

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
 Data File : BN005080.D
 Acq On : 04 Apr 2019 03:44
 Operator : JU/SJ
 Sample : K2213-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S9C(2-10)COMP

Quant Time: Apr 04 04:31:43 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

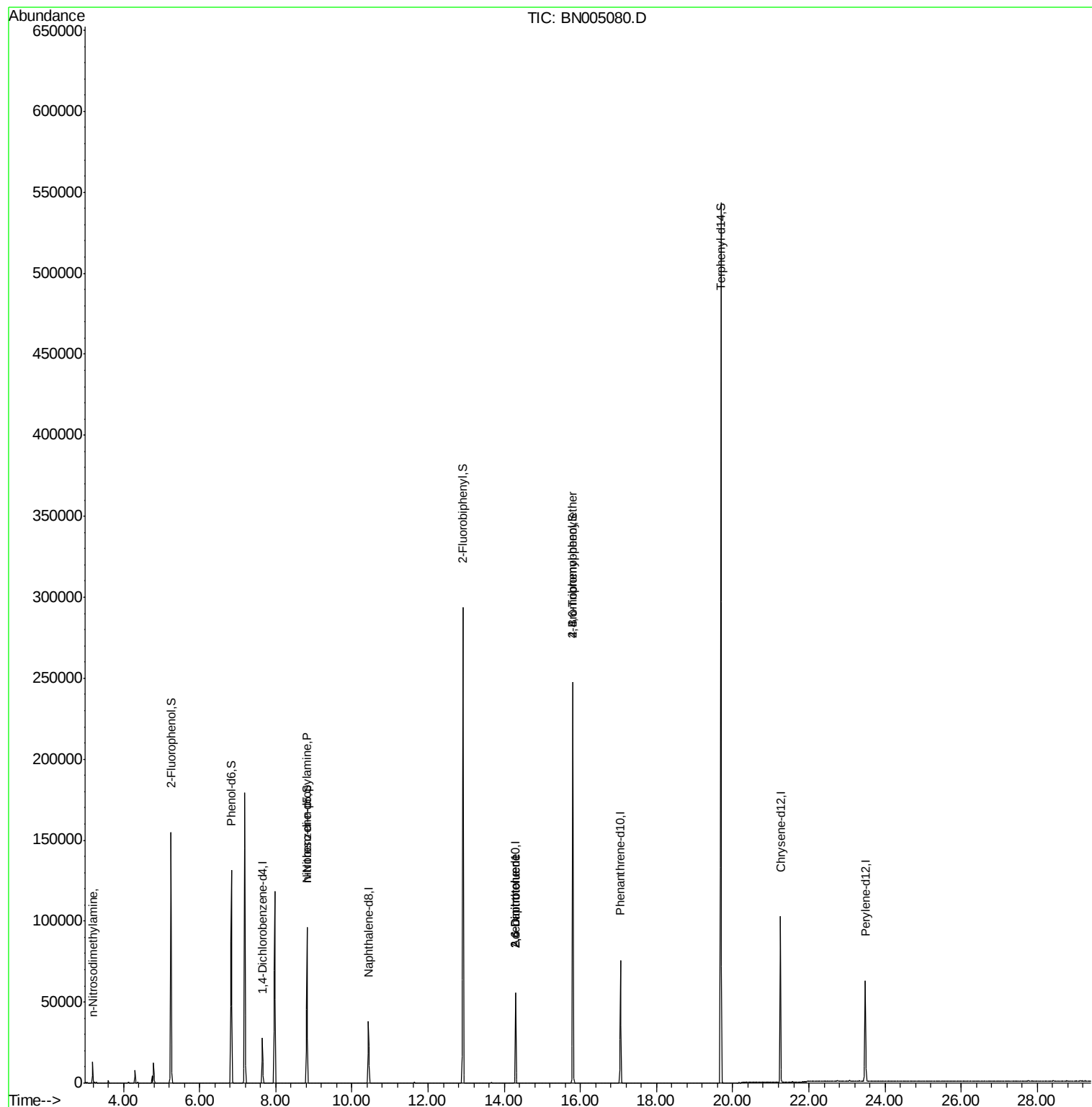
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8833	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	35475	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20633	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	47589	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	52129	20.00	ng	-0.02
87) Perylene-d12	23.48	264	50060	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	70188	137.38	ng	-0.02
7) Phenol-d6	6.83	99	82895	122.33	ng	-0.02
23) Nitrobenzene-d5	8.82	82	57194	97.53	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	56350	169.34	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	153011	98.27	ng	-0.02
79) Terphenyl-d14	19.69	244	276706	102.19	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	860	5.070	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	7295	16.422	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2520	6.533	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2520	4.807	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	3264	5.496	ng	# 1

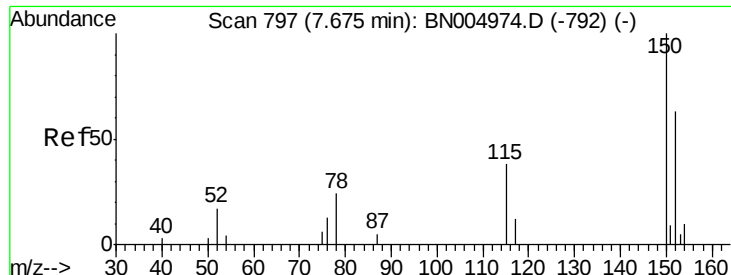
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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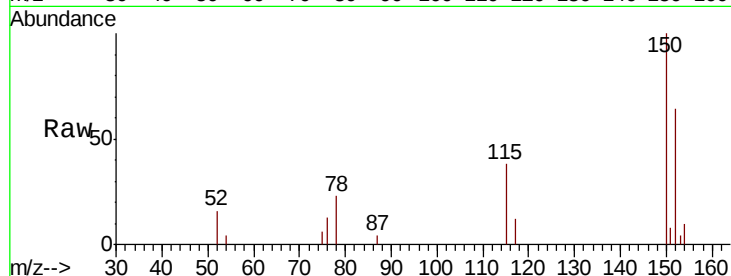


