

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005105.D
 Acq On : 04 Apr 2019 22:14
 Operator : JU/SJ
 Sample : K2240-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-01-(0-2)

Quant Time: Apr 05 03:07:33 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

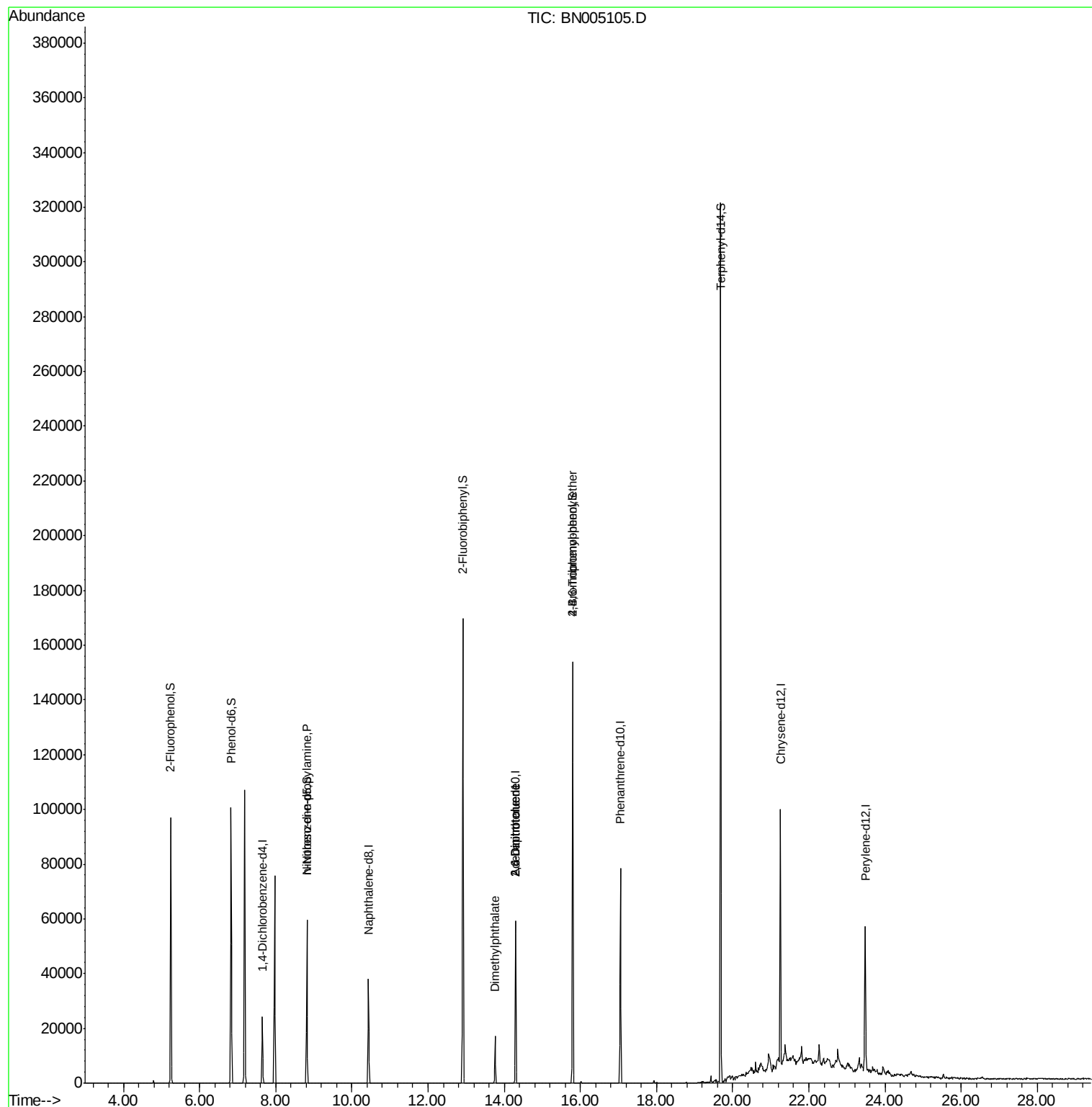
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7907	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	34261	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20877	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	47896	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	47596	20.00	ng	-0.02
87) Perylene-d12	23.48	264	43679	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	46043	100.67	ng	-0.03
7) Phenol-d6	6.83	99	62903	103.70	ng	-0.03
23) Nitrobenzene-d5	8.82	82	35481	62.65	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	36464	108.30	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	96866	61.48	ng	-0.02
79) Terphenyl-d14	19.69	244	154728	62.59	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	4458	11.211	ng	Qvalue # 72
50) Dimethylphthalate	13.76	163	13182	7.685	ng	100
51) 2,6-Dinitrotoluene	14.30	165	2575	6.598	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2575	4.855	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2125	3.555	ng	# 1

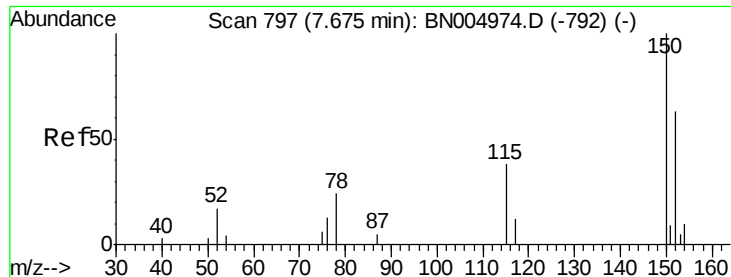
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
Data File : BN005105.D
Acq On : 04 Apr 2019 22:14
Operator : JU/SJ
Sample : K2240-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-01-(0-2)

Quant Time: Apr 05 03:07:33 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



