

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005110.D
 Acq On : 05 Apr 2019 01:11
 Operator : JU/SJ
 Sample : K2240-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-COMP

Quant Time: Apr 05 03:09:03 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

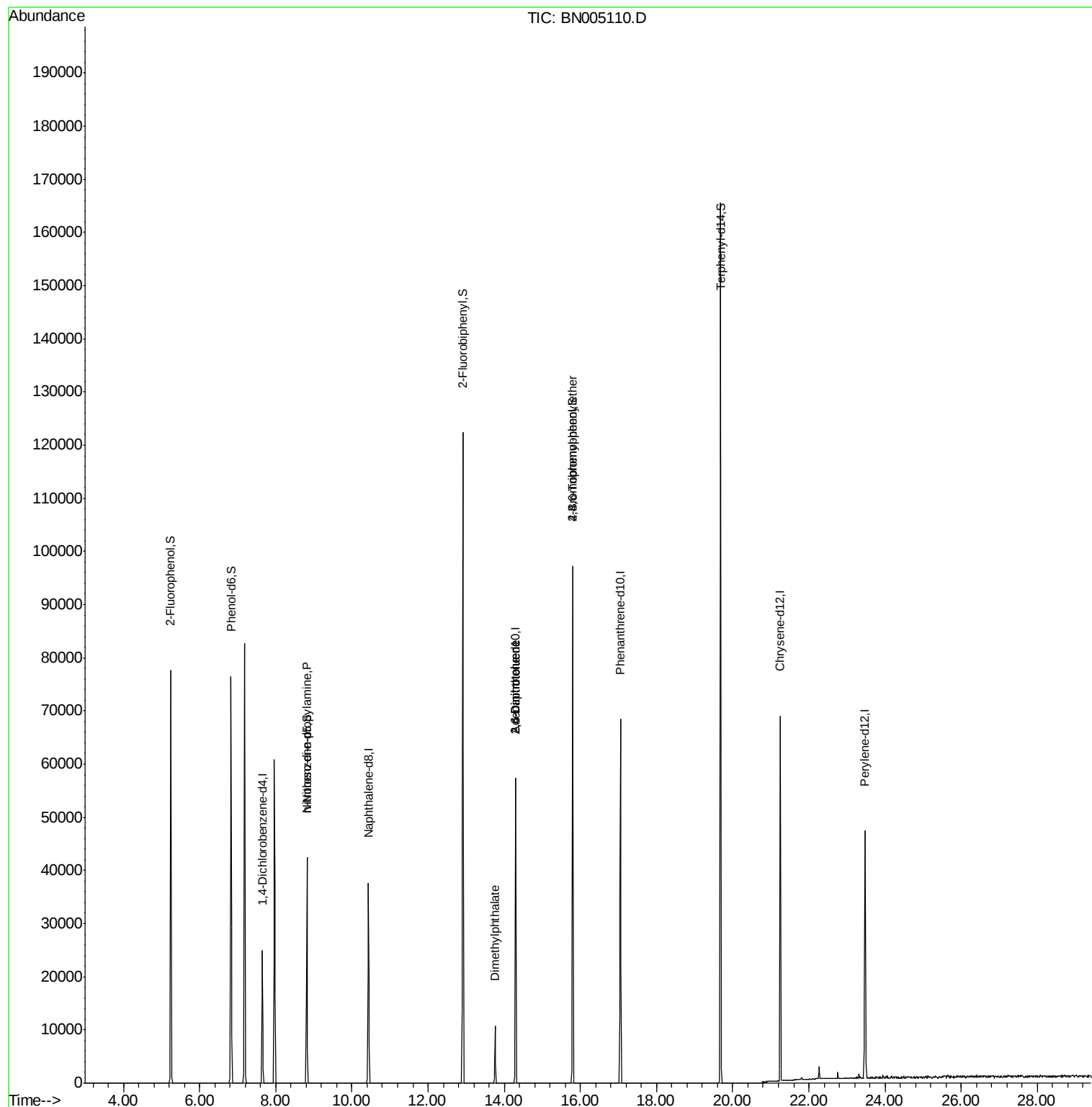
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8264	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	35025	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20143	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	43646	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	37692	20.00	ng	-0.03
87) Perylene-d12	23.47	264	38264	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	36200	75.73	ng	-0.03
7) Phenol-d6	6.83	99	47656	75.17	ng	-0.03
23) Nitrobenzene-d5	8.82	82	26373	45.55	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	23576	72.57	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	68299	44.93	ng	-0.03
79) Terphenyl-d14	19.68	244	88441	45.17	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	3356	8.075	ng	# 73
50) Dimethylphthalate	13.76	163	9018	5.449	ng	# 96
51) 2,6-Dinitrotoluene	14.30	165	2579	6.849	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2579	5.039	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	1318	2.420	ng	# 1

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

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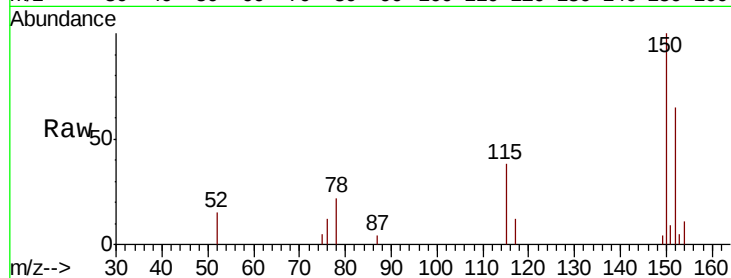