#1

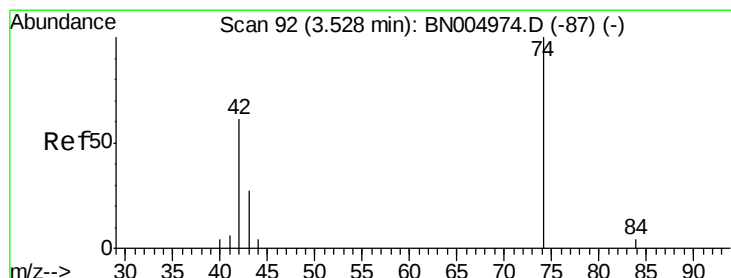
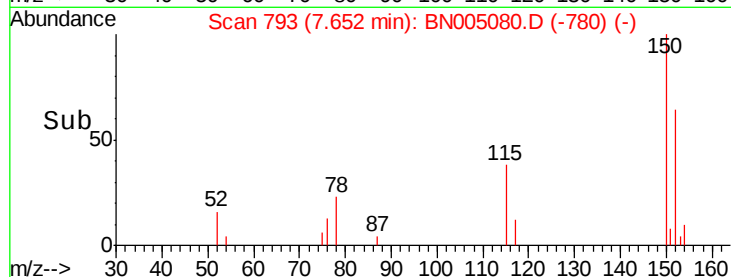
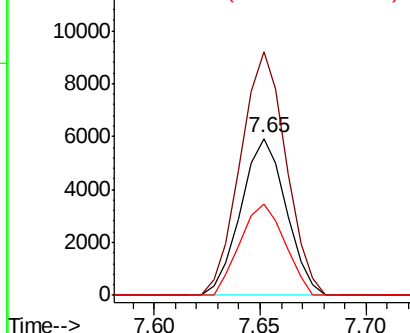
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

Instrument :
BNA_N
ClientSampleId :
S9C(2-10)COMP

Tgt Ion:152 Resp: 8833
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 58.4 47.8 71.6



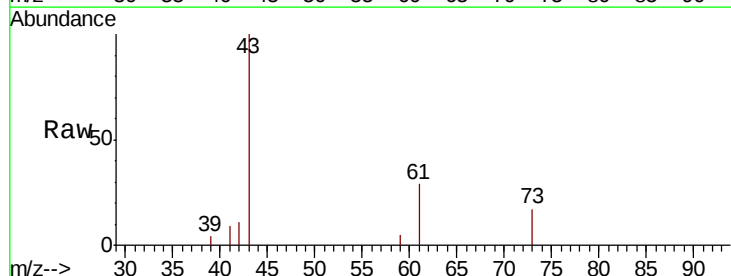
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



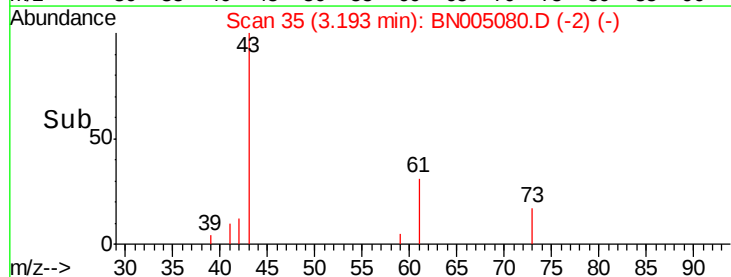
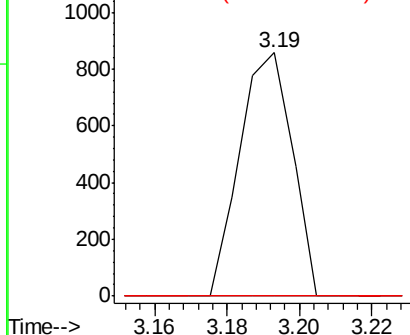
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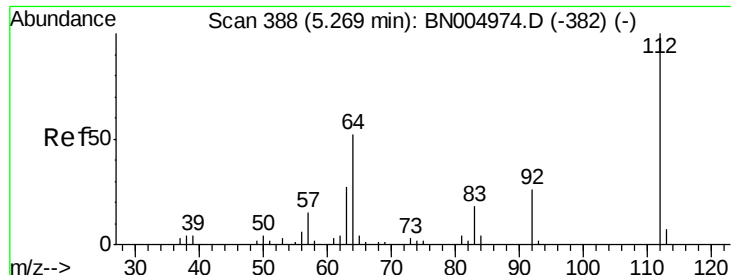
n-Nitrosodimethylamine
Concen: 5.070 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.34 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

Tgt Ion: 42 Resp: 860
Ion Ratio Lower Upper
42 100
74 0.0 130.8 196.2#
44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 137.380 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005080.D

Acq: 04 Apr 2019 03:44

Instrument :

BNA_N

ClientSampleId :

S9C(2-10)COMP

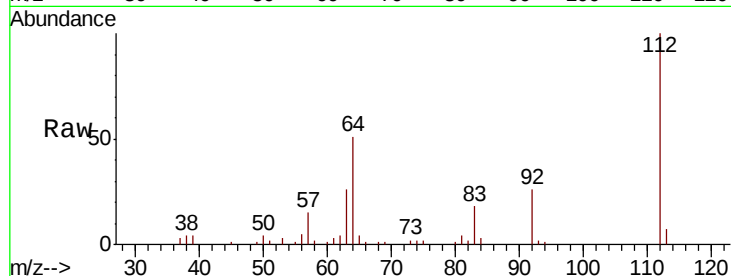
Tgt Ion: 112 Resp: 70188

Ion Ratio Lower Upper

112 100

64 51.2 41.9 62.9

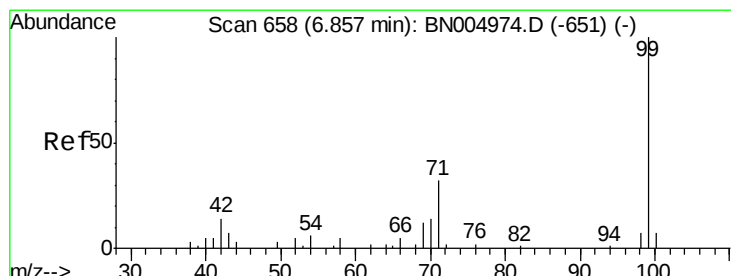
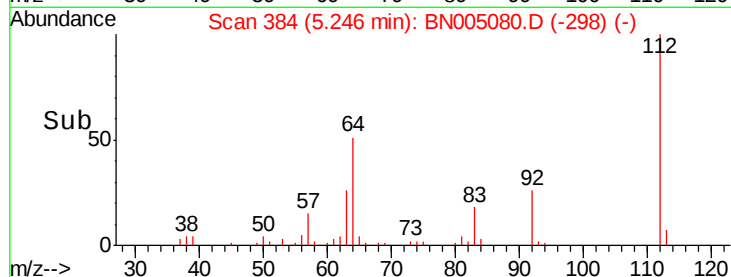
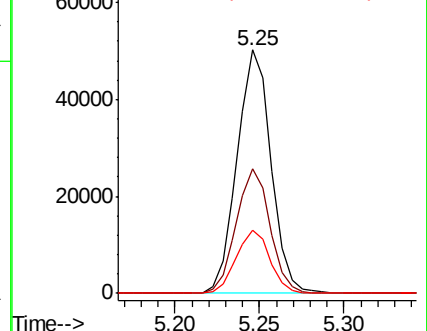
63 25.7 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 122.330 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005080.D

