

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005079.D
 Acq On : 04 Apr 2019 03:08
 Operator : JU/SJ
 Sample : K2213-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S9A-S9B-S9C

Quant Time: Apr 04 04:54:38 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	9121	20.00	ng	-0.03
21) Naphthalene-d8	10.43	136	36057	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	21161	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	47855	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	53729	20.00	ng	-0.02
87) Perylene-d12	23.49	264	53296	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	76530	145.06	ng	-0.03
7) Phenol-d6	6.83	99	91303	130.48	ng	-0.03
23) Nitrobenzene-d5	8.82	82	60747	101.91	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	59969	175.71	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	168895	105.76	ng	-0.02
79) Terphenyl-d14	19.69	244	290521	104.10	ng	-0.02

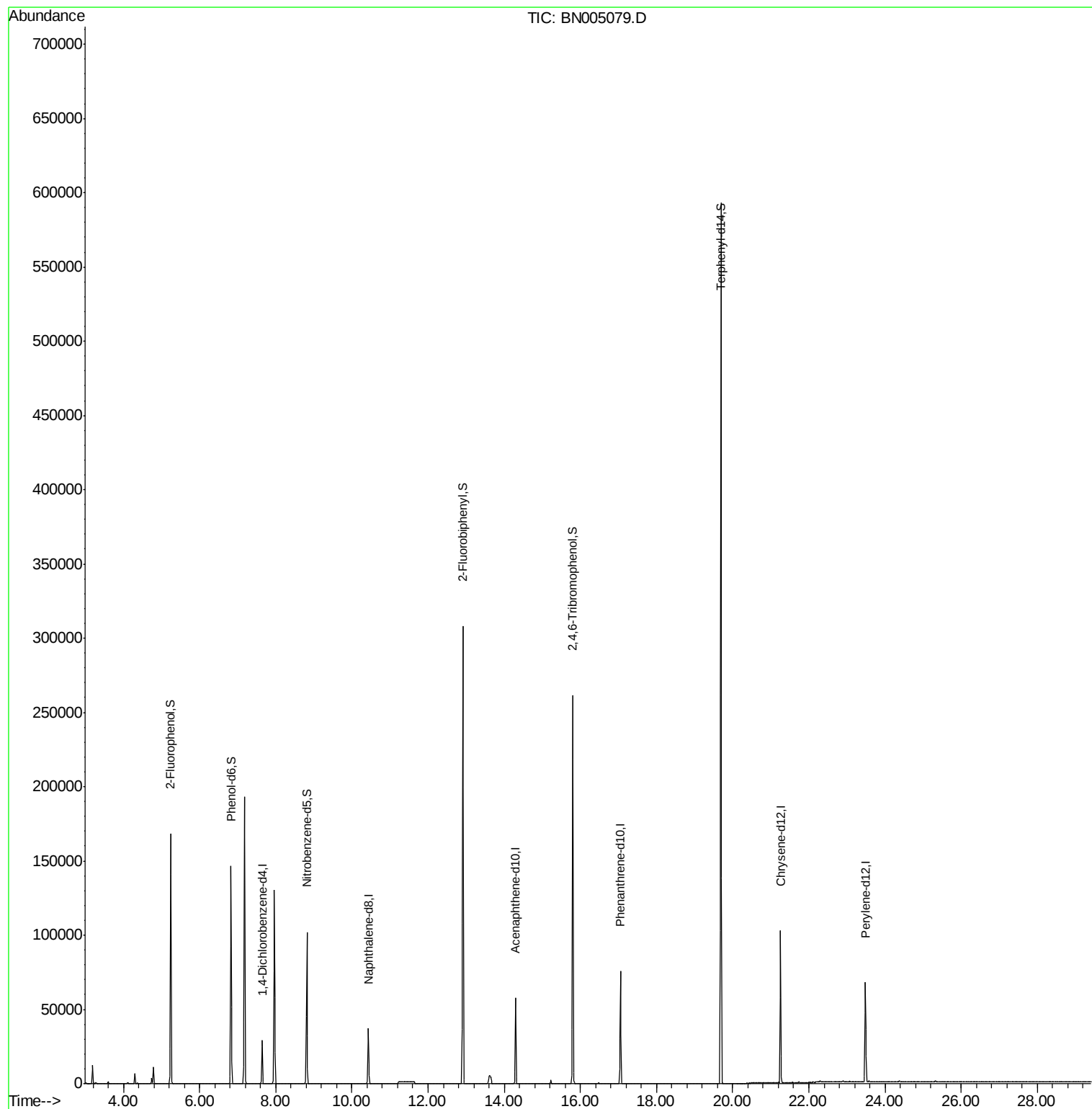
Target Compounds Qvalue

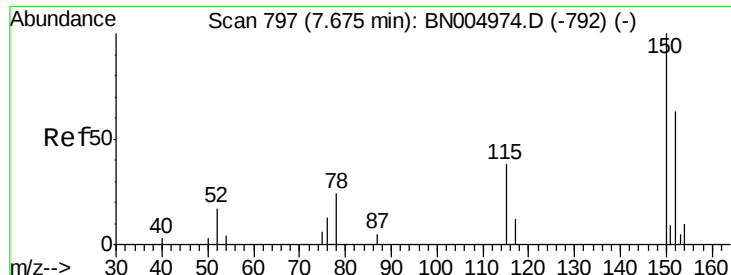
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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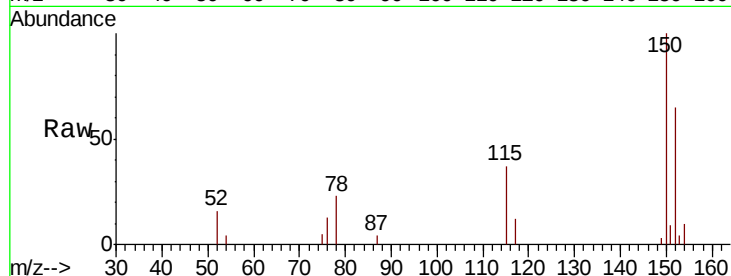




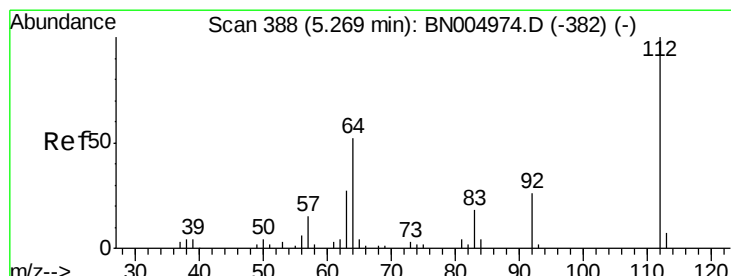
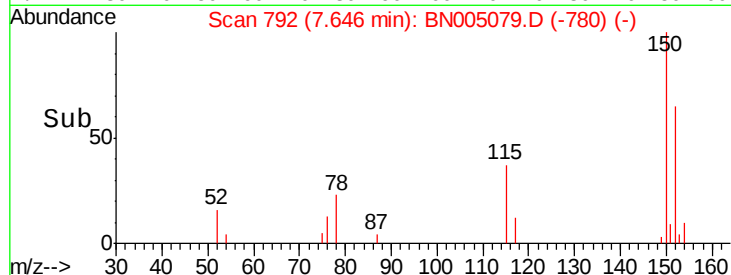
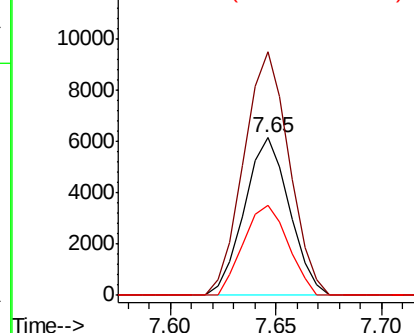
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BN005079.D
 Acq: 04 Apr 2019 03:08

Instrument :
 BNA_N
 ClientSampleId :
 S9A-S9B-S9C

Tot Ion:152 Resp: 9121
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.9 190.3
 115 56.9 47.8 71.6

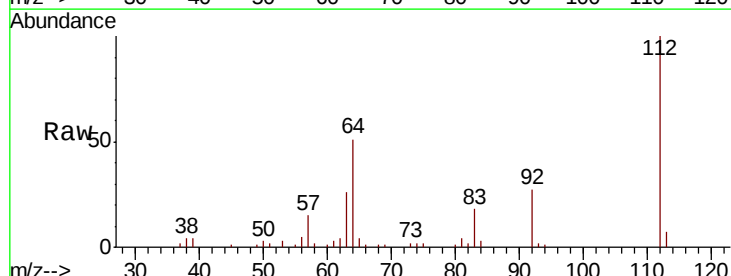


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

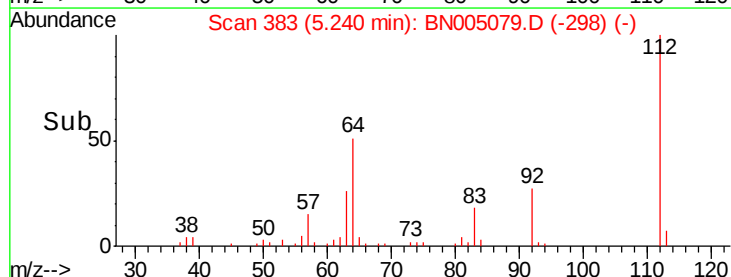
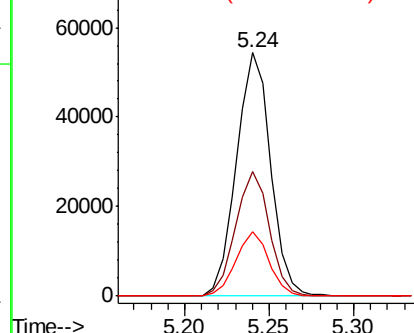


