

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005109.D
 Acq On : 05 Apr 2019 00:36
 Operator : JU/SJ
 Sample : K2240-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-(0-2)-DUP

Quant Time: Apr 05 03:08:54 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

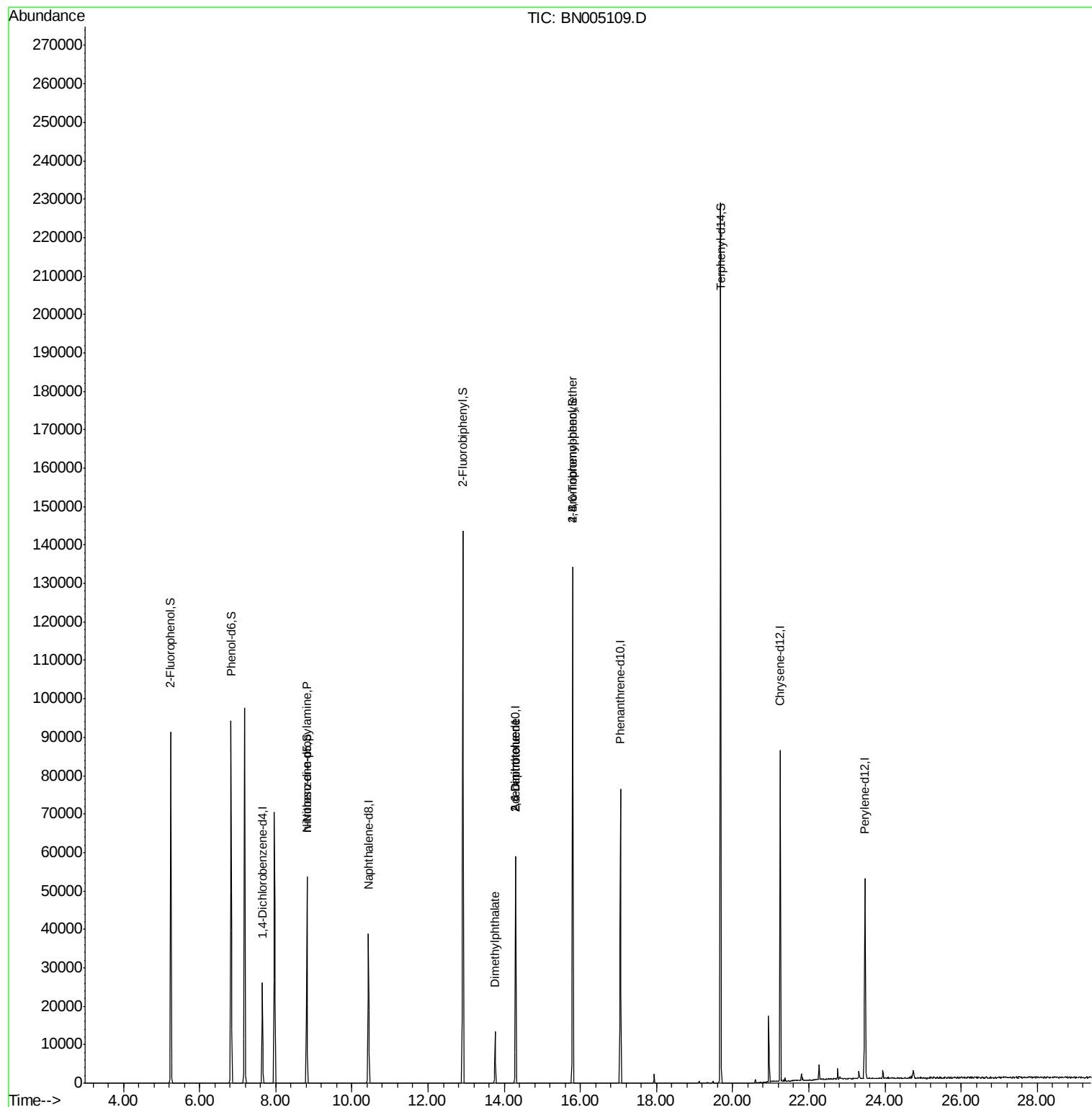
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8435	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	36075	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	21297	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	47790	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	43460	20.00	ng	-0.03
87) Perylene-d12	23.47	264	41309	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	43091	88.32	ng	-0.03
7) Phenol-d6	6.83	99	57130	88.29	ng	-0.03
23) Nitrobenzene-d5	8.82	82	31802	53.33	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	31618	92.05	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	81390	50.64	ng	-0.03
79) Terphenyl-d14	19.69	244	120130	53.22	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	4023	9.483	ng	Qvalue # 74
50) Dimethylphthalate	13.76	163	10933	6.248	ng	# 99
51) 2,6-Dinitrotoluene	14.30	165	2704	6.792	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2704	4.997	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	1889	3.167	ng	# 1

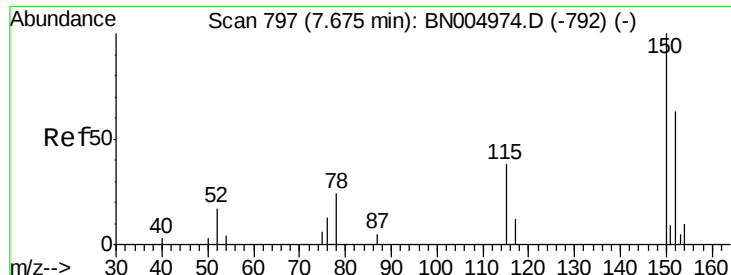
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-02-(0-2)-DUP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

