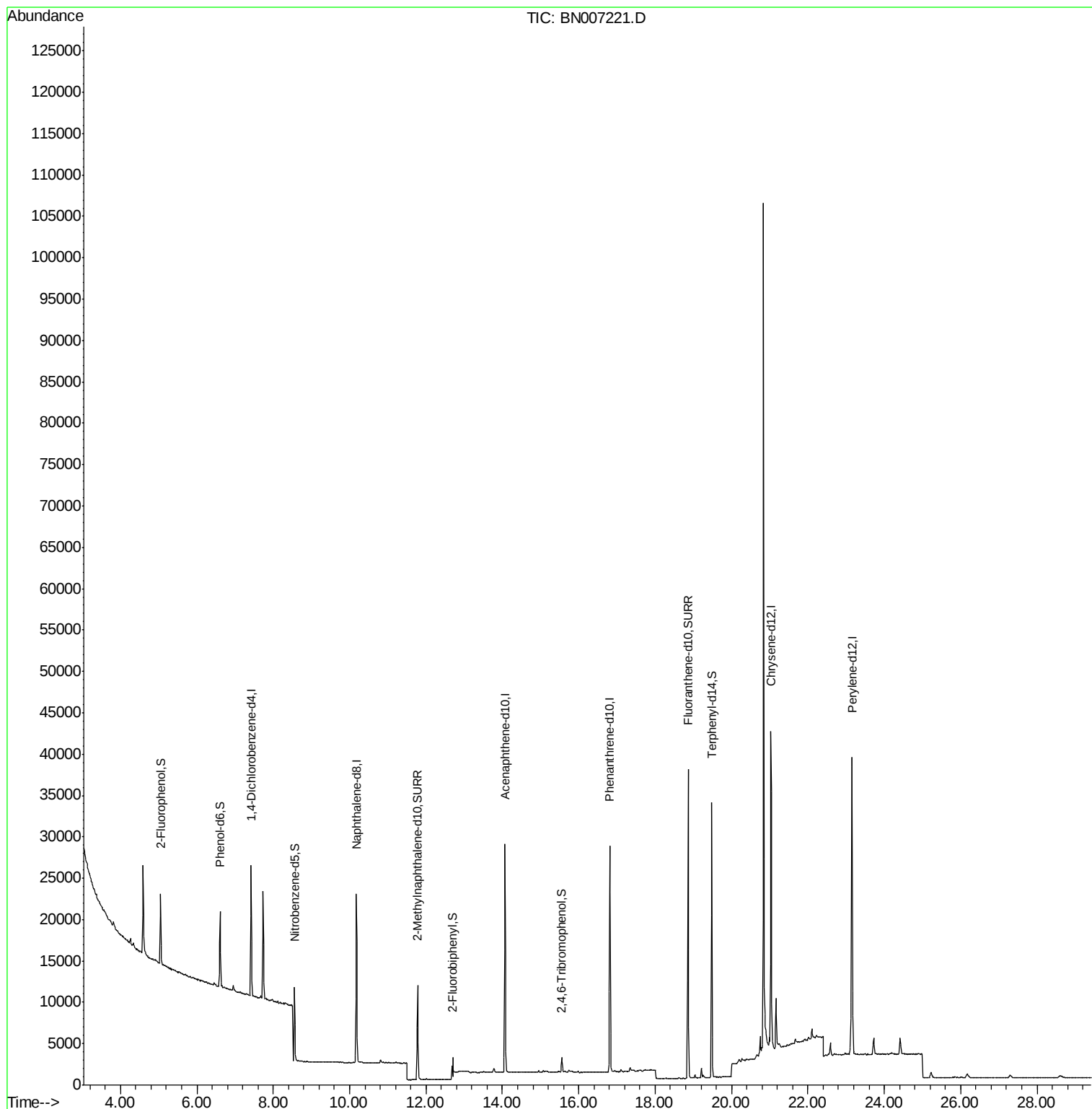
Target Compounds Qvalue

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

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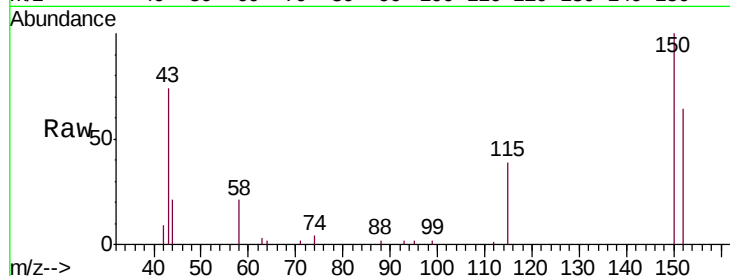