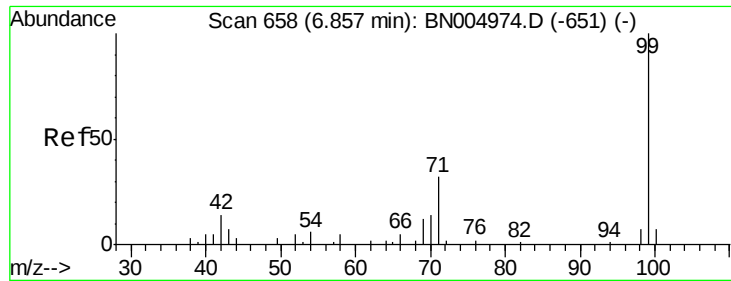
#5
 2-Fluorophenol
 Concen: 145.064 ng
 RT: 5.24 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: BN005079.D
 Acq: 04 Apr 2019 03:08

Tgt Ion:112 Resp: 76530
 Ion Ratio Lower Upper
 112 100
 64 51.4 41.9 62.9
 63 26.3 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: 130.484 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005079.D

Acq: 04 Apr 2019 03:08

Instrument :

BNA_N

ClientSampleId :

S9A-S9B-S9C

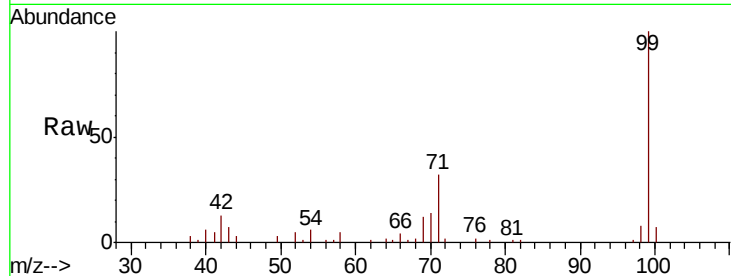
Tot Ion: 99 Resp: 91303

Ion Ratio Lower Upper

99 100

42 13.3 11.4 17.0

71 32.3 25.8 38.8

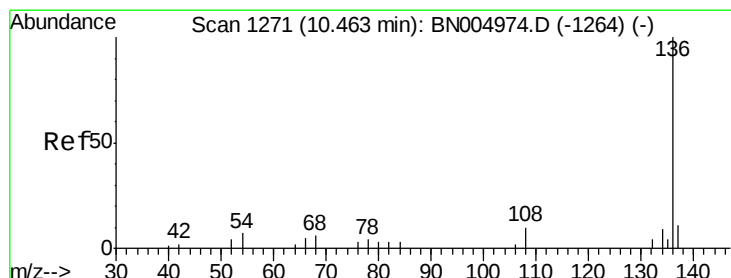
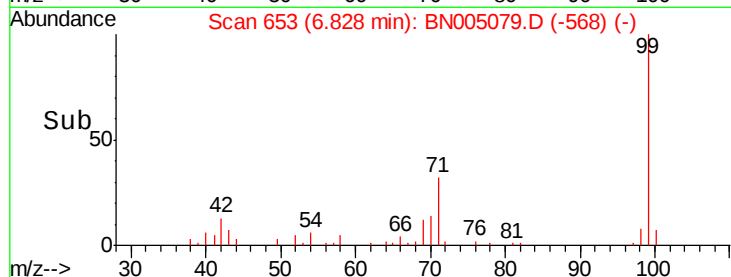
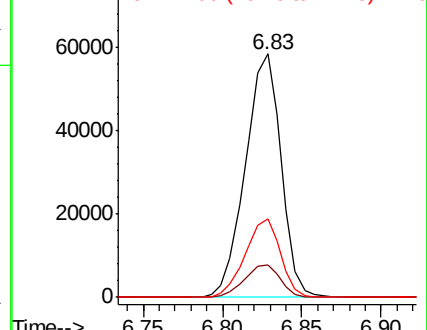


