

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
 Data File : BN005078.D
 Acq On : 04 Apr 2019 01:26
 Operator : JU/SJ
 Sample : K2213-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

Quant Time: Apr 04 04:31:14 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

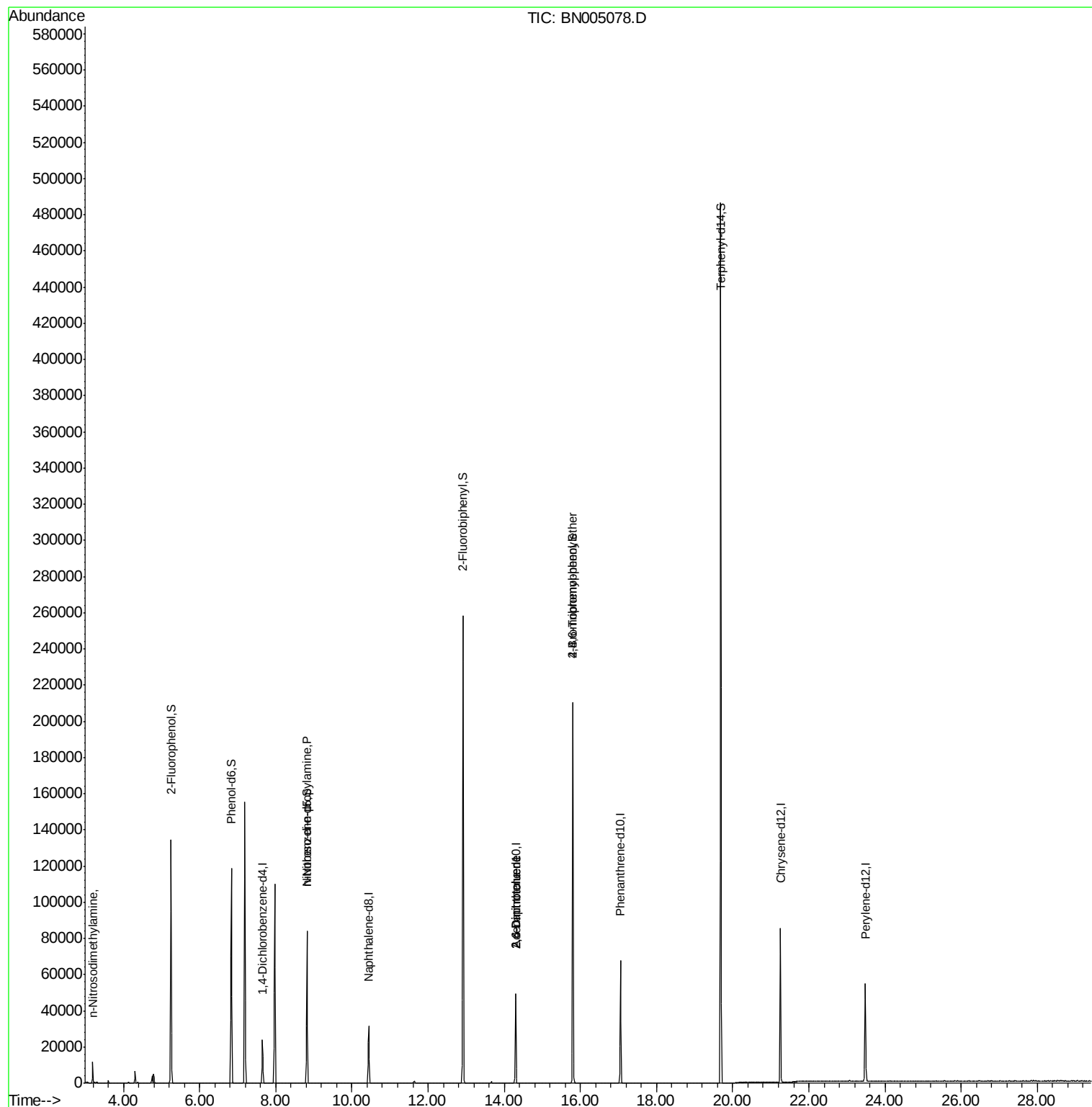
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7801	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	31035	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	18410	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	42433	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	45528	20.00	ng	-0.02
87) Perylene-d12	23.48	264	41660	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	61836	137.04	ng	-0.02
7) Phenol-d6	6.83	99	72930	121.86	ng	-0.02
23) Nitrobenzene-d5	8.82	82	49873	97.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	49363	166.25	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	141392	101.77	ng	-0.02
79) Terphenyl-d14	19.69	244	241273	102.03	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	630	4.206	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	6351	16.188	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2216	6.439	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2216	4.738	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2844	5.371	ng	# 1

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

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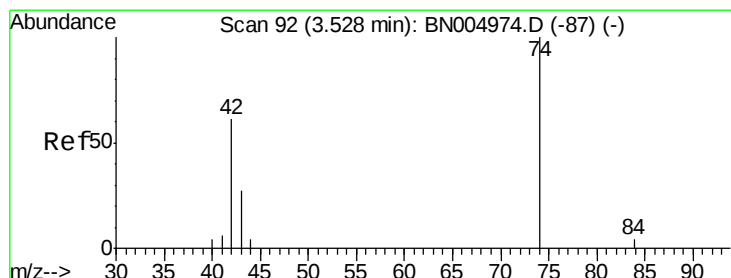
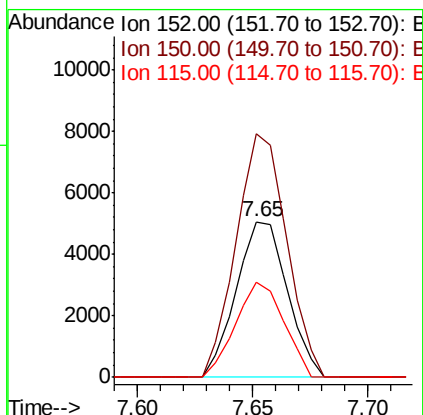
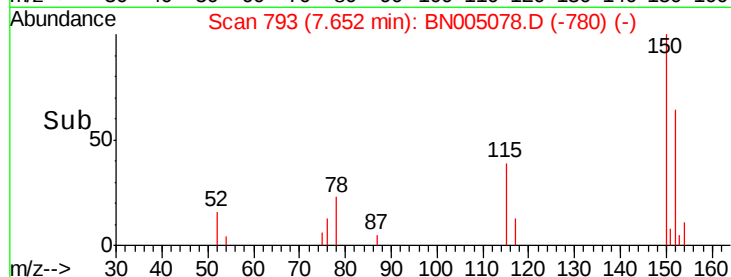
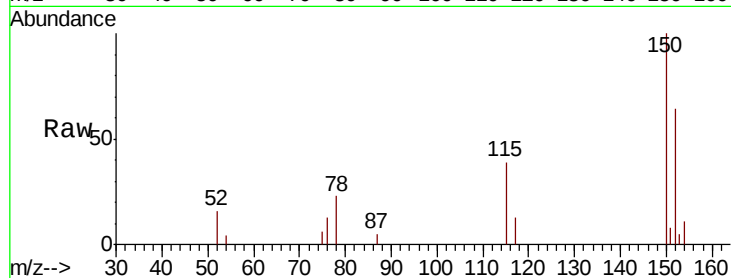