#1

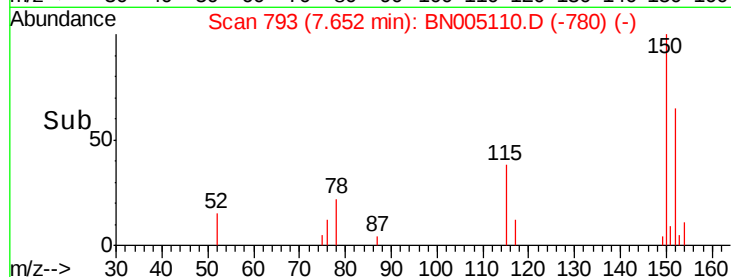
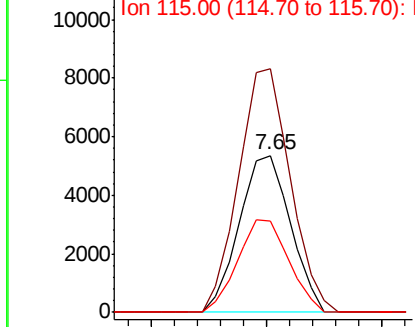
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Instrument :
BNA_N
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 8264
Ion Ratio Lower Upper
152 100
150 154.9 126.9 190.3
115 58.3 47.8 71.6



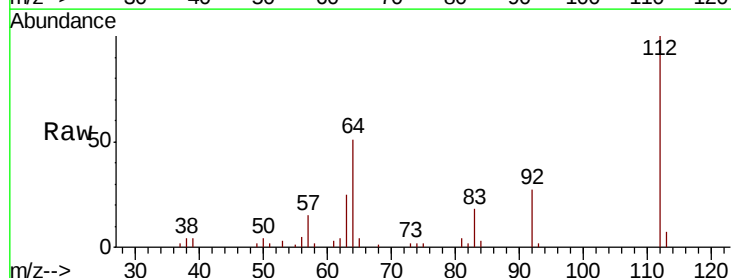
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



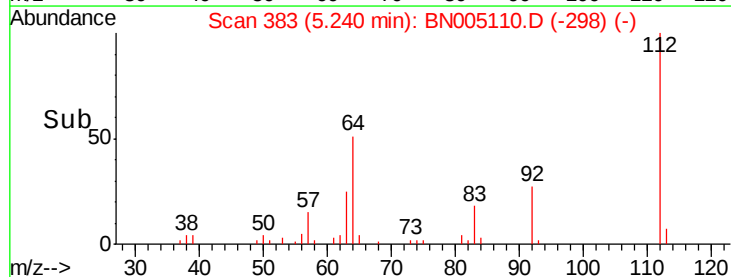
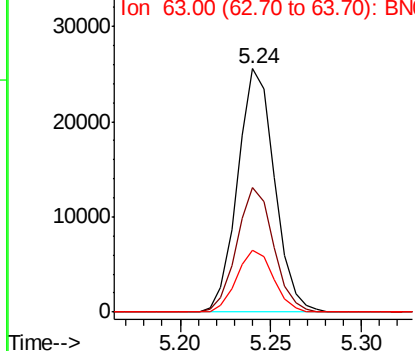
#5

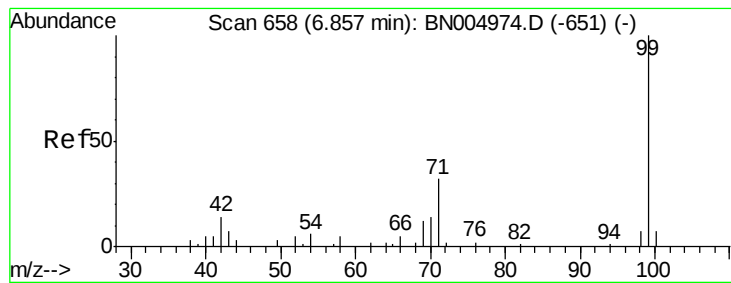
2-Fluorophenol
Concen: 75.733 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Tgt Ion:112 Resp: 36200
Ion Ratio Lower Upper
112 100
64 51.2 41.9 62.9
63 25.4 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: 75.169 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005110.D

Acq: 05 Apr 2019 01:11

Instrument :

BNA_N

ClientSampleId :

SB-02-COMP

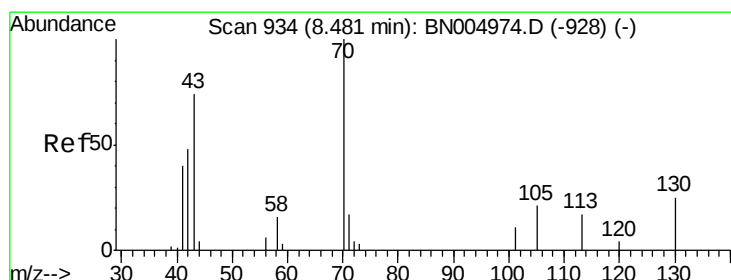
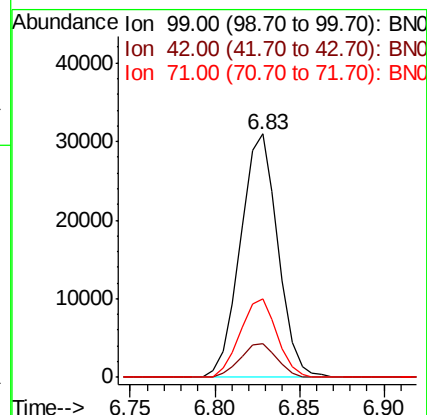
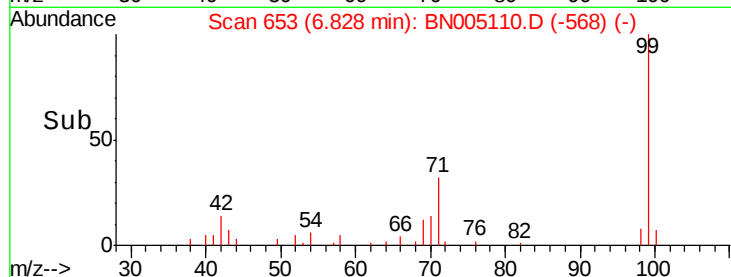
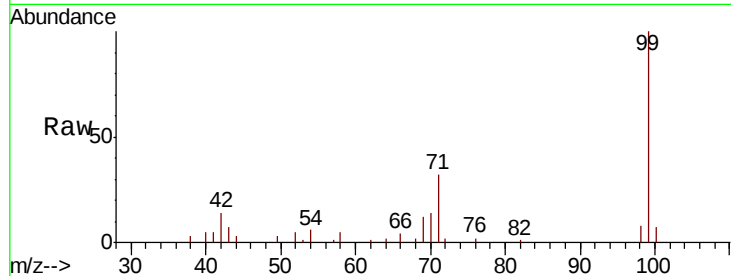
Tgt Ion: 99 Resp: 47656