Acq: 04 Apr 2019 03:44

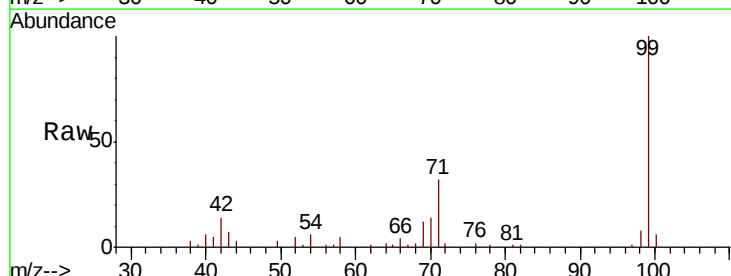
Tgt Ion: 99 Resp: 82895

Ion Ratio Lower Upper

99 100

42 13.6 11.4 17.0

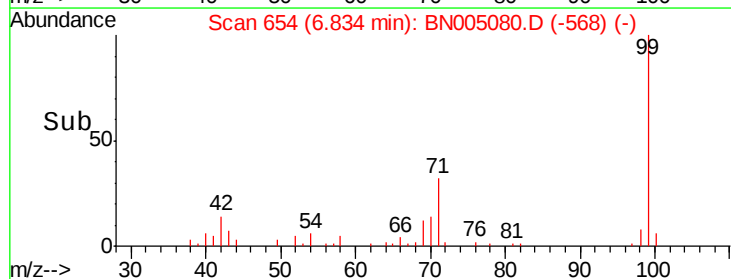
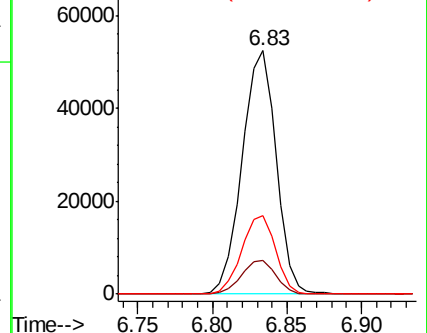
71 32.0 25.8 38.8

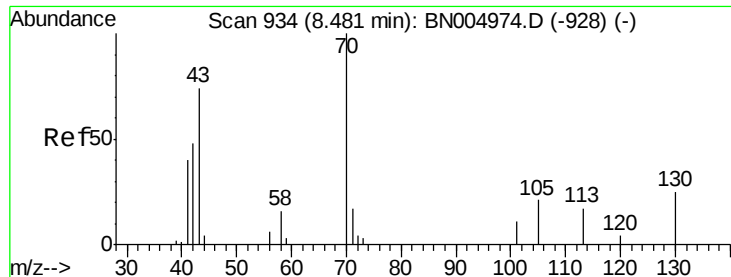


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

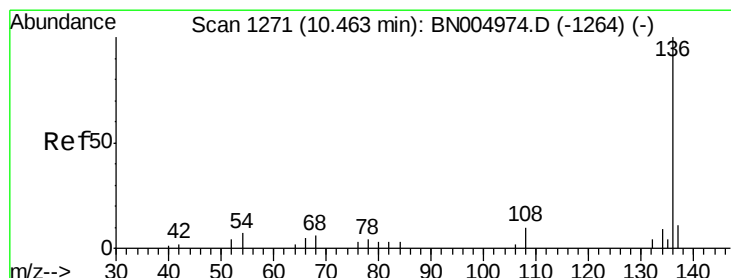
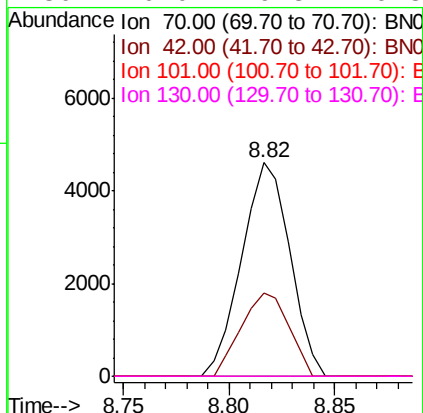
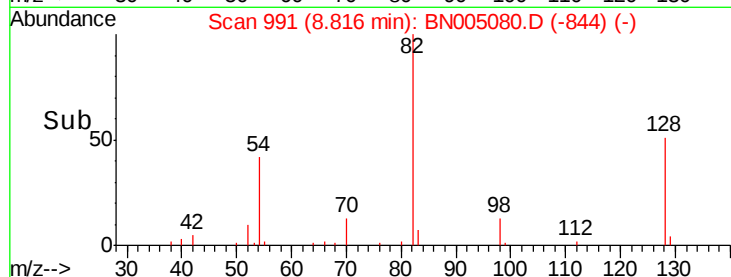
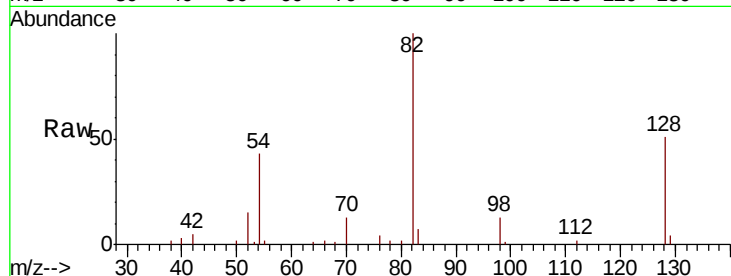