Abundance

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: 10.43 min Scan# 1265

Delta R.T. -0.03 min

Lab File: BN005079.D

Acq: 04 Apr 2019 03:08

Tgt Ion: 136 Resp: 36057

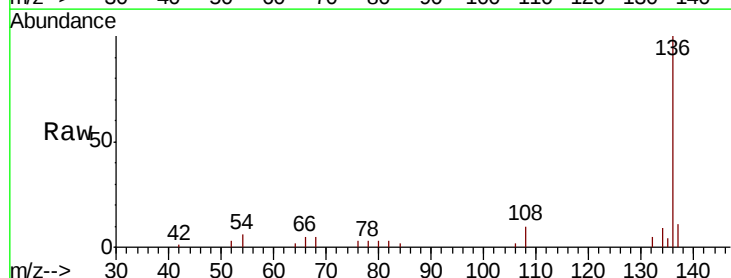
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 5.3 7.9

68 5.3 4.6 6.8



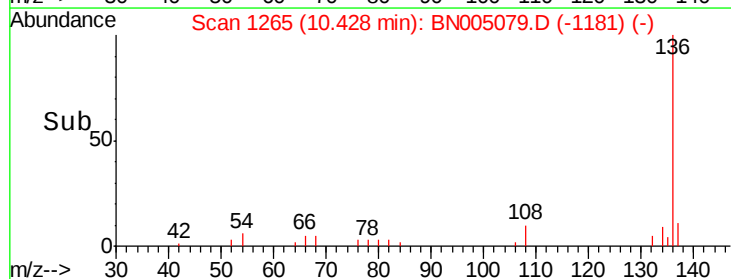
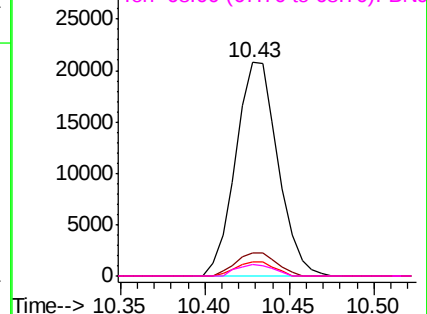
Abundance

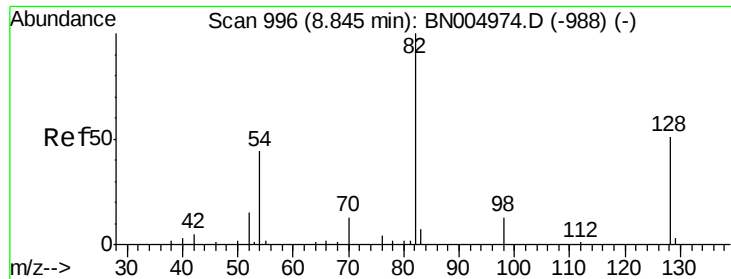
Ion 136.00 (135.70 to 136.70): E

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

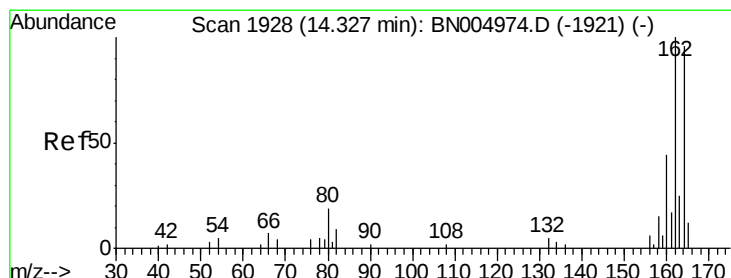
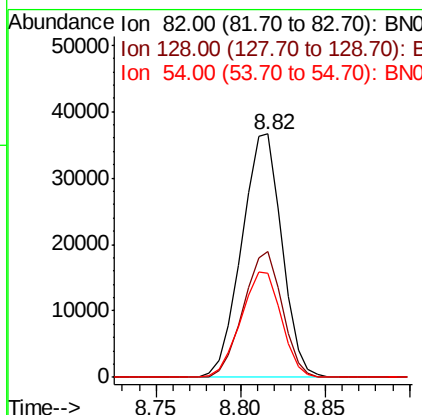
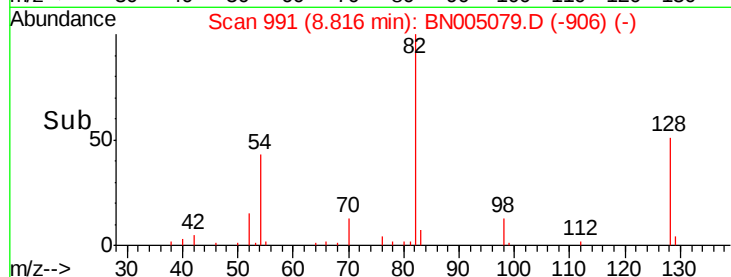
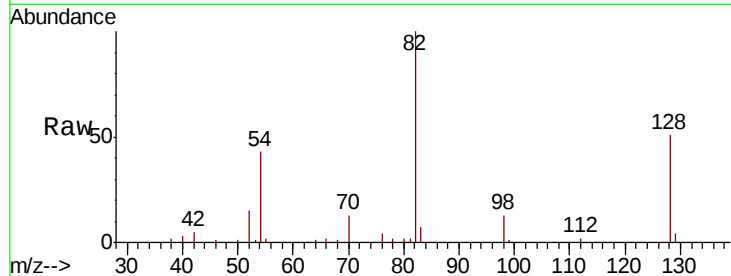