Ion Ratio Lower Upper

99 100

42 13.8 11.4 17.0

71 32.4 25.8 38.8



#19

n-Nitroso-di-n-propylamine

Concen: 8.075 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005110.D

Acq: 05 Apr 2019 01:11

Tgt Ion: 70 Resp: 3356

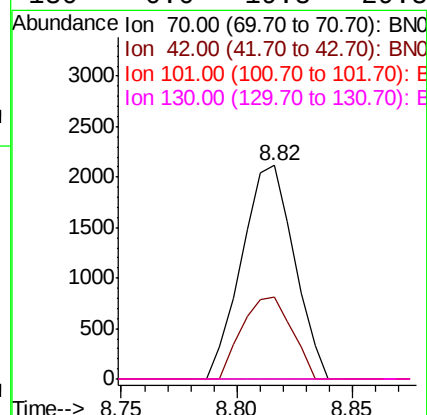
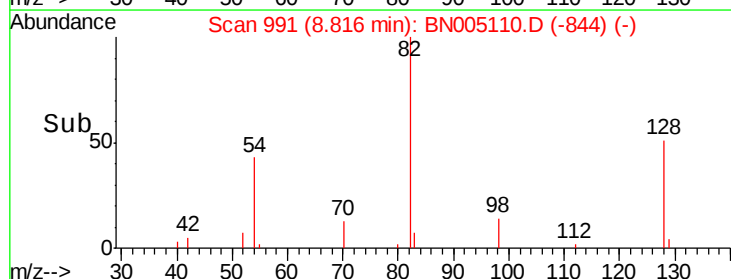
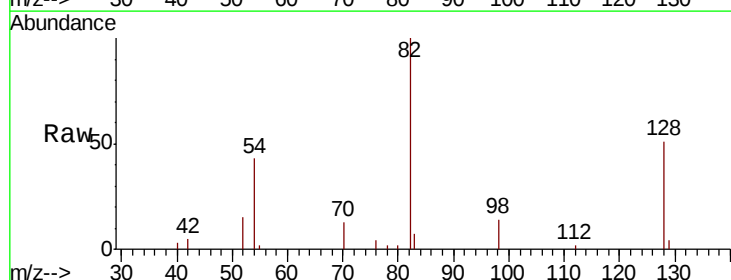
Ion Ratio Lower Upper

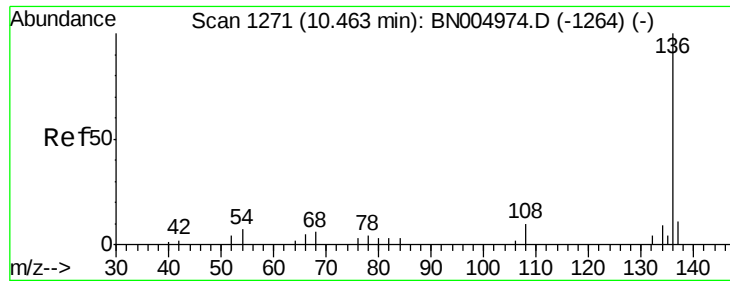
70 100

42 38.4 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

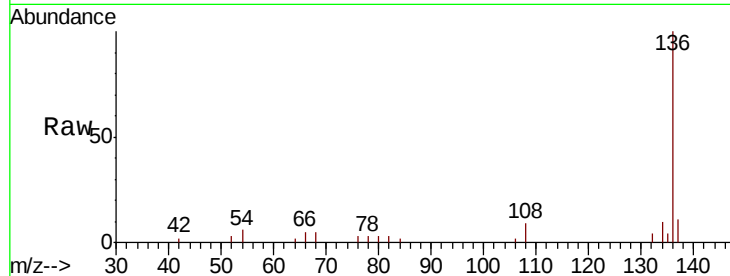




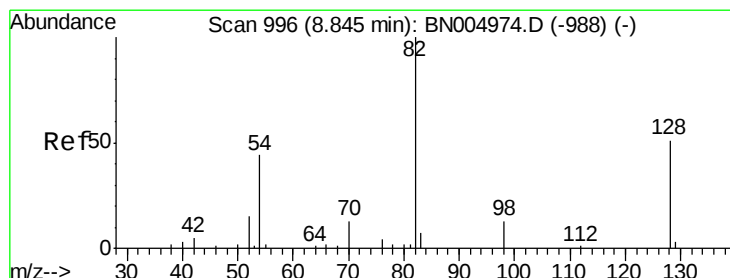
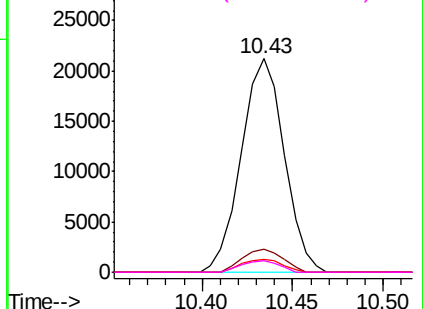
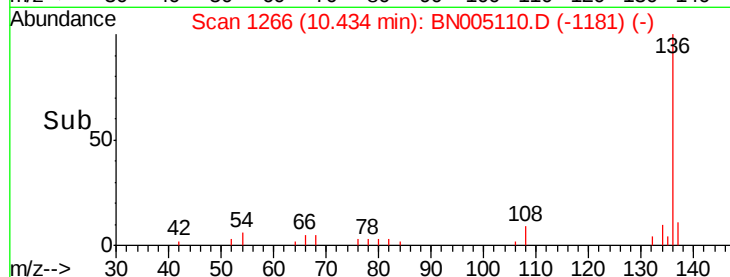
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Instrument :
BNA_N
ClientSampleId :
SB-02-COMP

Tgt Ion:	136	Resp:	35025
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.3	7.9
68	5.3	4.6	6.8

