

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005073.D
 Acq On : 03 Apr 2019 22:27
 Operator : JU/SJ
 Sample : K2197-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CL-02-040219-B

Quant Time: Apr 04 04:49:45 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	7.65	152	8951	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	35197	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	20190	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	46054	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	47760	20.00	ng	-0.02
87) Perylene-d12	23.48	264	44238	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	62287	120.31	ng	-0.02
7) Phenol-d6	6.83	99	71037	103.45	ng	-0.02
23) Nitrobenzene-d5	8.82	82	52770	90.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	50509	155.11	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	140913	92.49	ng	-0.02
79) Terphenyl-d14	19.69	244	239545	96.56	ng	-0.02

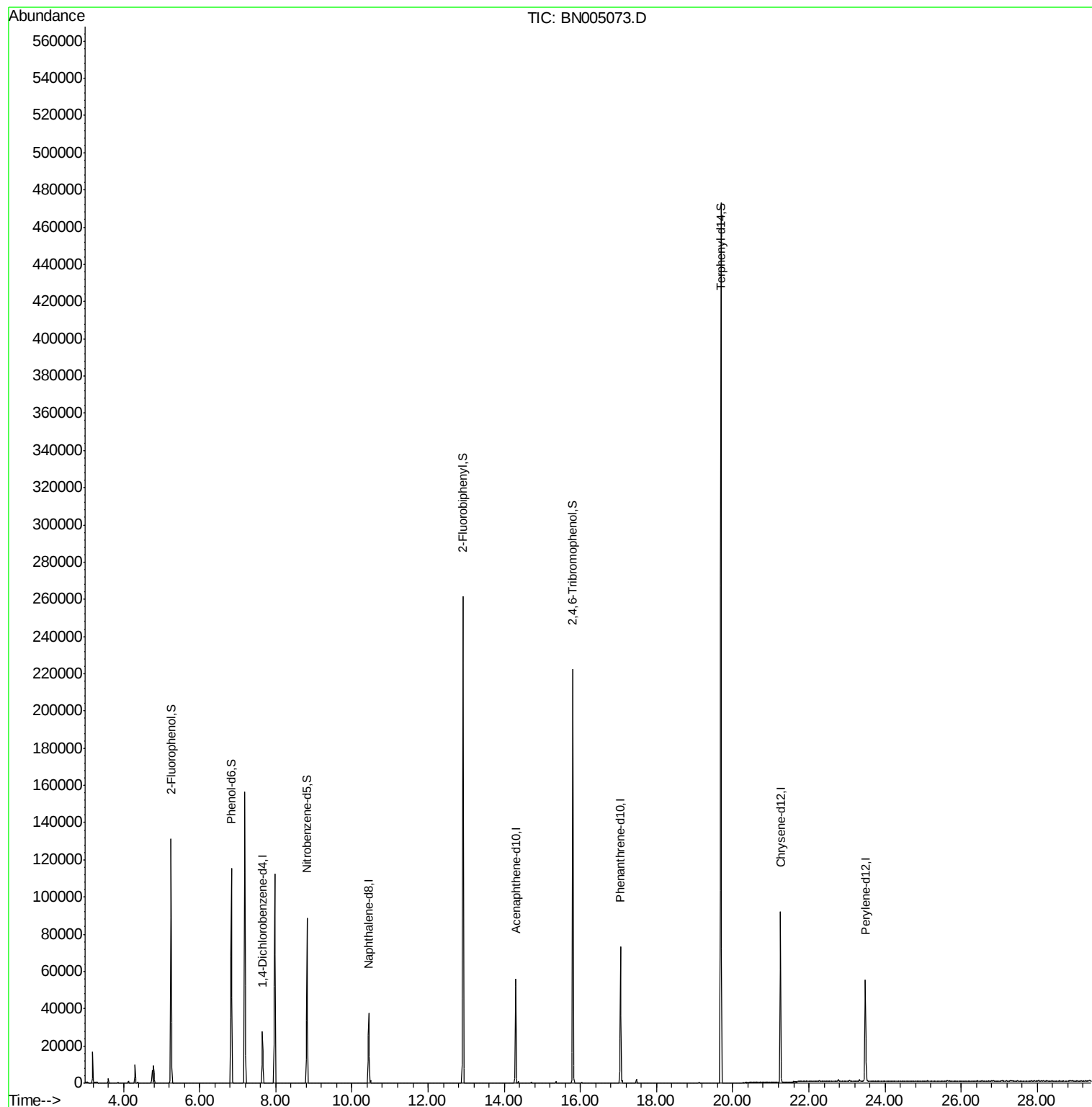
Target Compounds Qvalue

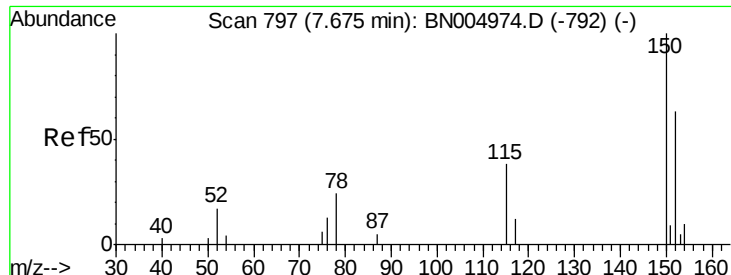
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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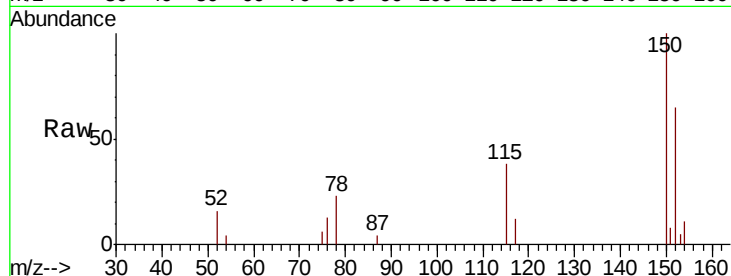


#1

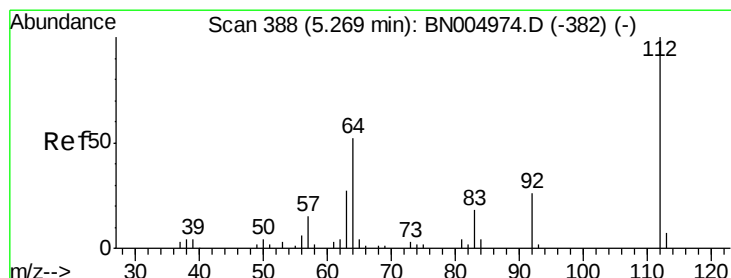
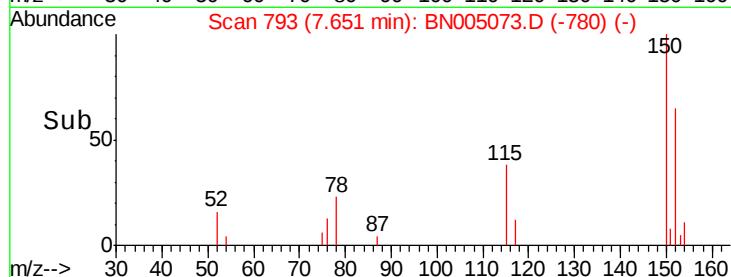
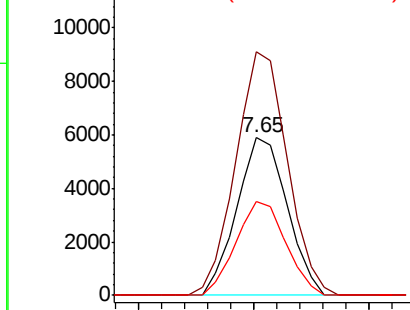
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tot Ion:152 Resp: 8951
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 59.2 47.8 71.6



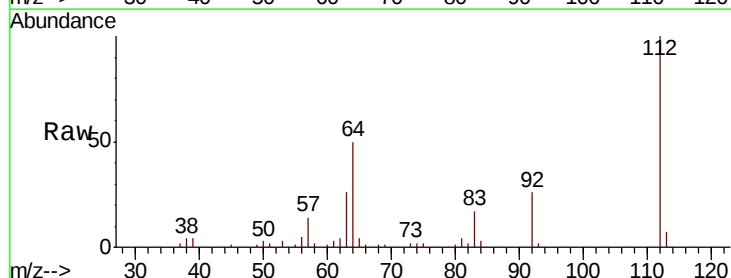
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