#23
 Nitrobenzene-d5
 Concen: 101.913 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BN005079.D
 Acq: 04 Apr 2019 03:08

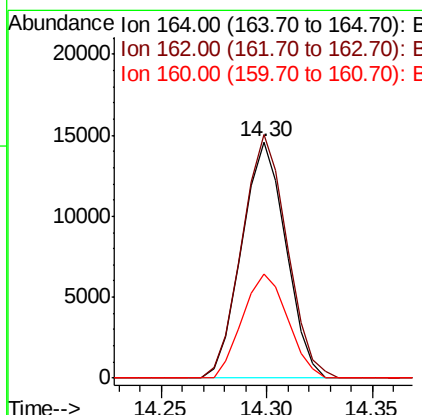
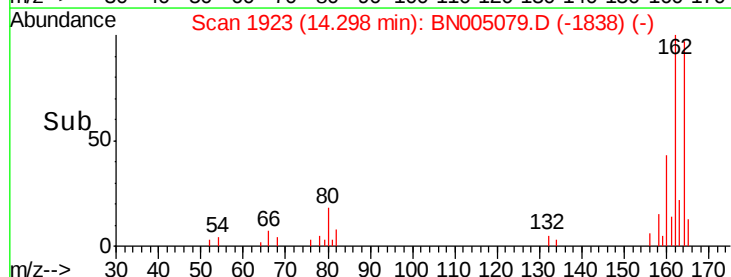
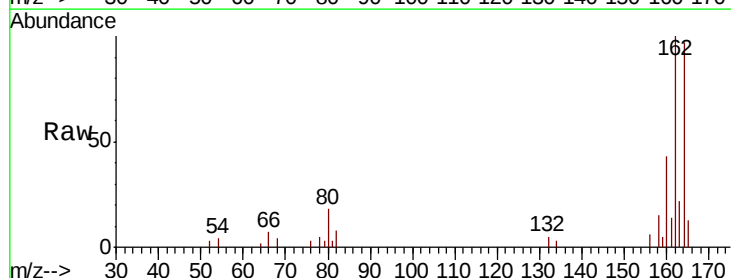
Instrument :
 BNA_N
 ClientSampleId :
 S9A-S9B-S9C

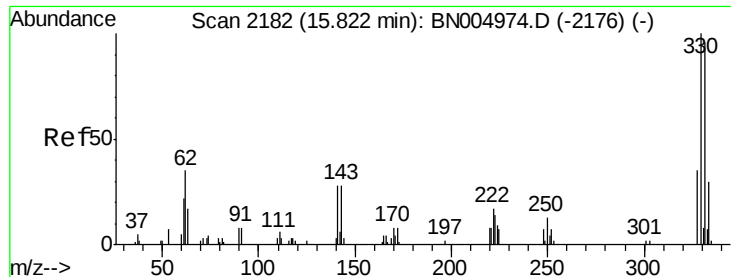
Tot Ion: 82 Resp: 60747
 Ion Ratio Lower Upper
 82 100
 128 51.5 40.6 60.8
 54 42.9 35.2 52.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BN005079.D
 Acq: 04 Apr 2019 03:08

Tgt Ion: 164 Resp: 21161
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.4 125.0
 160 44.3 36.6 55.0

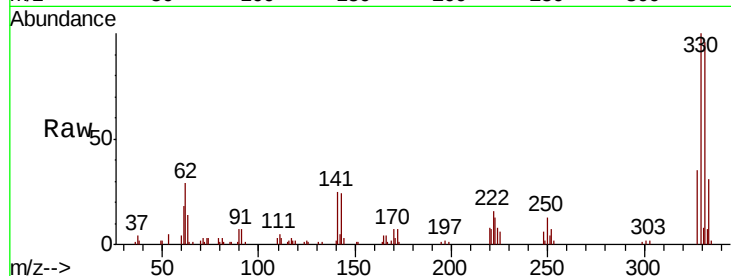




#42
 2,4,6-Tribromophenol
 Concen: 175.714 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005079.D
 Acq: 04 Apr 2019 03:08