#1

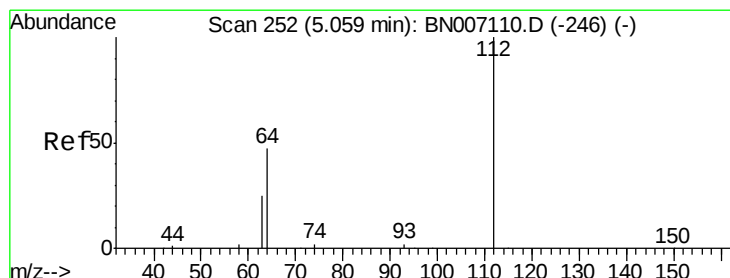
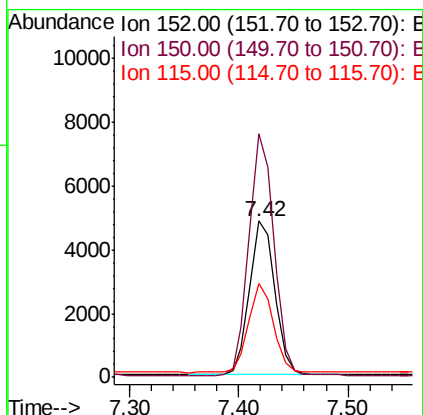
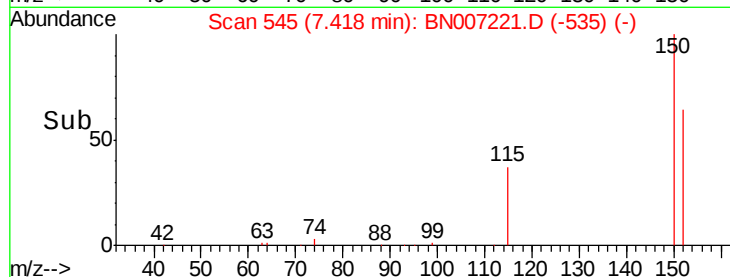
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007221.D
Acq: 16 Aug 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB122169BL

Tgt Ion:152 Resp: 7760
Ion Ratio Lower Upper
152 100
150 155.9 121.7 182.5
115 60.2 46.2 69.4



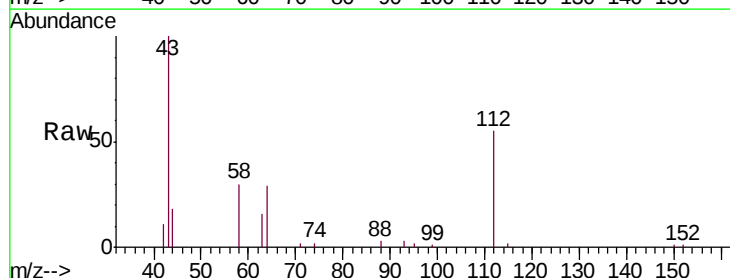
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



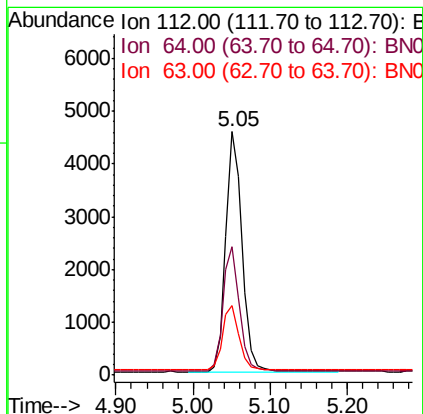
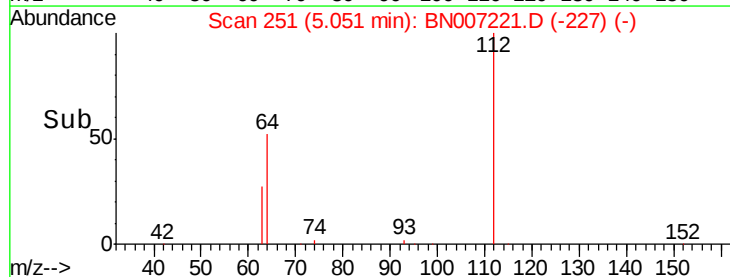
#3

2-Fluorophenol
Concen: 0.360 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007221.D
Acq: 16 Aug 2019 14:00

Tgt Ion:112 Resp: 6715
Ion Ratio Lower Upper
112 100
64 51.2 42.6 63.8
63 26.8 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.382 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB122169BL