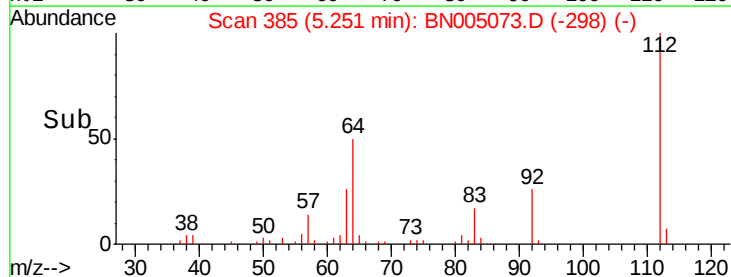
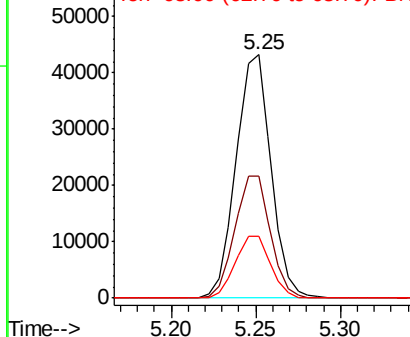
#5

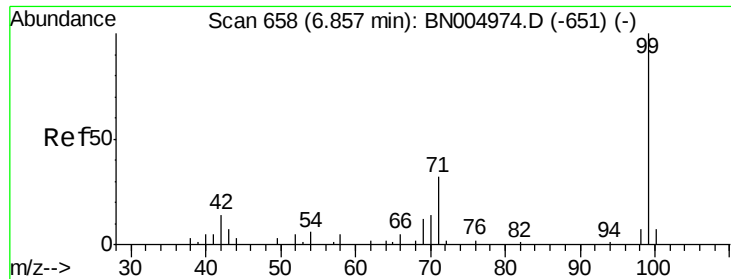
2-Fluorophenol
Concen: 120.308 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:112 Resp: 62287
Ion Ratio Lower Upper
112 100
64 50.1 41.9 62.9
63 25.7 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: 103.449 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005073.D

Acq: 03 Apr 2019 22:27

Instrument :

BNA_N

ClientSampleId :

CL-02-040219-B

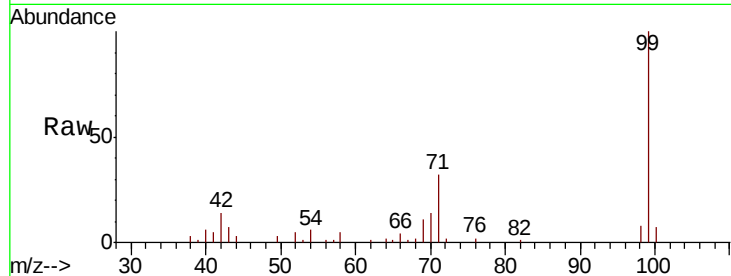
Tot Ion: 99 Resp: 71037

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

71 32.3 25.8 38.8

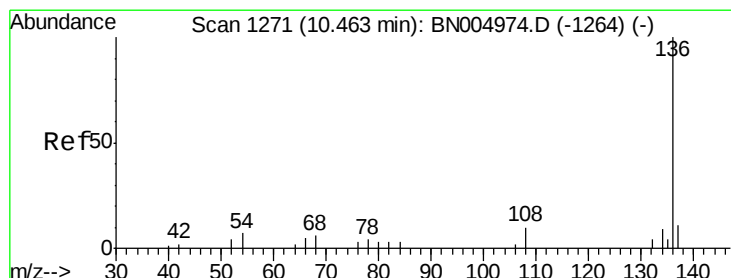
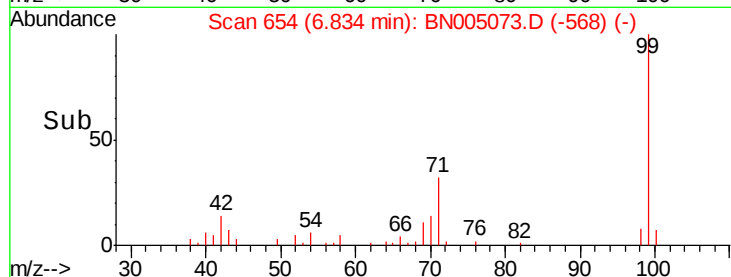
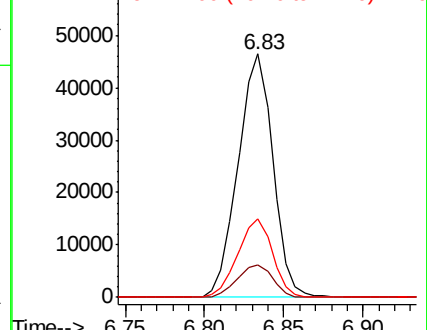