#19
n-Nitroso-di-n-propylamine
Concen: 16.422 ng
RT: 8.82 min Scan# 991
Delta R.T. 0.34 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

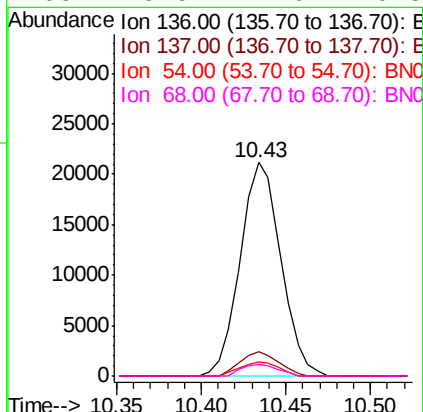
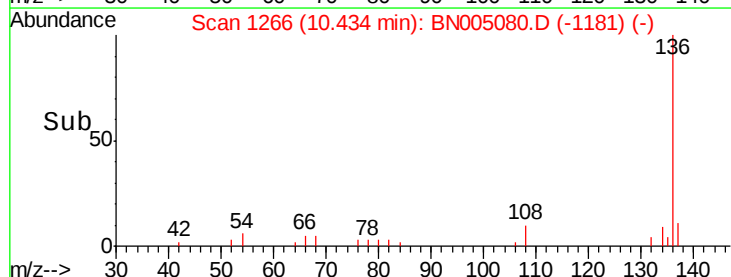
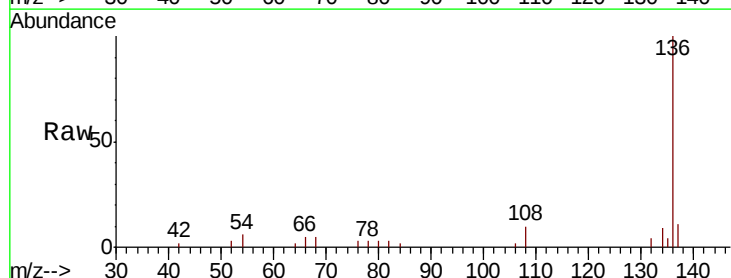
Instrument :
BNA_N
ClientSampleId :
S9C(2-10)COMP

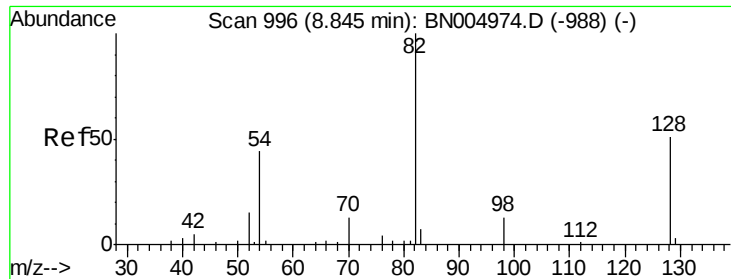
Tgt Ion: 70 Resp: 7295
Ion Ratio Lower Upper
70 100
42 38.8 38.4 57.6
101 0.0 8.8 13.2#
130 0.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

Tgt Ion: 136 Resp: 35475
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.4 5.3 7.9
68 5.5 4.6 6.8

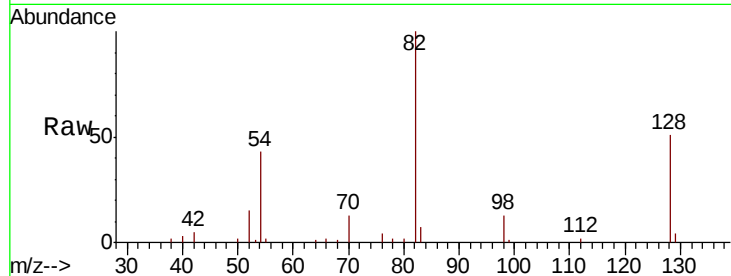




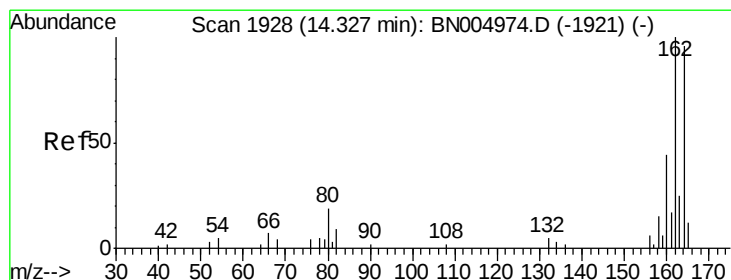
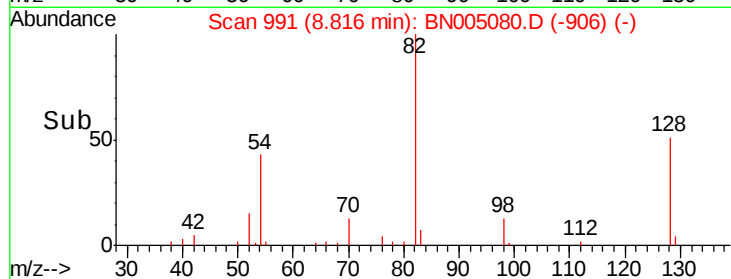
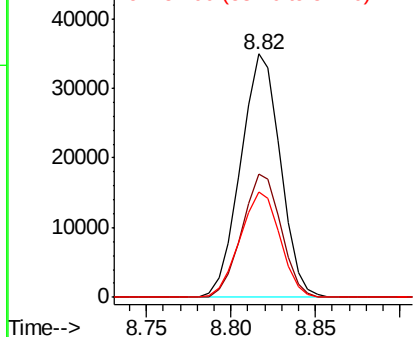
#23
Nitrobenzene-d5
Concen: 97.526 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

Instrument :
BNA_N
ClientSampleId :
S9C(2-10)COMP

Tgt Ion: 82 Resp: 57194
Ion Ratio Lower Upper
82 100
128 50.7 40.6 60.8
54 43.5 35.2 52.8