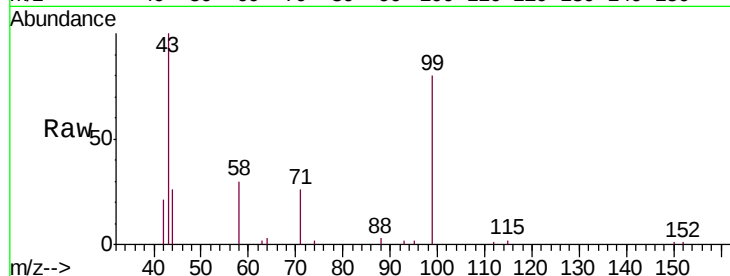
Tgt Ion: 99 Resp: 8815

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

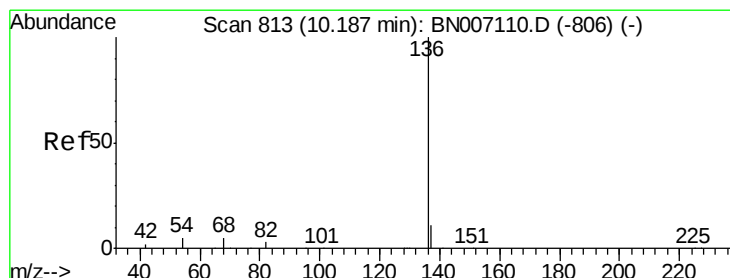
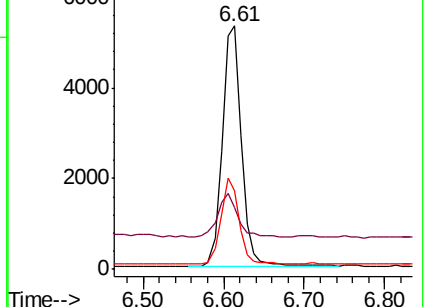
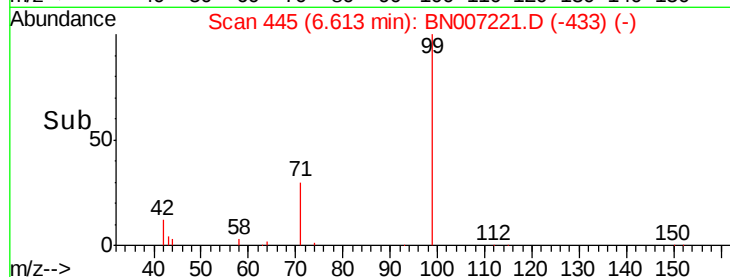
71 34.0 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007221.D (-433) (-)

Ion 42.00 (41.70 to 42.70): BN007221.D (-433) (-)

Ion 71.00 (70.70 to 71.70): BN007221.D (-433) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Tgt Ion: 136 Resp: 28038

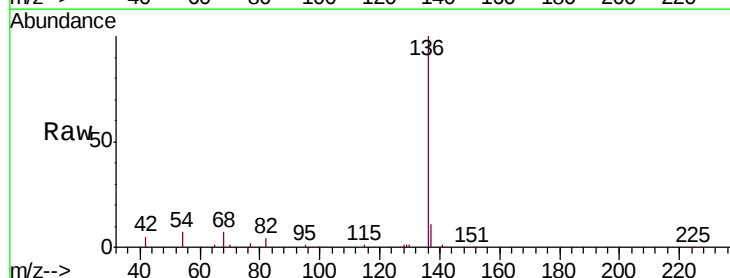
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 7.1 6.6 9.8

68 6.6 6.0 9.0

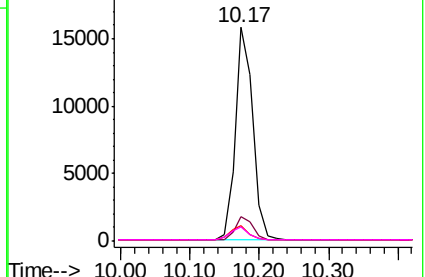
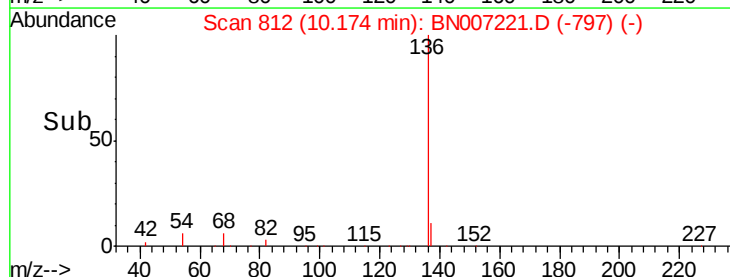


Abundance Ion 136.00 (135.70 to 136.70): BN007221.D (-797) (-)

Ion 137.00 (136.70 to 137.70): BN007221.D (-797) (-)

Ion 54.00 (53.70 to 54.70): BN007221.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007221.D (-797) (-)





#7

Nitrobenzene-d5

Concen: 0.337 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Instrument :