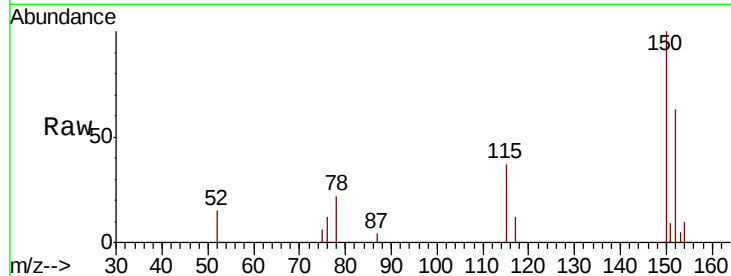


#1

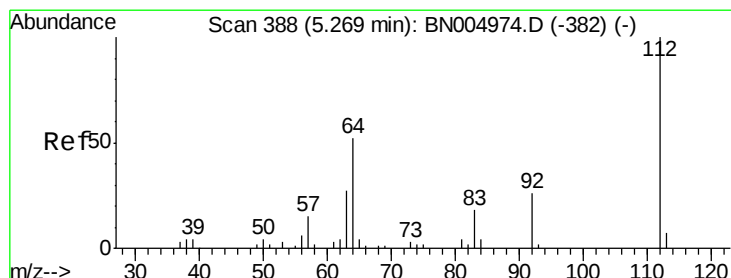
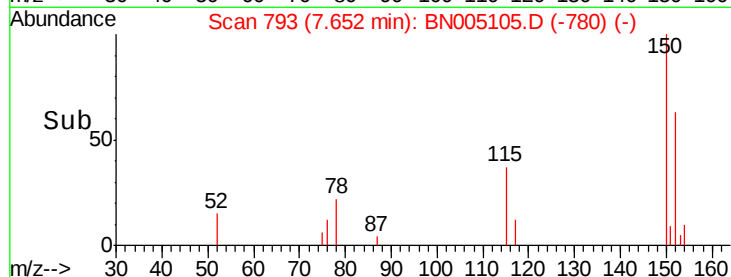
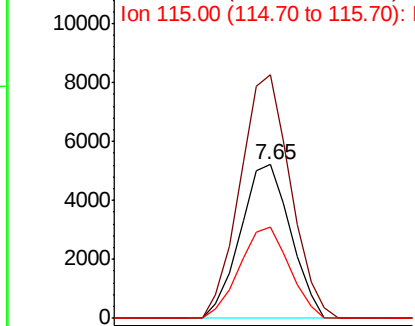
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Instrument :
BNA_N
ClientSampleId :
SB-01-(0-2)

Tgt Ion:152 Resp: 7907
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 59.3 47.8 71.6



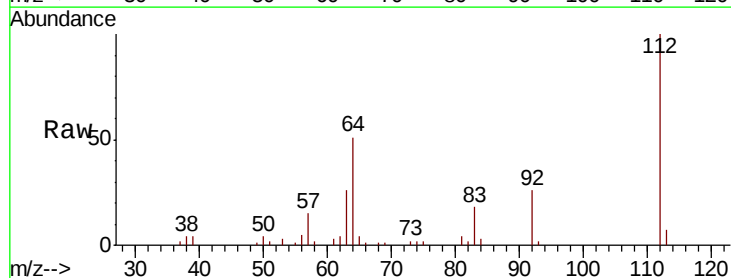
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



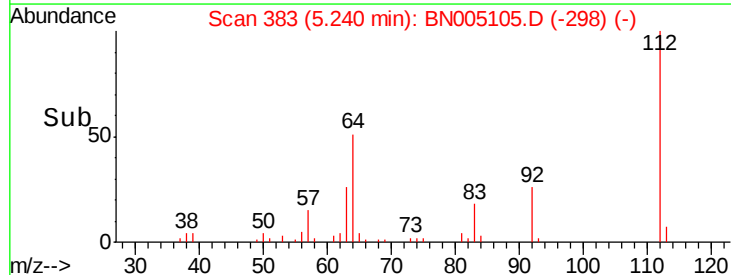
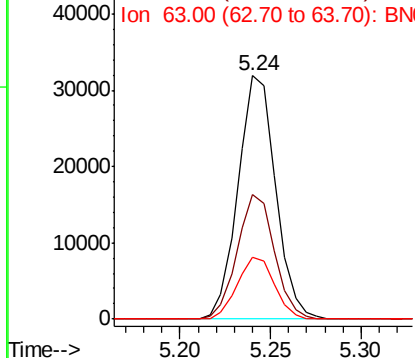
#5

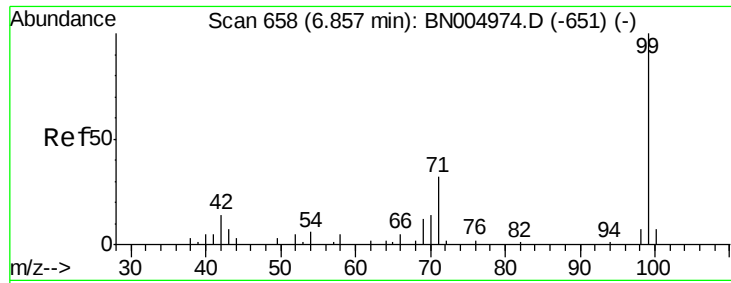
2-Fluorophenol
Concen: 100.675 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Tgt Ion:112 Resp: 46043
Ion Ratio Lower Upper
112 100
64 51.4 41.9 62.9
63 25.6 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: 103.699 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005105.D

Acq: 04 Apr 2019 22:14

Instrument :

BNA_N

ClientSampleId :

SB-01-(0-2)