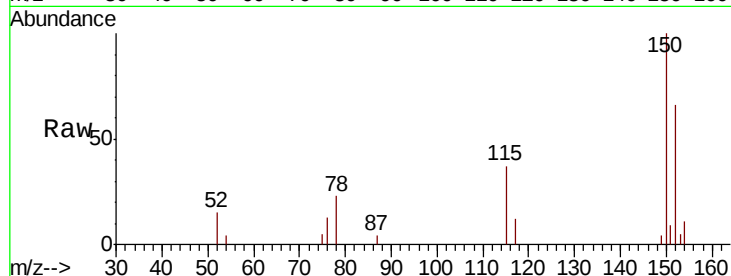




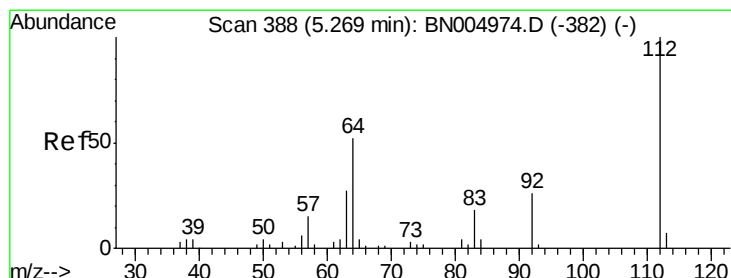
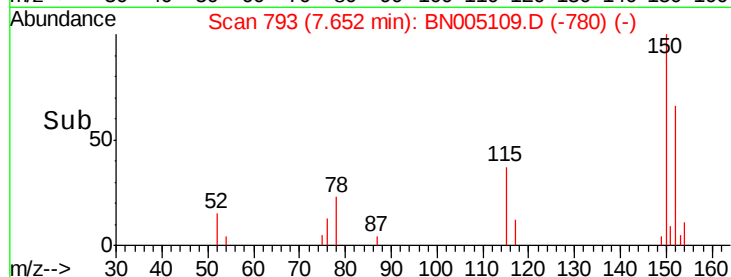
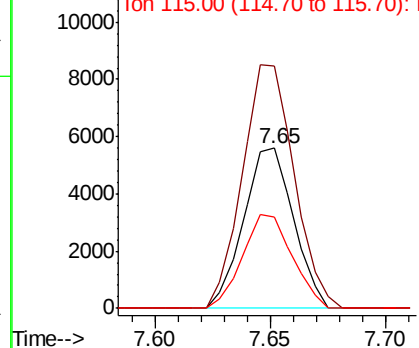
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BN005109.D
 Acq: 05 Apr 2019 00:36

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-(0-2)-DUP

Tgt Ion:152 Resp: 8435
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.9 190.3
 115 56.9 47.8 71.6

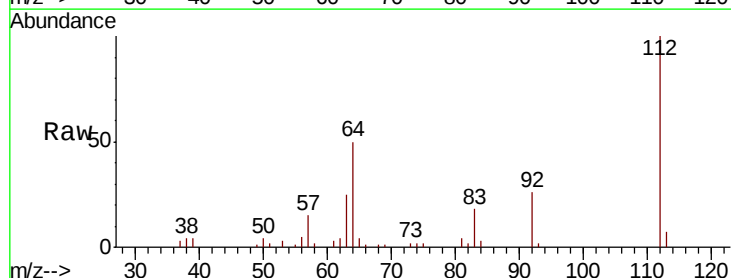


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

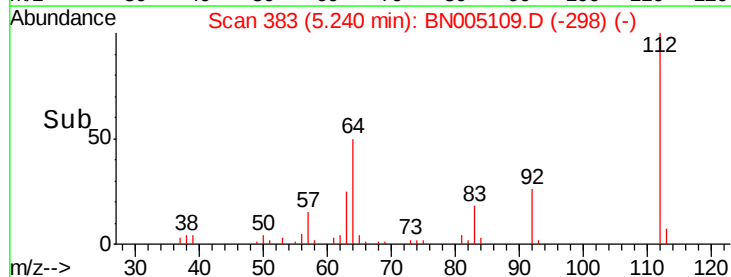
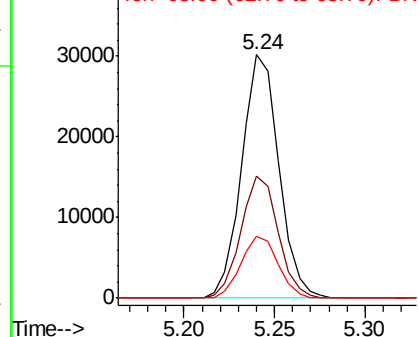


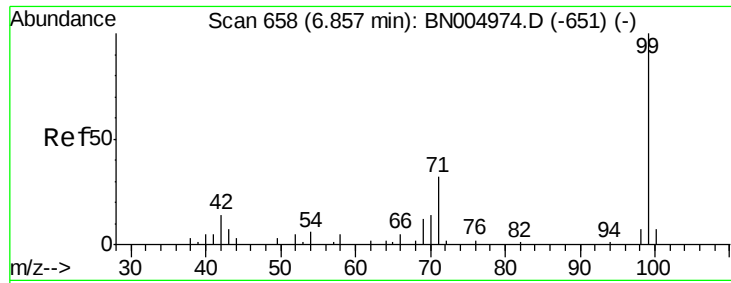
#5
 2-Fluorophenol
 Concen: 88.322 ng
 RT: 5.24 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: BN005109.D
 Acq: 05 Apr 2019 00:36

Tgt Ion:112 Resp: 43091
 Ion Ratio Lower Upper
 112 100
 64 50.3 41.9 62.9
 63 25.5 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: 88.286 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005109.D

Acq: 05 Apr 2019 00:36

Instrument :

BNA_N

ClientSampleId :