BNA_N

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PB122169BL

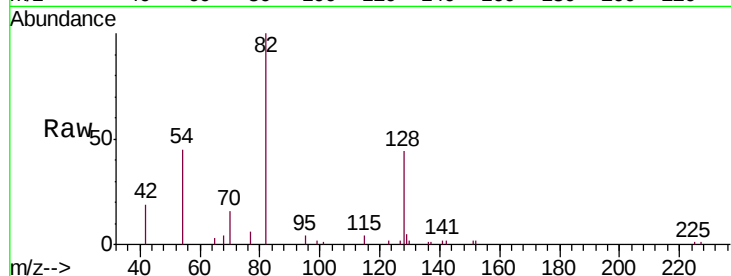
Tgt Ion: 82 Resp: 7620

Ion Ratio Lower Upper

82 100

128 44.1 34.6 51.8

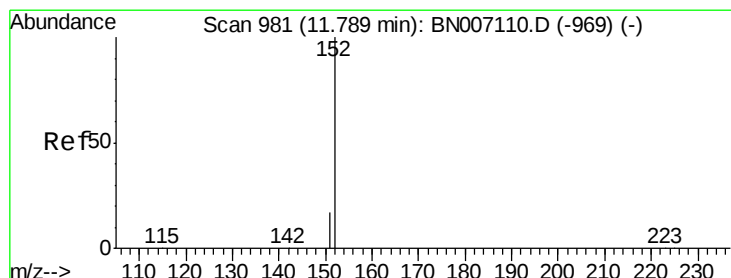
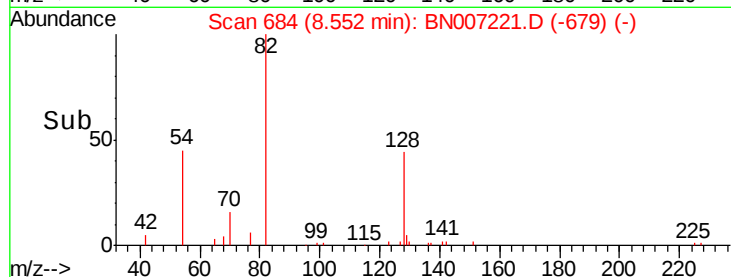
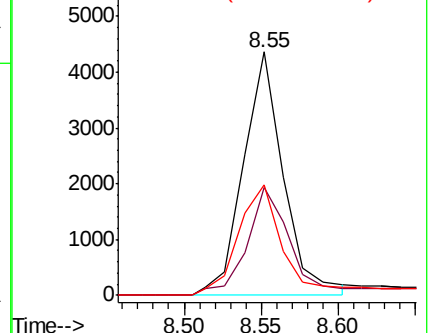
54 45.4 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#10

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN007221.D

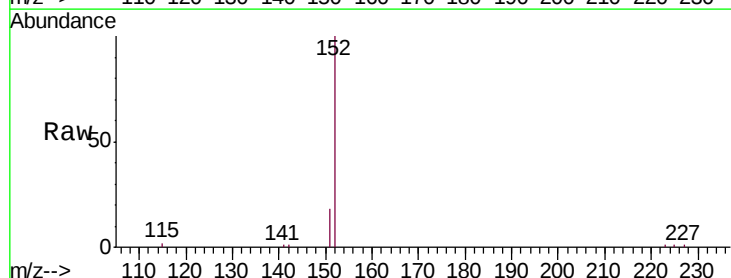
Acq: 16 Aug 2019 14:00

Tgt Ion: 152 Resp: 16170

Ion Ratio Lower Upper

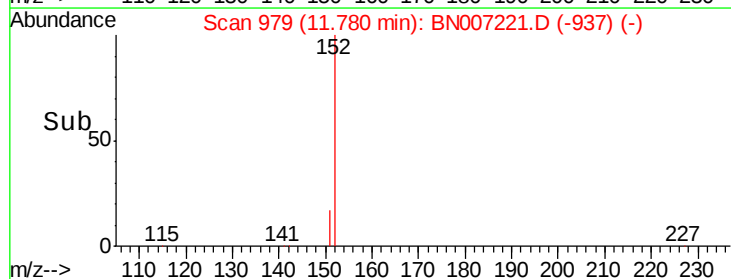
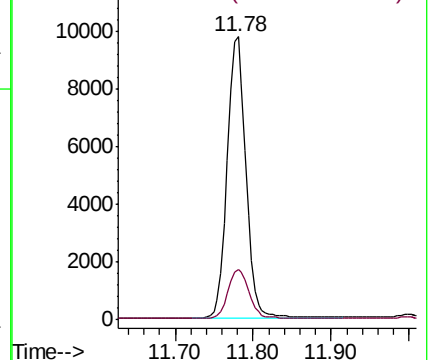
152 100

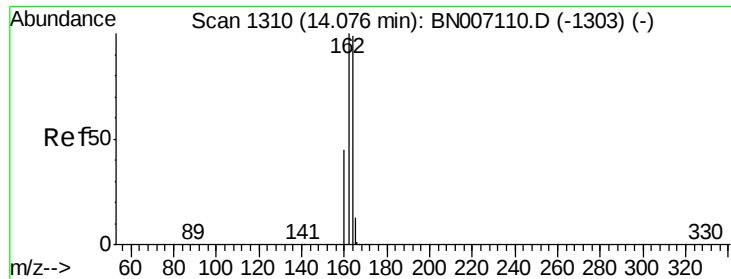
151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB122169BL