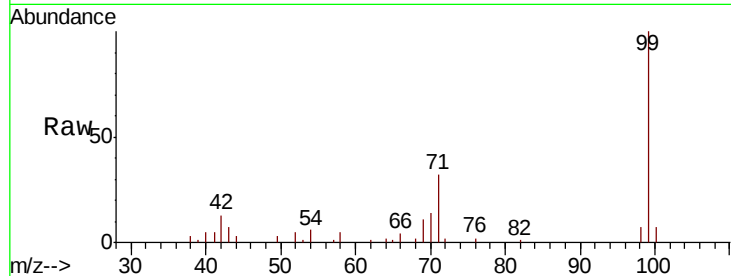
Tgt Ion: 99 Resp: 62903

Ion Ratio Lower Upper

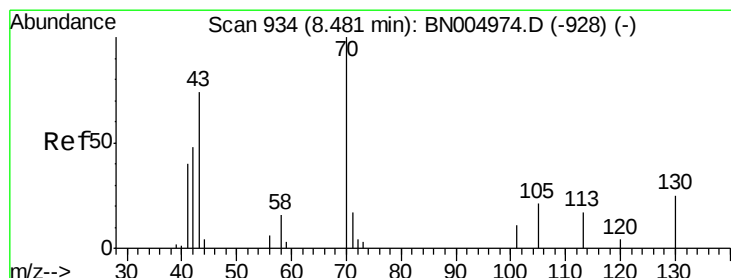
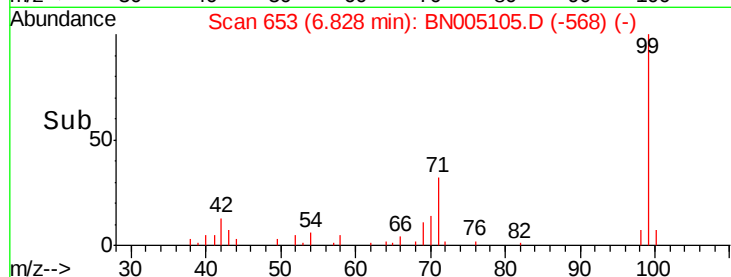
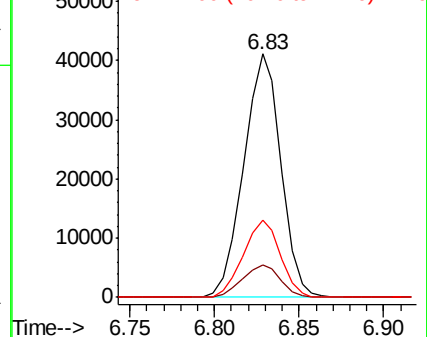
99 100

42 13.5 11.4 17.0

71 31.9 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#19

n-Nitroso-di-n-propylamine

Concen: 11.211 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005105.D

Acq: 04 Apr 2019 22:14

Tgt Ion: 70 Resp: 4458

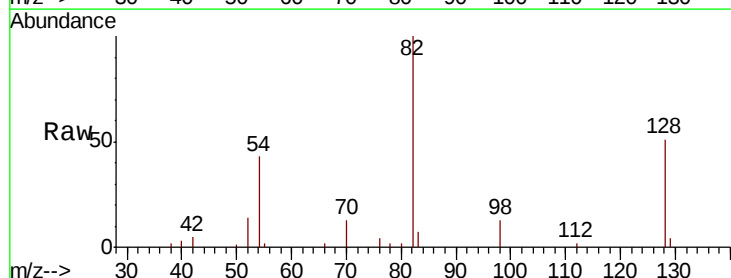
Ion Ratio Lower Upper

70 100

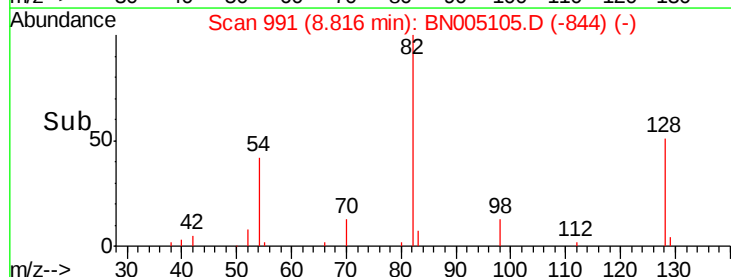
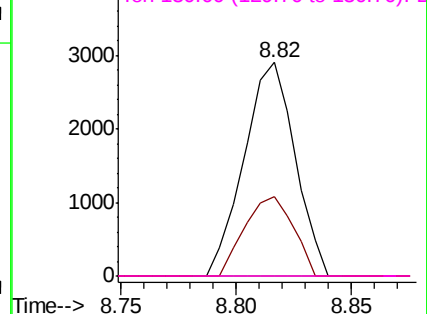
42 37.4 38.4 57.6#

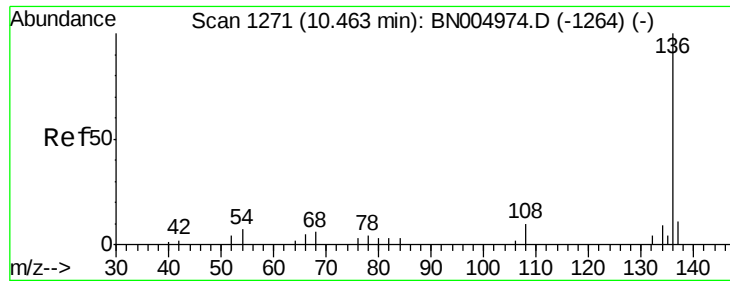
101 0.0 8.8 13.2#

130 0.0 19.8 29.8#



Abundance Ion 70.00 (69.70 to 70.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 101.00 (100.70 to 101.70): BNC
Ion 130.00 (129.70 to 130.70): BNC

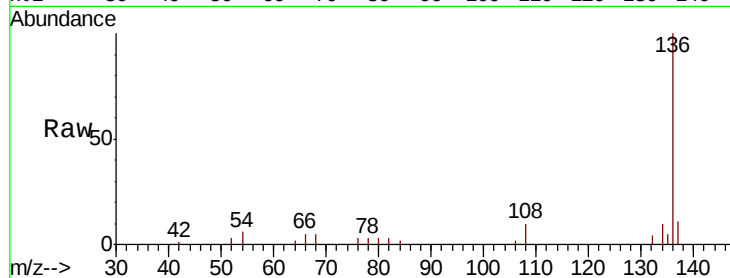




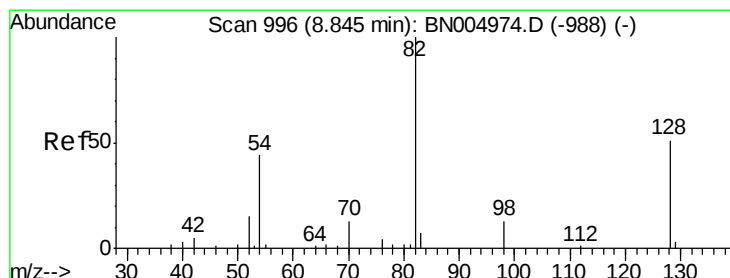
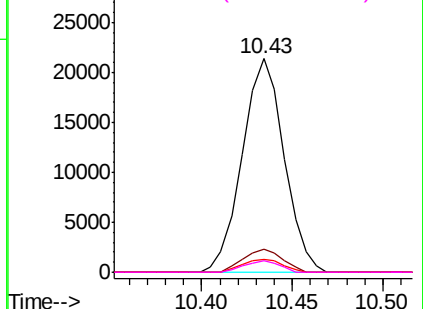
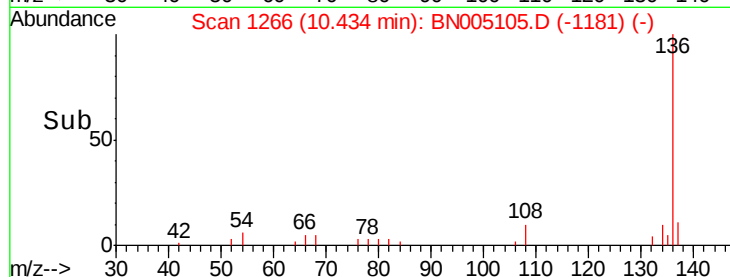
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Instrument :
BNA_N
ClientSampleId :
SB-01-(0-2)

