

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004980.D
 Acq On : 26 Mar 2019 17:18
 Operator : JU/SJ
 Sample : PB118273BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118273BL

Quant Time: Mar 27 05:31:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	9682	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	37983	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	21601	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	49604	20.00	ng	0.00
76) Chrysene-d12	21.27	240	46598	20.00	ng	0.00
87) Perylene-d12	23.52	264	42901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	70661	126.18	ng	0.00
7) Phenol-d6	6.86	99	91414	123.07	ng	0.00
23) Nitrobenzene-d5	8.84	82	52523	83.65	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	45310	130.06	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	136931	84.00	ng	0.00
79) Terphenyl-d14	19.70	244	202210	83.55	ng	0.00

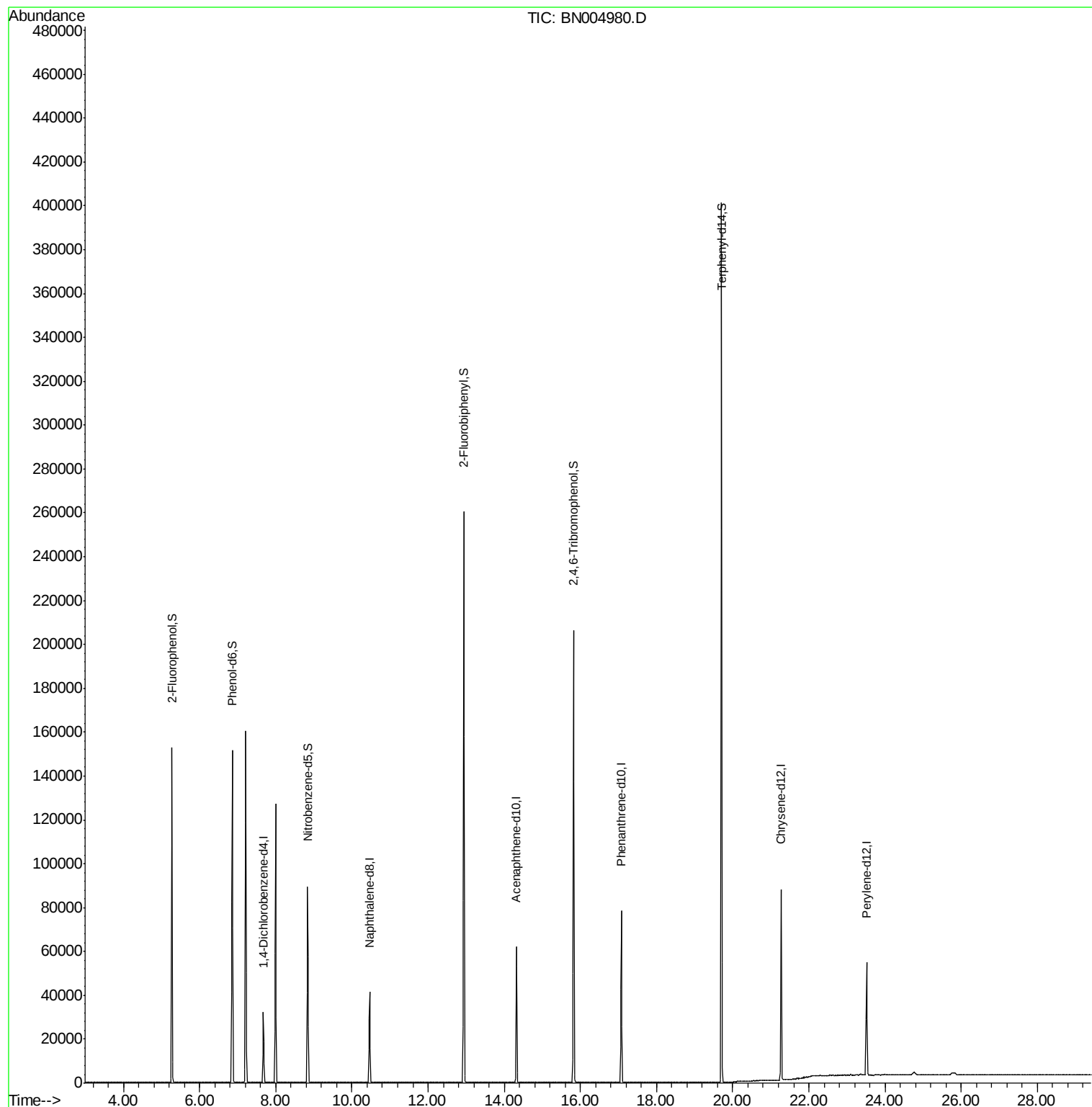
Target Compounds Qvalue

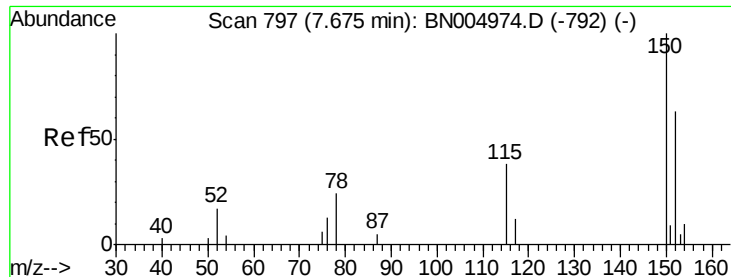
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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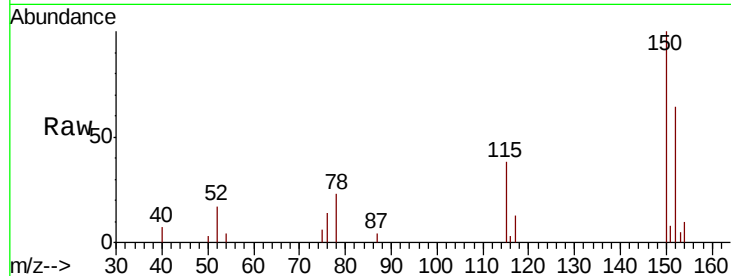




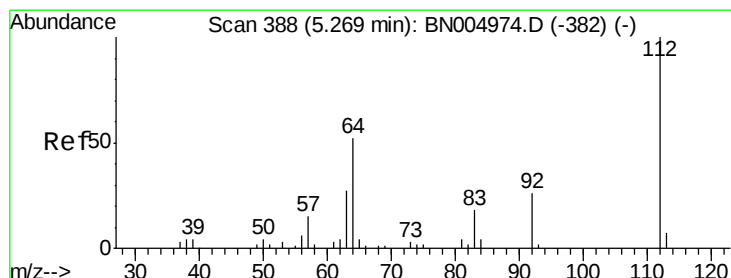
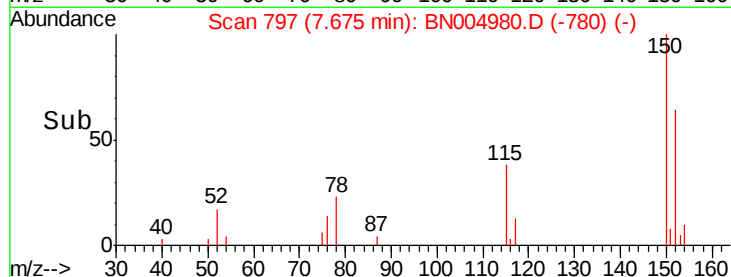
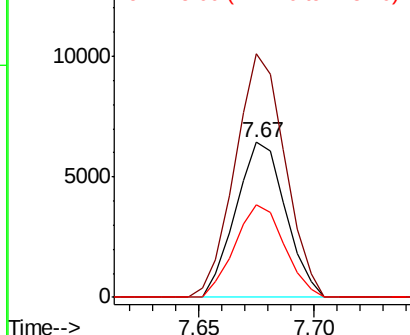
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.67 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BN004980.D
 Acq: 26 Mar 2019 17:18

Instrument :
 BNA_N
 ClientSampleId :
 PB118273BL

Tot Ion:152 Resp: 9682
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.9 190.3
 115 59.4 47.8 71.6