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Instrument :
BNA_N
ClientSampleId :
S9A(2-10)COMP

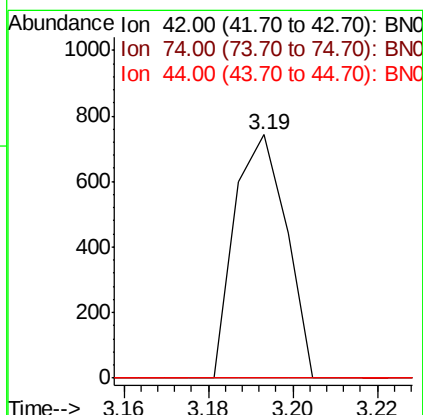
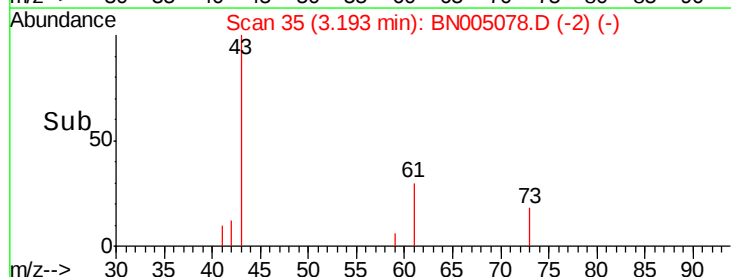
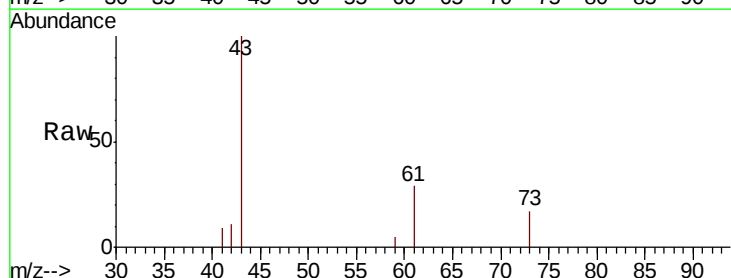
Tgt Ion:152 Resp: 7801
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 61.2 47.8 71.6

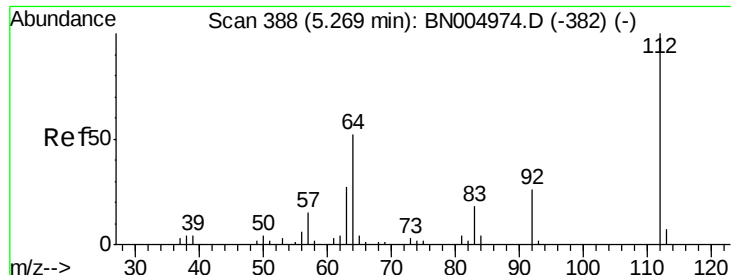


#4

n-Nitrosodimethylamine
Concen: 4.206 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.34 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Tgt Ion: 42 Resp: 630
Ion Ratio Lower Upper
42 100
74 0.0 130.8 196.2#
44 0.0 5.7 8.5#

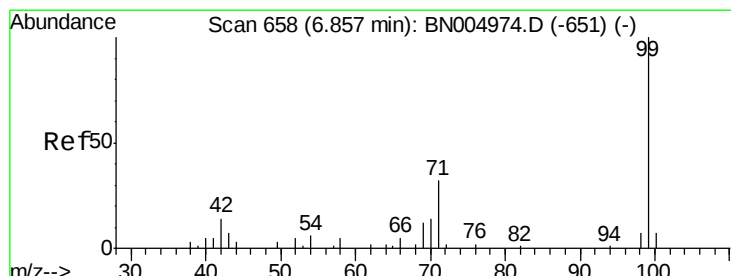
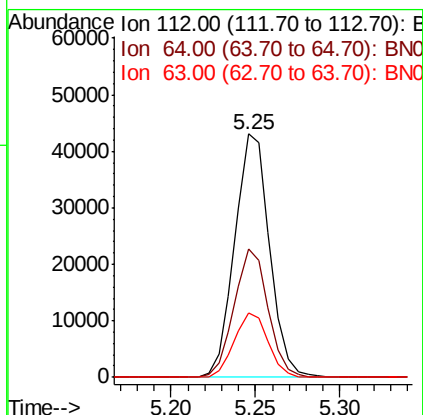
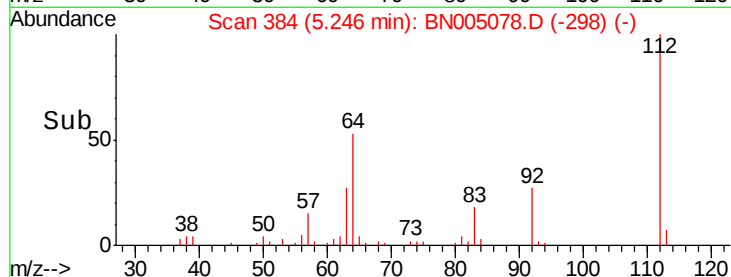
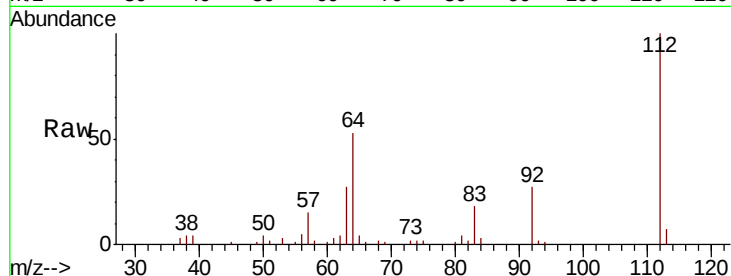