Tgt Ion:	136	Resp:	34261
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.9	5.3	7.9
68	5.3	4.6	6.8

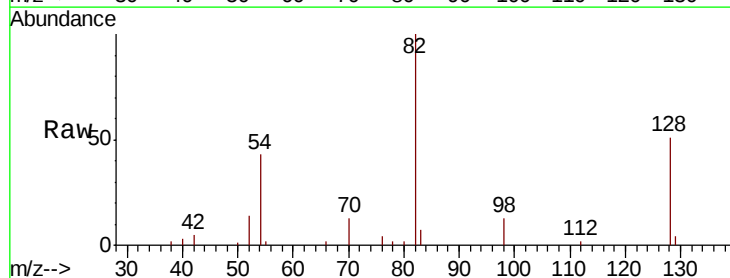


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

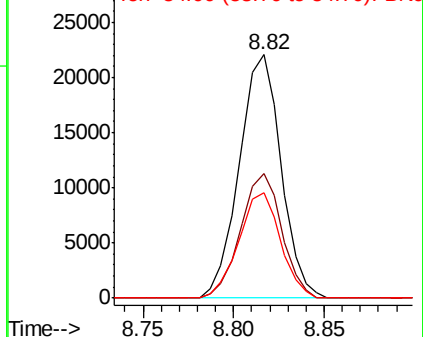
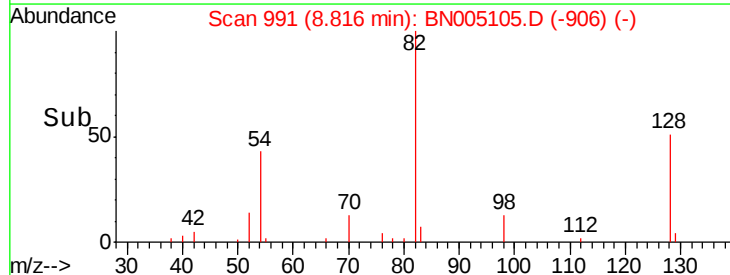


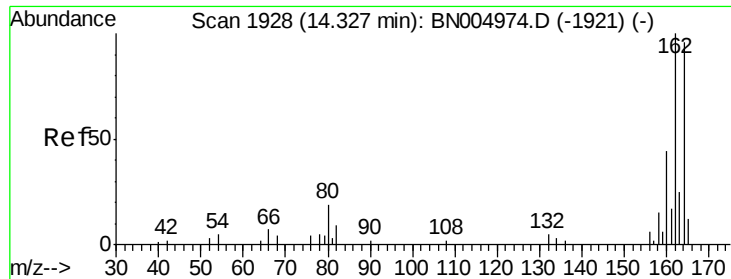
#23
Nitrobenzene-d5
Concen: 62.645 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Tgt Ion:	82	Resp:	35481
Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.6	60.8
54	43.1	35.2	52.8



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

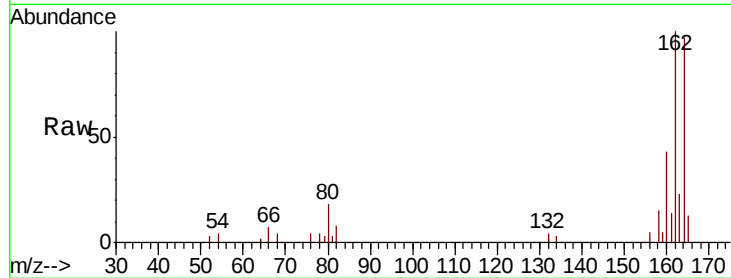




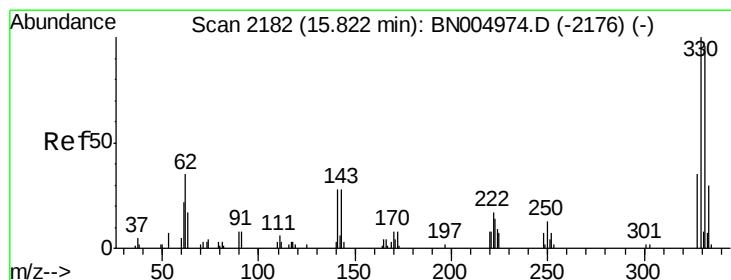
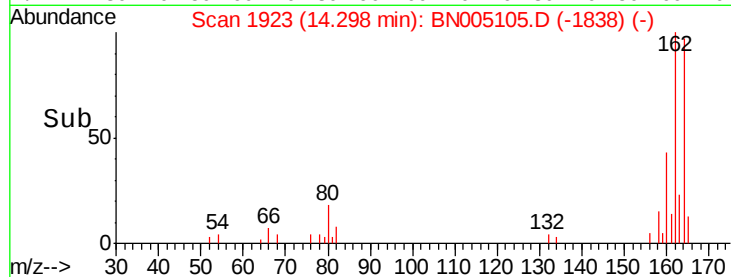
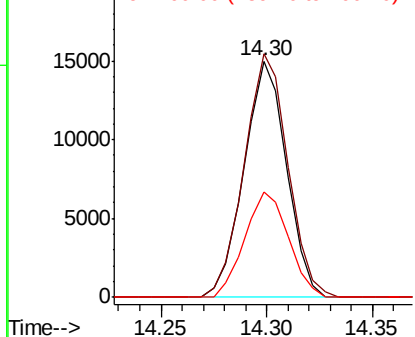
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Instrument :
BNA_N
ClientSampleId :
SB-01-(0-2)

Tgt Ion:164 Resp: 20877
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.0
160 44.8 36.6 55.0