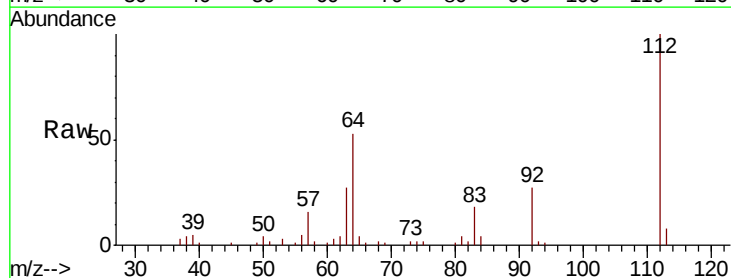


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

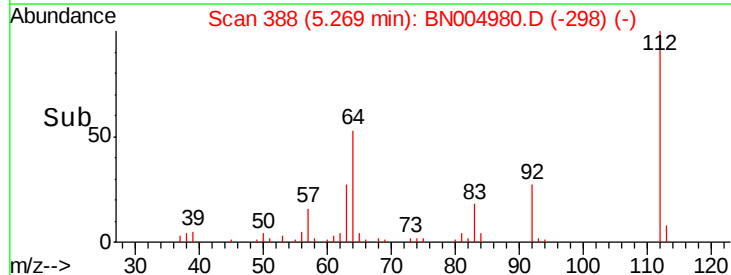
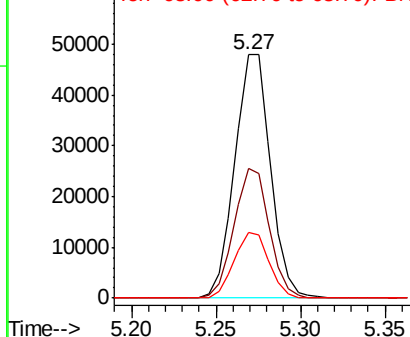


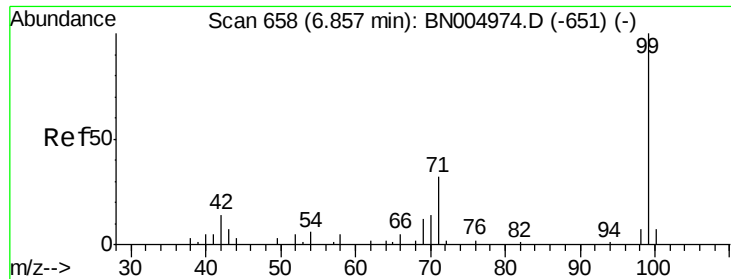
#5
 2-Fluorophenol
 Concen: 126.178 ng
 RT: 5.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BN004980.D
 Acq: 26 Mar 2019 17:18

Tgt Ion:112 Resp: 70661
 Ion Ratio Lower Upper
 112 100
 64 53.4 41.9 62.9
 63 27.2 21.4 32.0



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





#7

Phenol-d6

Concen: 123.073 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

Instrument :

BNA_N

ClientSampleId :

PB118273BL

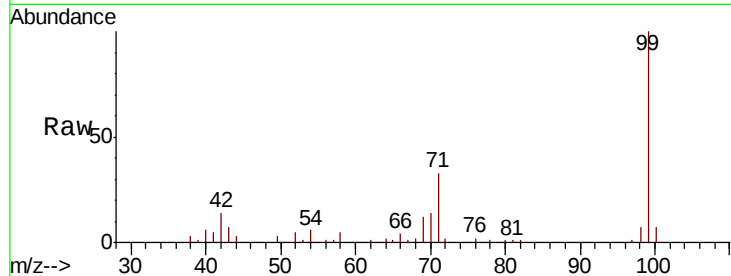
Tot Ion: 99 Resp: 91414

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

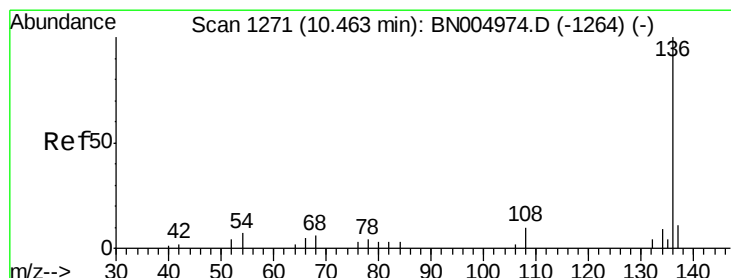
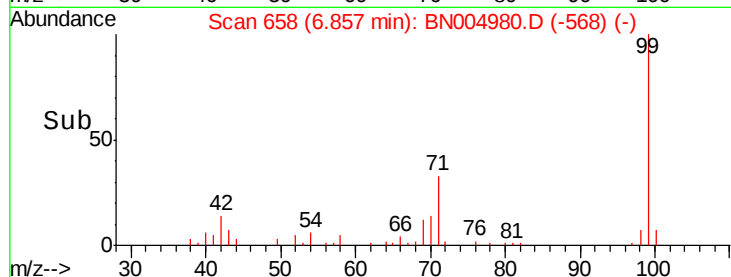
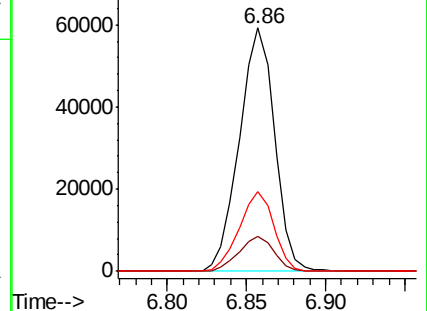
71 33.0 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