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BN005073.D

Acq: 03 Apr 2019 22:27

Tgt Ion: 136 Resp: 35197

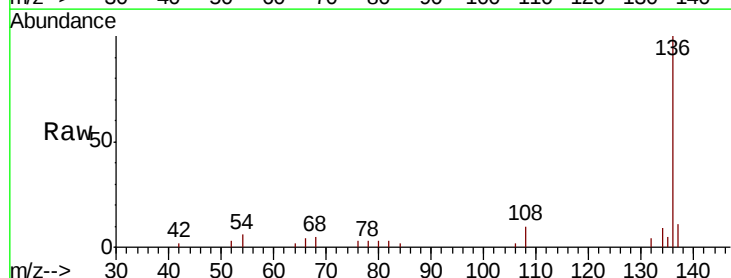
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.0 5.3 7.9

68 5.1 4.6 6.8



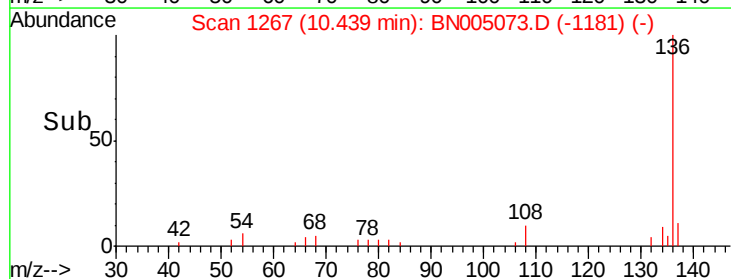
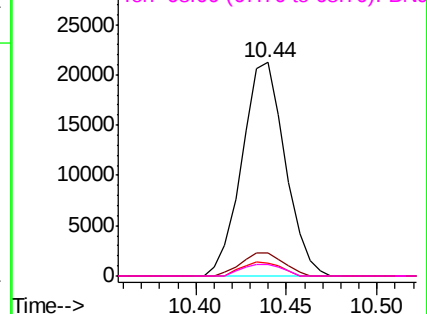
Abundance

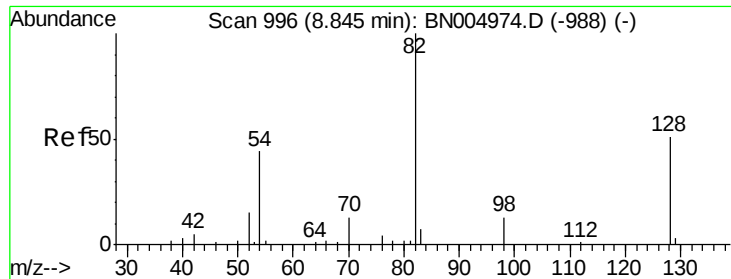
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

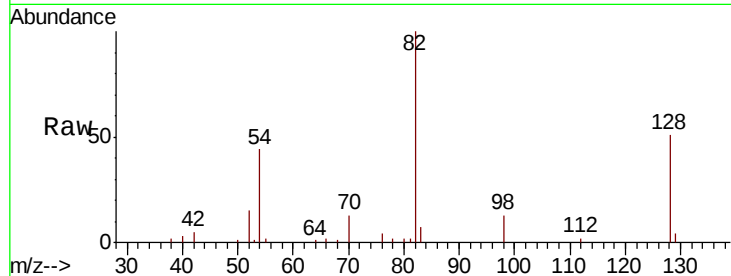




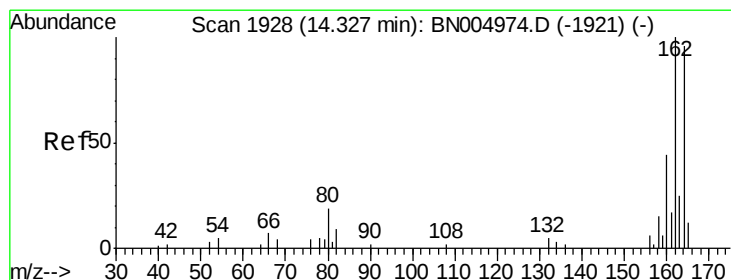
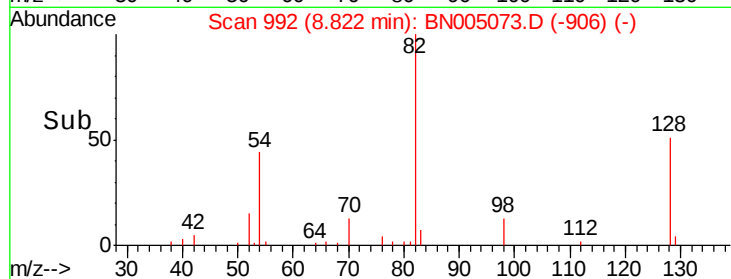
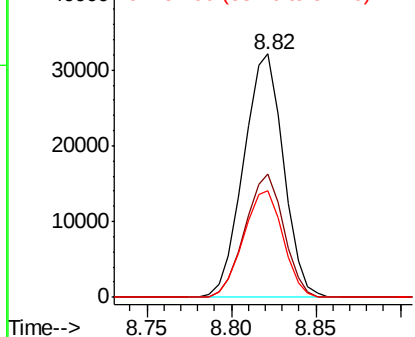
#23
Nitrobenzene-d5
Concen: 90.693 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tot Ion: 82 Resp: 52770
Ion Ratio Lower Upper
82 100
128 50.6 40.6 60.8
54 43.6 35.2 52.8