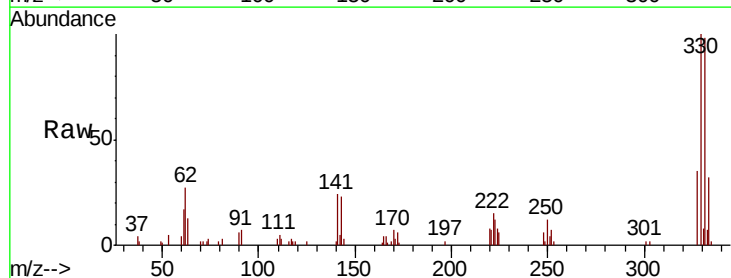


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

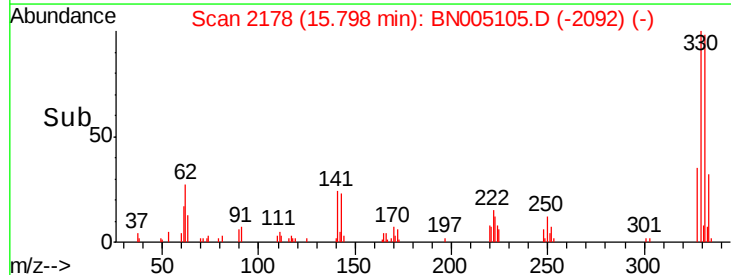
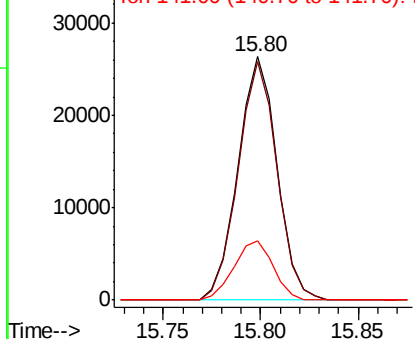


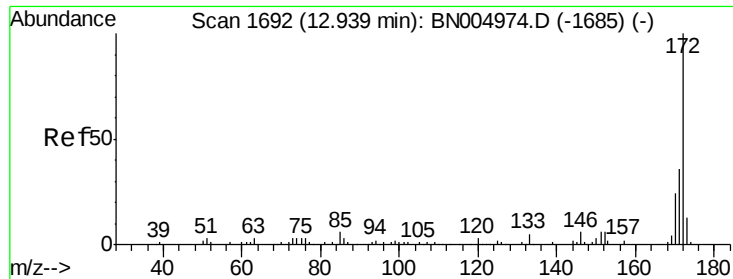
#42
2,4,6-Tribromophenol
Concen: 108.296 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Tgt Ion:330 Resp: 36464
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 24.5 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

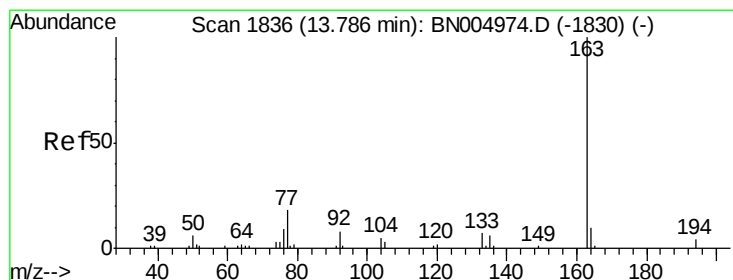
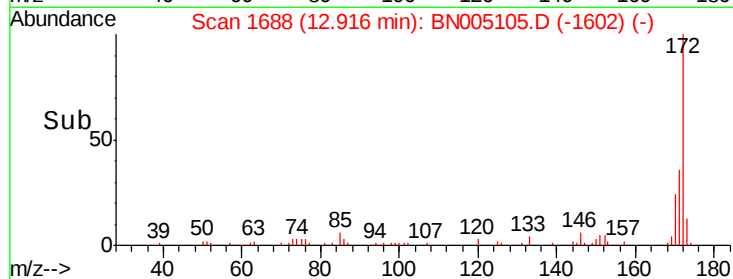
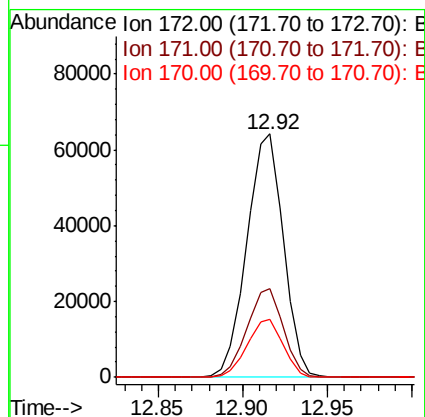
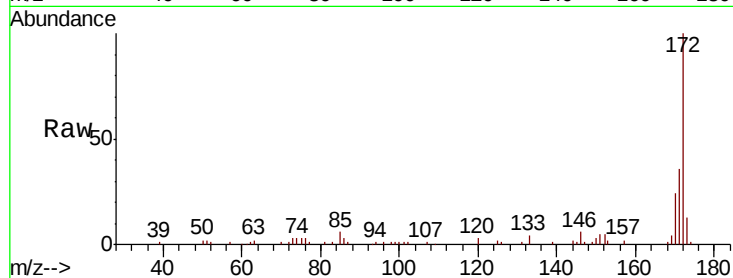




#45
 2-Fluorobiphenyl
 Concen: 61.484 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005105.D
 Acq: 04 Apr 2019 22:14

