

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
 Data File : BN005070.D
 Acq On : 03 Apr 2019 20:40
 Operator : JU/SJ
 Sample : K1695-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DPC-91723-SO-TP5-A

Quant Time: Apr 04 04:29:41 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

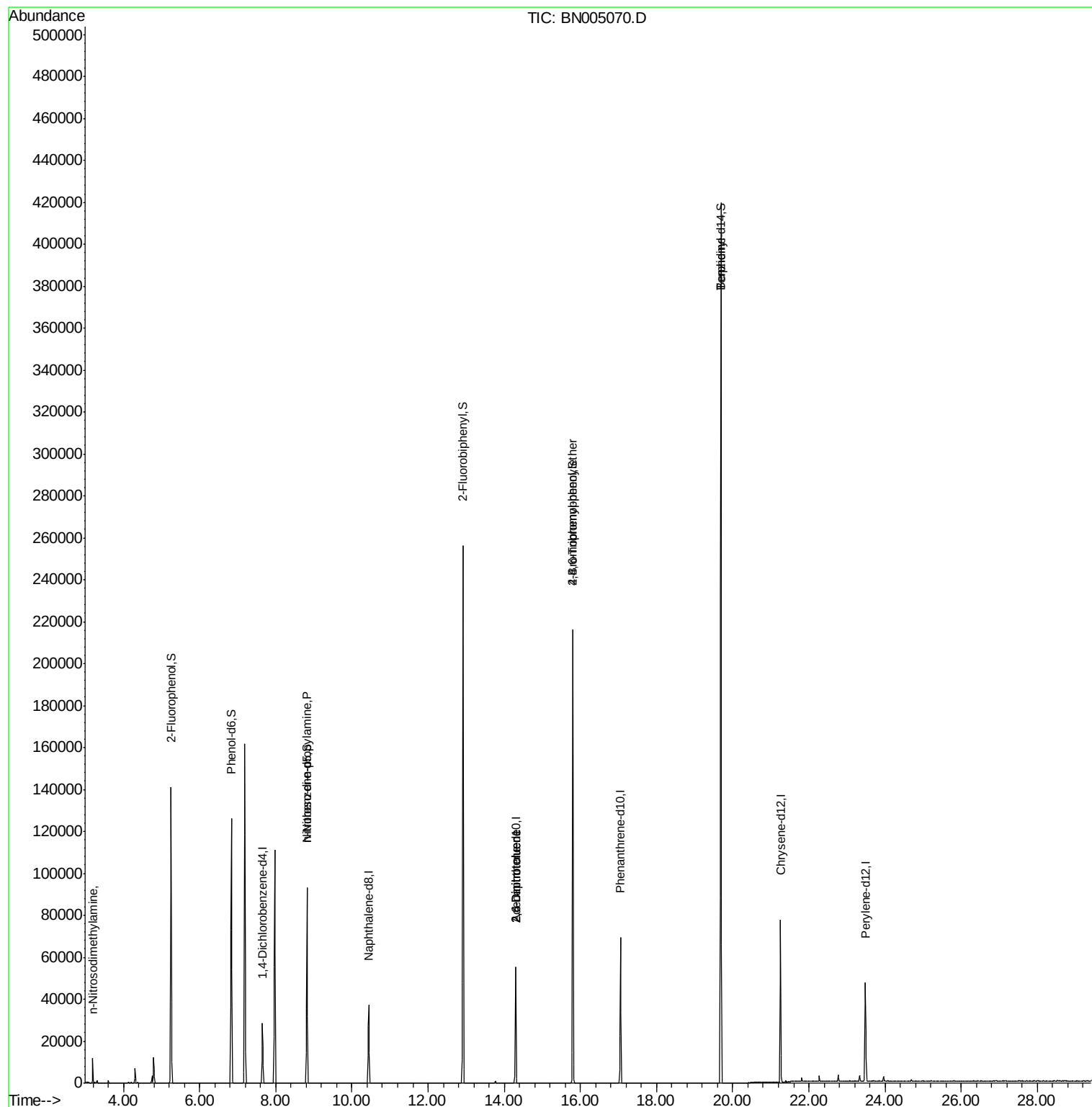
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	9104	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	35636	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	20012	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	42956	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	40359	20.00	ng	-0.02
87) Perylene-d12	23.49	264	39557	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	66794	126.85	ng	-0.02
7) Phenol-d6	6.83	99	77845	111.46	ng	-0.02
23) Nitrobenzene-d5	8.82	82	54280	92.14	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	49753	154.15	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	137153	90.82	ng	-0.02
79) Terphenyl-d14	19.69	244	212004	101.13	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	632	3.615	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	6822	14.900	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2426	6.485	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2426	4.772	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2957	5.516	ng	# 1
77) Benzidine	19.69	184	2553	2.030	ng	# 83

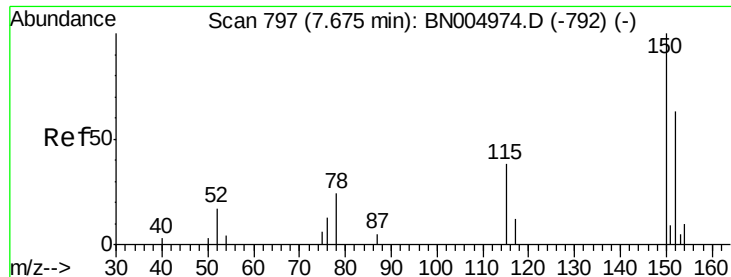
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 05:27:09 2019
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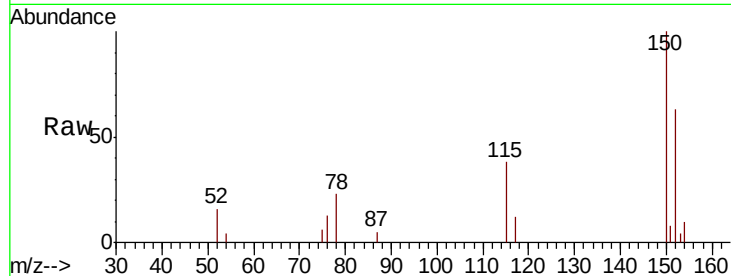