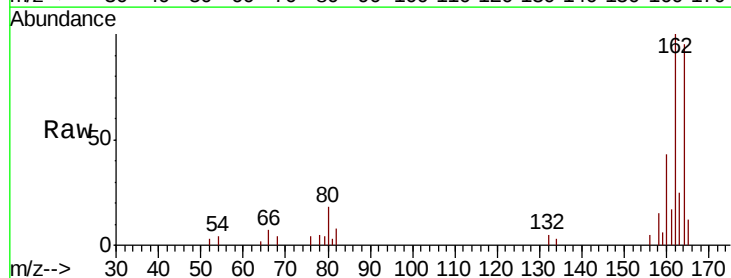


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

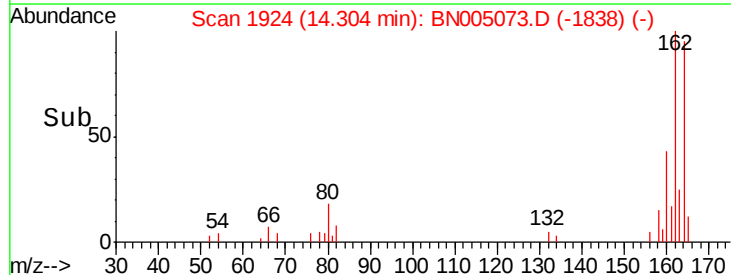
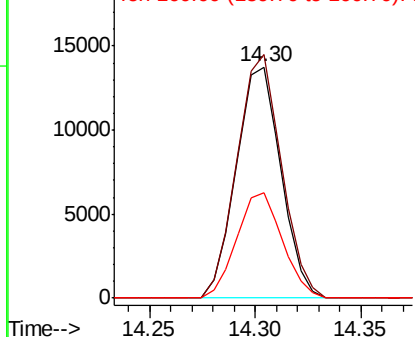


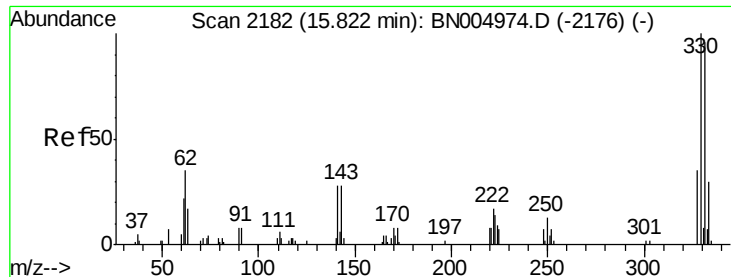
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:164 Resp: 20190
Ion Ratio Lower Upper
164 100
162 105.5 83.4 125.0
160 45.7 36.6 55.0



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

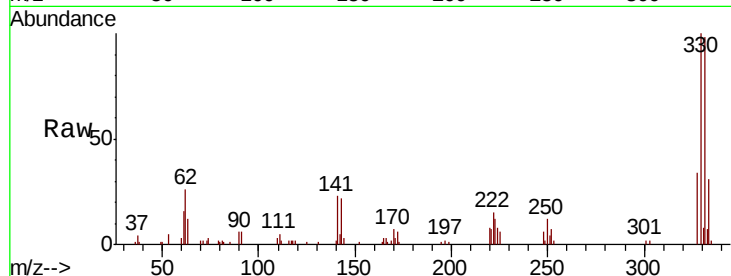




#42
 2,4,6-Tribromophenol
 Concen: 155.113 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BN005073.D
 Acq: 03 Apr 2019 22:27

Instrument :
 BNA_N
 ClientSampleId :
 CL-02-040219-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	24.9	22.1	33.1