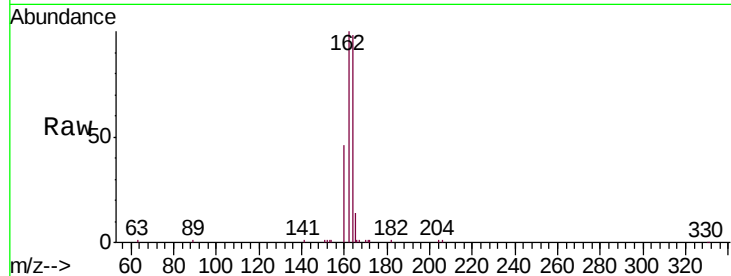
Tgt Ion:164 Resp: 15412

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.4

160 46.8 38.3 57.5

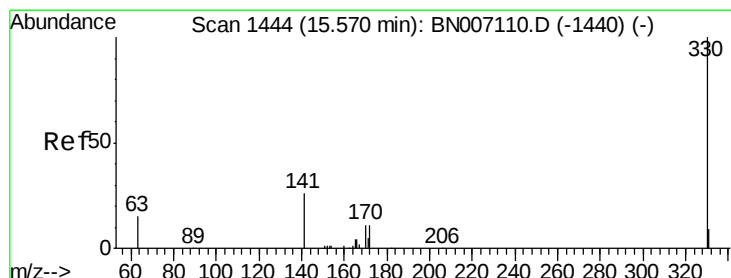
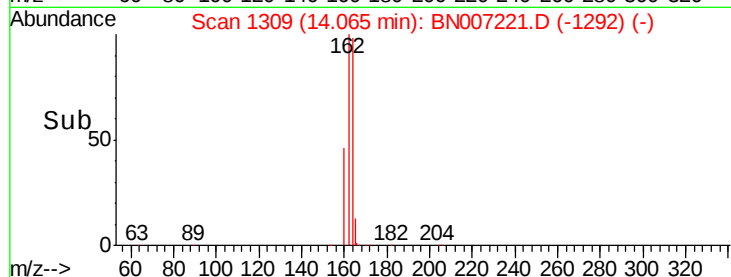
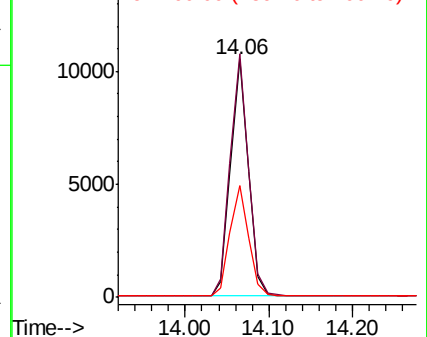


Abundance

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



#13

2,4,6-Tribromophenol

Concen: 0.165 ng

RT: 15.56 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

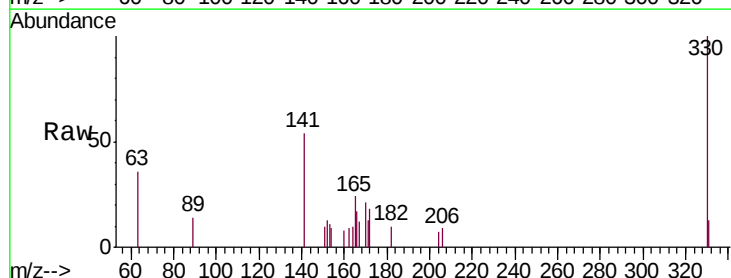
Tgt Ion:330 Resp: 1367

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 44.0 33.6 50.4

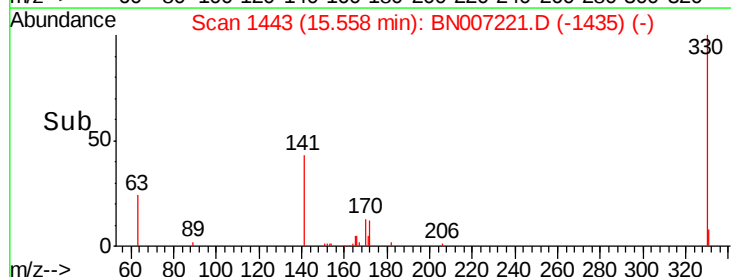
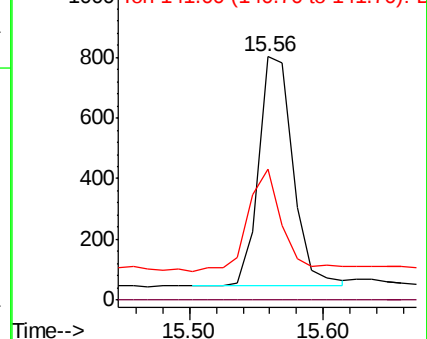