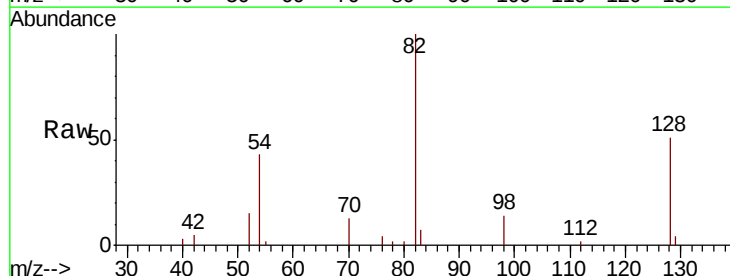


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

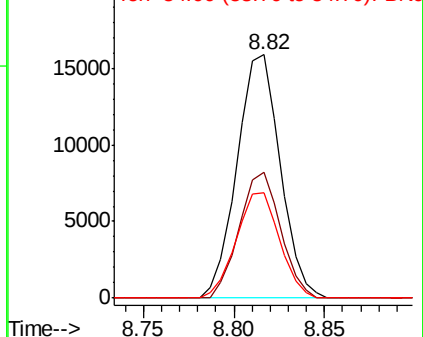
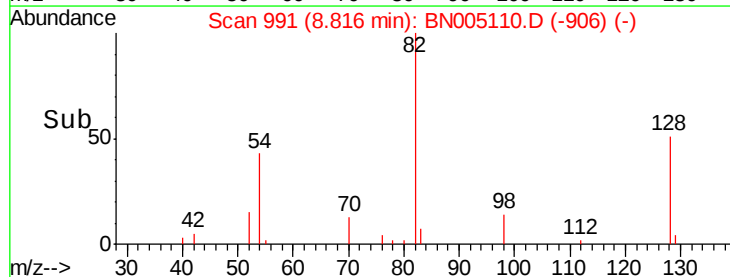


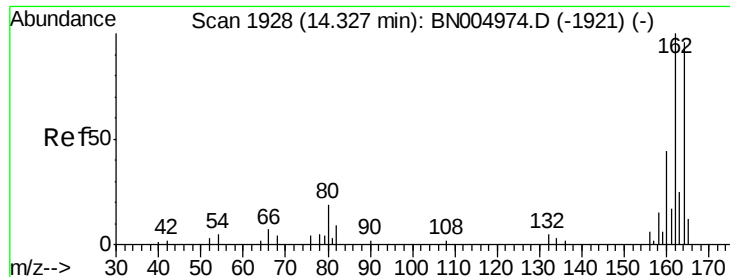
#23
Nitrobenzene-d5
Concen: 45.549 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Tgt Ion:	82	Resp:	26373
Ion	Ratio	Lower	Upper
82	100		
128	51.4	40.6	60.8
54	43.4	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

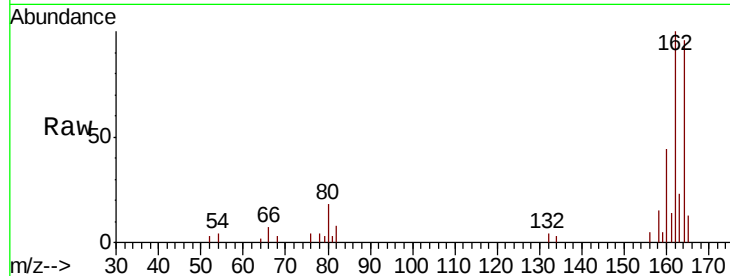




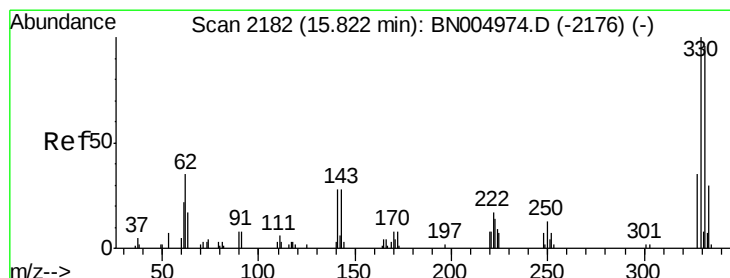
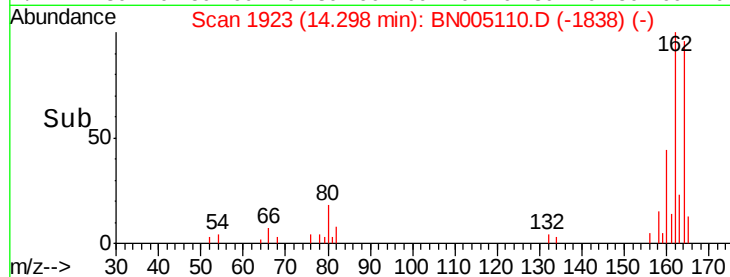
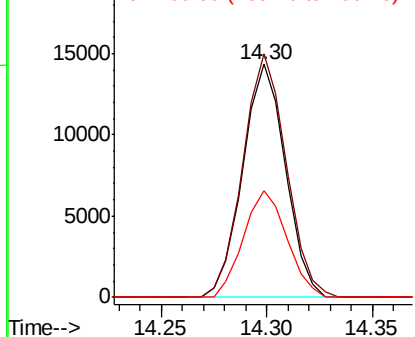
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Instrument :
BNA_N
ClientSampleId :
SB-02-COMP

Tgt Ion:164 Resp: 20143
Ion Ratio Lower Upper
164 100
162 104.4 83.4 125.0
160 45.9 36.6 55.0

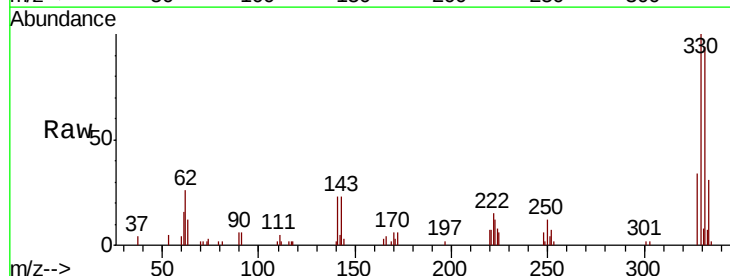


Abundance Ion 164.00 (163.70 to 164.70): E
20000 Ion 162.00 (161.70 to 162.70): E
15000 Ion 160.00 (159.70 to 160.70): E