SB-02-(0-2)-DUP

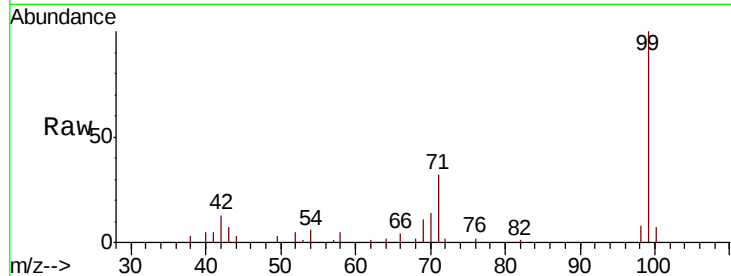
Tgt Ion: 99 Resp: 57130

Ion Ratio Lower Upper

99 100

42 13.2 11.4 17.0

71 32.2 25.8 38.8

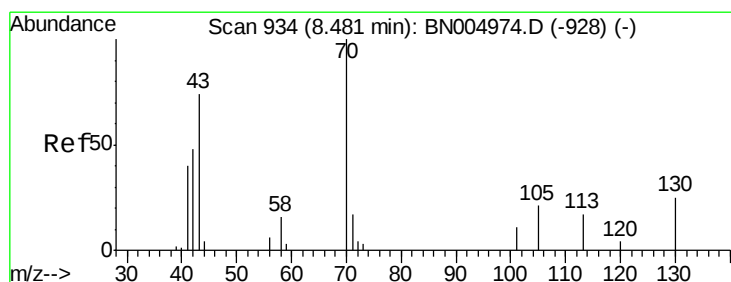
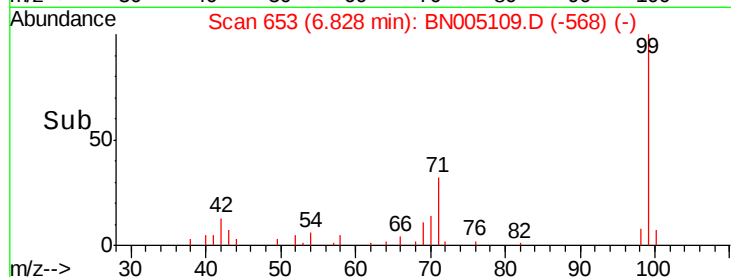
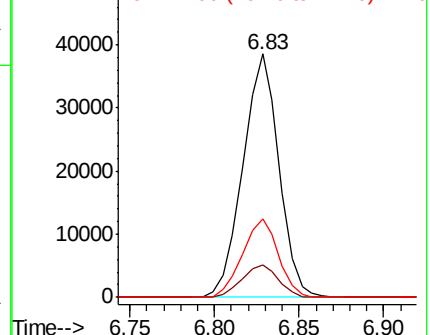


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#19

n-Nitroso-di-n-propylamine

Concen: 9.483 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005109.D

Acq: 05 Apr 2019 00:36

Tgt Ion: 70 Resp: 4023

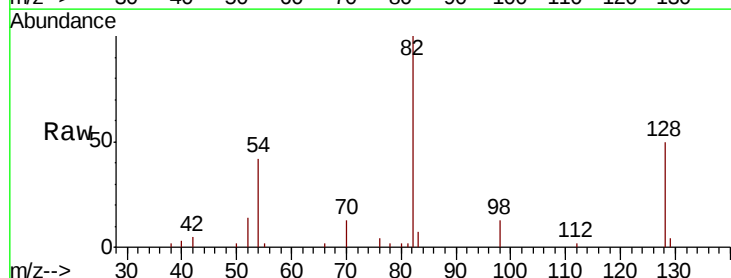
Ion Ratio Lower Upper

70 100

42 39.1 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#



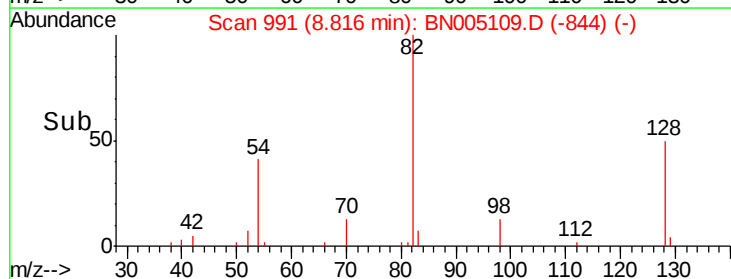
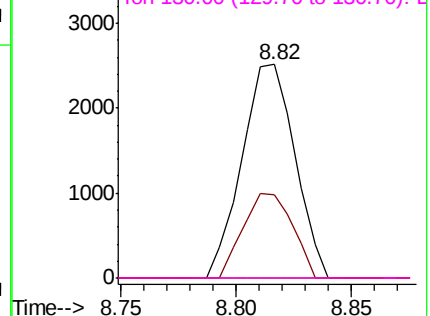
Abundance

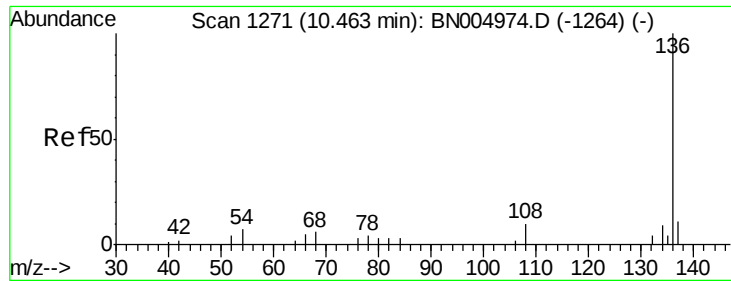
Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0

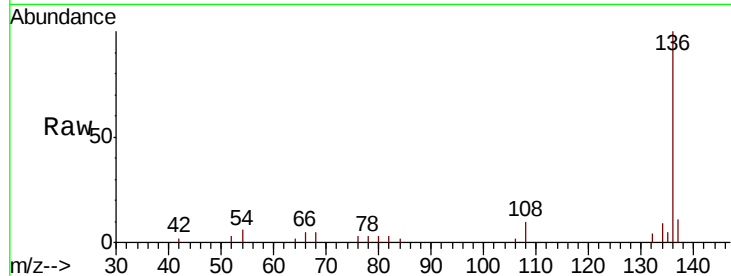




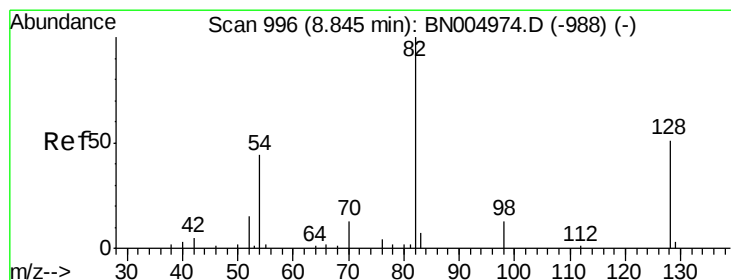
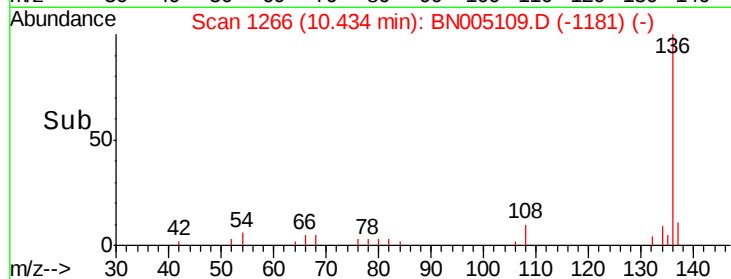
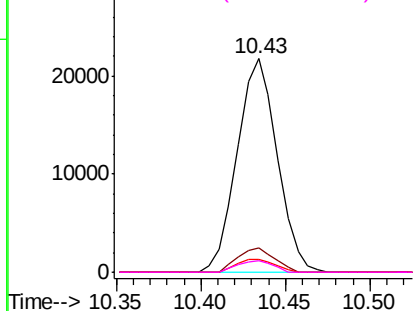
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005109.D
Acq: 05 Apr 2019 00:36