#1

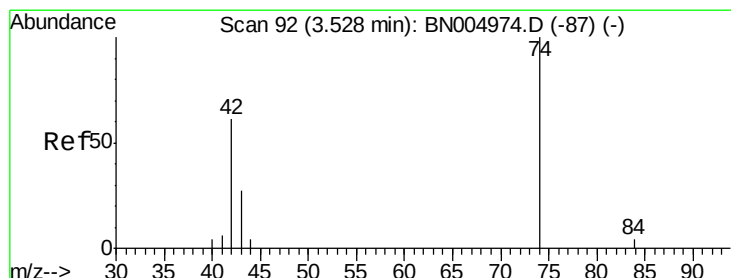
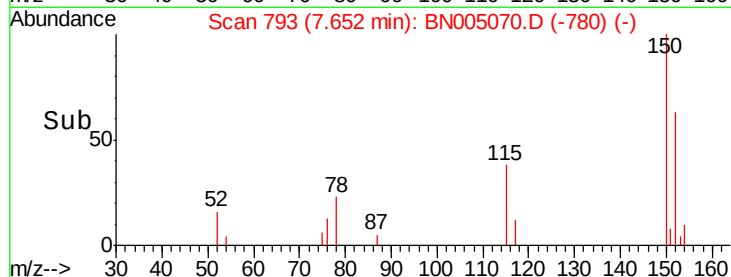
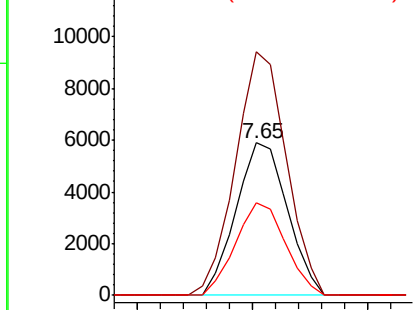
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005070.D
Acq: 03 Apr 2019 20:40

Instrument :
BNA_N
ClientSampleId :
DPC-91723-SO-TP5-A

Tgt Ion:152 Resp: 9104
Ion Ratio Lower Upper
152 100
150 159.8 126.9 190.3
115 60.5 47.8 71.6



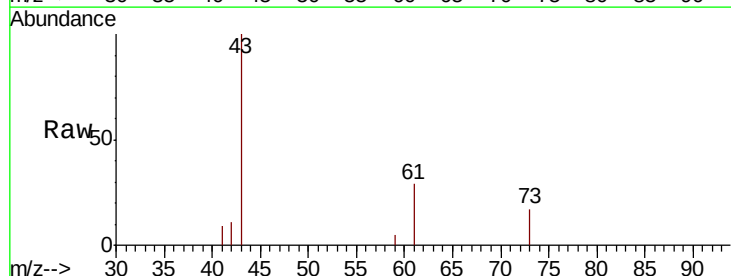
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



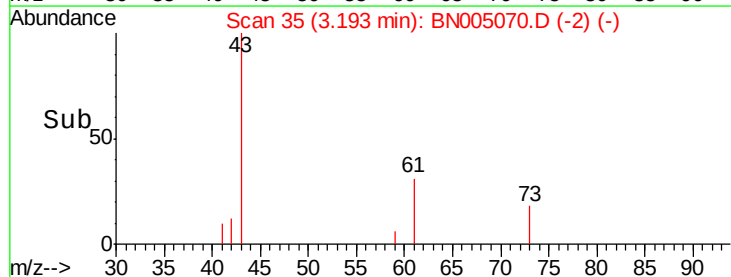
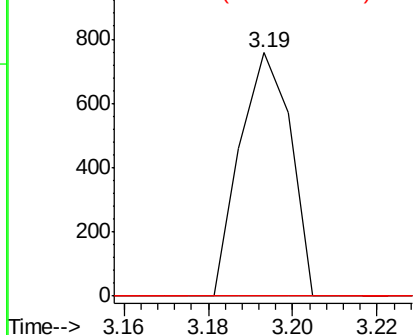
#4

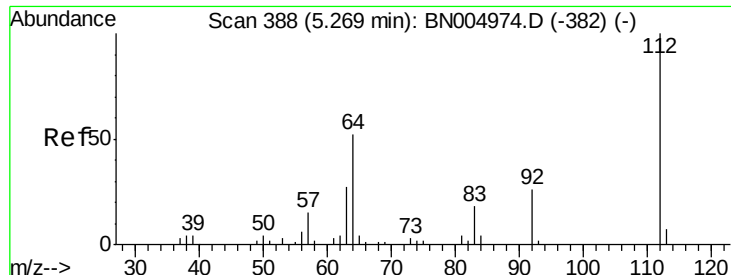
n-Nitrosodimethylamine
Concen: 3.615 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.33 min
Lab File: BN005070.D
Acq: 03 Apr 2019 20:40

Tgt Ion: 42 Resp: 632
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

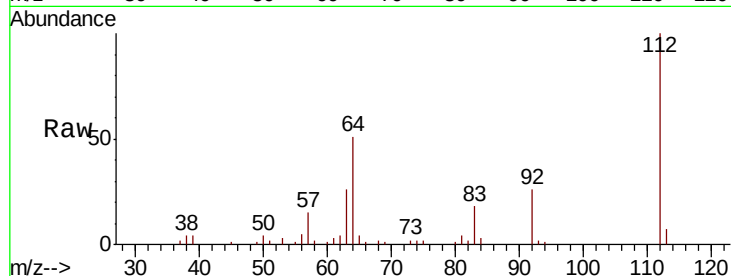




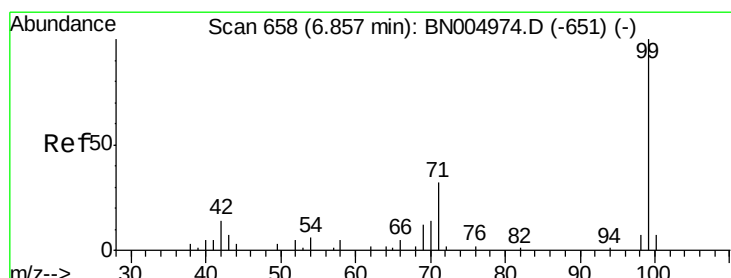
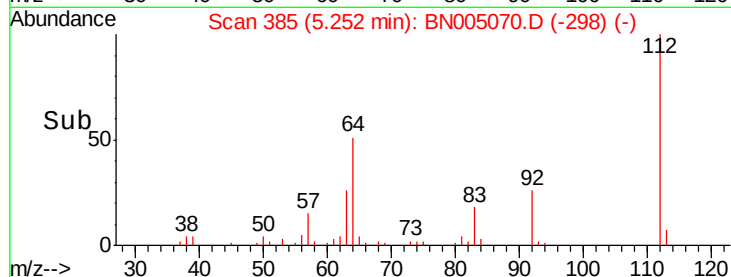
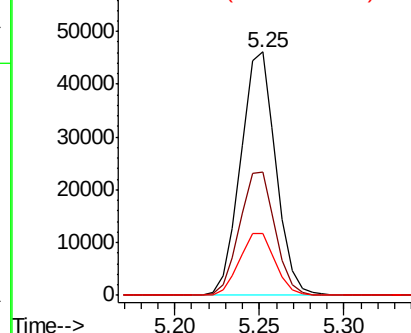
#5
 2-Fluorophenol
 Concen: 126.845 ng
 RT: 5.25 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