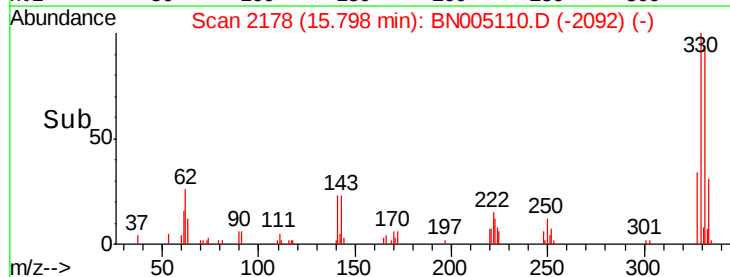
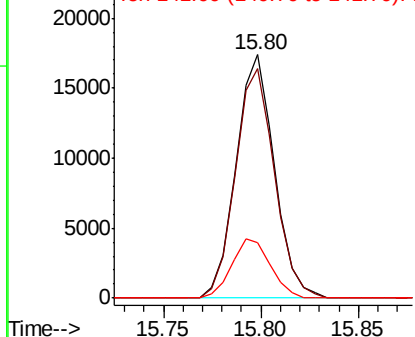


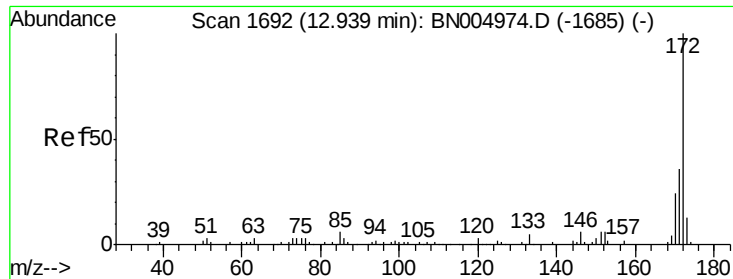
#42
2,4,6-Tribromophenol
Concen: 72.571 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Tgt Ion:330 Resp: 23576
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 24.7 22.1 33.1



Abundance Ion 329.80 (329.50 to 330.50): E
20000 Ion 331.80 (331.50 to 332.50): E
15000 Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 44.931 ng

RT: 12.91 min Scan# 1687

Delta R.T. -0.03 min

Lab File: BN005110.D

Acq: 05 Apr 2019 01:11

Instrument :

BNA_N

ClientSampleId :

SB-02-COMP

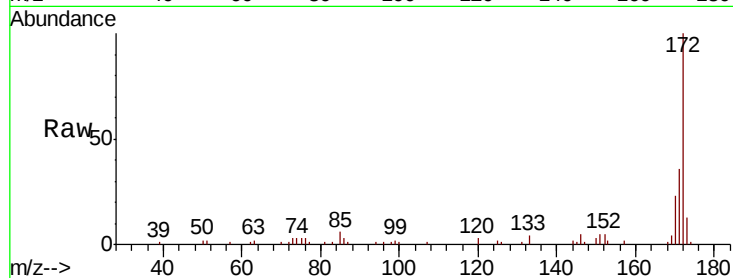
Tgt Ion:172 Resp: 68299

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

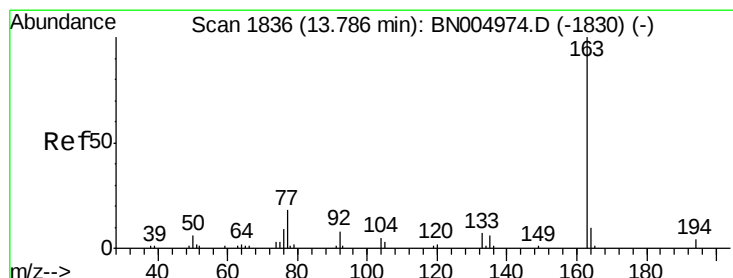
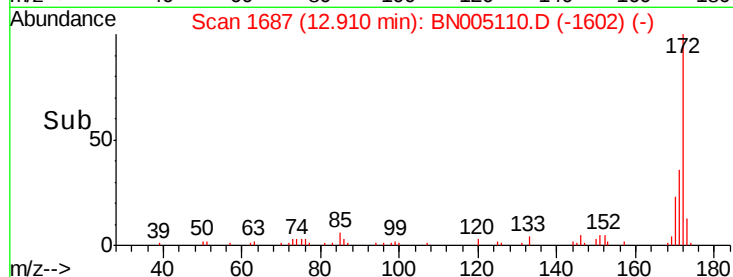
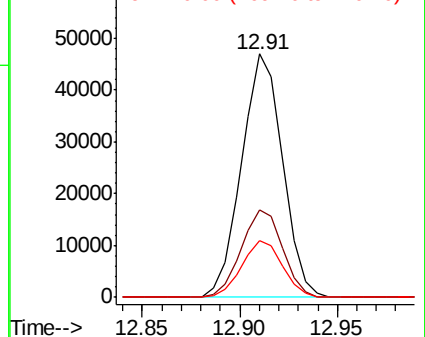
170 23.1 18.9 28.3