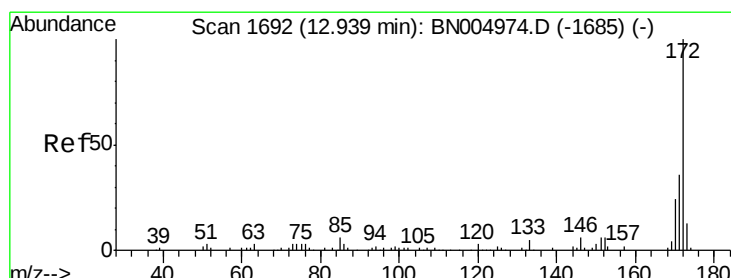
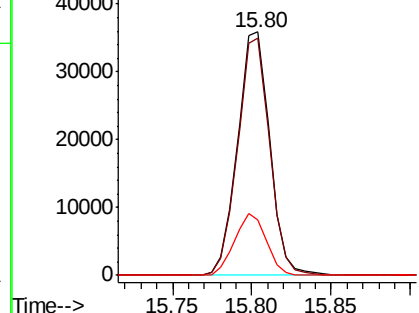
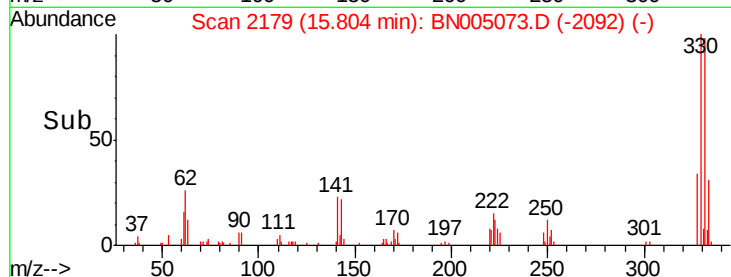


Abundance

Ion 329.80 (329.50 to 330.50): E

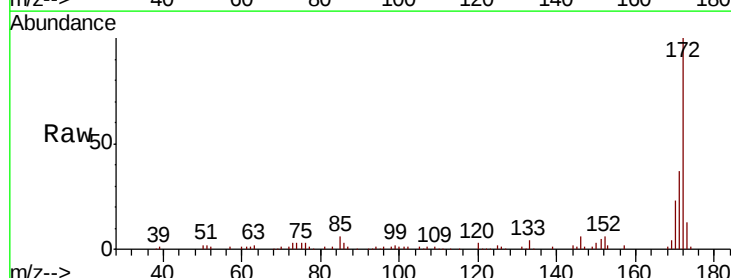
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.485 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005073.D
 Acq: 03 Apr 2019 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	23.5	18.9	28.3

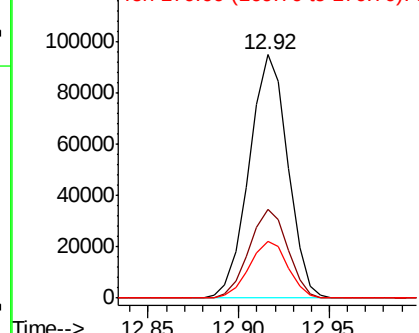
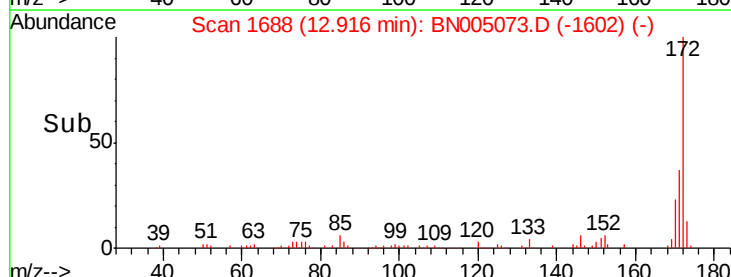


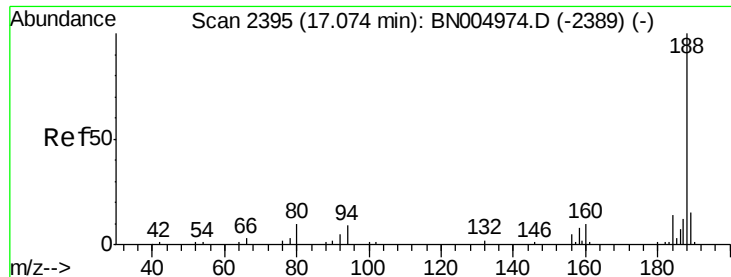
Abundance

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: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005073.D

Acq: 03 Apr 2019 22:27

Instrument :

BNA_N

ClientSampleId :