Instrument :
 BNA_N
 ClientSampleId :
 DPC-91723-SO-TP5-A

Tgt Ion: 112 Resp: 66794
 Ion Ratio Lower Upper
 112 100
 64 50.6 41.9 62.9
 63 25.6 21.4 32.0

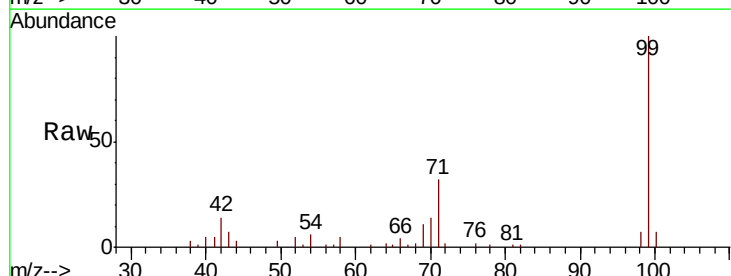


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC

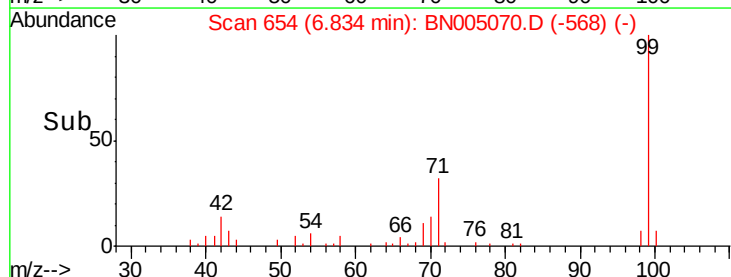
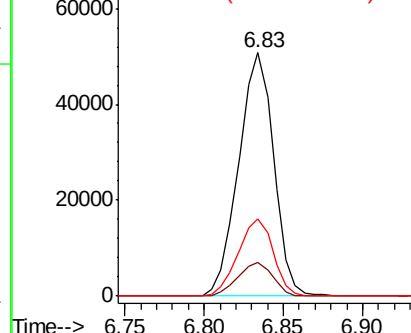


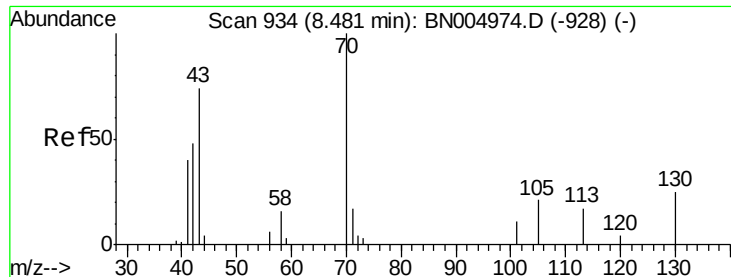
#7
 Phenol-d6
 Concen: 111.458 ng
 RT: 6.83 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

Tgt Ion: 99 Resp: 77845
 Ion Ratio Lower Upper
 99 100
 42 13.7 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

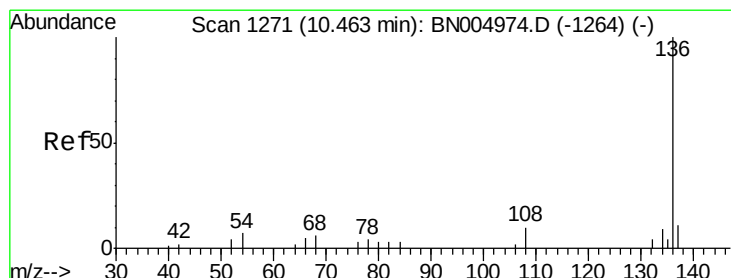
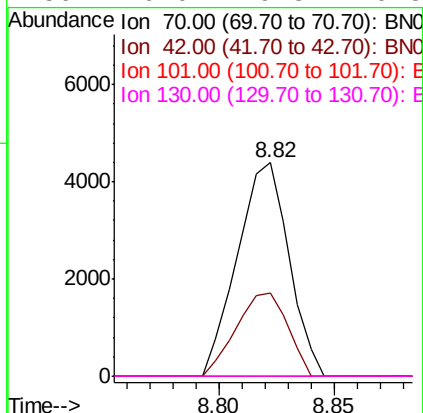
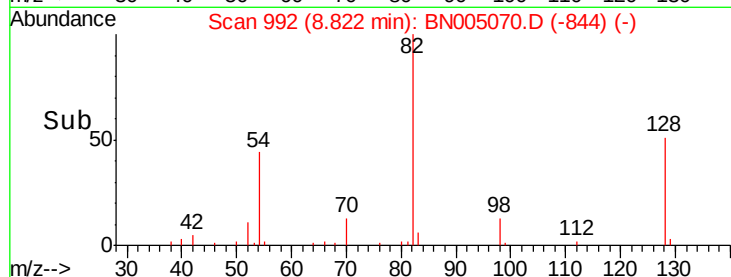
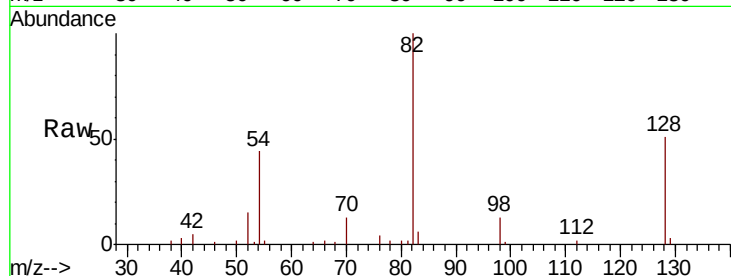




#19
n-Nitroso-di-n-propylamine
Concen: 14.900 ng
RT: 8.82 min Scan# 992
Delta R.T. 0.34 min
Lab File: BN005070.D
Acq: 03 Apr 2019 20:40