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



#50

Dimethylphthalate

Concen: 5.449 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN005110.D

Acq: 05 Apr 2019 01:11

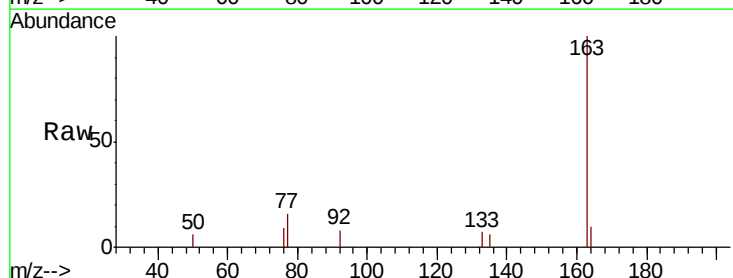
Tgt Ion:163 Resp: 9018

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

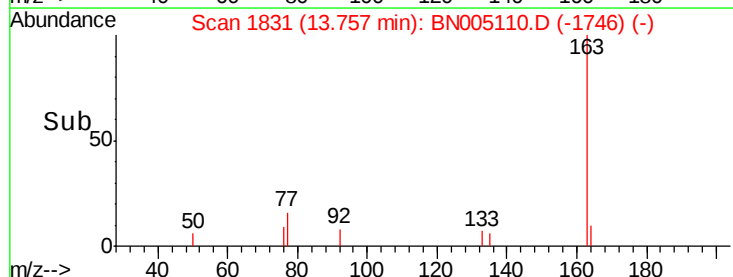
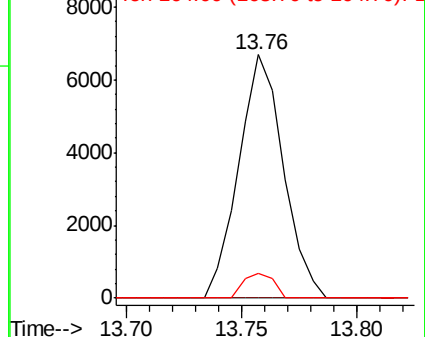
164 10.1 8.3 12.5

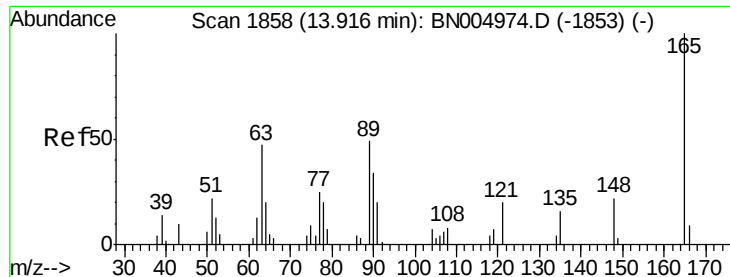


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

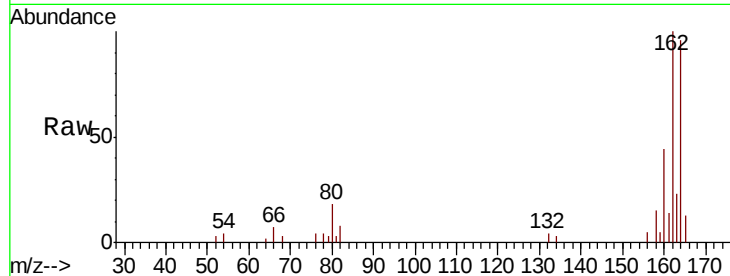




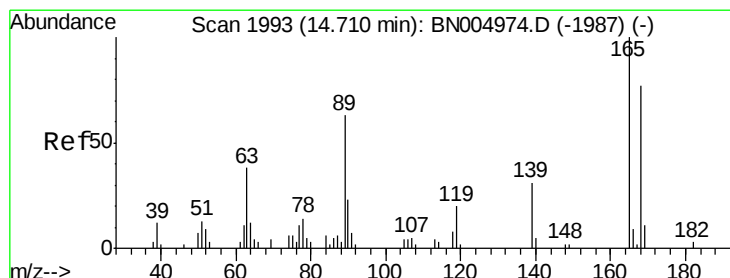
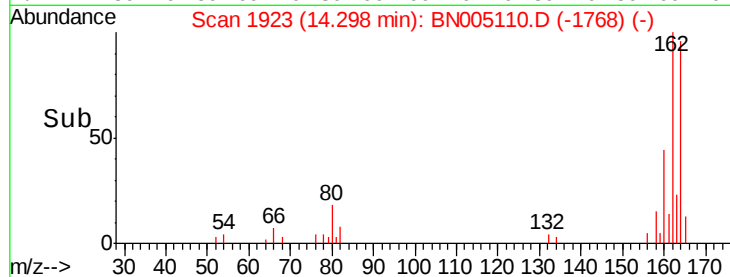
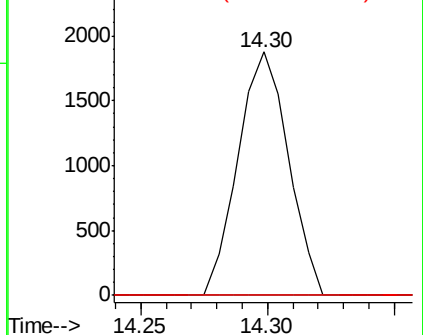
#51
 2,6-Dinitrotoluene
 Concen: 6.849 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005110.D
 Acq: 05 Apr 2019 01:11

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-COMP

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

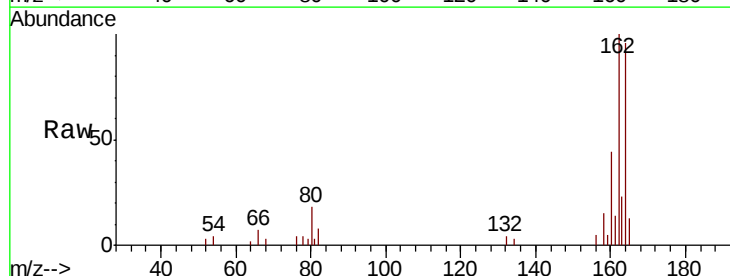


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

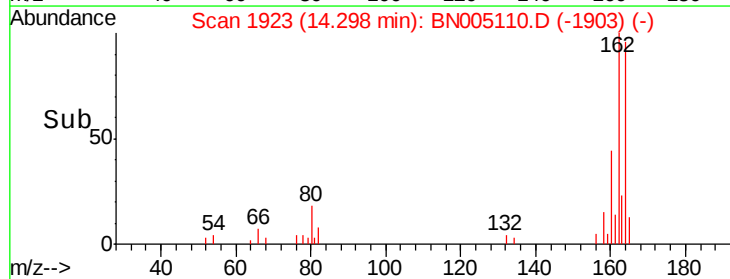
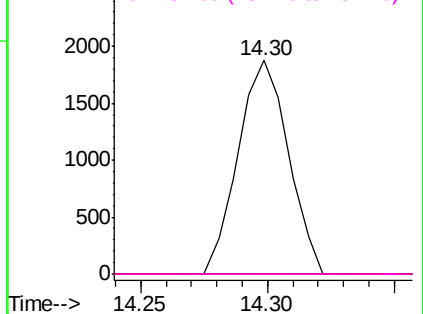