CL-02-040219-B

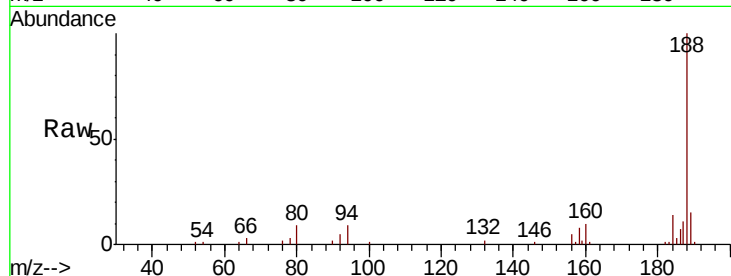
Tot Ion:188 Resp: 46054

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

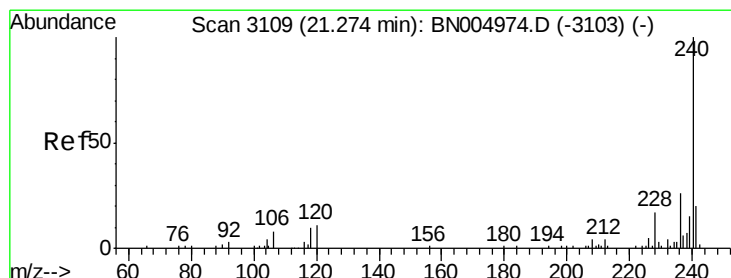
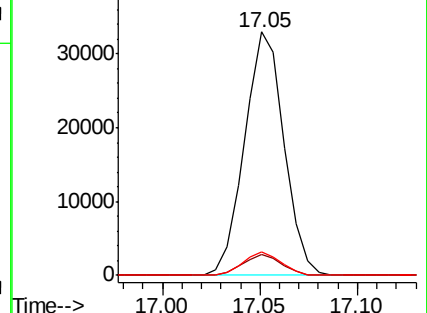
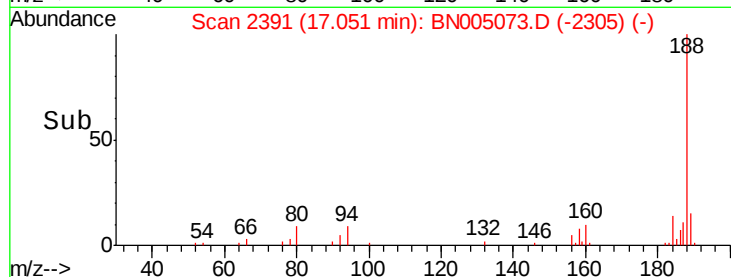
80 9.5 7.8 11.6



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: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BN005073.D

Acq: 03 Apr 2019 22:27

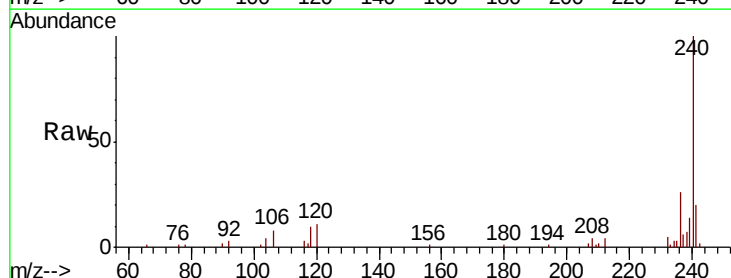
Tgt Ion:240 Resp: 47760

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

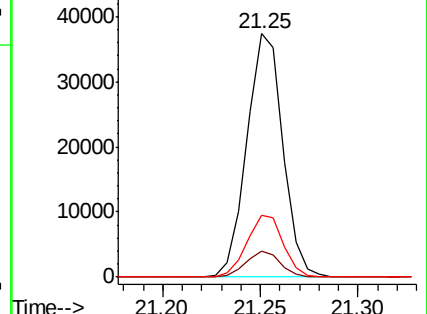
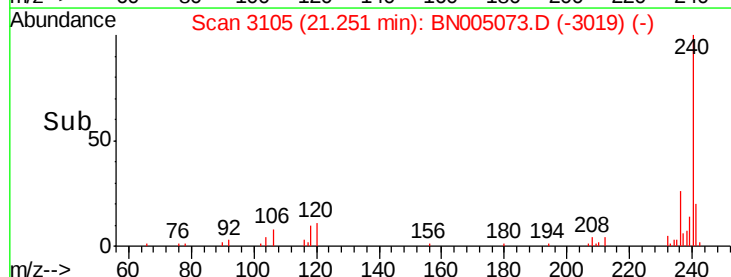
236 25.6 21.2 31.8