Tgt Ion: 136 Resp: 37983

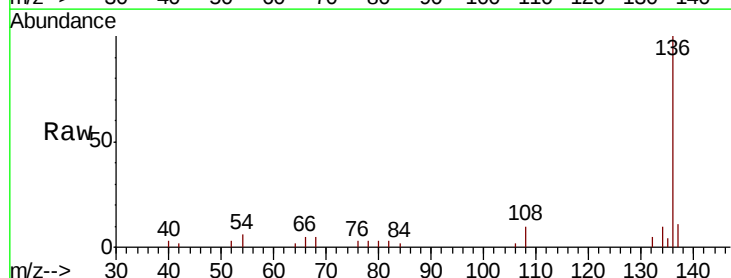
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 5.3 7.9

68 5.4 4.6 6.8

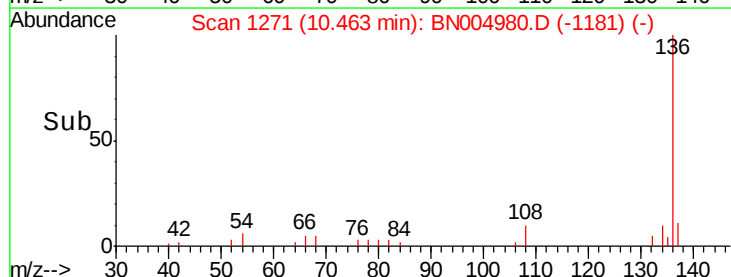
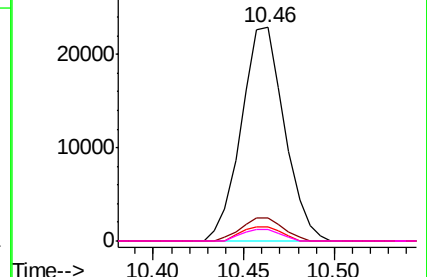


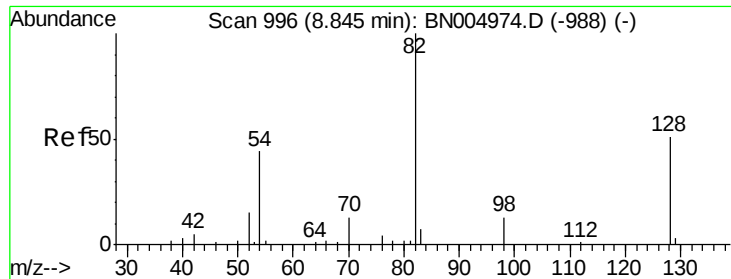
Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004974.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004974.D (-1264) (-)





#23

Nitrobenzene-d5

Concen: 83.648 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

Instrument :

BNA_N

ClientSampleId :

PB118273BL

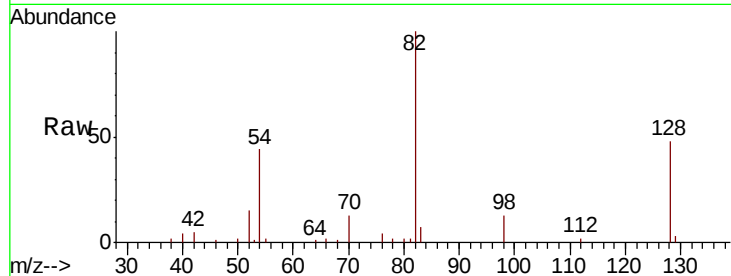
Tot Ion: 82 Resp: 52523

Ion Ratio Lower Upper

82 100

128 47.8 40.6 60.8

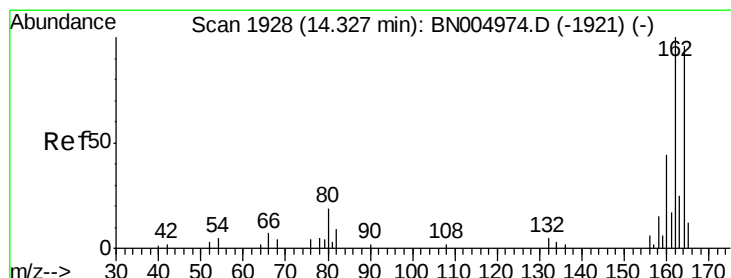
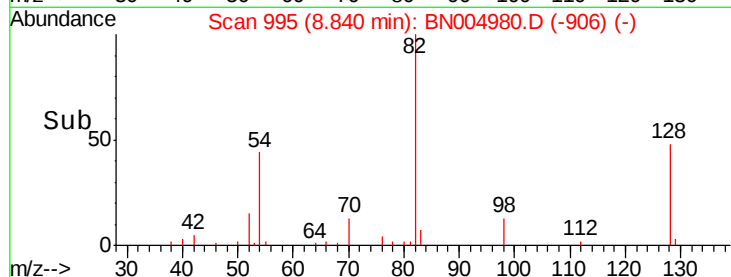
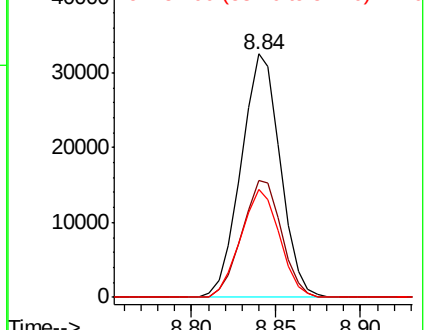
54 44.4 35.2 52.8