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)-DUP

Tgt Ion:	136	Resp:	36075
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	5.3	7.9
68	5.2	4.6	6.8

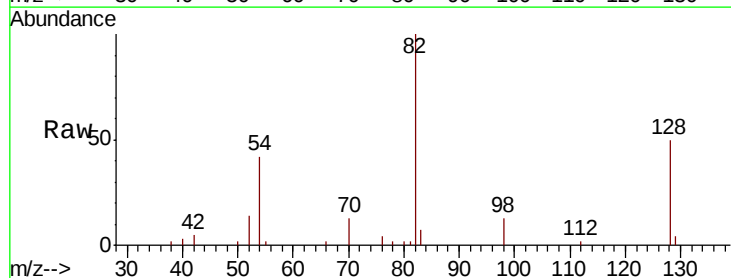


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

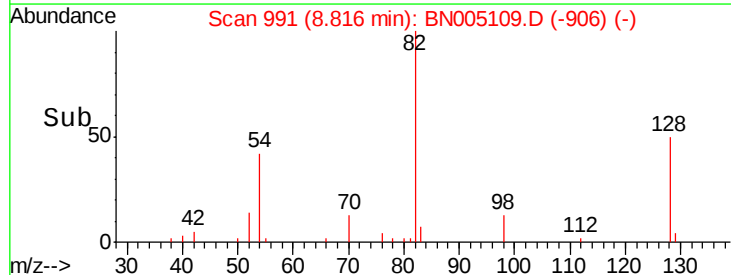
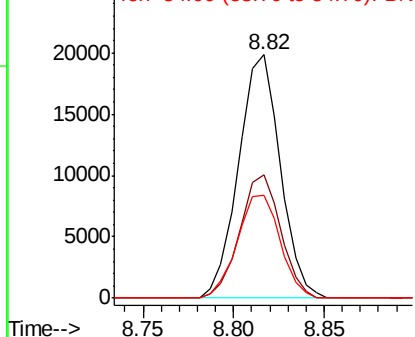


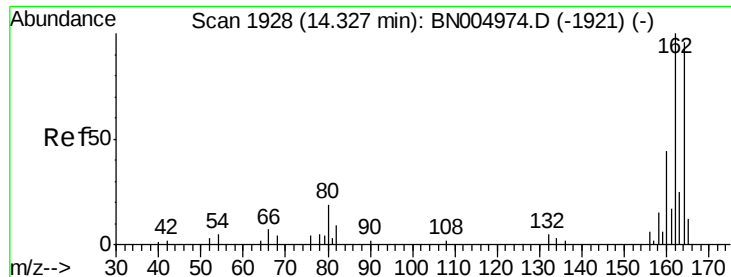
#23
Nitrobenzene-d5
Concen: 53.326 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005109.D
Acq: 05 Apr 2019 00:36

Tgt Ion:	82	Resp:	31802
Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.6	60.8
54	42.3	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: BN005109.D

Acq: 05 Apr 2019 00:36

Instrument :

BNA_N

ClientSampleId :

SB-02-(0-2)-DUP

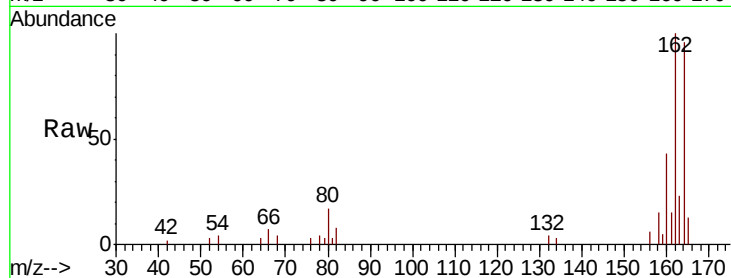
Tgt Ion:164 Resp: 21297

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

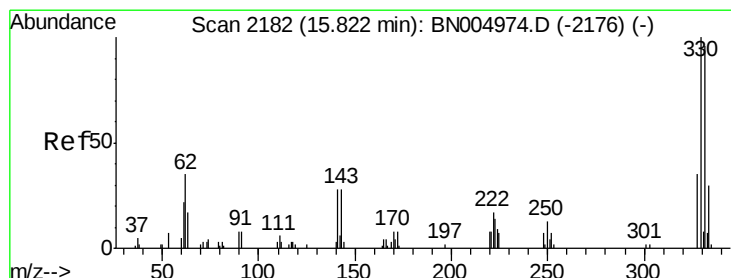
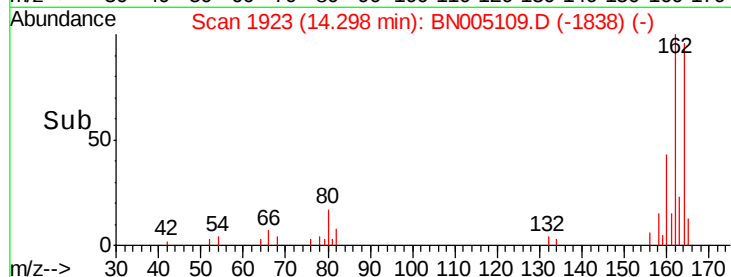
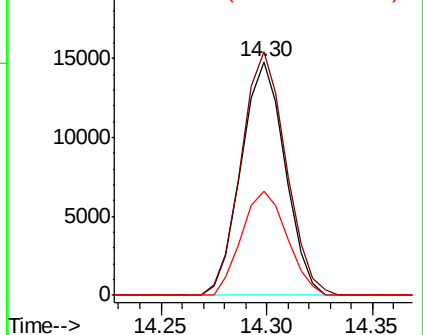
160 44.7 36.6 55.0



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: 92.052 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005109.D