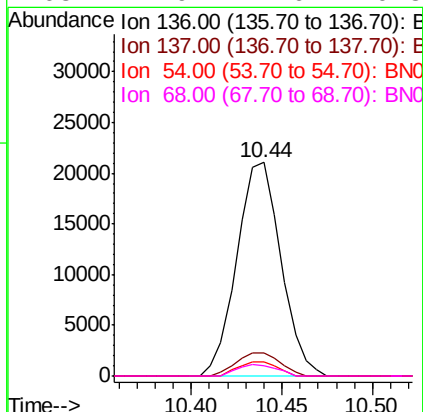
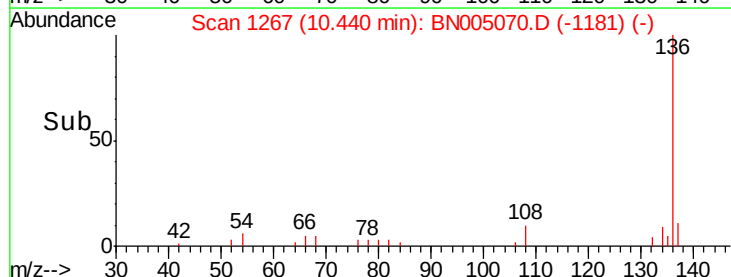
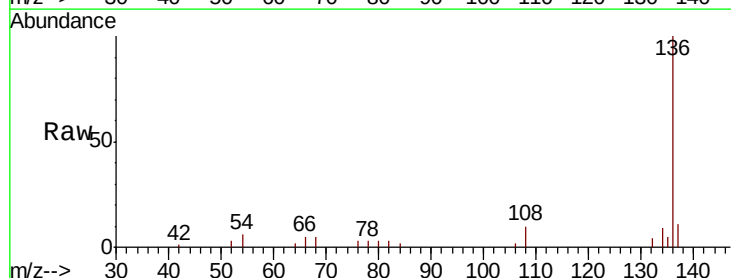
Instrument :
BNA_N
ClientSampleId :
DPC-91723-SO-TP5-A

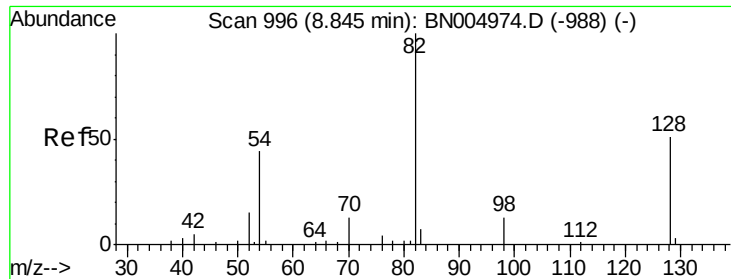
Tgt Ion: 70 Resp: 6822
Ion Ratio Lower Upper
70 100
42 38.7 38.4 57.6
101 0.0 8.8 13.2#
130 0.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BN005070.D
Acq: 03 Apr 2019 20:40

Tgt Ion: 136 Resp: 35636
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 5.3 7.9
68 4.9 4.6 6.8

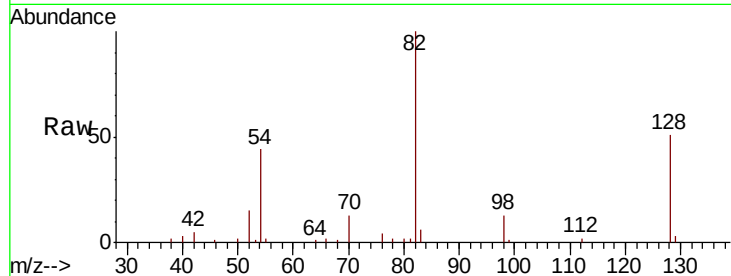




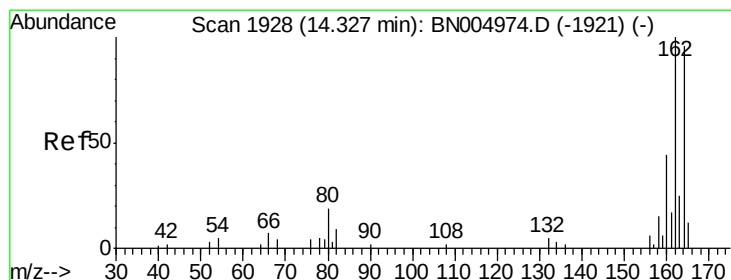
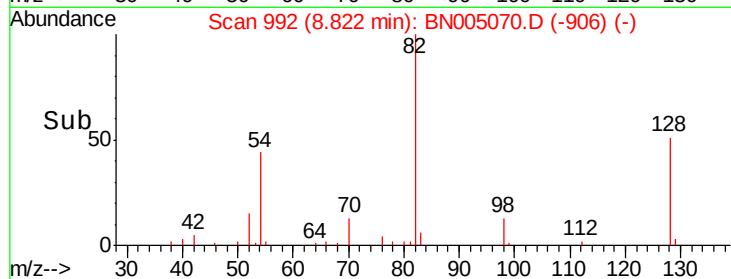
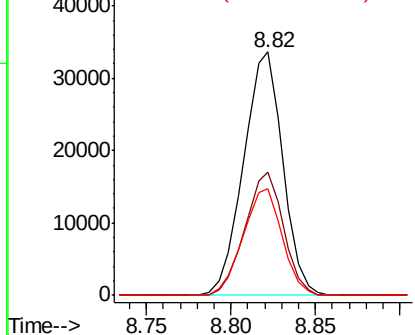
#23
 Nitrobenzene-d5
 Concen: 92.139 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

Instrument :
 BNA_N
 ClientSampleId :
 DPC-91723-SO-TP5-A

Tgt Ion: 82 Resp: 54280
 Ion Ratio Lower Upper
 82 100
 128 50.7 40.6 60.8
 54 43.6 35.2 52.8

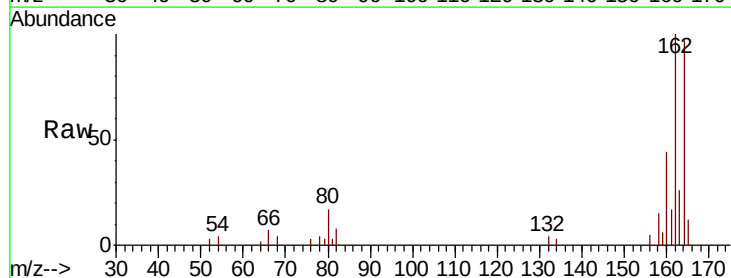


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

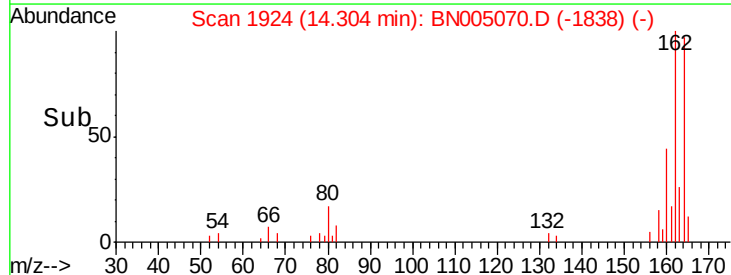
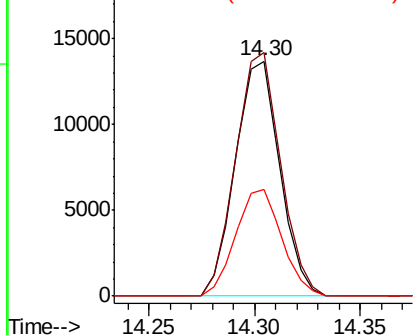