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

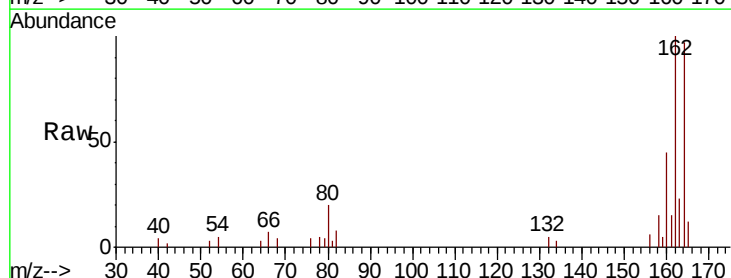
Tgt Ion:164 Resp: 21601

Ion Ratio Lower Upper

164 100

162 102.9 83.4 125.0

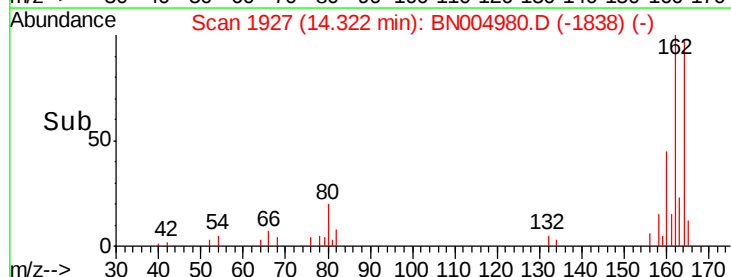
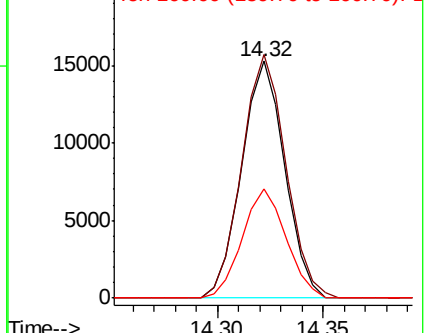
160 45.9 36.6 55.0

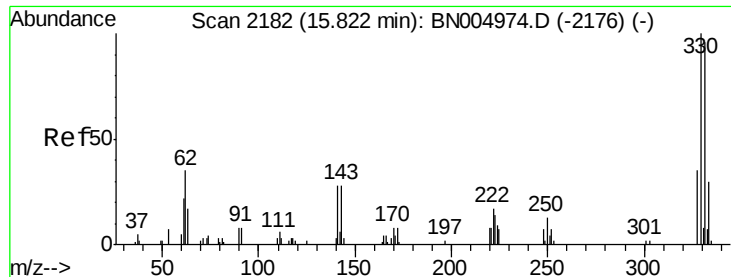


Abundance Ion 164.00 (163.70 to 164.70): BNC

Ion 162.00 (161.70 to 162.70): BNC

Ion 160.00 (159.70 to 160.70): BNC





#42

2,4,6-Tribromophenol

Concen: 130.058 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

Instrument :

BNA_N

ClientSampleId :