Acq: 05 Apr 2019 00:36

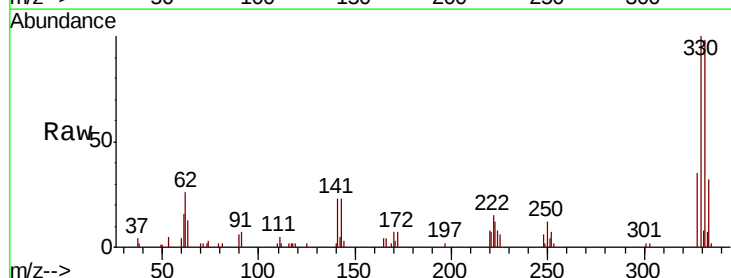
Tgt Ion:330 Resp: 31618

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

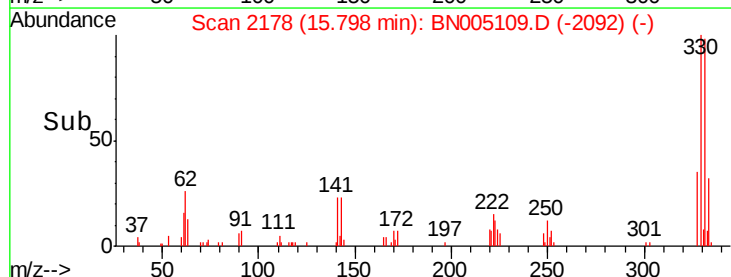
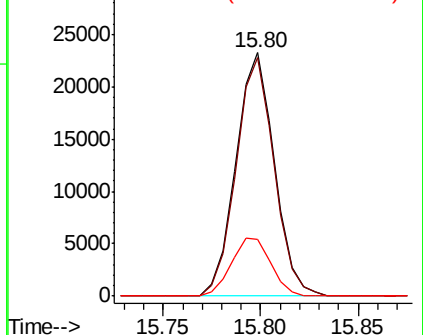
141 24.6 22.1 33.1

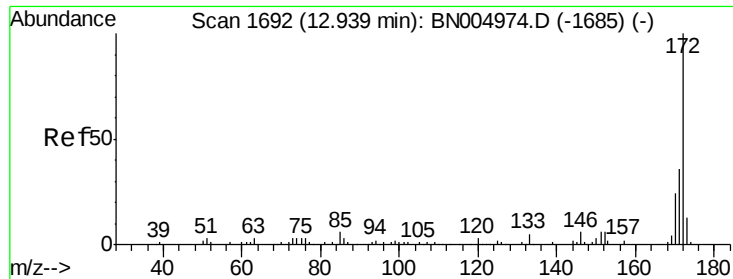


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

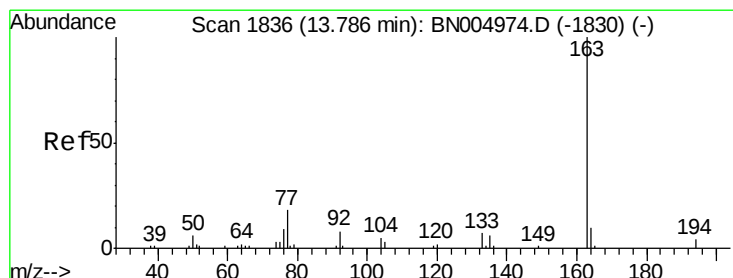
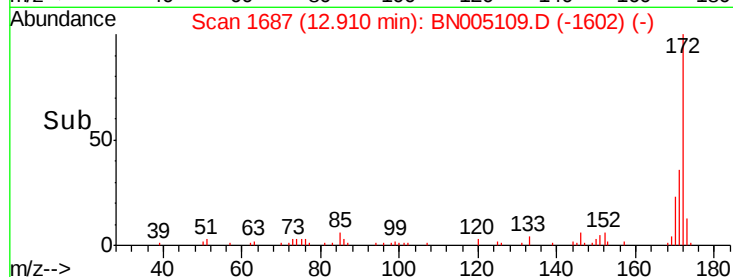
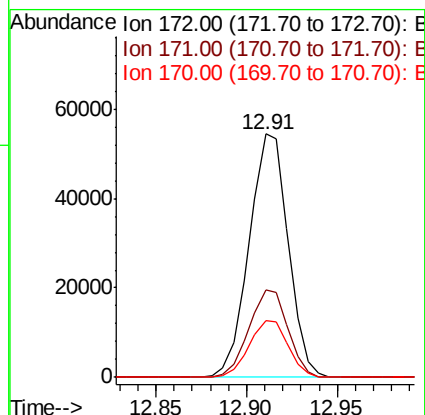
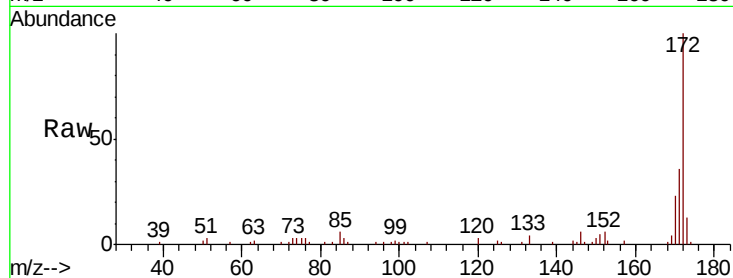




#45
2-Fluorobiphenyl
Concen: 50.642 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.03 min
Lab File: BN005109.D
Acq: 05 Apr 2019 00:36