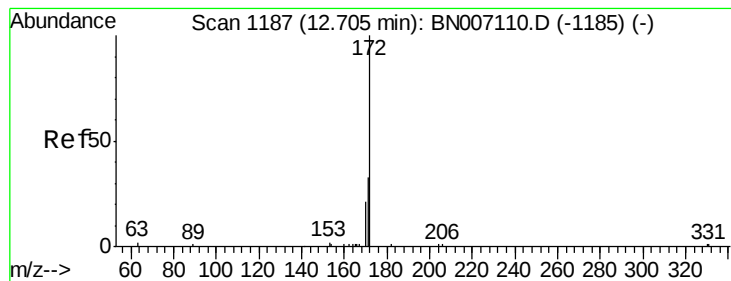
Abundance

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





#14

2-Fluorobiphenyl

Concen: 0.066 ng

RT: 12.71 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB122169BL

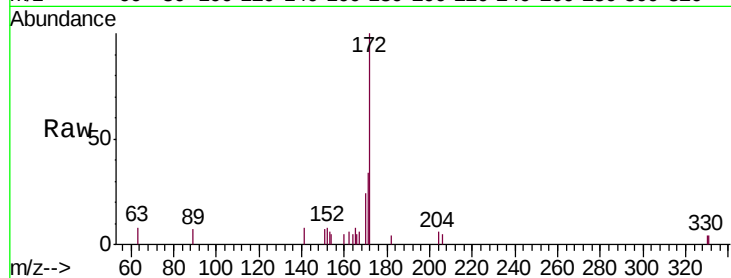
Tgt Ion:172 Resp: 1489

Ion Ratio Lower Upper

172 100

171 34.2 26.3 39.5

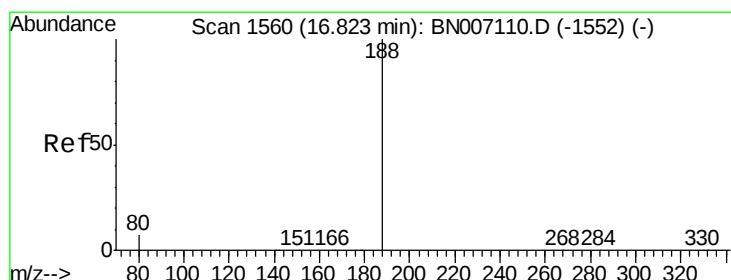
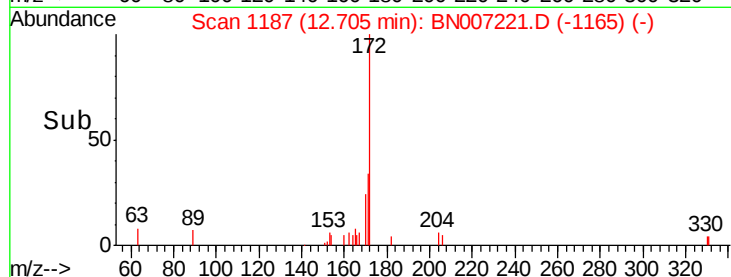
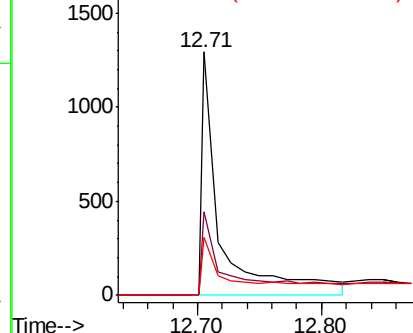
170 23.7 17.0 25.4



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

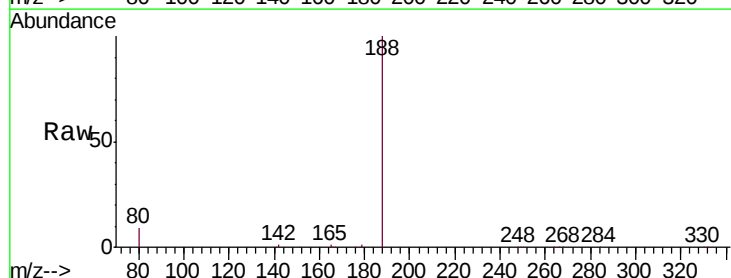
Tgt Ion:188 Resp: 38341

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

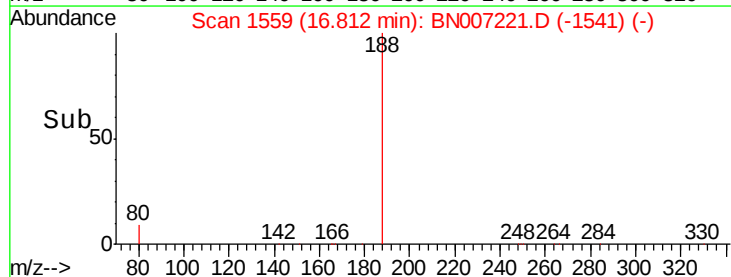
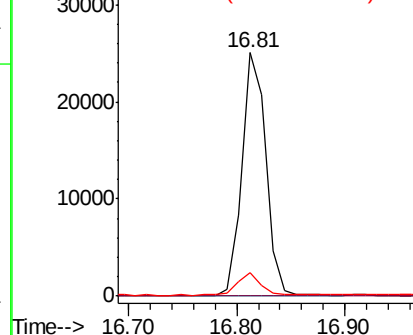
80 9.4 7.8 11.6