#5
 2-Fluorophenol
 Concen: 137.044 ng
 RT: 5.25 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

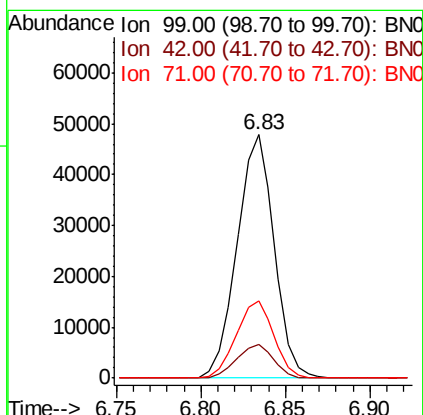
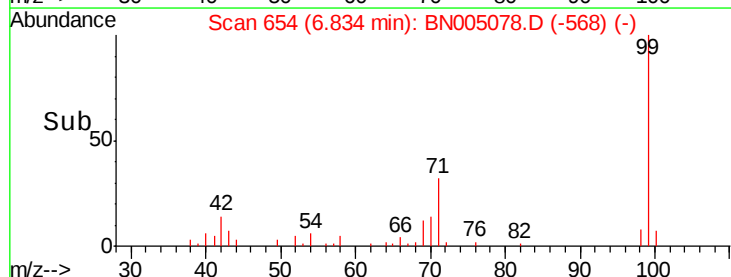
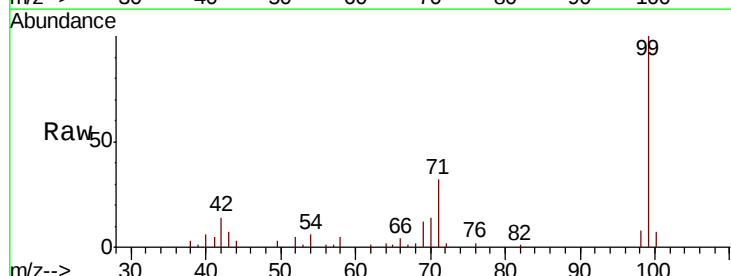
Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

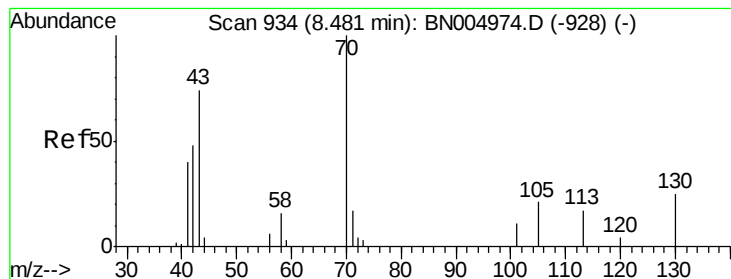
Tgt Ion: 112 Resp: 61836
 Ion Ratio Lower Upper
 112 100
 64 52.5 41.9 62.9
 63 26.6 21.4 32.0



#7
 Phenol-d6
 Concen: 121.862 ng
 RT: 6.83 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Tgt Ion: 99 Resp: 72930
 Ion Ratio Lower Upper
 99 100
 42 13.6 11.4 17.0
 71 32.0 25.8 38.8





#19

n-Nitroso-di-n-propylamine

Concen: 16.188 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005078.D

Acq: 04 Apr 2019 01:26

Instrument :

BNA_N

ClientSampleId :

S9A(2-10)COMP

Tgt Ion: 70 Resp: 6351

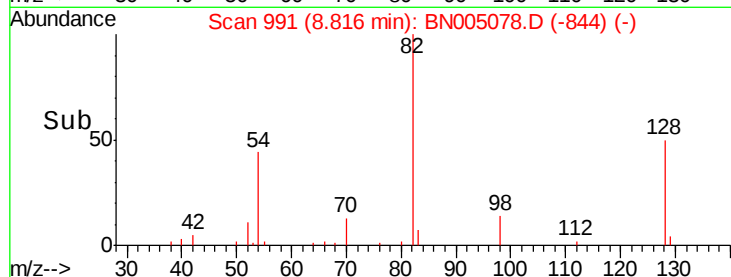
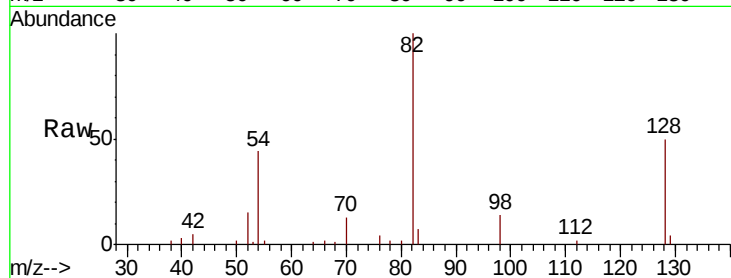
Ion Ratio Lower Upper

70 100

42 39.5 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#



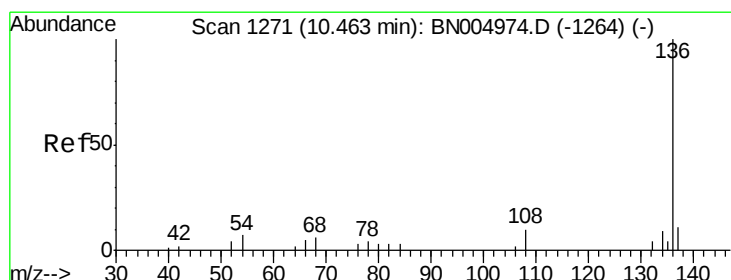
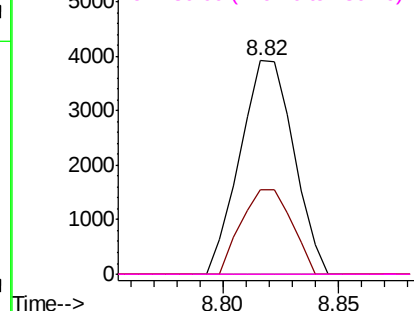
Abundance

Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BN005078.D

Acq: 04 Apr 2019 01:26

Tgt Ion: 136 Resp: 31035

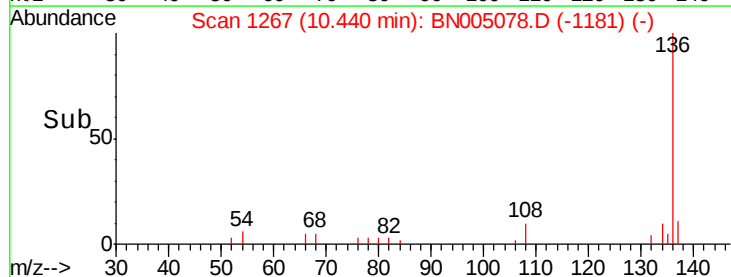
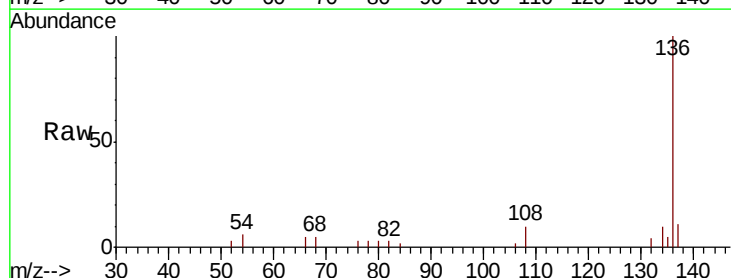
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 5.3 7.9

68 5.3 4.6 6.8



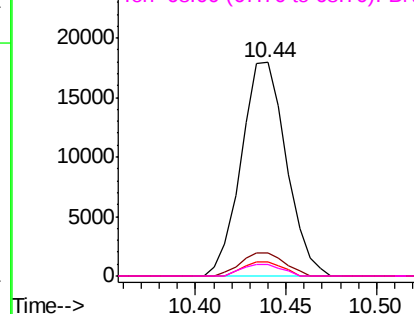
Abundance

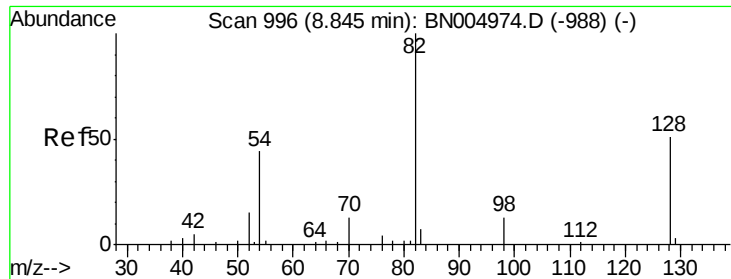
Ion 136.00 (135.70 to 136.70): E

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

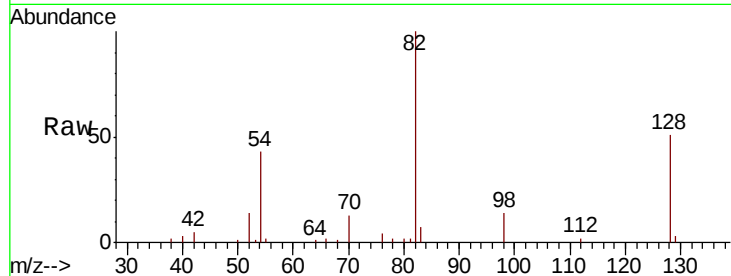




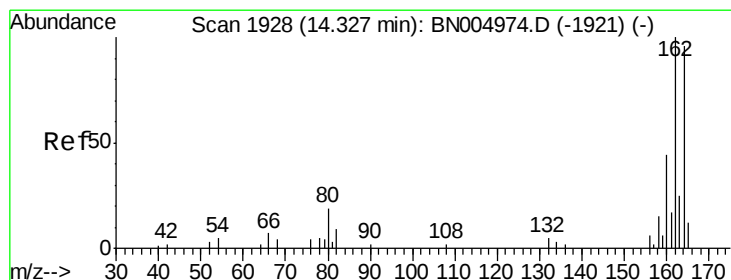
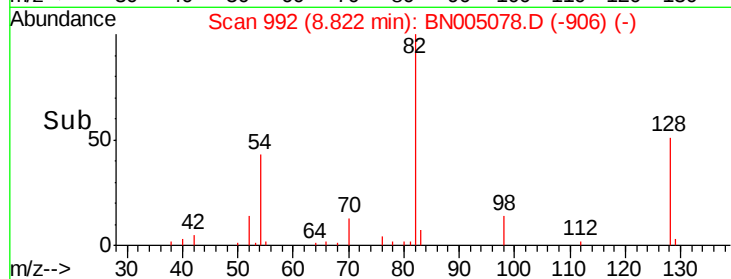
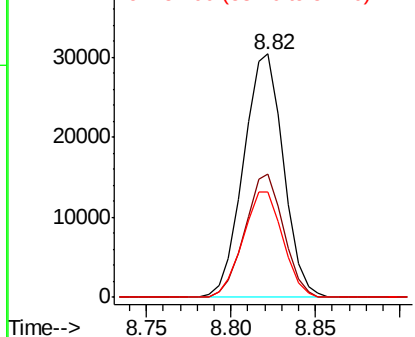
#23
Nitrobenzene-d5
Concen: 97.209 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Instrument :
BNA_N
ClientSampleId :
S9A(2-10)COMP

Tgt Ion: 82 Resp: 49873
Ion Ratio Lower Upper
82 100
128 50.8 40.6 60.8
54 43.3 35.2 52.8