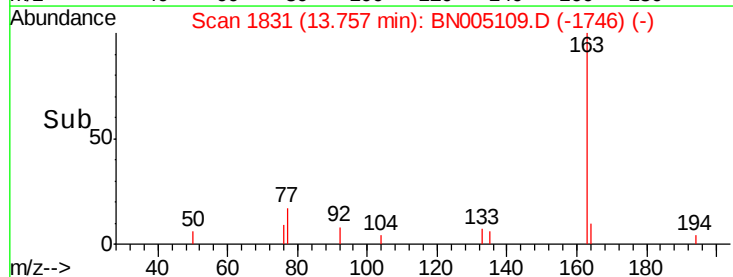
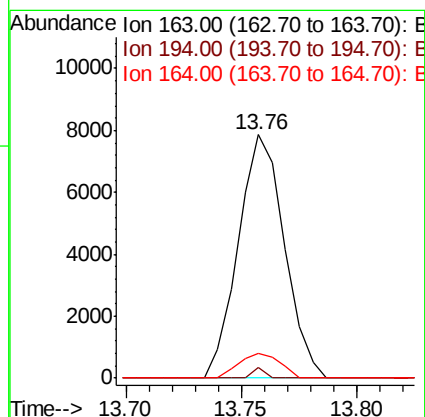
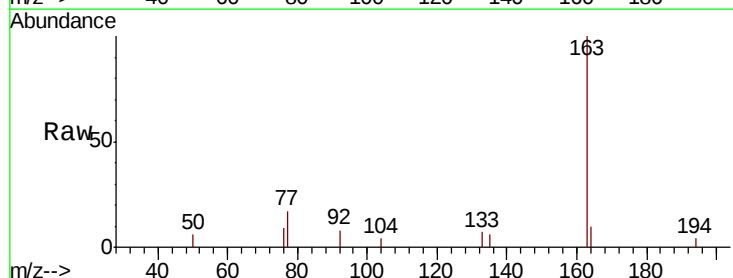
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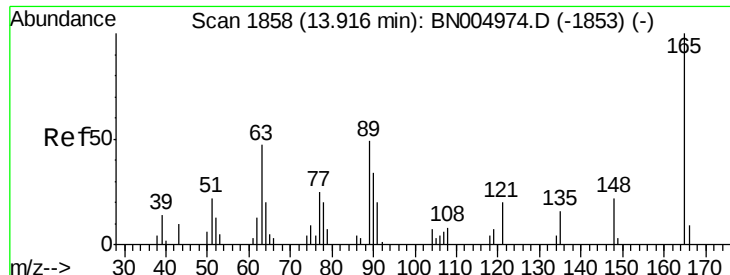
Tgt Ion:172 Resp: 81390
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.4 18.9 28.3



#50
Dimethylphthalate
Concen: 6.248 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005109.D
Acq: 05 Apr 2019 00:36

Tgt Ion:163 Resp: 10933
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.3 12.5

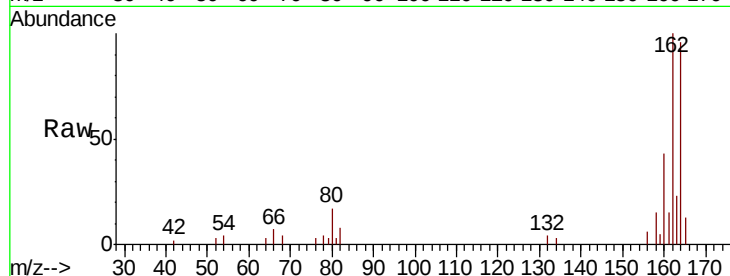




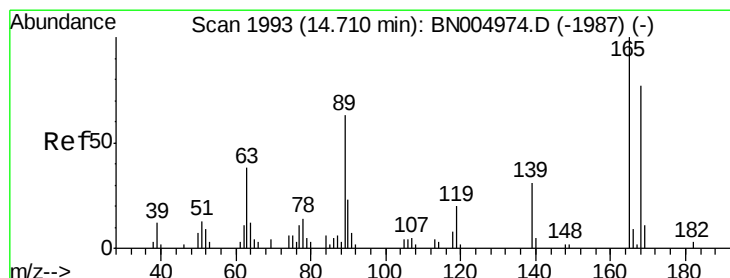
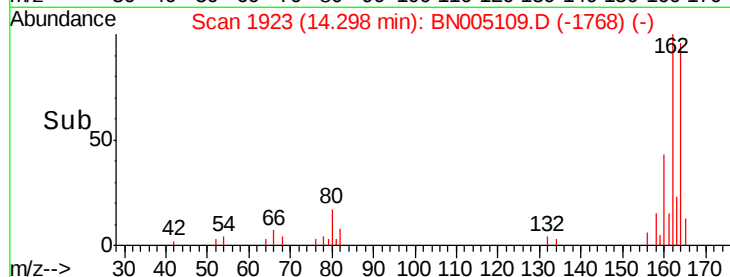
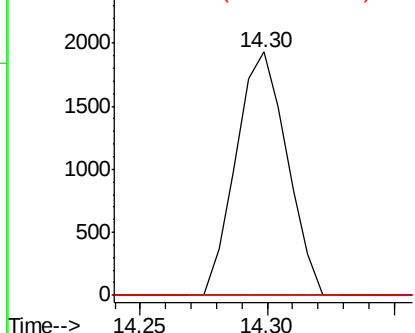
#51
 2,6-Dinitrotoluene
 Concen: 6.792 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005109.D
 Acq: 05 Apr 2019 00:36

Instrument :
 BNA_N
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 SB-02-(0-2)-DUP

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



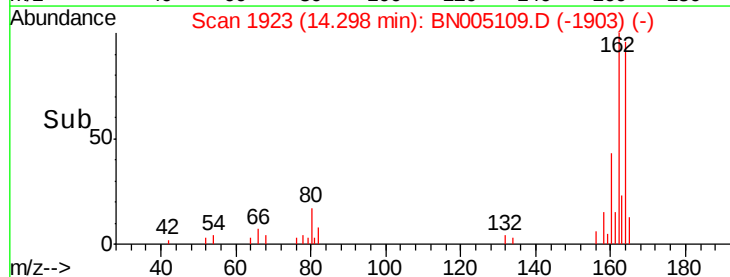
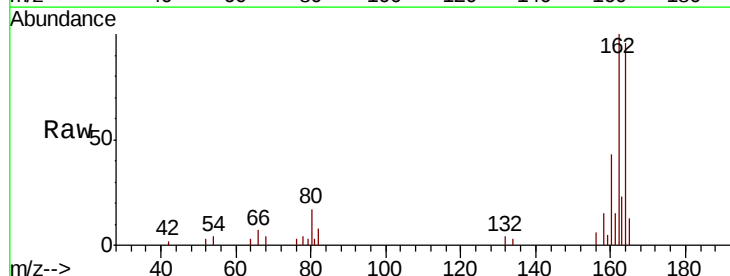
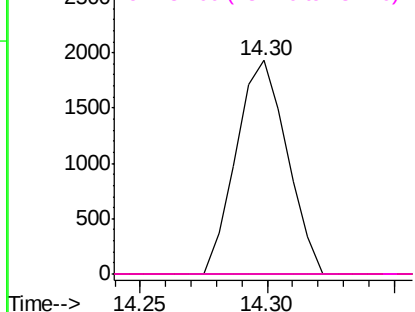
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