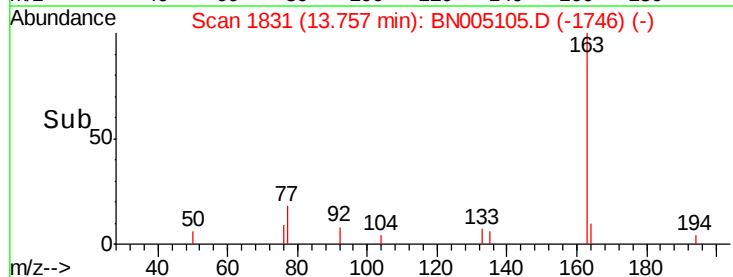
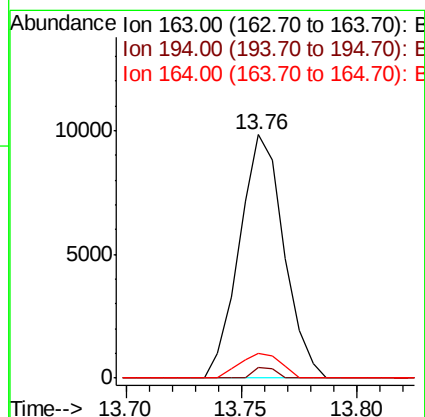
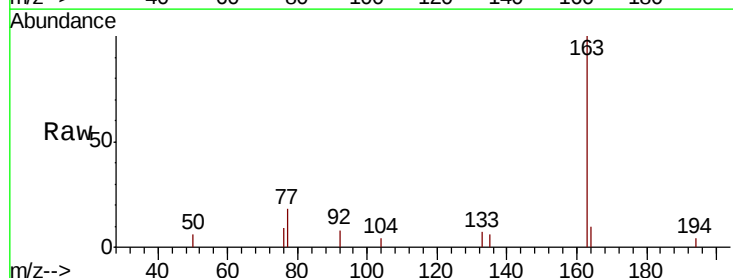
Instrument :
 BNA_N
 ClientSampleId :
 SB-01-(0-2)

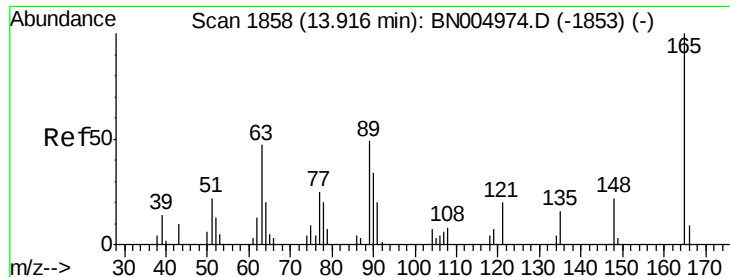
Tgt Ion:172 Resp: 96866
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 23.7 18.9 28.3



#50
 Dimethylphthalate
 Concen: 7.685 ng
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BN005105.D
 Acq: 04 Apr 2019 22:14

Tgt Ion:163 Resp: 13182
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.4 5.0
 164 10.4 8.3 12.5

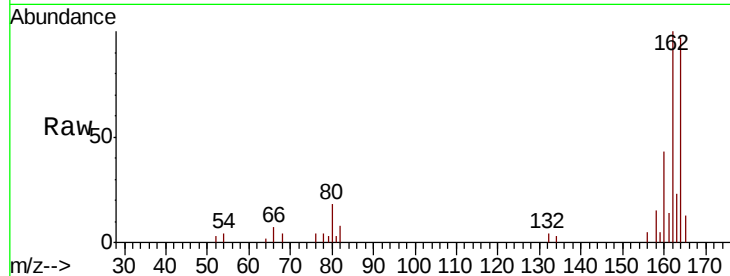




#51
 2,6-Dinitrotoluene
 Concen: 6.598 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005105.D
 Acq: 04 Apr 2019 22:14

Instrument :
 BNA_N
 ClientSampleId :
 SB-01-(0-2)

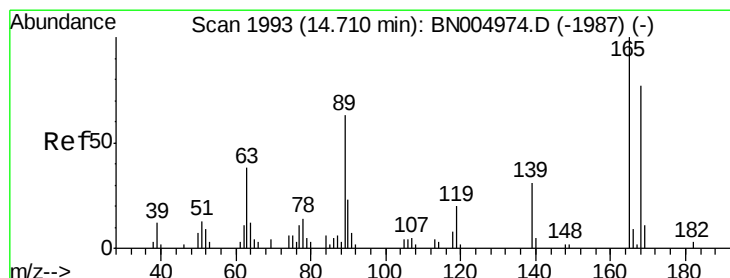
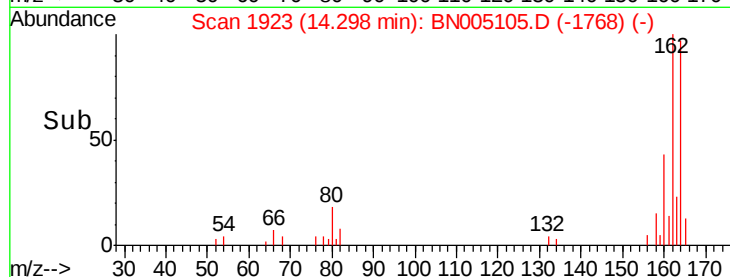
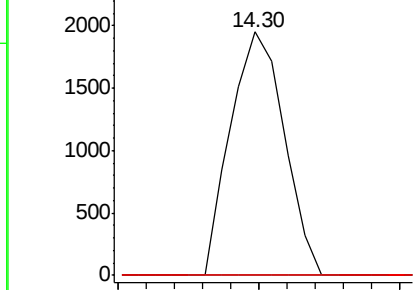
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#



Abundance Ion 165.00 (164.70 to 165.70): E

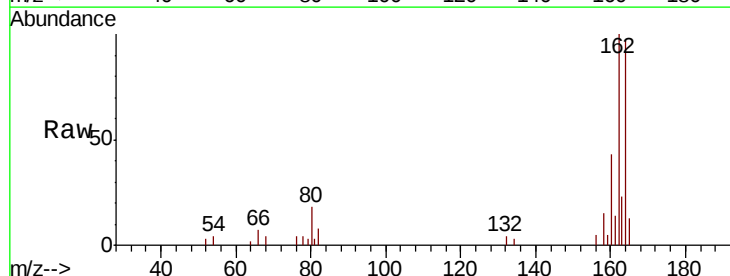
Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#57
 2,4-Dinitrotoluene
 Concen: 4.855 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005105.D
 Acq: 04 Apr 2019 22:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#