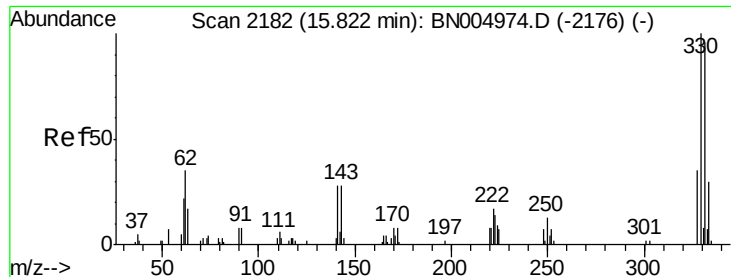
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

Tgt Ion: 164 Resp: 20012
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.4 125.0
 160 45.6 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

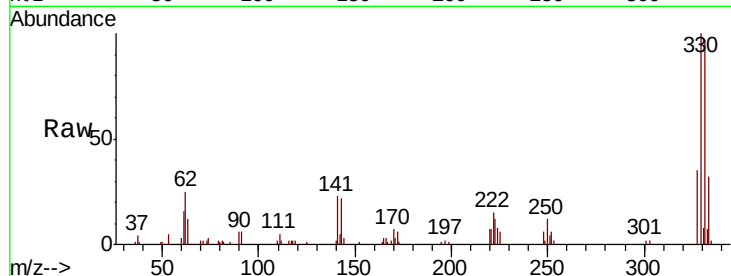




#42
 2,4,6-Tribromophenol
 Concen: 154.150 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

Instrument :
 BNA_N
 ClientSampleId :
 DPC-91723-SO-TP5-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	25.1	22.1	33.1

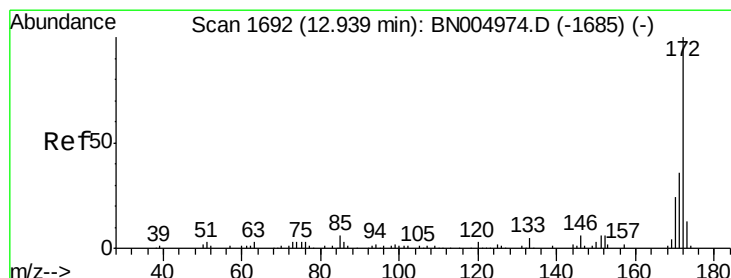
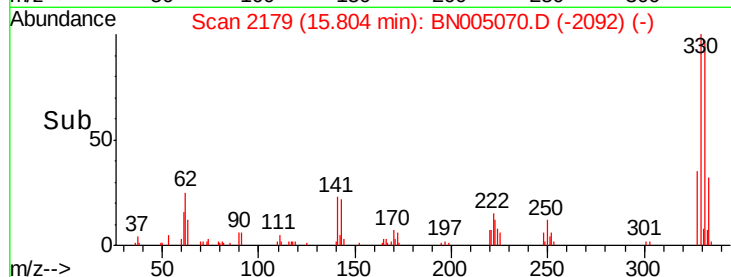
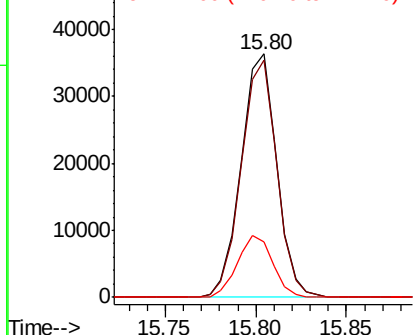


Abundance

Ion 329.80 (329.50 to 330.50): E

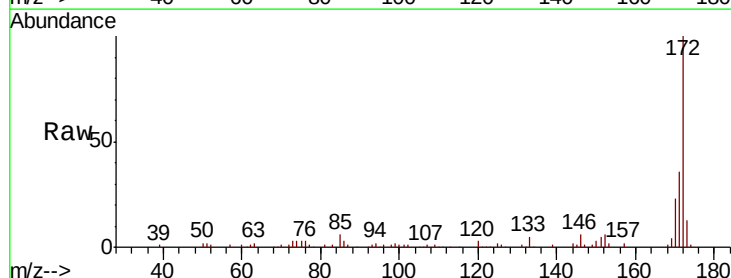
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.818 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.3	18.9	28.3

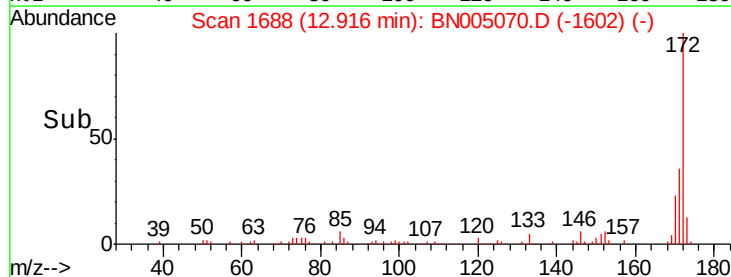
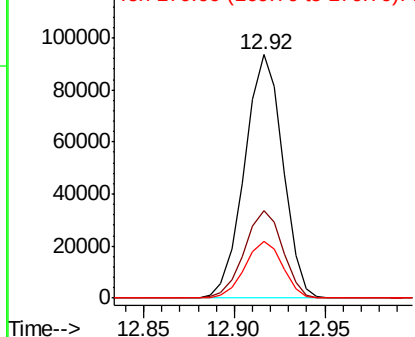