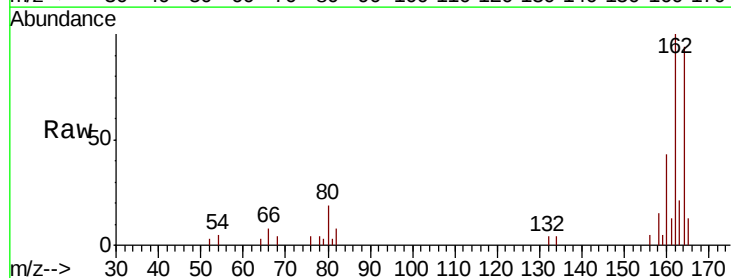


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

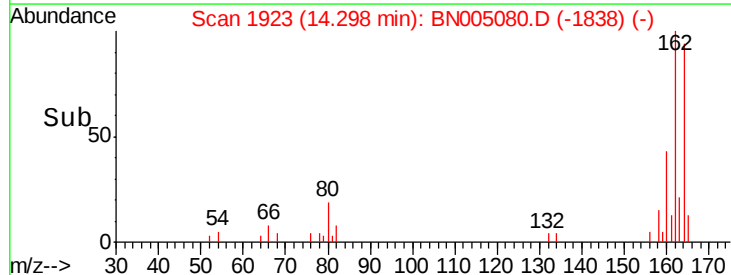
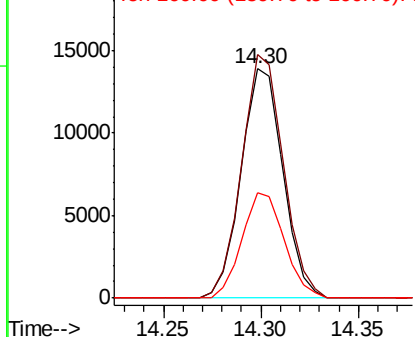


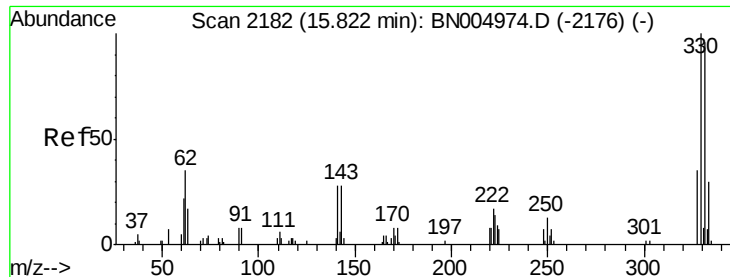
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

Tgt Ion: 164 Resp: 20633
Ion Ratio Lower Upper
164 100
162 106.1 83.4 125.0
160 45.8 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

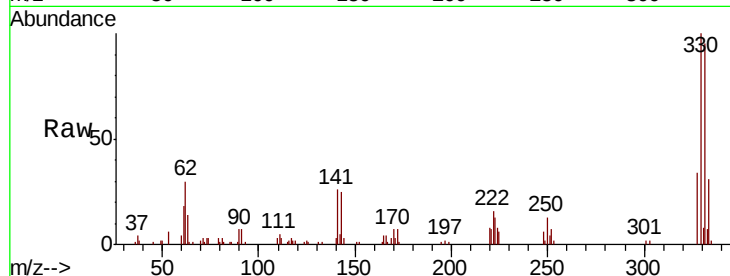




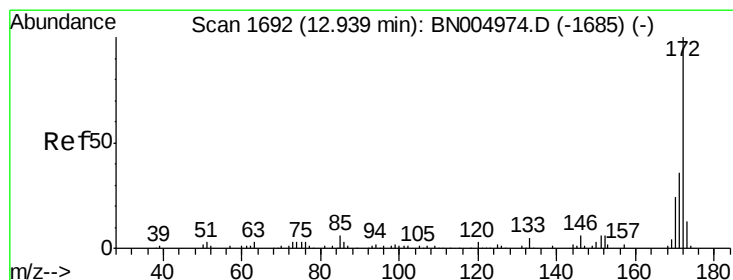
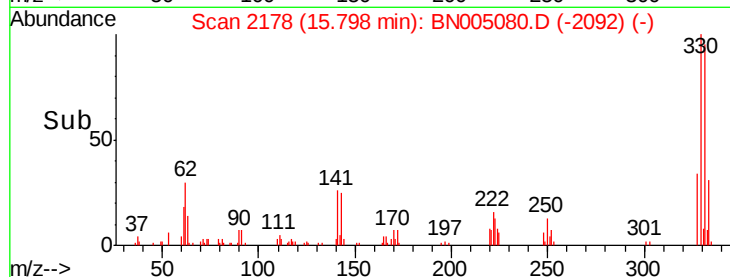
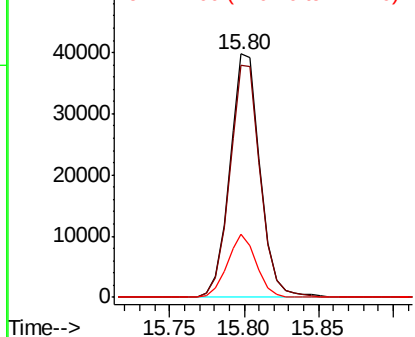
#42
 2,4,6-Tribromophenol
 Concen: 169.335 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005080.D
 Acq: 04 Apr 2019 03:44

Instrument :
 BNA_N
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 S9C(2-10)COMP

Tgt Ion:330 Resp: 56350
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.0
 141 24.8 22.1 33.1

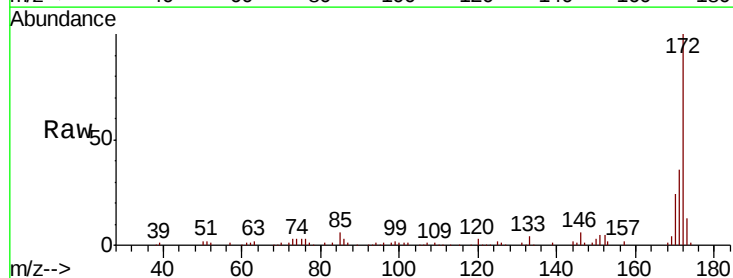


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

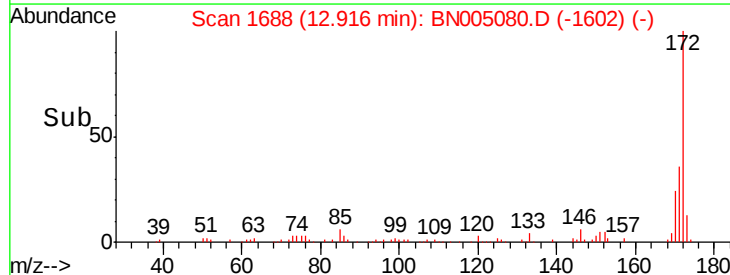
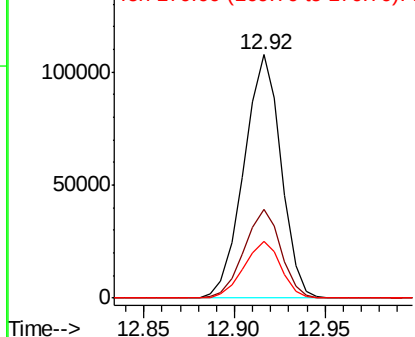