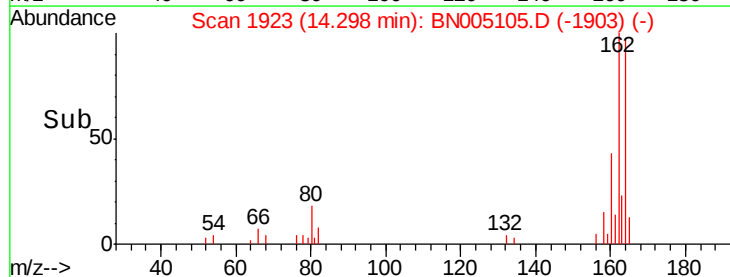
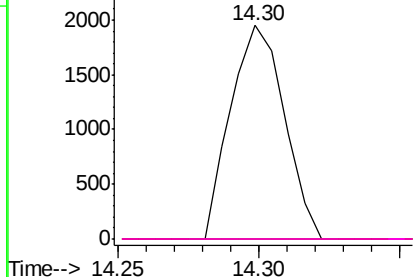


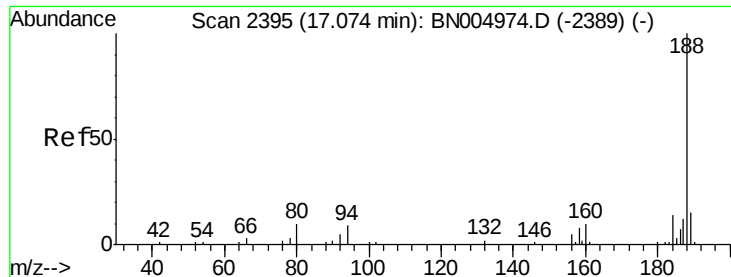
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

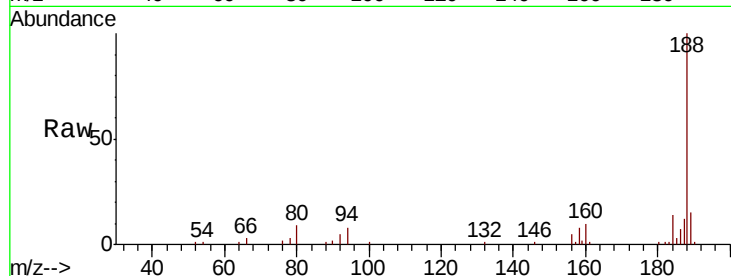




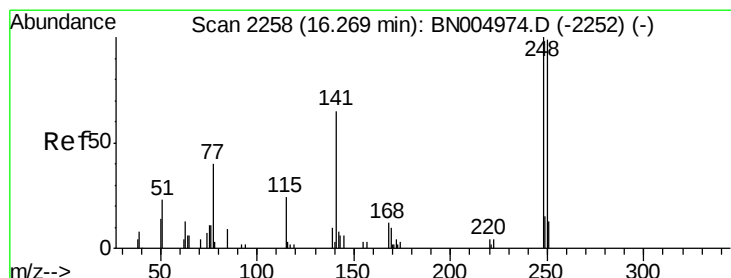
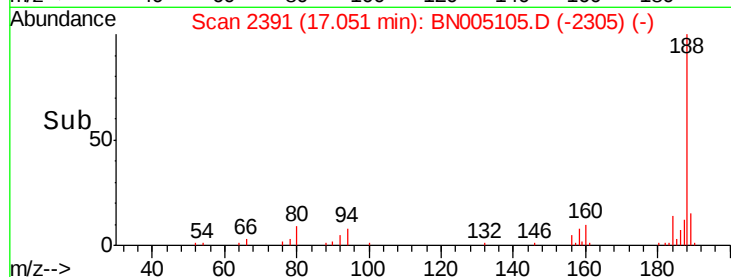
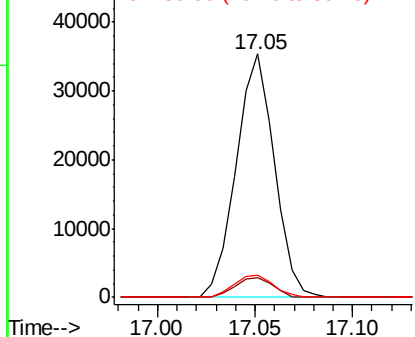
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005105.D
 Acq: 04 Apr 2019 22:14

Instrument :
 BNA_N
 ClientSampleId :
 SB-01-(0-2)

Tgt Ion:188 Resp: 47896
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.2 10.8
 80 9.0 7.8 11.6

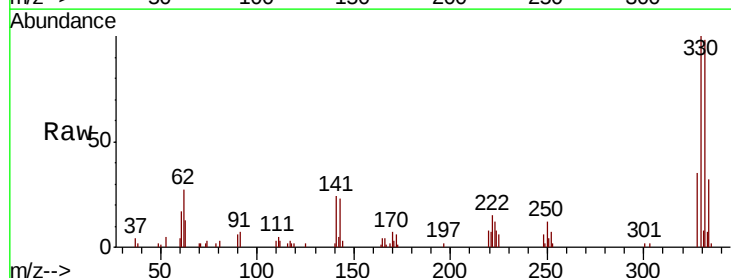


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

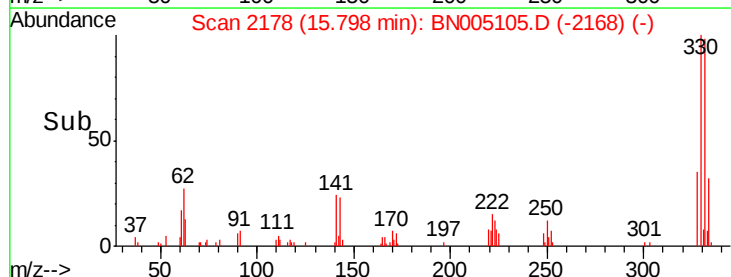
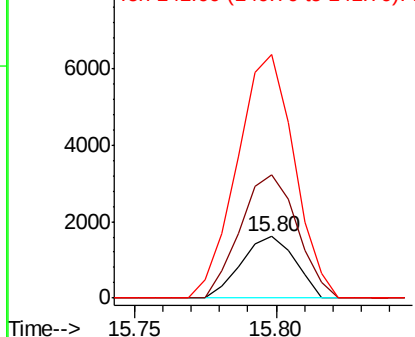


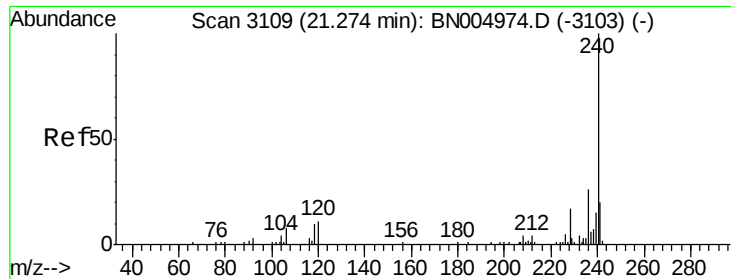
#67
 4-Bromophenyl-phenylether
 Concen: 3.555 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005105.D
 Acq: 04 Apr 2019 22:14