Instrument :
 BNA_N
 ClientSampleId :
 S9A-S9B-S9C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	24.7	22.1	33.1

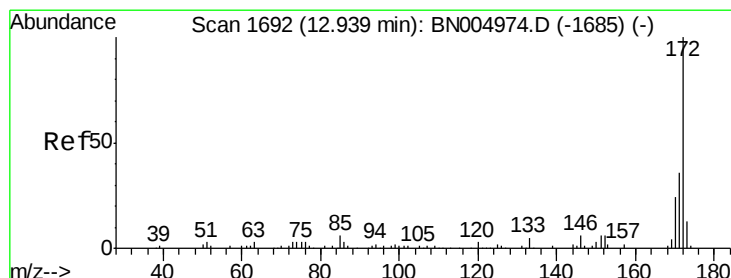
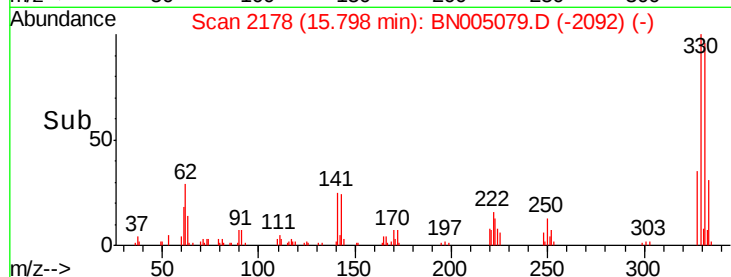
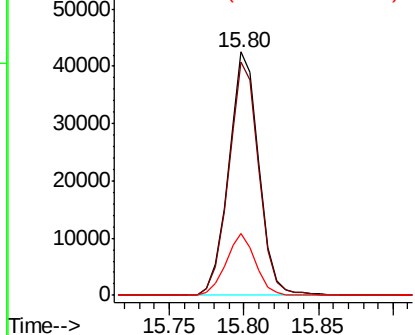


Abundance

Ion 329.80 (329.50 to 330.50): E

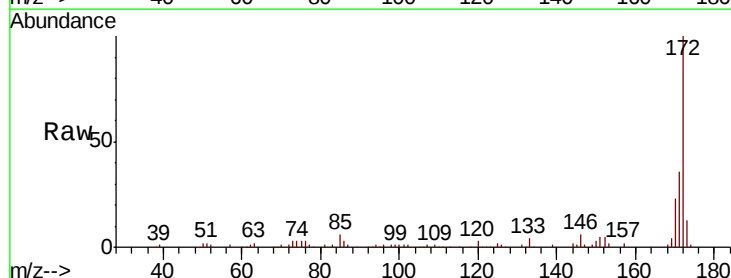
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.764 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005079.D
 Acq: 04 Apr 2019 03:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.4	18.9	28.3

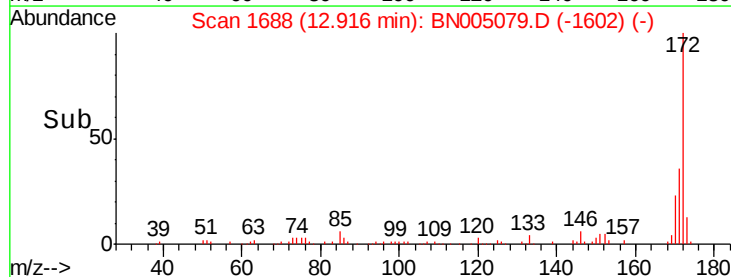
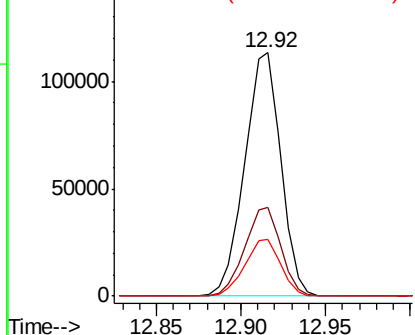


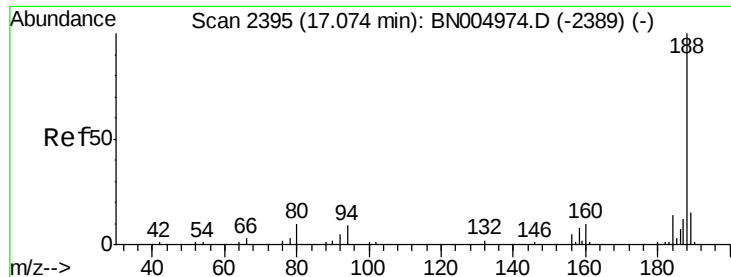
Abundance

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: BN005079.D

Acq: 04 Apr 2019 03:08

Instrument :