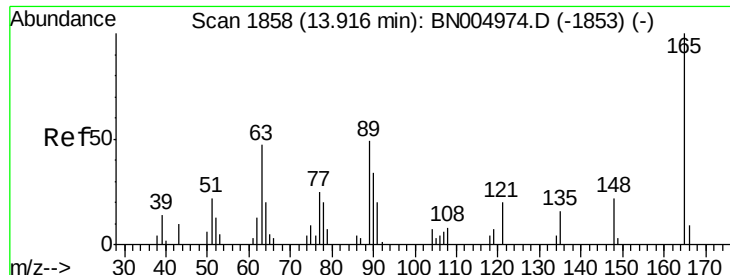
Abundance

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

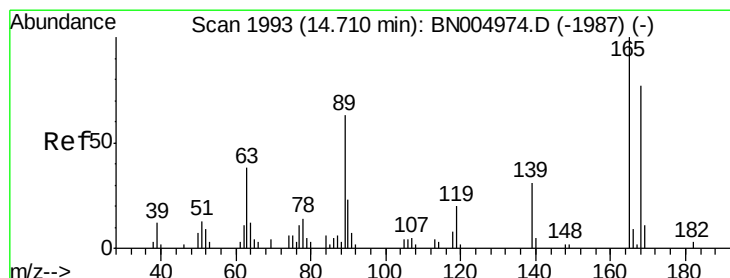
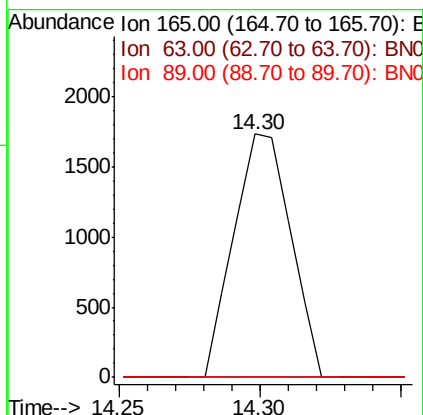
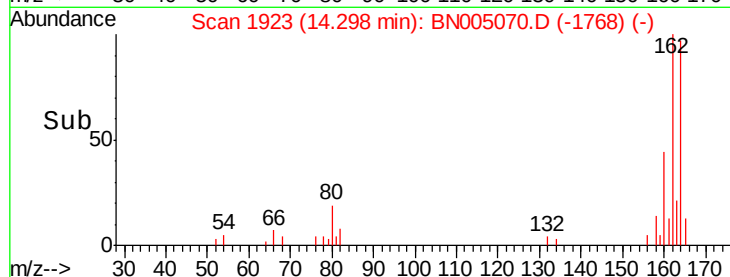
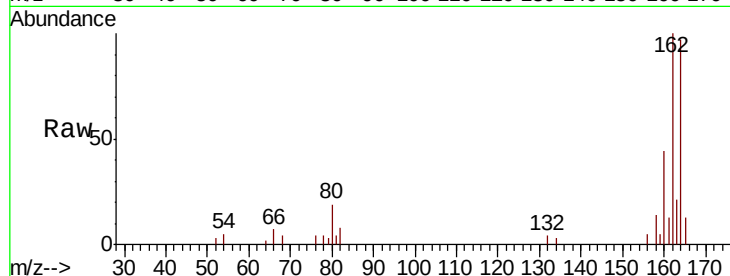




#51
 2,6-Dinitrotoluene
 Concen: 6.485 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

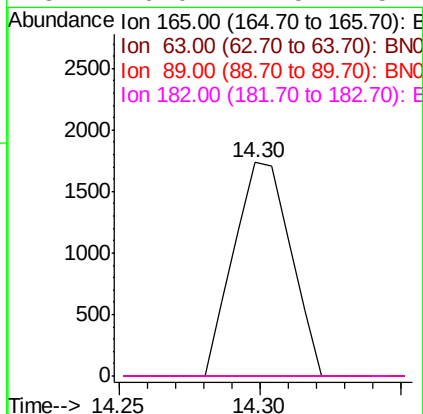
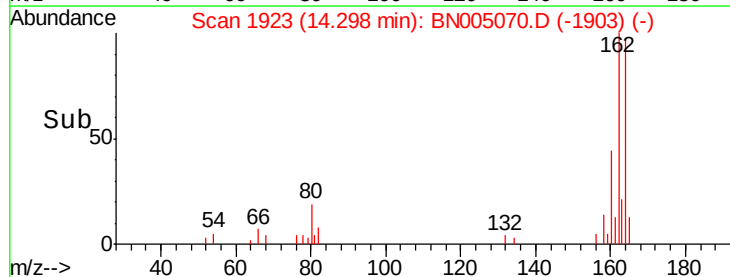
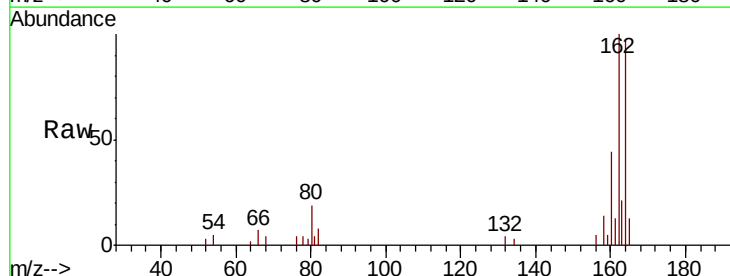
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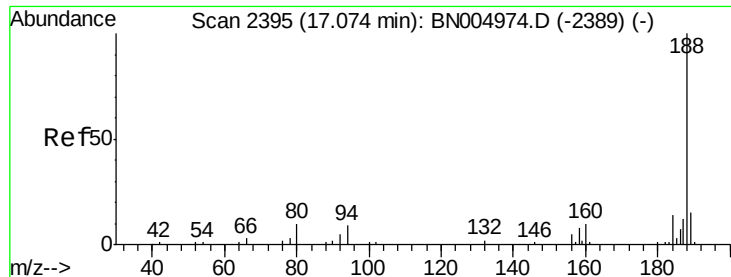
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#



#57
 2,4-Dinitrotoluene
 Concen: 4.772 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005070.D

Acq: 03 Apr 2019 20:40

Instrument :

BNA_N

ClientSampleId :