PB118273BL

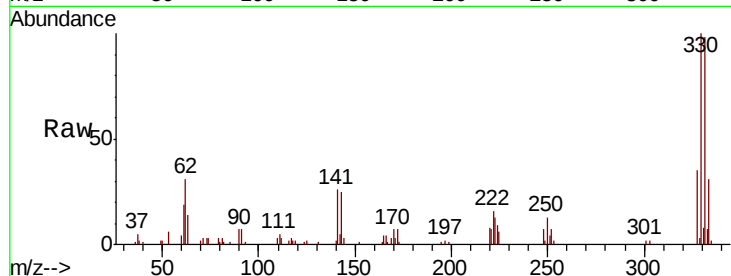
Tot Ion:330 Resp: 45310

Ion Ratio Lower Upper

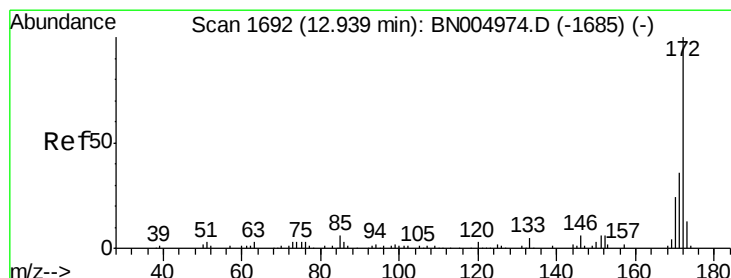
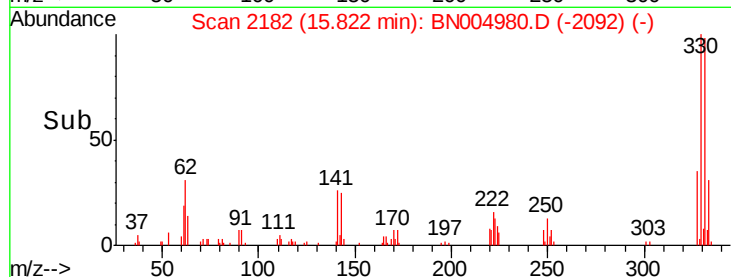
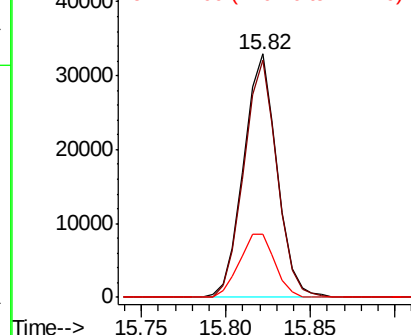
330 100

332 96.6 77.4 116.0

141 27.3 22.1 33.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 84.001 ng

RT: 12.93 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

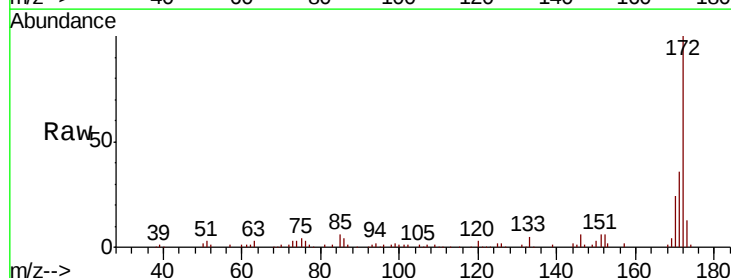
Tgt Ion:172 Resp: 136931

Ion Ratio Lower Upper

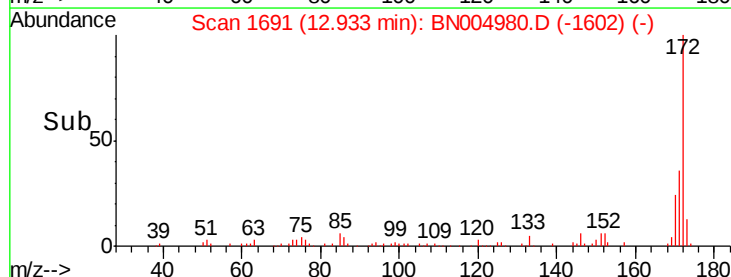
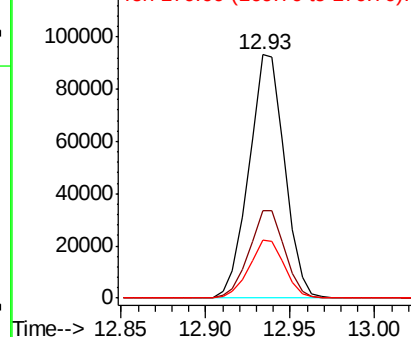
172 100