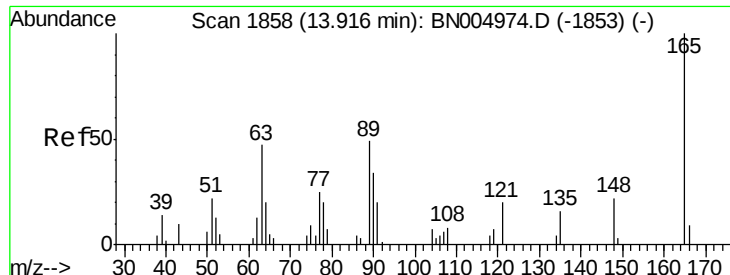
#45
 2-Fluorobiphenyl
 Concen: 98.269 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005080.D
 Acq: 04 Apr 2019 03:44

Tgt Ion:172 Resp: 153011
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

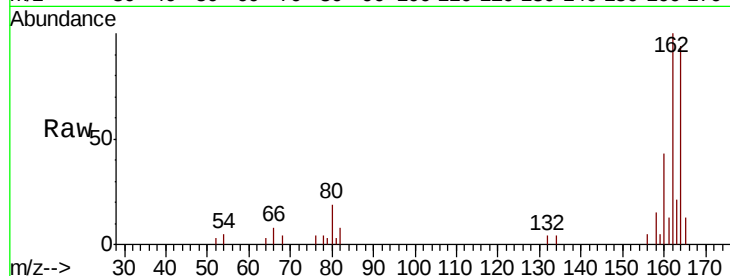




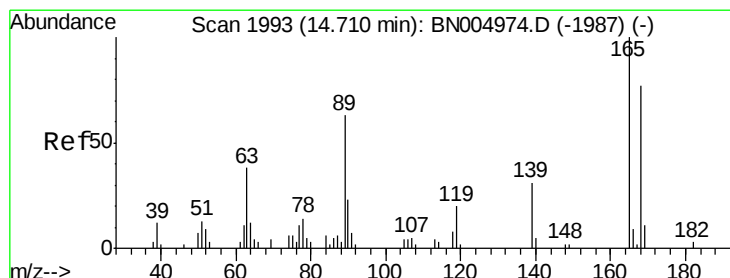
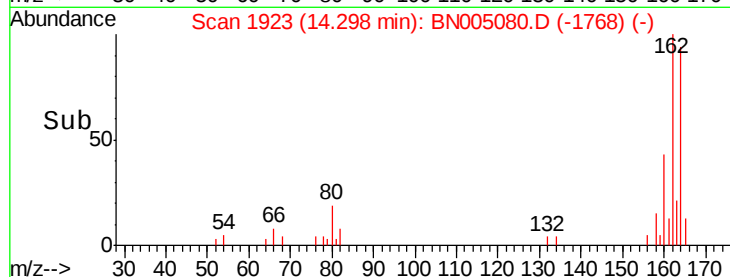
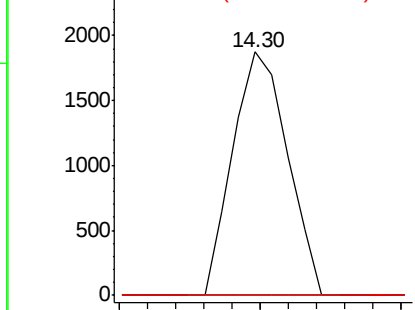
#51
 2,6-Dinitrotoluene
 Concen: 6.533 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005080.D
 Acq: 04 Apr 2019 03:44

Instrument :
 BNA_N
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 S9C(2-10)COMP

Tgt Ion:165 Resp: 2520
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

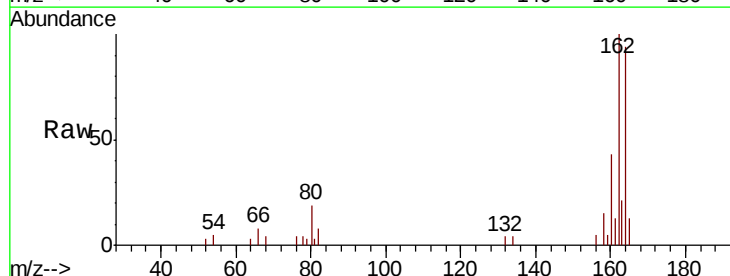


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

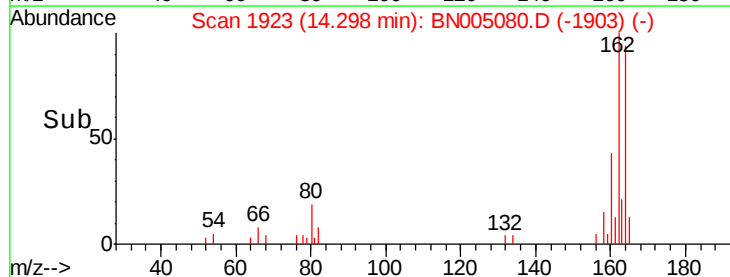
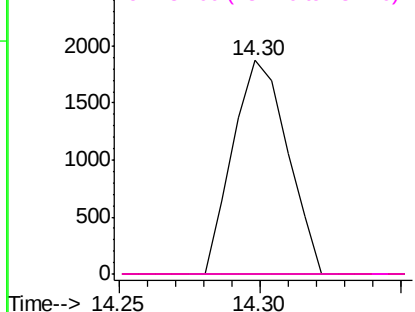