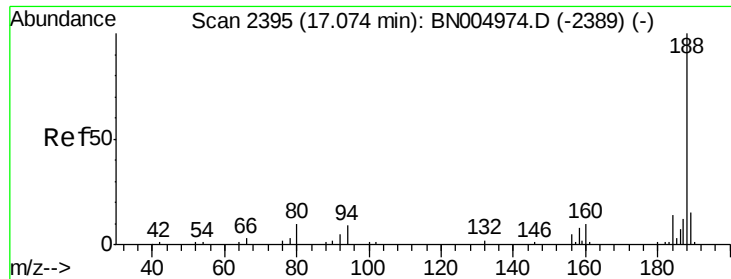


#57
 2,4-Dinitrotoluene
 Concen: 4.997 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005109.D
 Acq: 05 Apr 2019 00:36

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

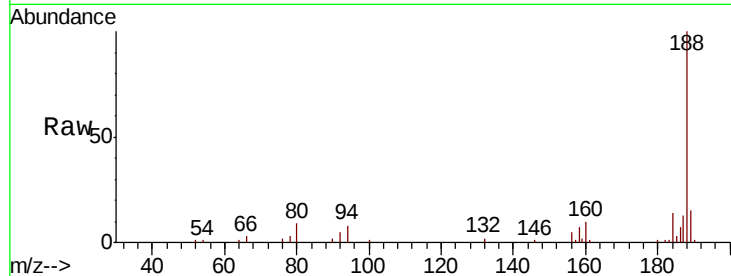




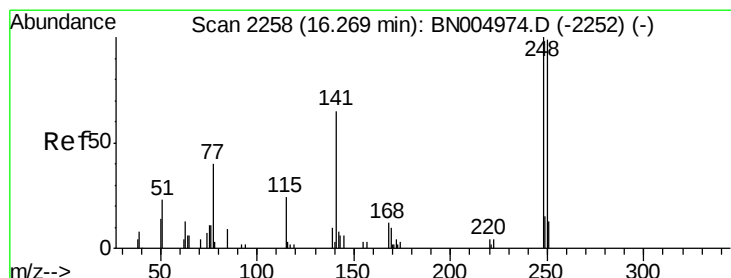
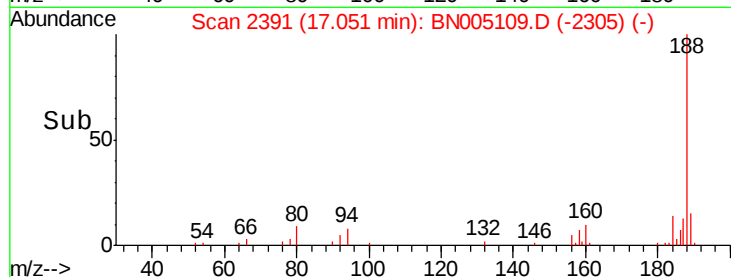
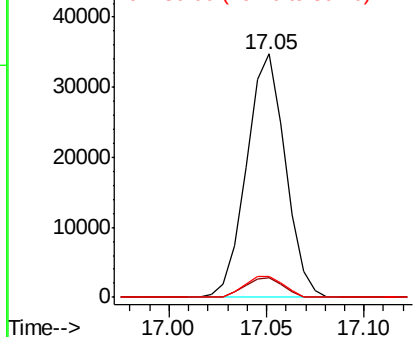
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005109.D
 Acq: 05 Apr 2019 00:36

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-(0-2)-DUP

Tgt Ion:188 Resp: 47790
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 8.8 7.8 11.6

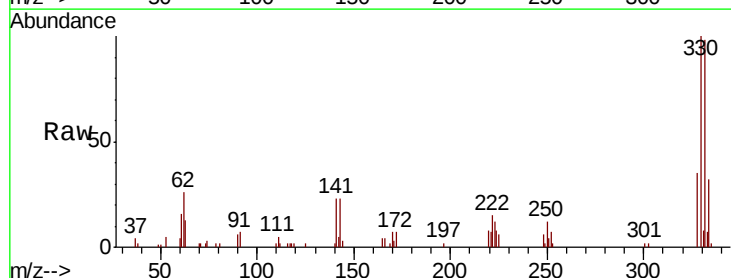


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

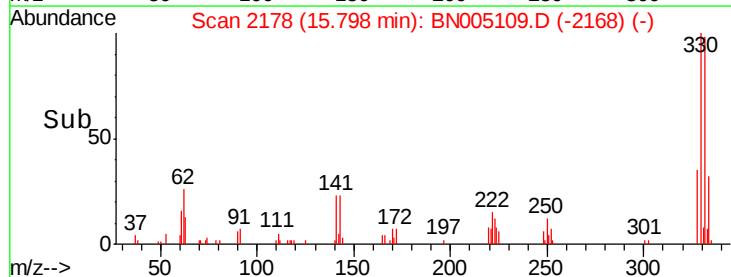
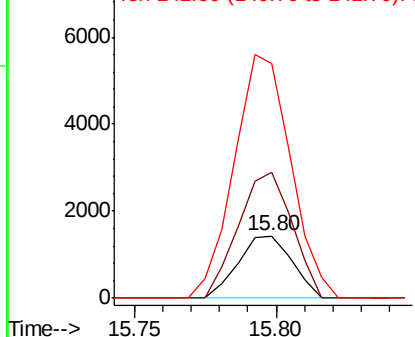


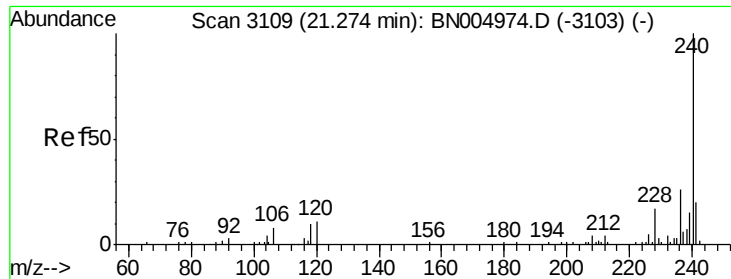
#67
 4-Bromophenyl-phenylether
 Concen: 3.167 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005109.D
 Acq: 05 Apr 2019 00:36