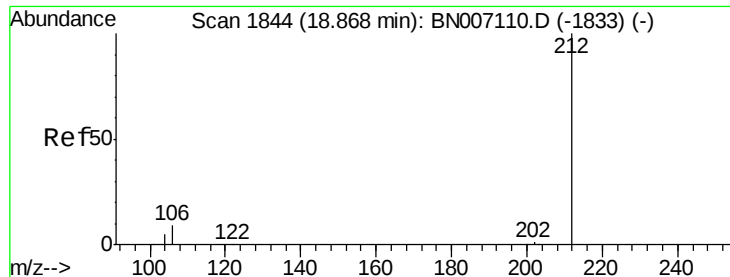


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#24

Fluoranthene-d10

Concen: 0.319 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

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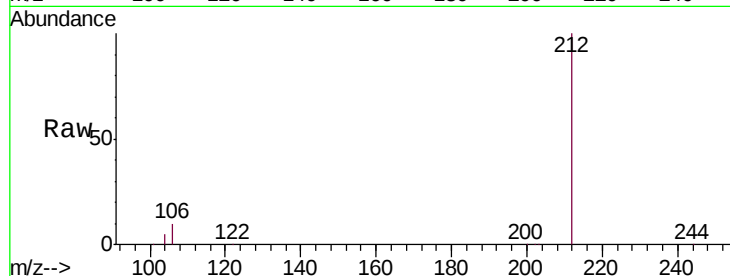
Tgt Ion:212 Resp: 43398

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

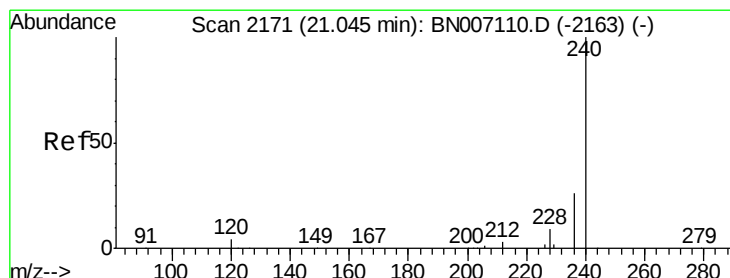
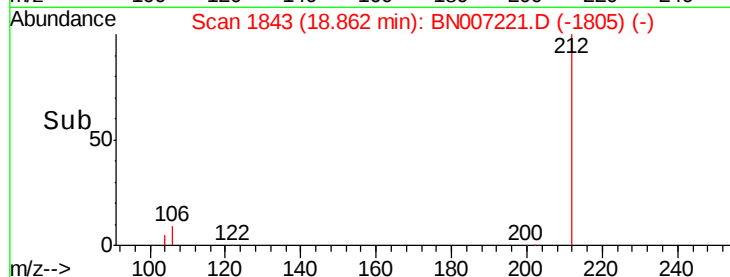
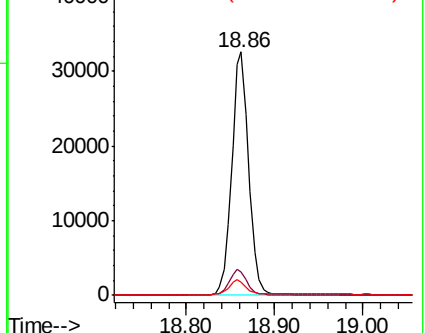
104 5.9 4.5 6.7