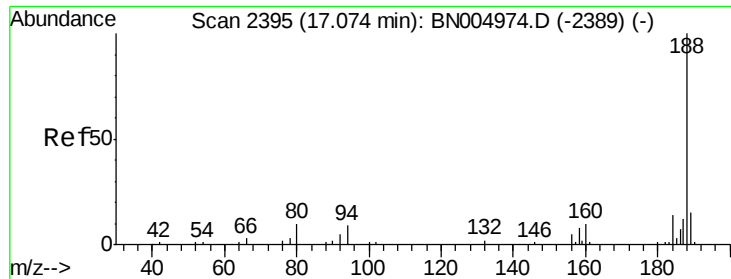
#57
 2,4-Dinitrotoluene
 Concen: 4.807 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005080.D
 Acq: 04 Apr 2019 03:44

Tgt Ion:165 Resp: 2520
 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: BN005080.D

Acq: 04 Apr 2019 03:44

Instrument :

BNA_N

ClientSampleId :

S9C(2-10)COMP

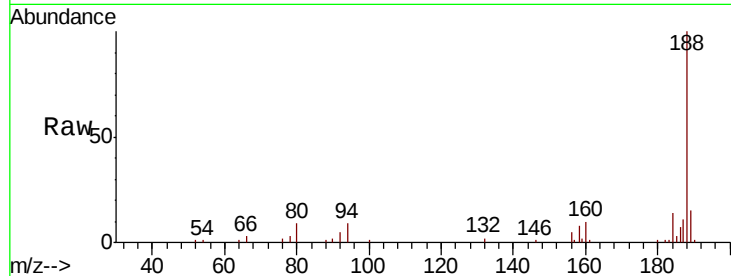
Tgt Ion:188 Resp: 47589

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

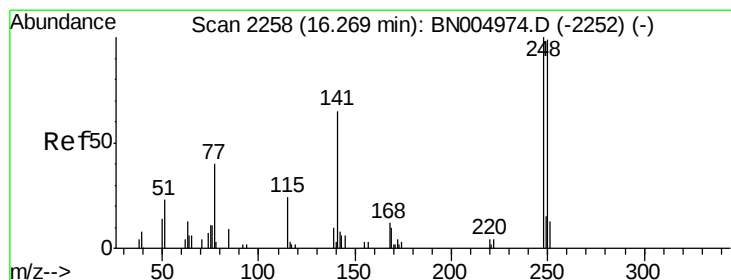
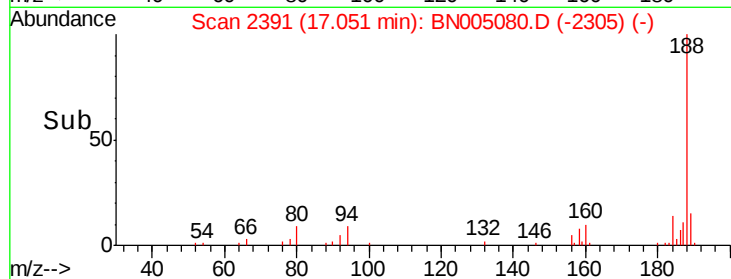
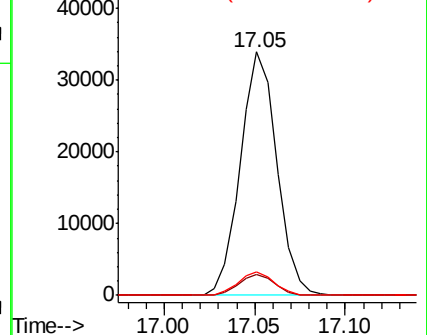
80 9.4 7.8 11.6



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: 5.496 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005080.D

Acq: 04 Apr 2019 03:44

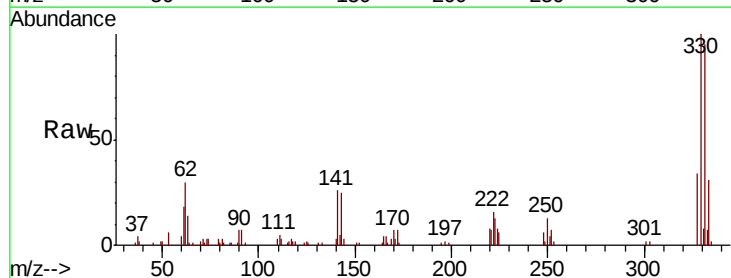
Tgt Ion:248 Resp: 3264

Ion Ratio Lower Upper

248 100

250 207.6 79.4 119.2#

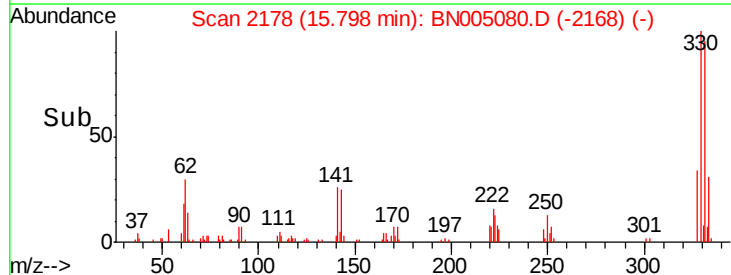
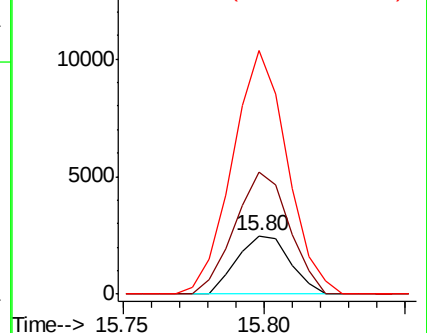
141 416.2 52.3 78.5#