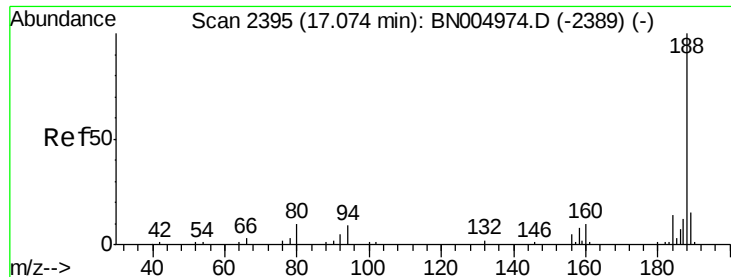
171 36.0 28.6 42.8

170 23.6 18.9 28.3



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

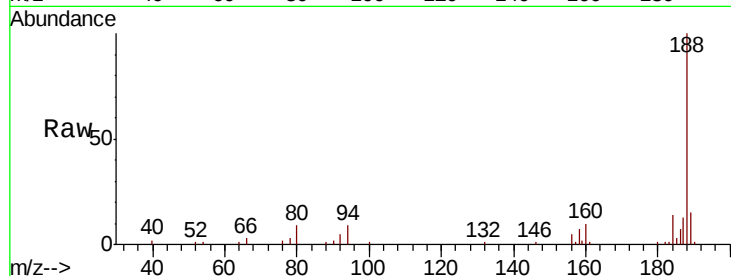




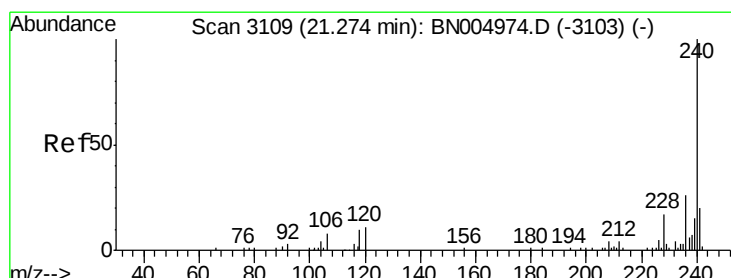
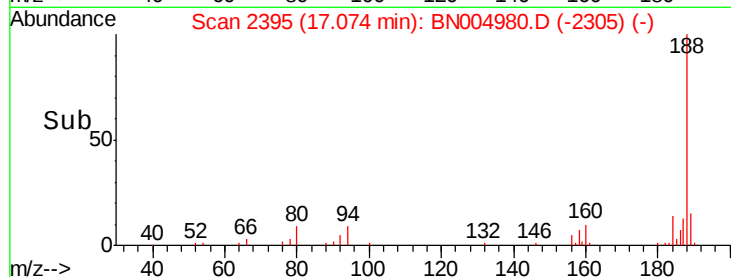
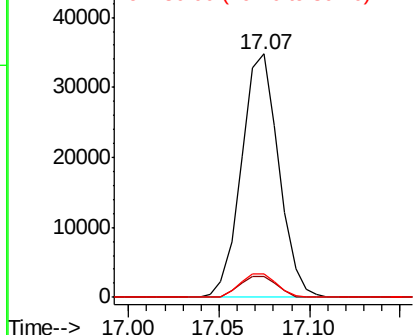
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tot Ion:188 Resp: 49604
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.4 7.8 11.6

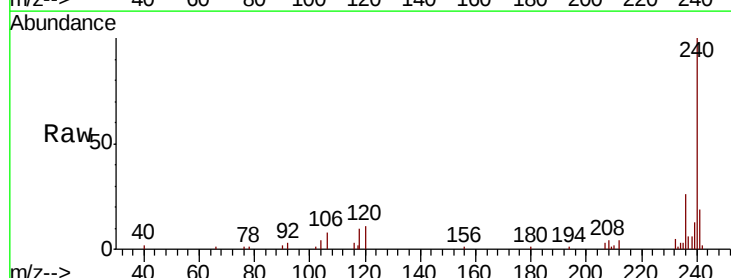


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

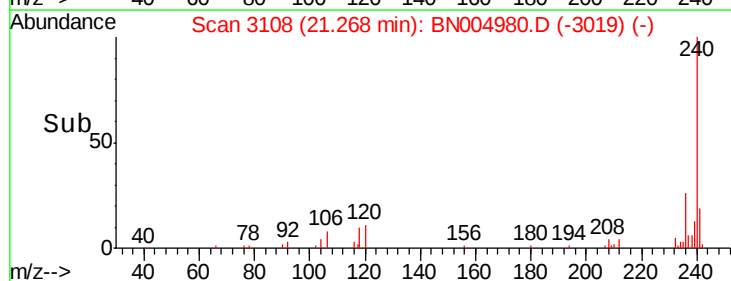
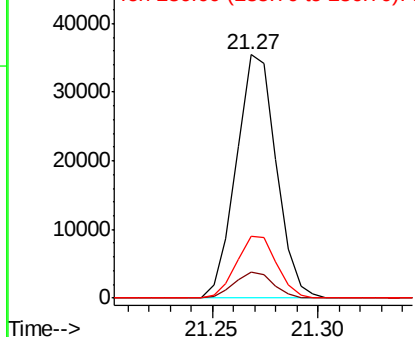