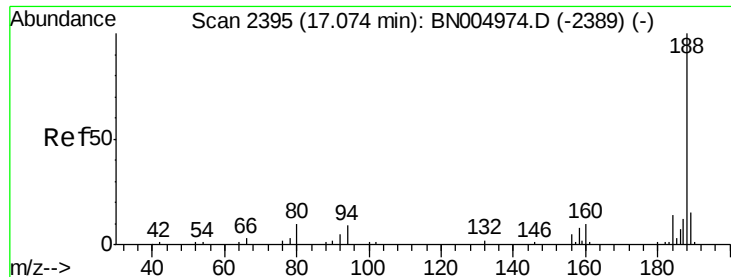
#57
 2,4-Dinitrotoluene
 Concen: 5.039 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005110.D
 Acq: 05 Apr 2019 01:11

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: BN005110.D

Acq: 05 Apr 2019 01:11

Instrument :

BNA_N

ClientSampleId :

SB-02-COMP

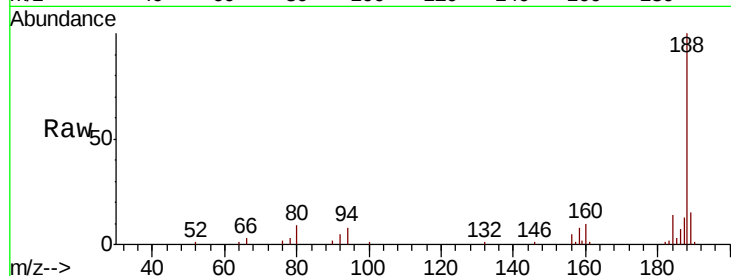
Tgt Ion:188 Resp: 43646

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

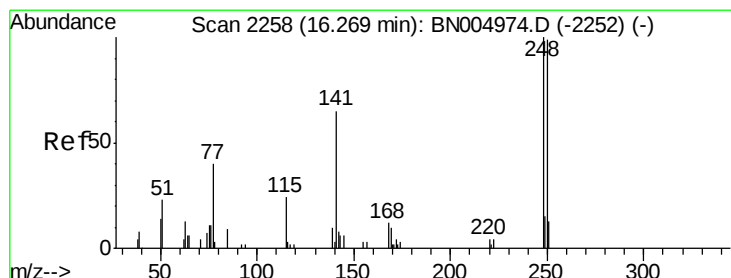
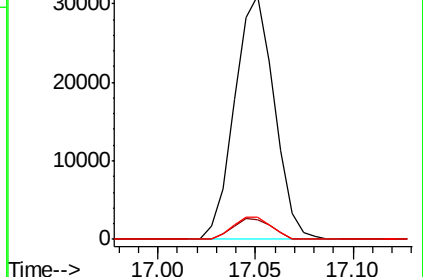
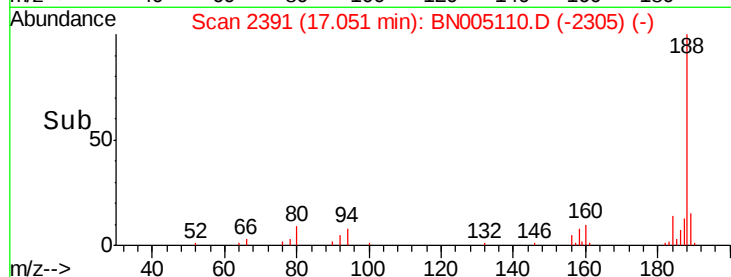
80 9.3 7.8 11.6



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: 2.420 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005110.D

Acq: 05 Apr 2019 01:11

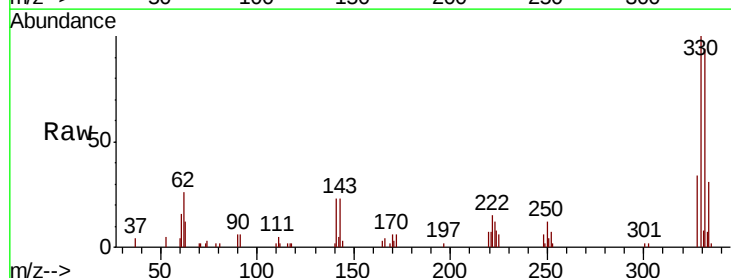
Tgt Ion:248 Resp: 1318

Ion Ratio Lower Upper

248 100

250 197.9 79.4 119.2#

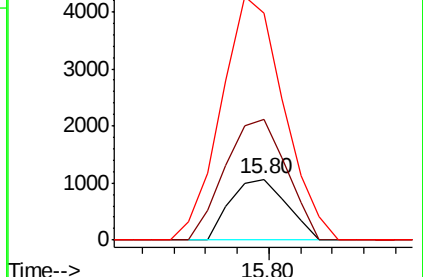
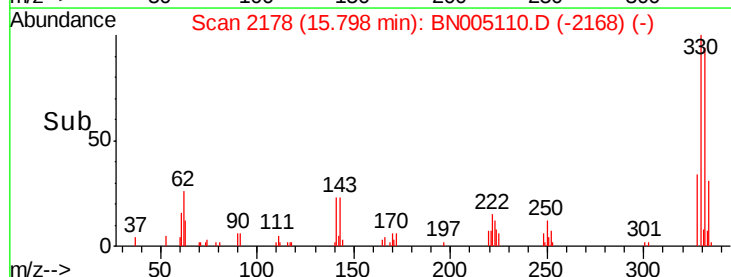
141 371.1 52.3 78.5#