BNA_N

ClientSampleId :

S9A-S9B-S9C

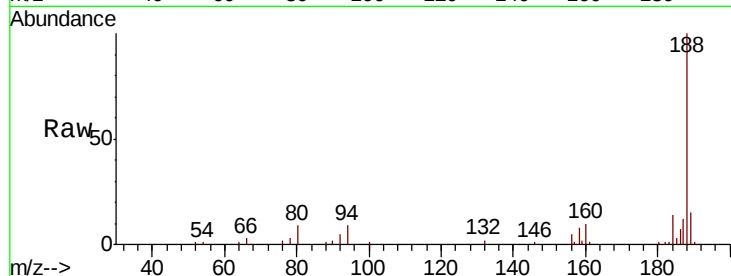
Tot Ion:188 Resp: 47855

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

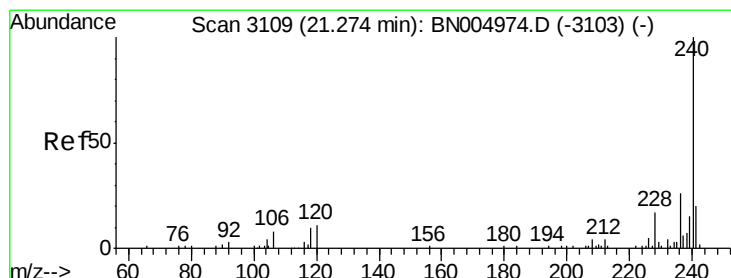
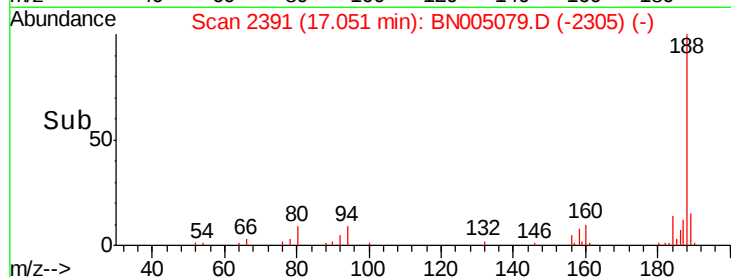
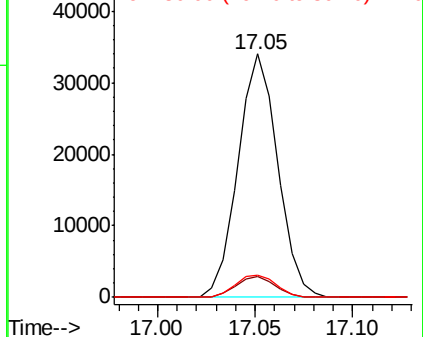
80 9.1 7.8 11.6



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: BN005079.D

Acq: 04 Apr 2019 03:08

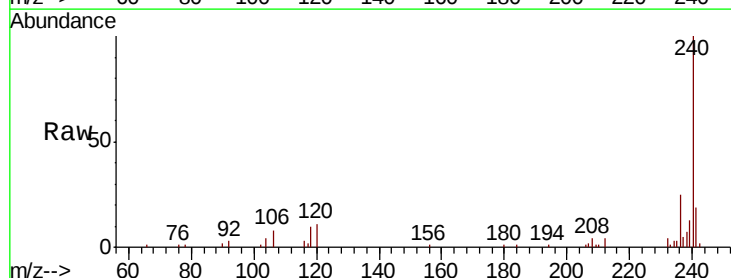
Tgt Ion:240 Resp: 53729

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

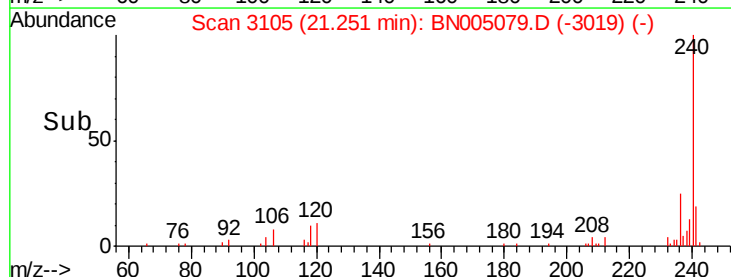
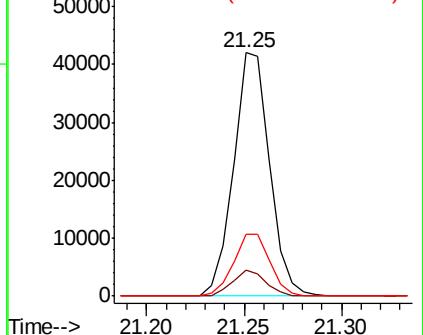
236 25.2 21.2 31.8