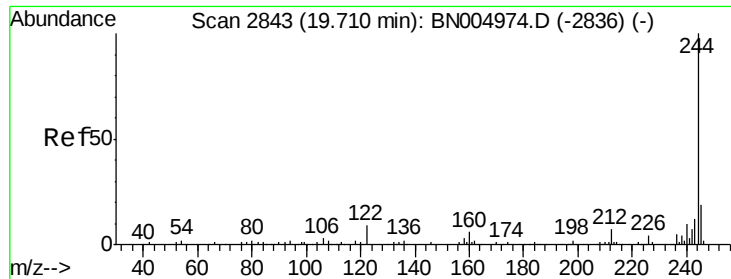


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.563 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005073.D

Acq: 03 Apr 2019 22:27

Instrument :

BNA_N

ClientSampleId :

CL-02-040219-B

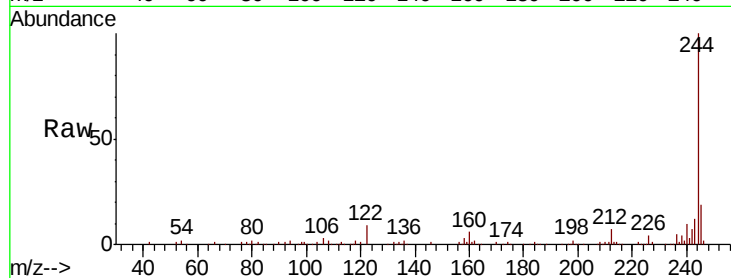
Tot Ion:244 Resp: 239545

Ion Ratio Lower Upper

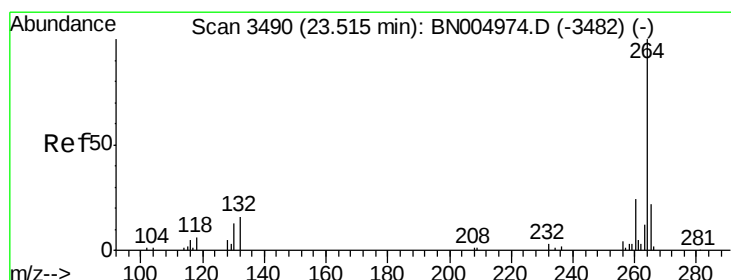
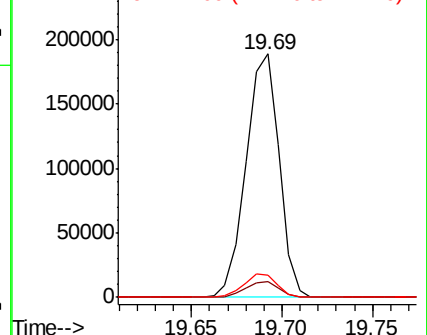
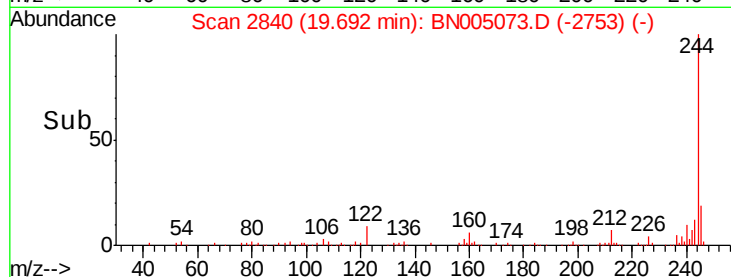
244 100

212 6.6 5.4 8.0

122 9.1 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: 23.48 min Scan# 3484

Delta R.T. -0.04 min

Lab File: BN005073.D

Acq: 03 Apr 2019 22:27

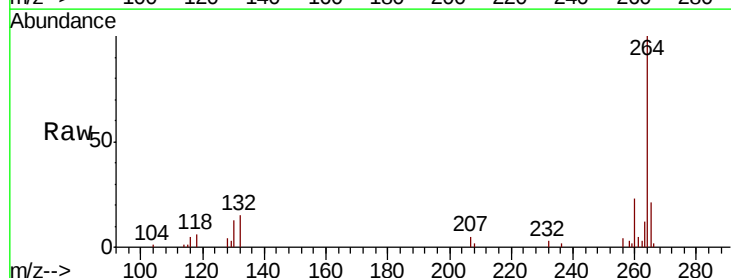
Tgt Ion:264 Resp: 44238

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.5 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