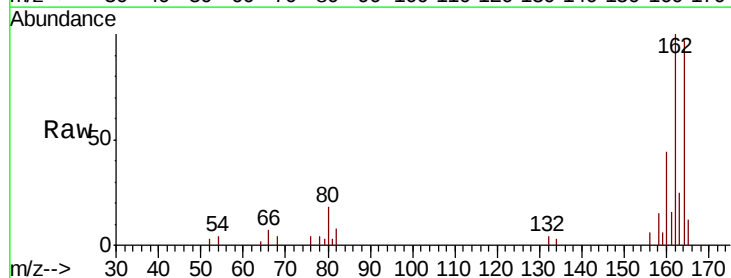


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

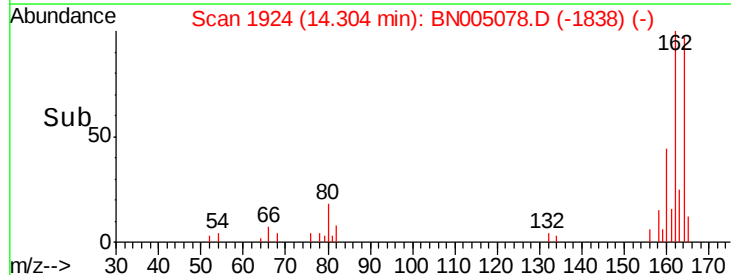
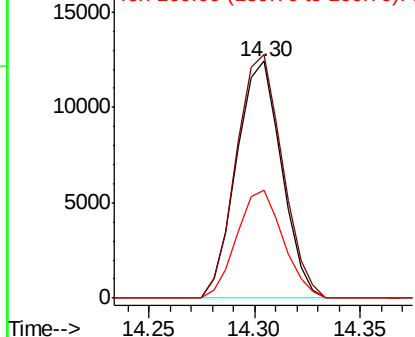


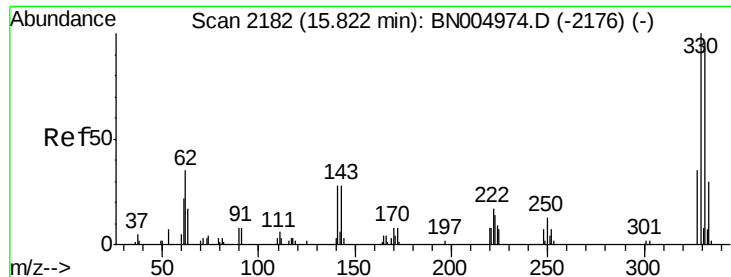
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Tgt Ion: 164 Resp: 18410
Ion Ratio Lower Upper
164 100
162 102.8 83.4 125.0
160 45.5 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

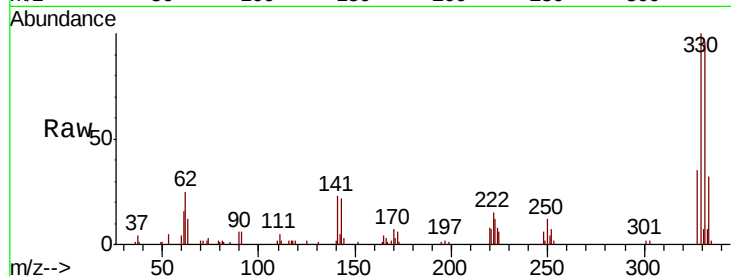




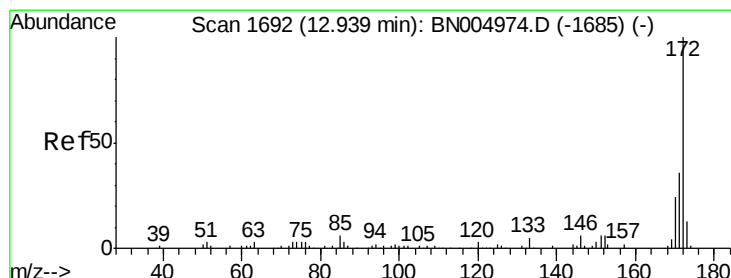
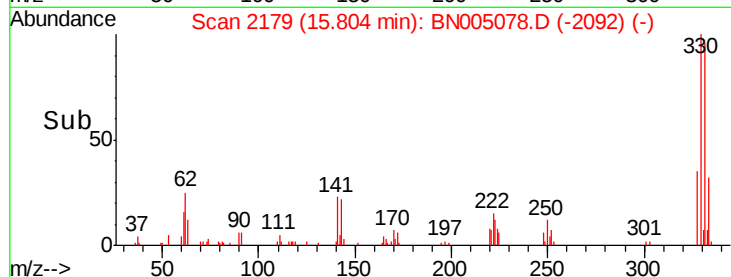
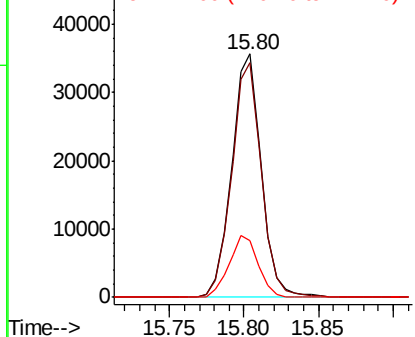
#42
 2,4,6-Tribromophenol
 Concen: 166.251 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	25.0	22.1	33.1