DPC-91723-SO-TP5-A

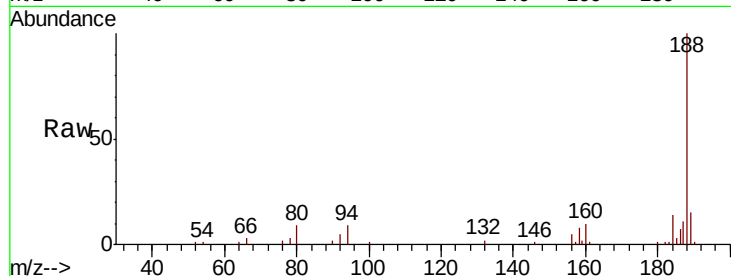
Tgt Ion:188 Resp: 42956

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

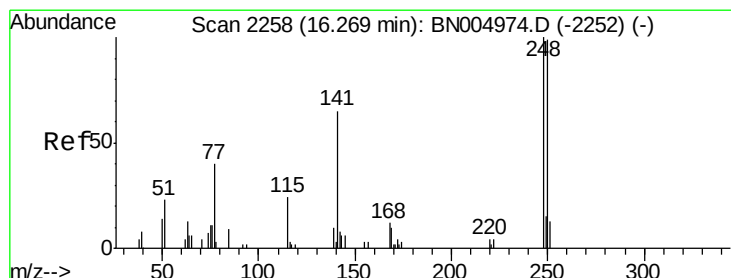
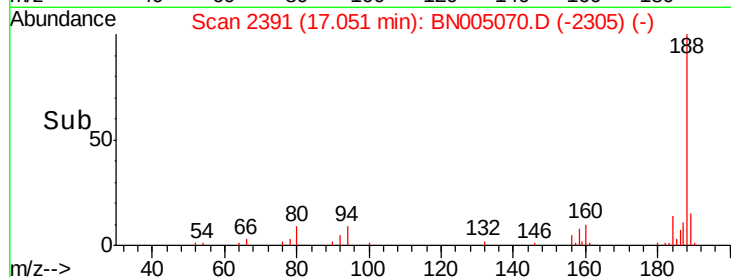
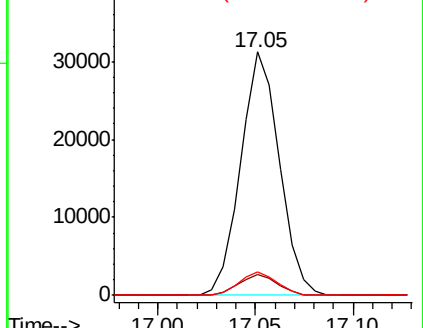
80 9.5 7.8 11.6



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



#67

4-Bromophenyl-phenylether

Concen: 5.516 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005070.D

Acq: 03 Apr 2019 20:40

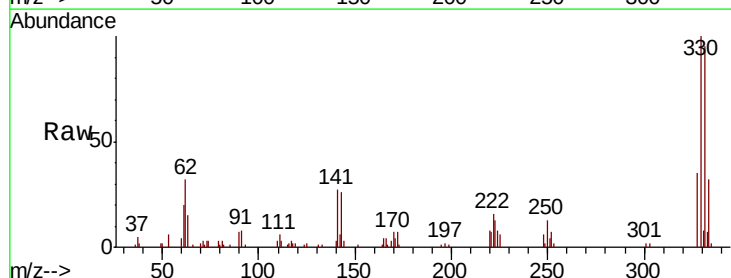
Tgt Ion:248 Resp: 2957

Ion Ratio Lower Upper

248 100

250 203.7 79.4 119.2#

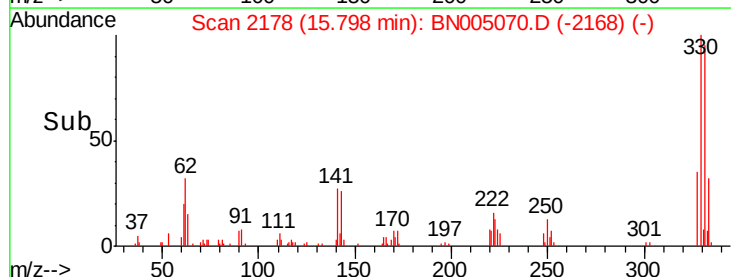
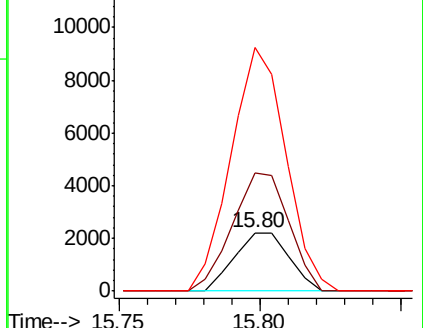
141 419.0 52.3 78.5#

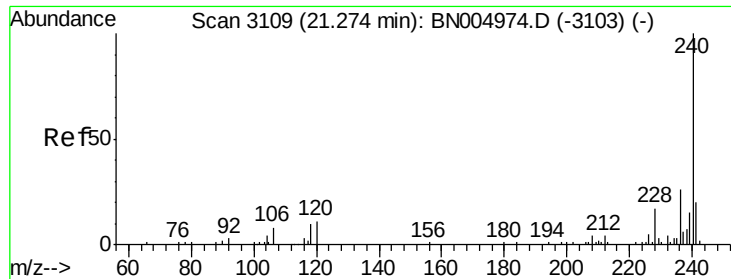


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

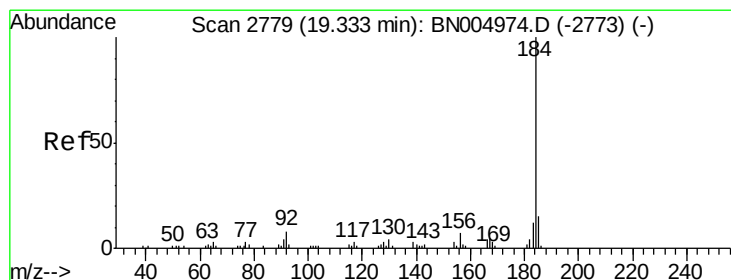
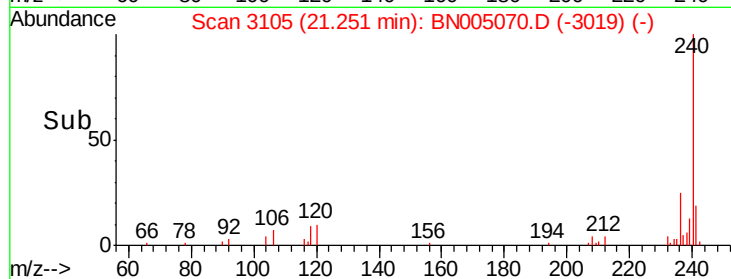
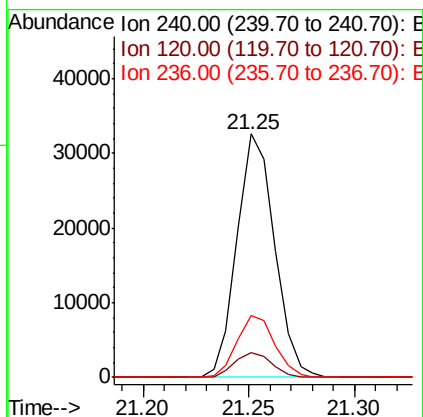
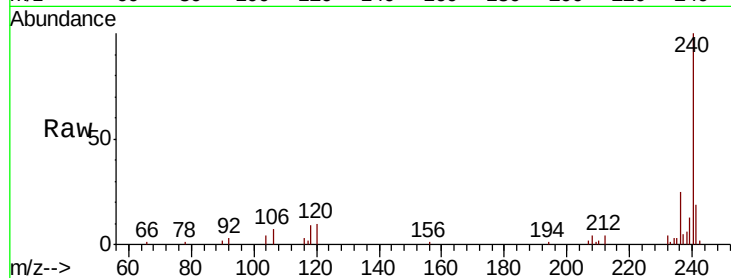