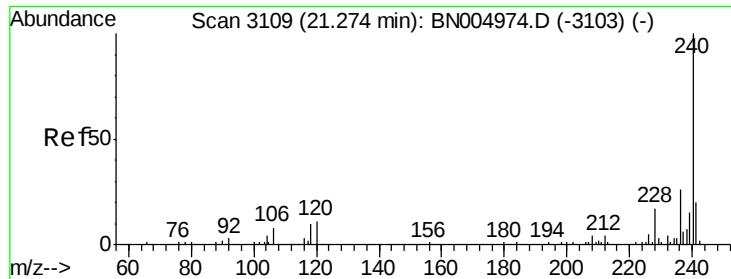


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

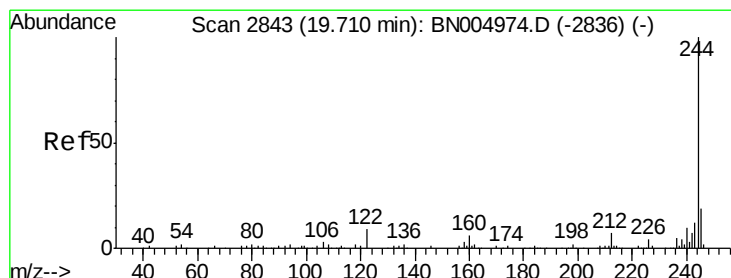
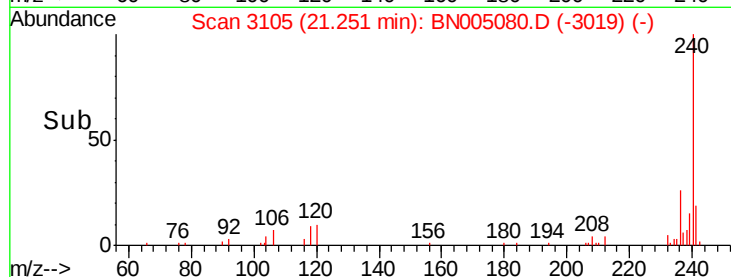
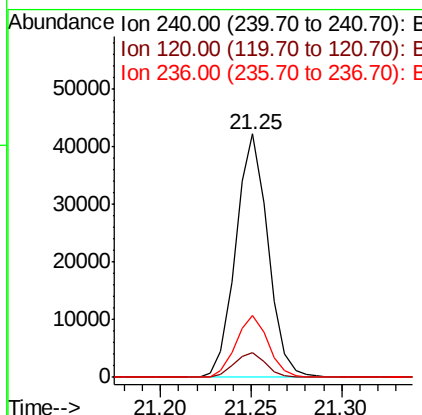
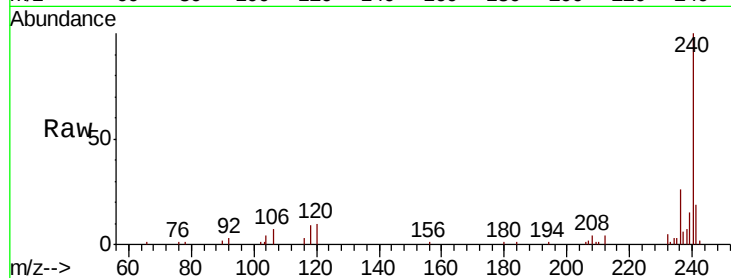




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

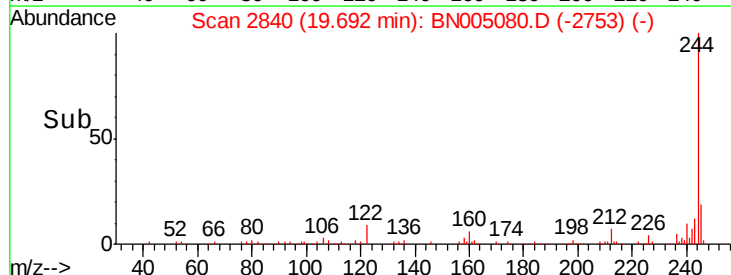
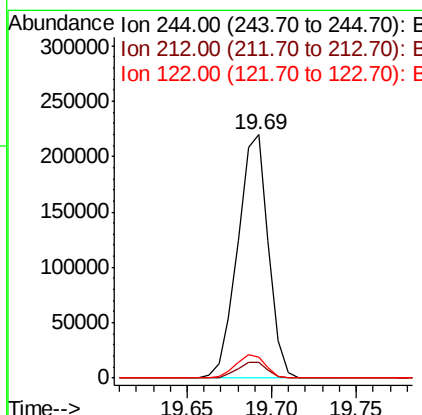
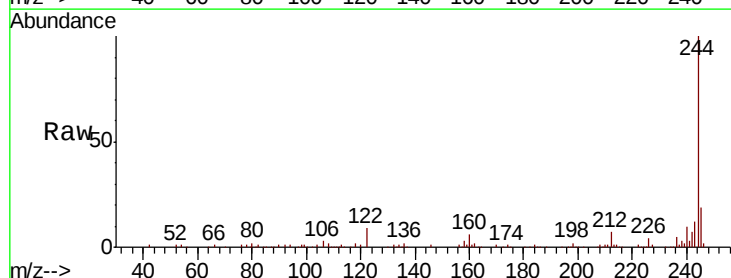
Instrument :
BNA_N
ClientSampleId :
S9C(2-10)COMP

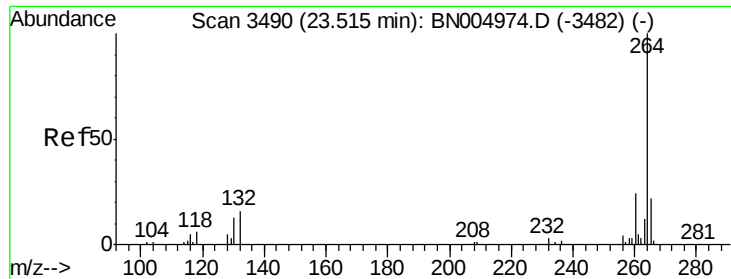
Tgt Ion:240 Resp: 52129
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 25.6 21.2 31.8



#79
Terphenyl-d14
Concen: 102.194 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

Tgt Ion:244 Resp: 276706
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 8.7 7.4 11.2

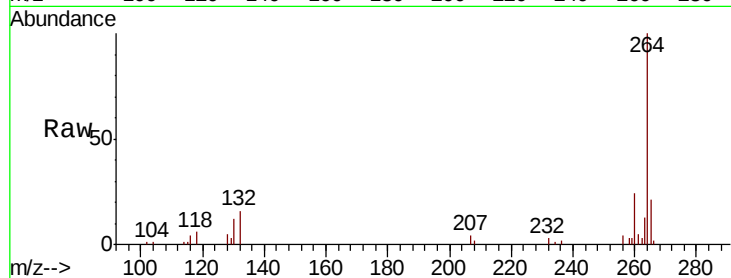




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.04 min
Lab File: BN005080.D
Acq: 04 Apr 2019 03:44

Instrument :
BNA_N
ClientSampleId :
S9C(2-10)COMP

Tgt Ion:	264	Resp:	50060
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.4	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