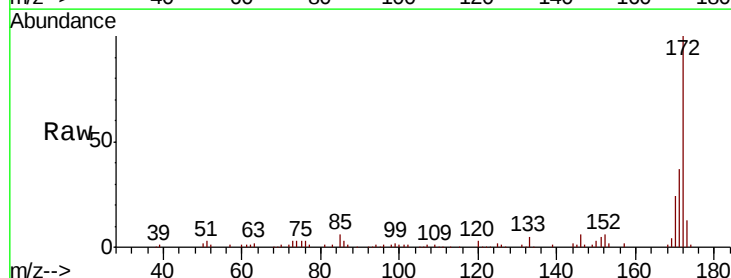


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

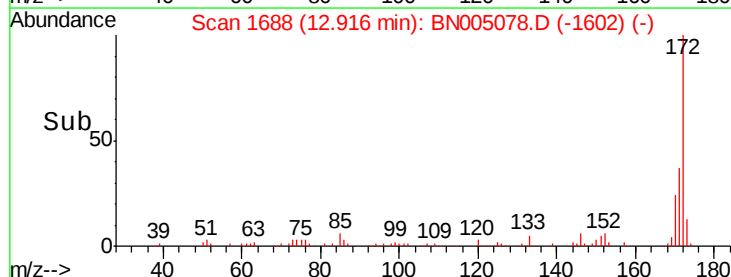
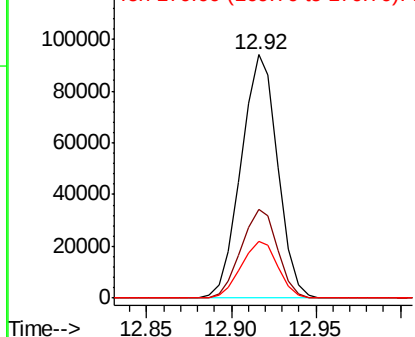


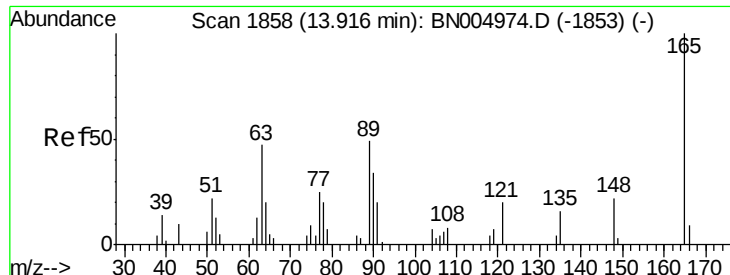
#45
 2-Fluorobiphenyl
 Concen: 101.772 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

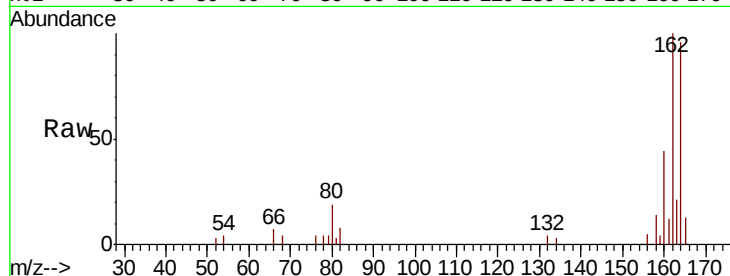




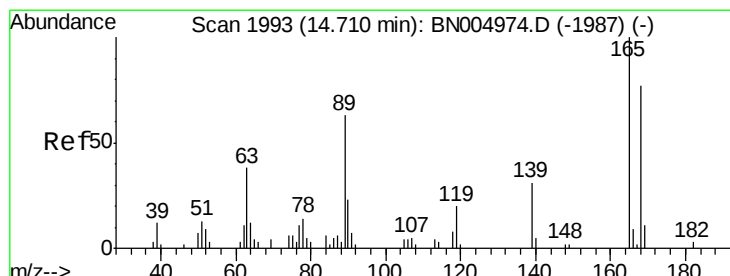
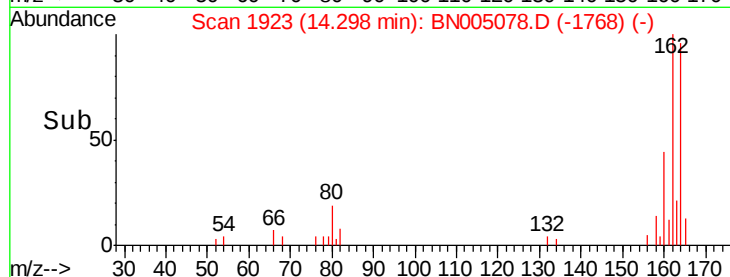
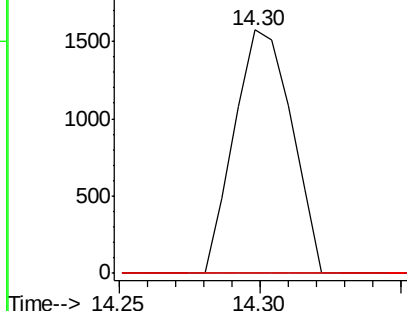
#51
 2,6-Dinitrotoluene
 Concen: 6.439 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

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



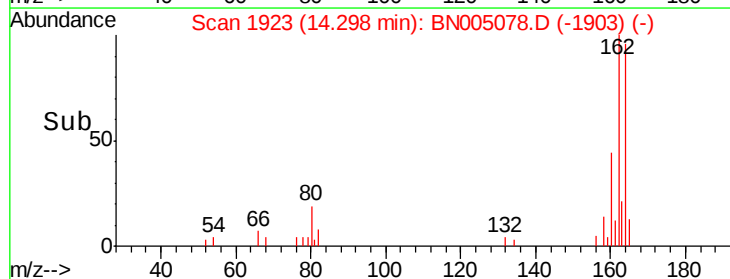
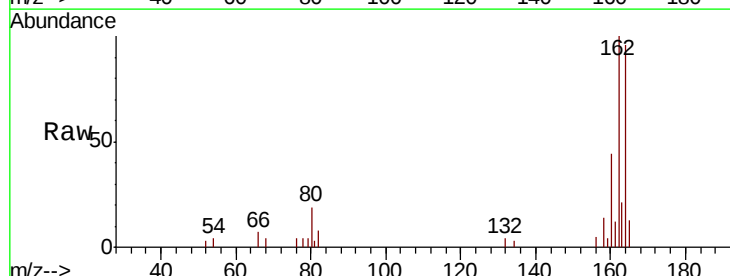
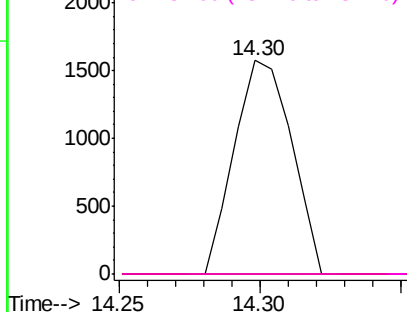
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