Tgt Ion:248 Resp: 1889
 Ion Ratio Lower Upper
 248 100
 250 202.3 79.4 119.2#
 141 376.3 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

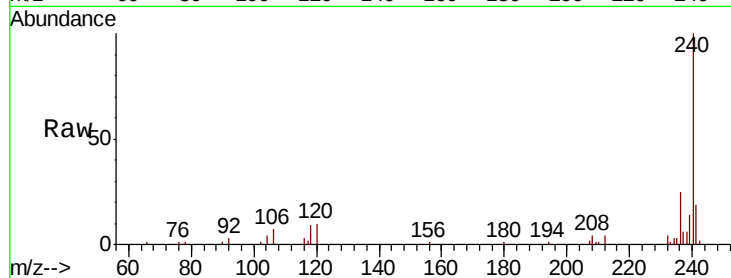




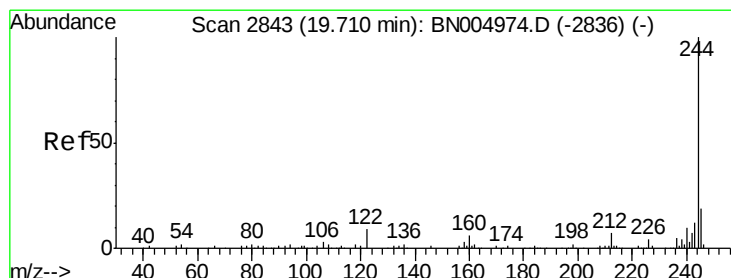
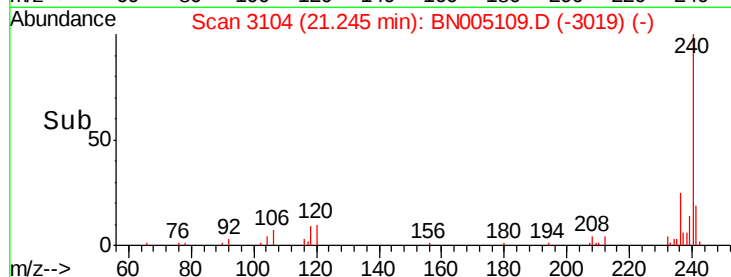
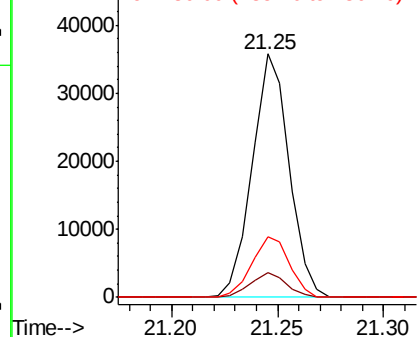
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BN005109.D
Acq: 05 Apr 2019 00:36

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)-DUP

Tgt Ion:240 Resp: 43460
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 24.9 21.2 31.8

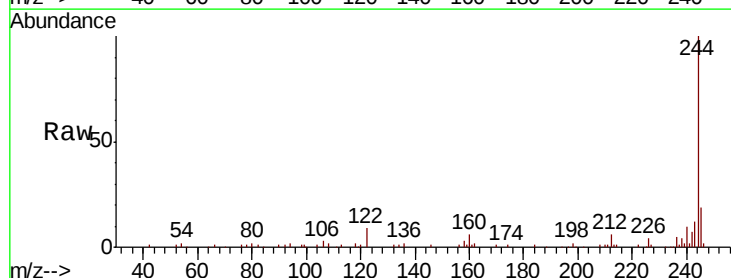


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

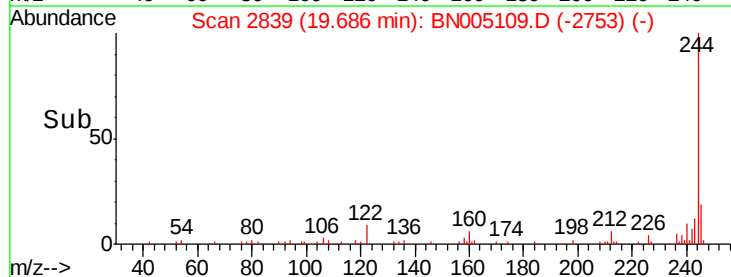
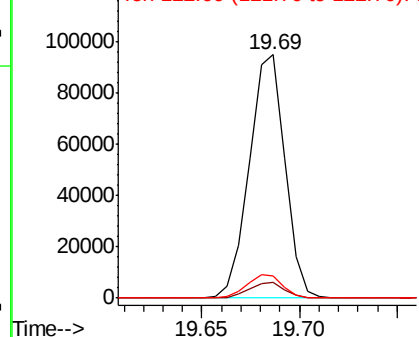


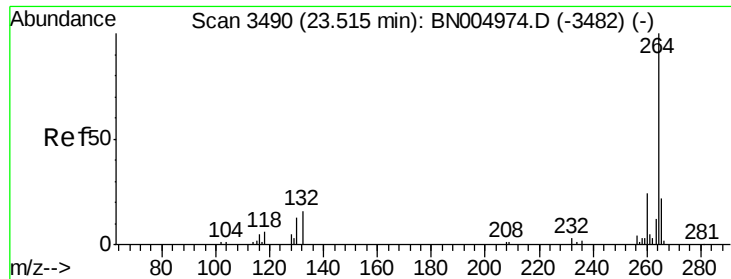
#79
Terphenyl-d14
Concen: 53.217 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005109.D
Acq: 05 Apr 2019 00:36

Tgt Ion:244 Resp: 120130
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 8.9 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

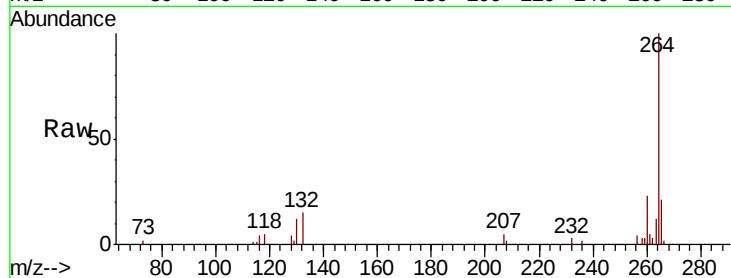




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BN005109.D
Acq: 05 Apr 2019 00:36

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)-DUP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	21.3	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