Tgt Ion:248 Resp: 2125
 Ion Ratio Lower Upper
 248 100
 250 200.8 79.4 119.2#
 141 396.1 52.3 78.5#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

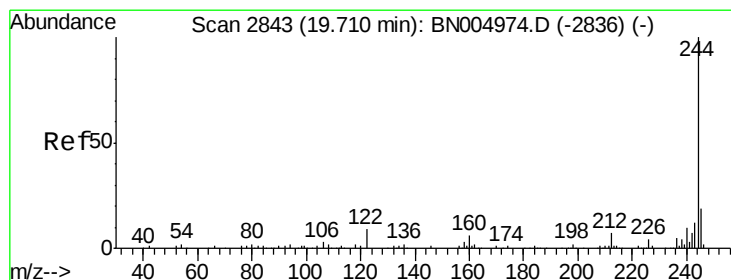
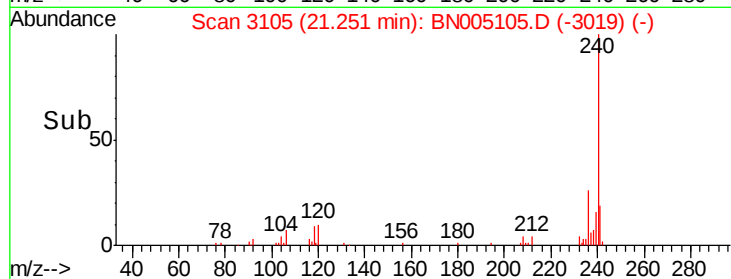
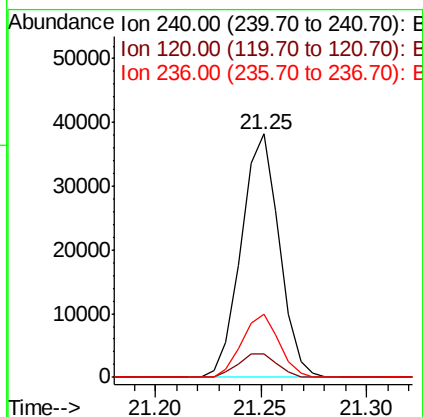
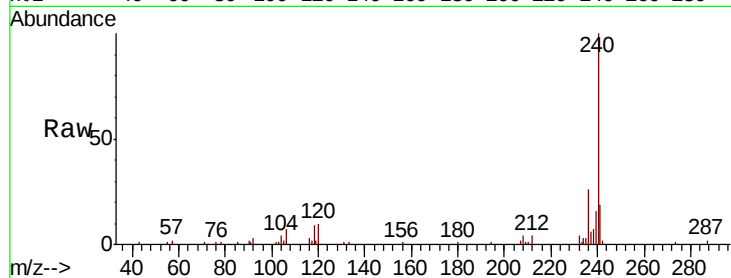




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

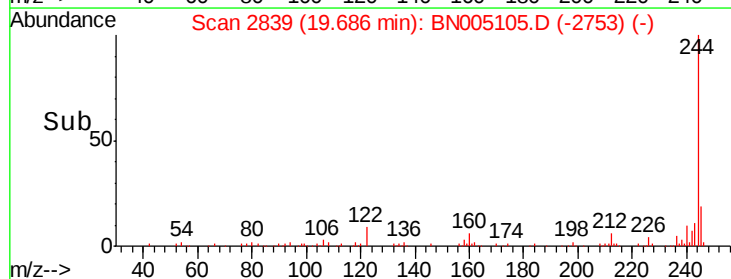
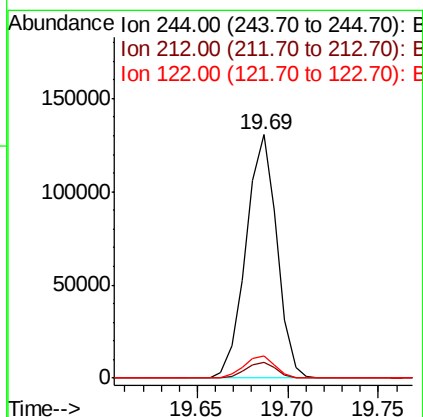
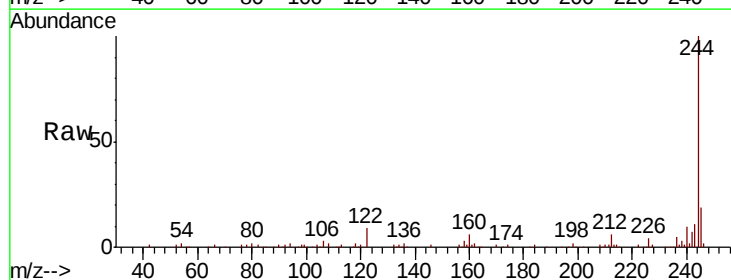
Instrument :
BNA_N
ClientSampleId :
SB-01-(0-2)

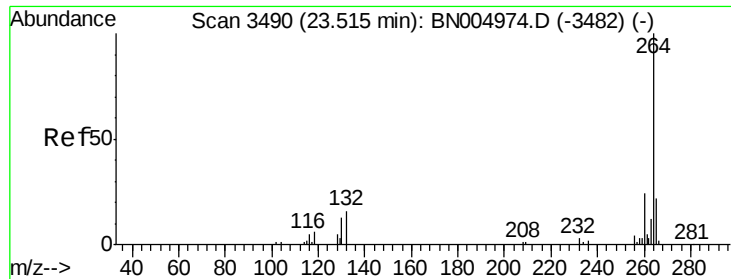
Tgt Ion:240 Resp: 47596
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 62.587 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Tgt Ion:244 Resp: 154728
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 9.2 7.4 11.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.03 min
Lab File: BN005105.D
Acq: 04 Apr 2019 22:14

Instrument :
BNA_N
ClientSampleId :
SB-01-(0-2)

Tgt Ion: 264 Resp: 43679
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.6 17.2 25.8