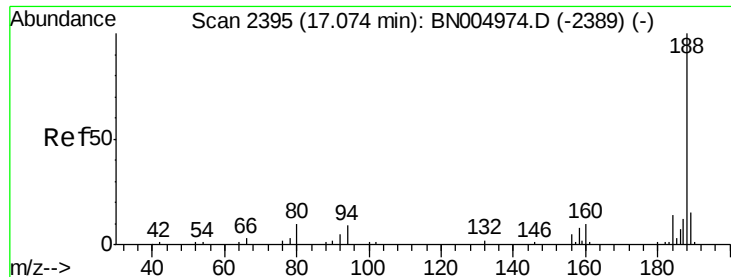


#57
 2,4-Dinitrotoluene
 Concen: 4.738 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

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

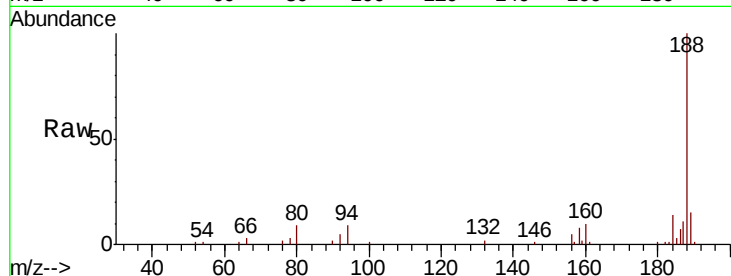




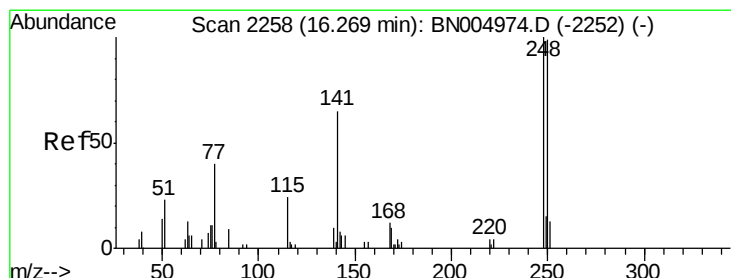
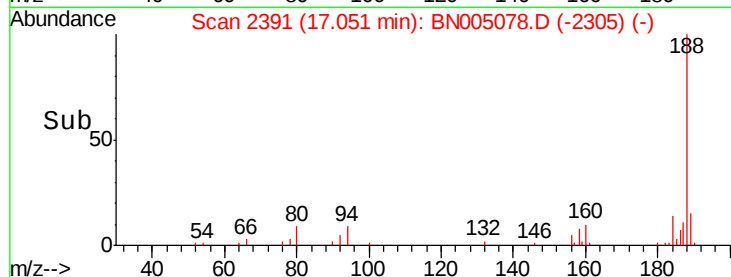
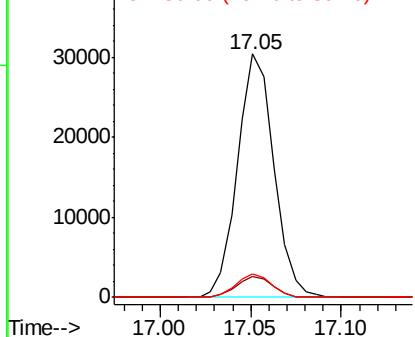
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

Tgt Ion:188 Resp: 42433
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.2 10.8
 80 9.4 7.8 11.6

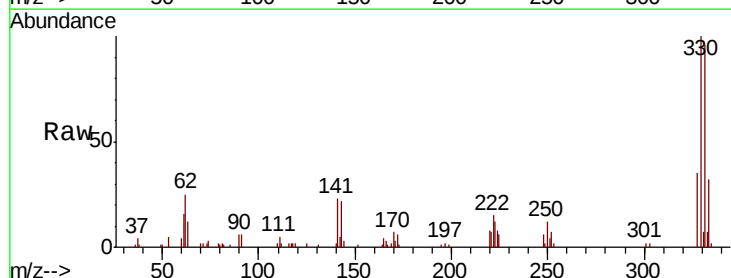


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

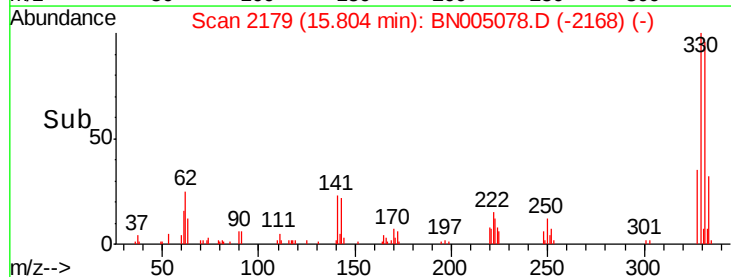
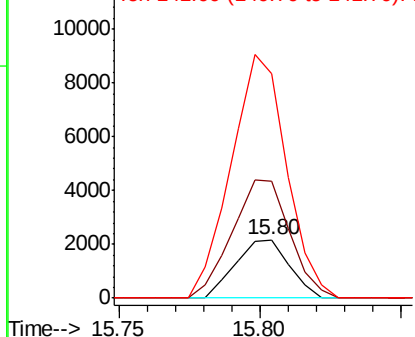


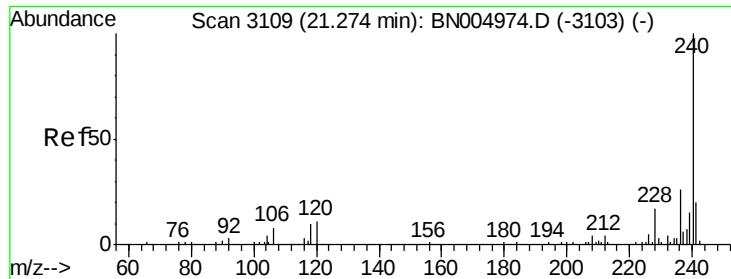
#67
 4-Bromophenyl-phenylether
 Concen: 5.371 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.46 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Tgt Ion:248 Resp: 2844
 Ion Ratio Lower Upper
 248 100
 250 200.7 79.4 119.2#
 141 386.0 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