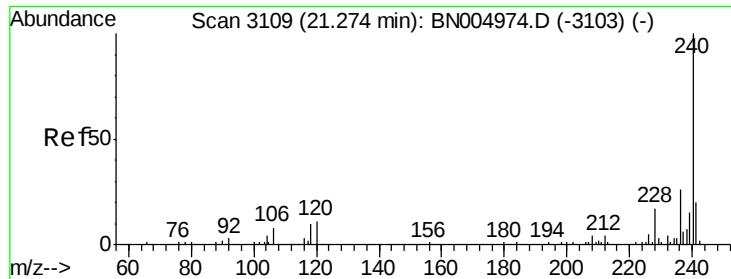


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

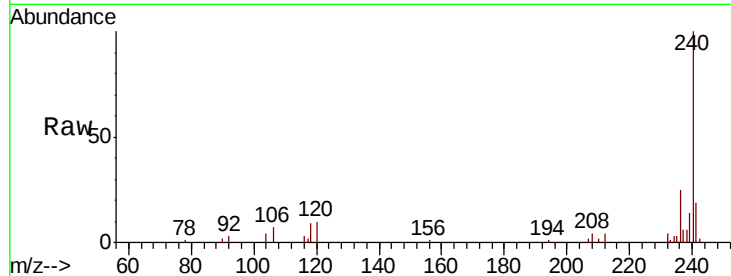




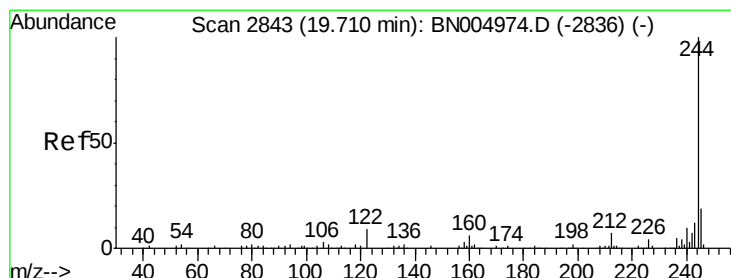
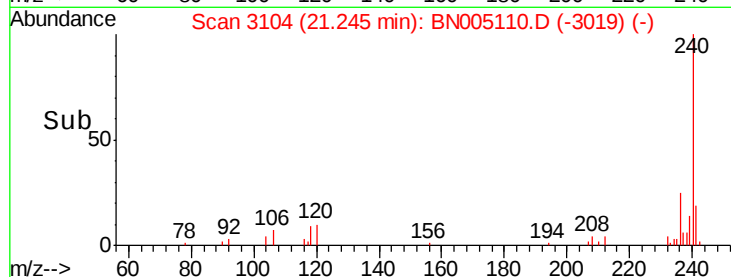
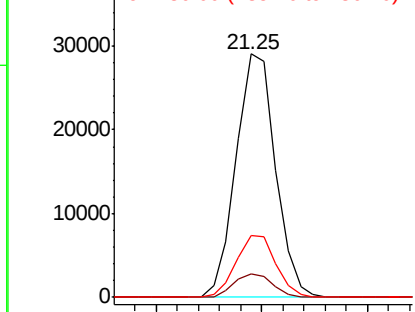
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Instrument :
BNA_N
ClientSampleId :
SB-02-COMP

Tgt Ion:240 Resp: 37692
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.3 21.2 31.8

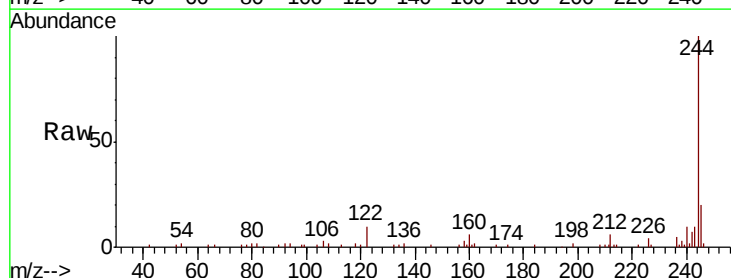


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

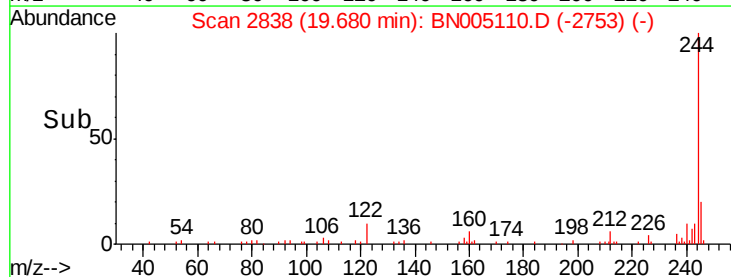
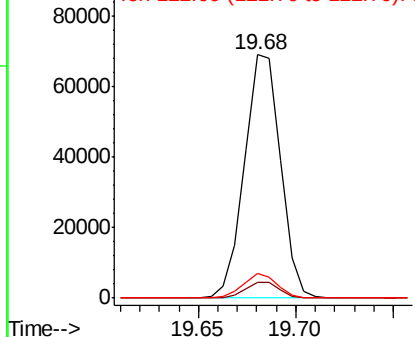


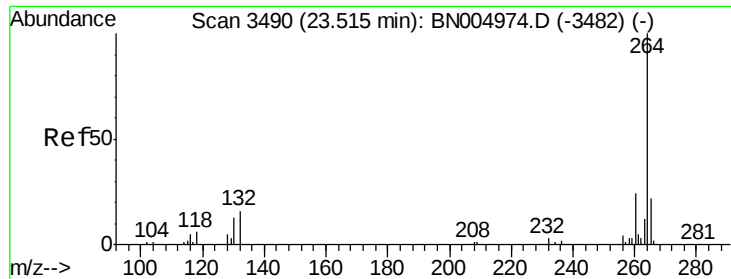
#79
Terphenyl-d14
Concen: 45.174 ng
RT: 19.68 min Scan# 2838
Delta R.T. -0.03 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Tgt Ion:244 Resp: 88441
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 9.9 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: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BN005110.D
Acq: 05 Apr 2019 01:11

Instrument :
BNA_N
ClientSampleId :
SB-02-COMP

Tgt Ion: 264 Resp: 38264

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.3	17.2	25.8