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

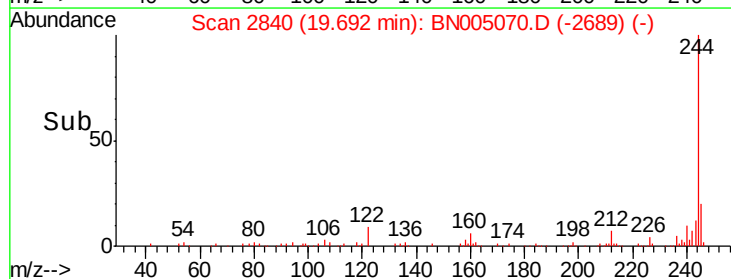
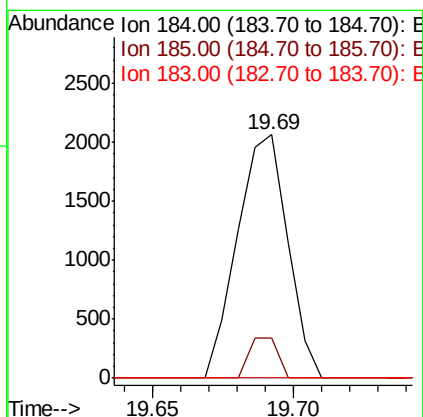
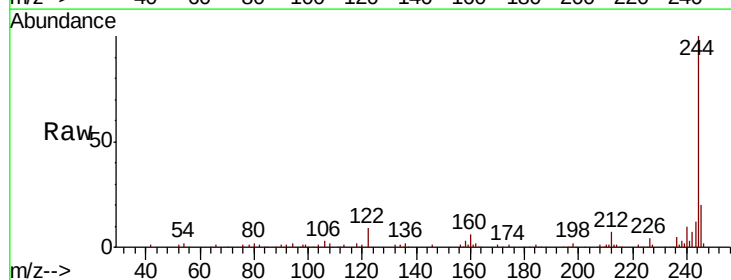
Instrument :
 BNA_N
 ClientSampleId :
 DPC-91723-SO-TP5-A

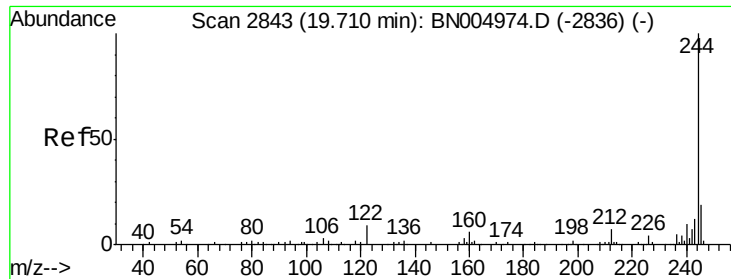
Tgt Ion: 240 Resp: 40359
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.5 12.7
 236 25.3 21.2 31.8



#77
 Benzidine
 Concen: 2.030 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. 0.36 min
 Lab File: BN005070.D
 Acq: 03 Apr 2019 20:40

Tgt Ion: 184 Resp: 2553
 Ion Ratio Lower Upper
 184 100
 185 16.6 11.8 17.8
 183 0.0 9.9 14.9#





#79

Terphenyl-d14

Concen: 101.132 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005070.D

Acq: 03 Apr 2019 20:40

Instrument :

BNA_N

ClientSampleId :

DPC-91723-SO-TP5-A

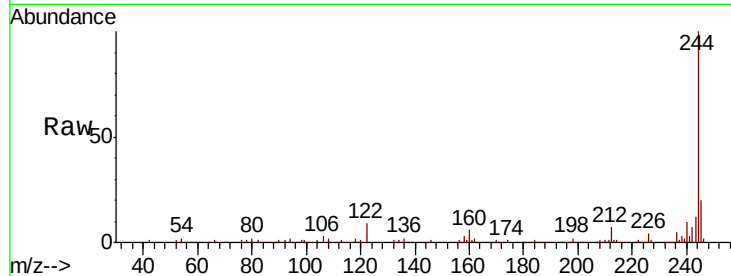
Tgt Ion:244 Resp: 212004

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

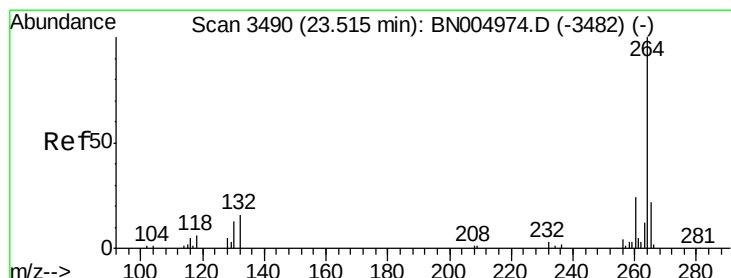
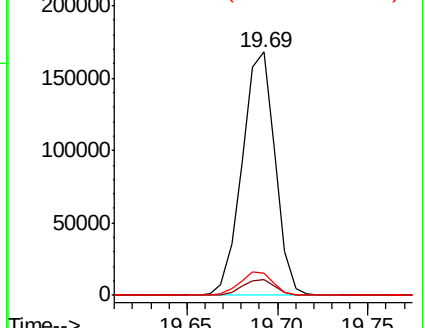
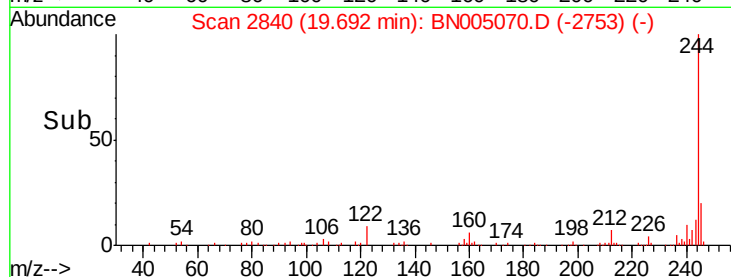
122 9.3 7.4 11.2



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: BN005070.D

Acq: 03 Apr 2019 20:40

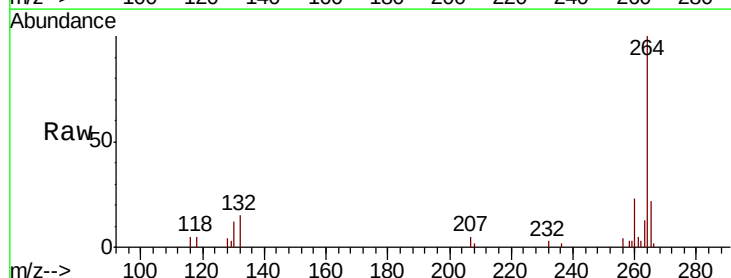
Tgt Ion:264 Resp: 39557

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.7 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