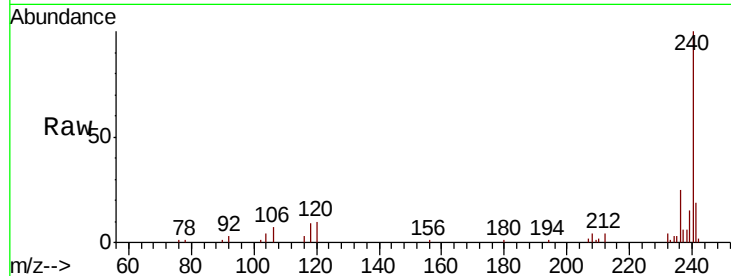




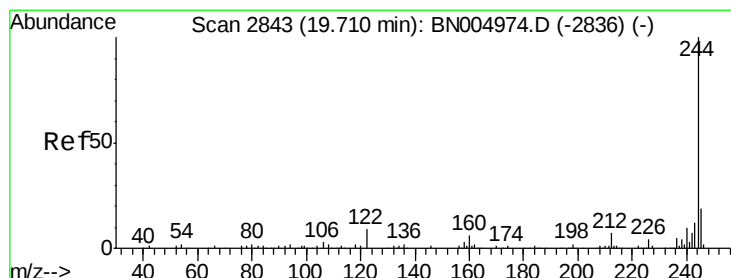
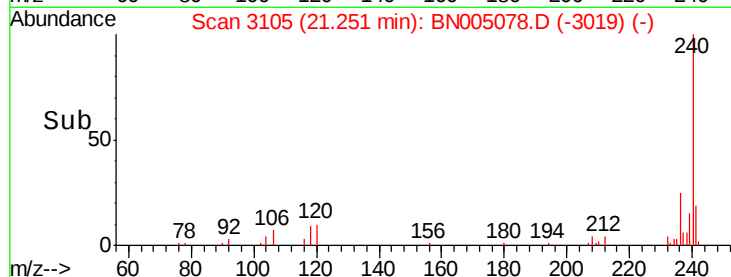
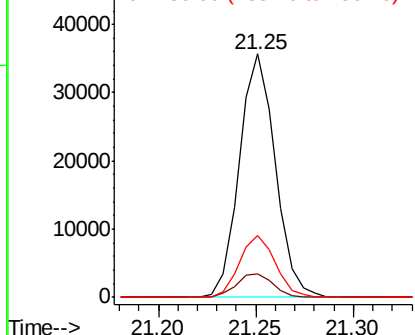
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Instrument :
BNA_N
ClientSampleId :
S9A(2-10)COMP

Tgt Ion:240 Resp: 45528
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.4 21.2 31.8

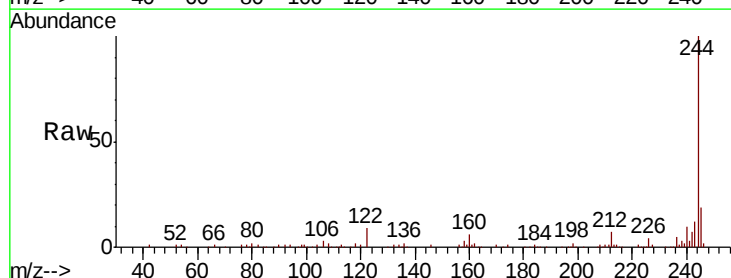


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

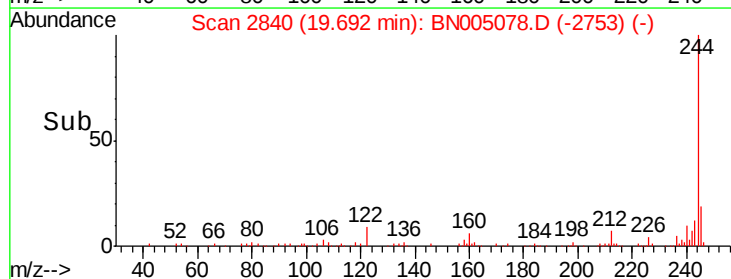
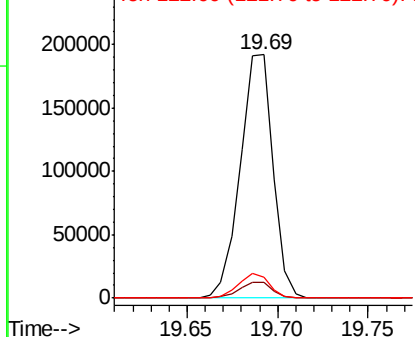


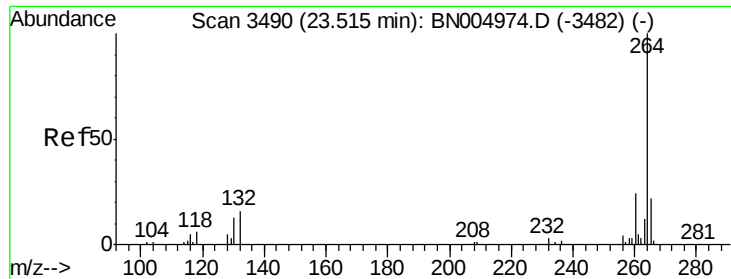
#79
Terphenyl-d14
Concen: 102.027 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Tgt Ion:244 Resp: 241273
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 8.8 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

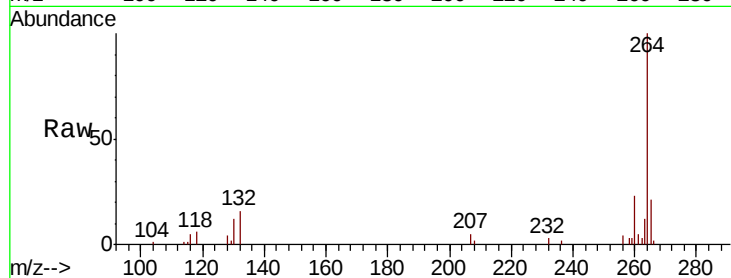




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.04 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Instrument :
BNA_N
ClientSampleId :
S9A(2-10)COMP

Tgt Ion:	264	Resp:	41660
Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