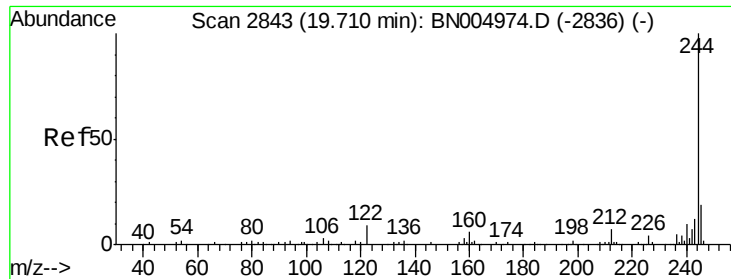


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.101 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005079.D

Acq: 04 Apr 2019 03:08

Instrument :

BNA_N

ClientSampleId :

S9A-S9B-S9C

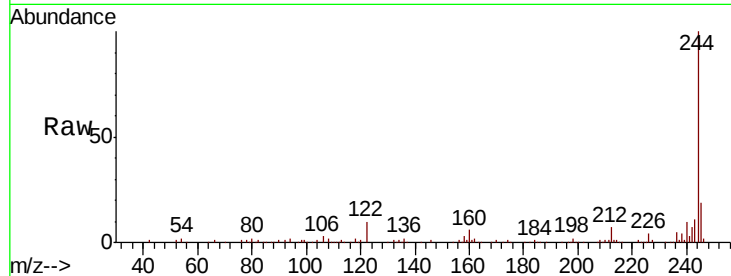
Tot Ion:244 Resp: 290521

Ion Ratio Lower Upper

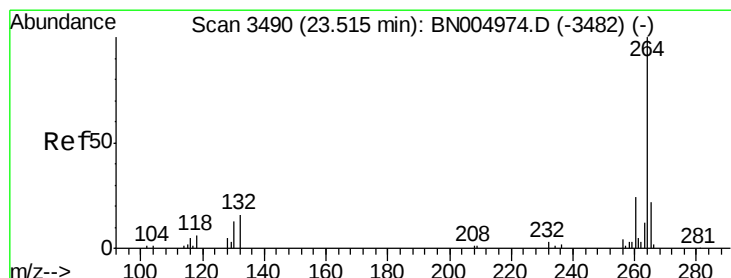
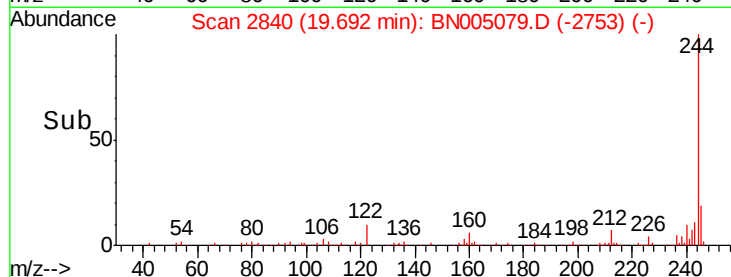
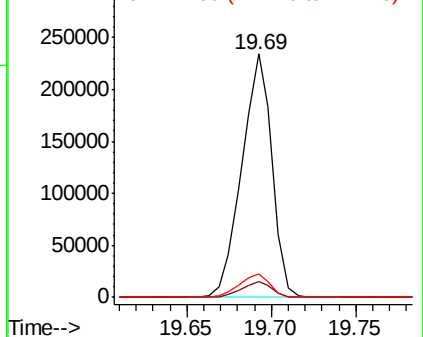
244 100

212 6.7 5.4 8.0

122 9.6 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: 23.49 min Scan# 3485

Delta R.T. -0.03 min

Lab File: BN005079.D

Acq: 04 Apr 2019 03:08

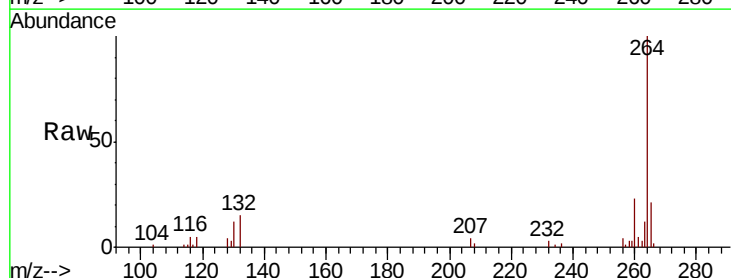
Tgt Ion:264 Resp: 53296

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.2 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