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

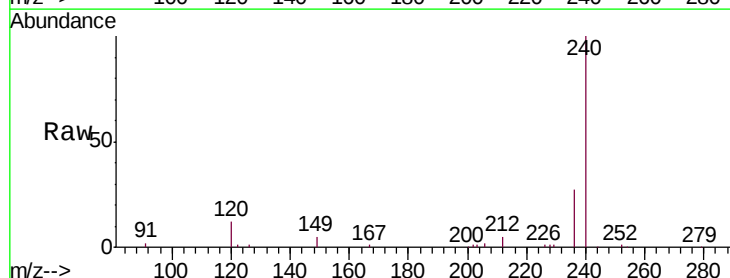
Tgt Ion:240 Resp: 38062

Ion Ratio Lower Upper

240 100

120 11.8 4.0 6.0#

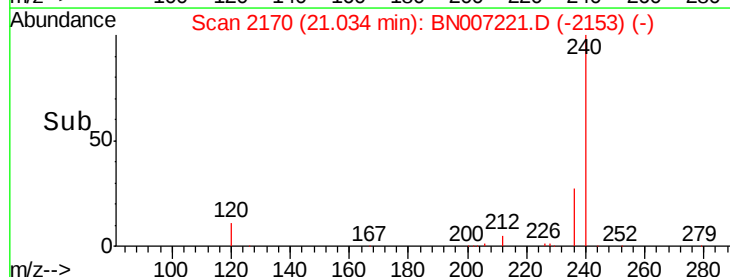
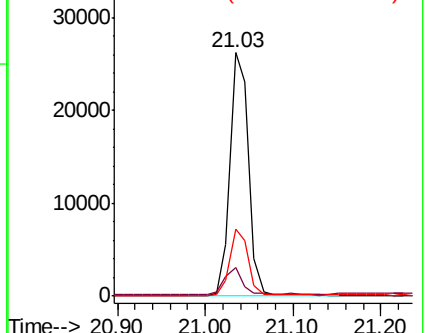
236 27.3 21.3 31.9

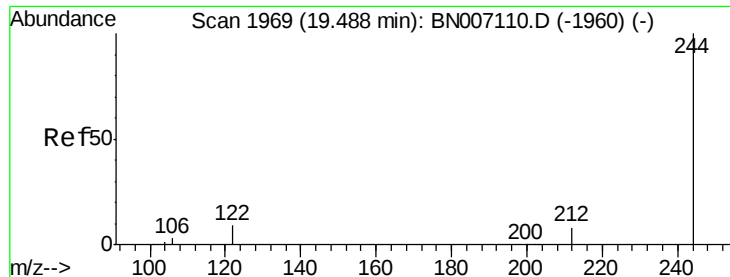


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.336 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

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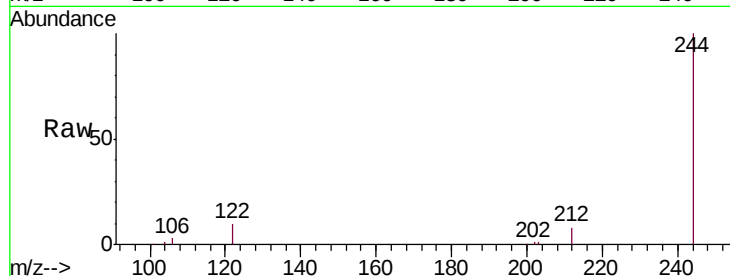
Tgt Ion:244 Resp: 34885

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

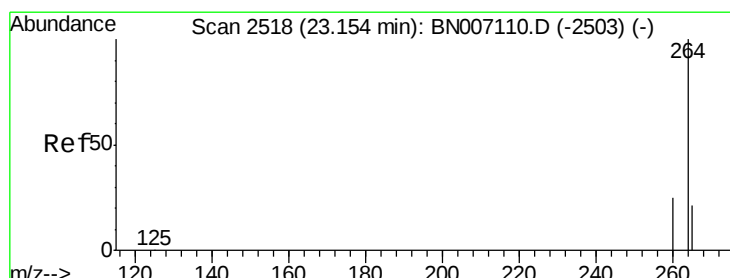
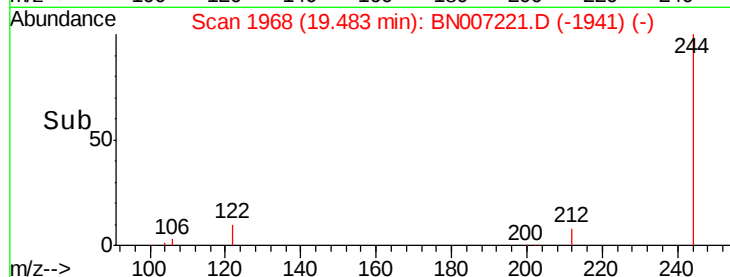
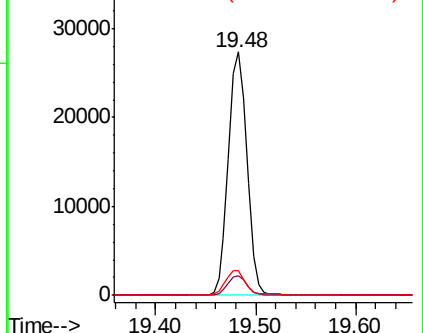
122 10.0 7.4 11.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BN007221.D

Acq: 16 Aug 2019 14:00

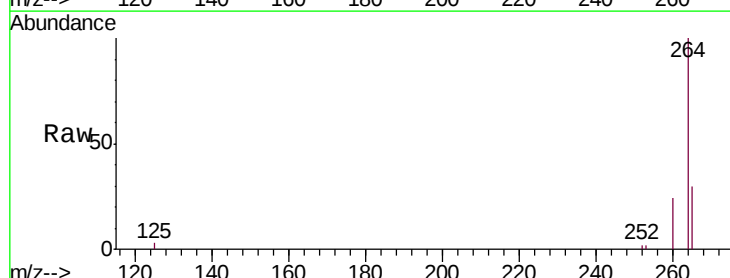
Tgt Ion:264 Resp: 43876

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 29.8 26.2 39.4



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