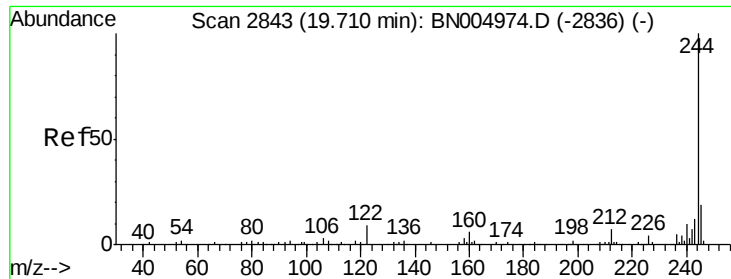
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:240 Resp: 46598
Ion Ratio Lower Upper
240 100
120 10.8 8.5 12.7
236 25.6 21.2 31.8



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





#79

Terphenyl-d14

Concen: 83.545 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

Instrument :

BNA_N

ClientSampleId :

PB118273BL

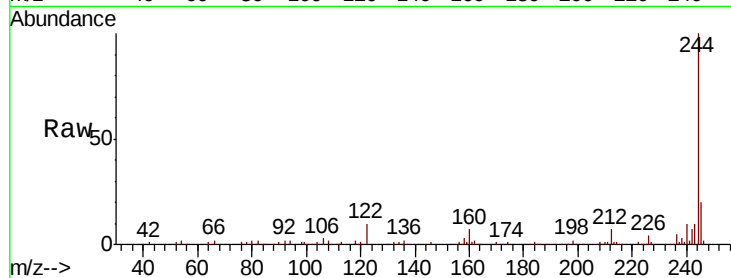
Tot Ion:244 Resp: 202210

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

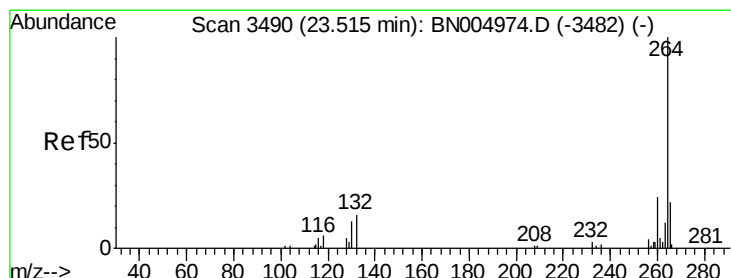
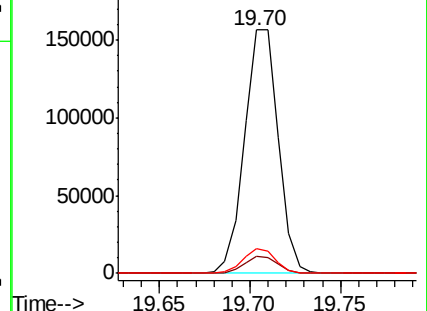
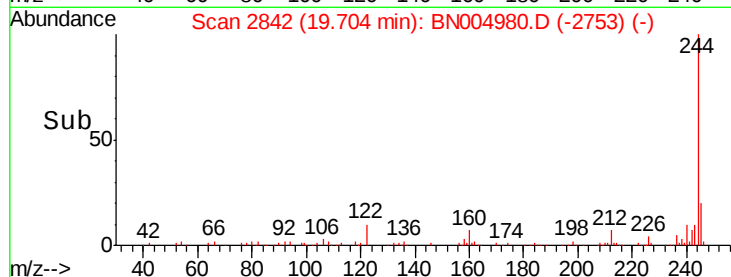
122 10.3 7.4 11.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BN004980.D

Acq: 26 Mar 2019 17:18

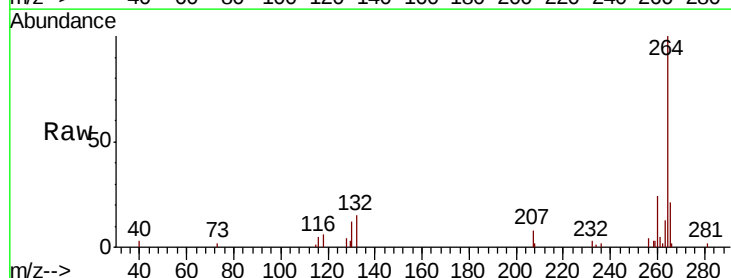
Tgt Ion:264 Resp: 42901

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.3 17.2 25.8



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

