

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005104.D
 Acq On : 04 Apr 2019 21:39
 Operator : JU/SJ
 Sample : K2258-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STONE

Quant Time: Apr 05 03:07:23 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

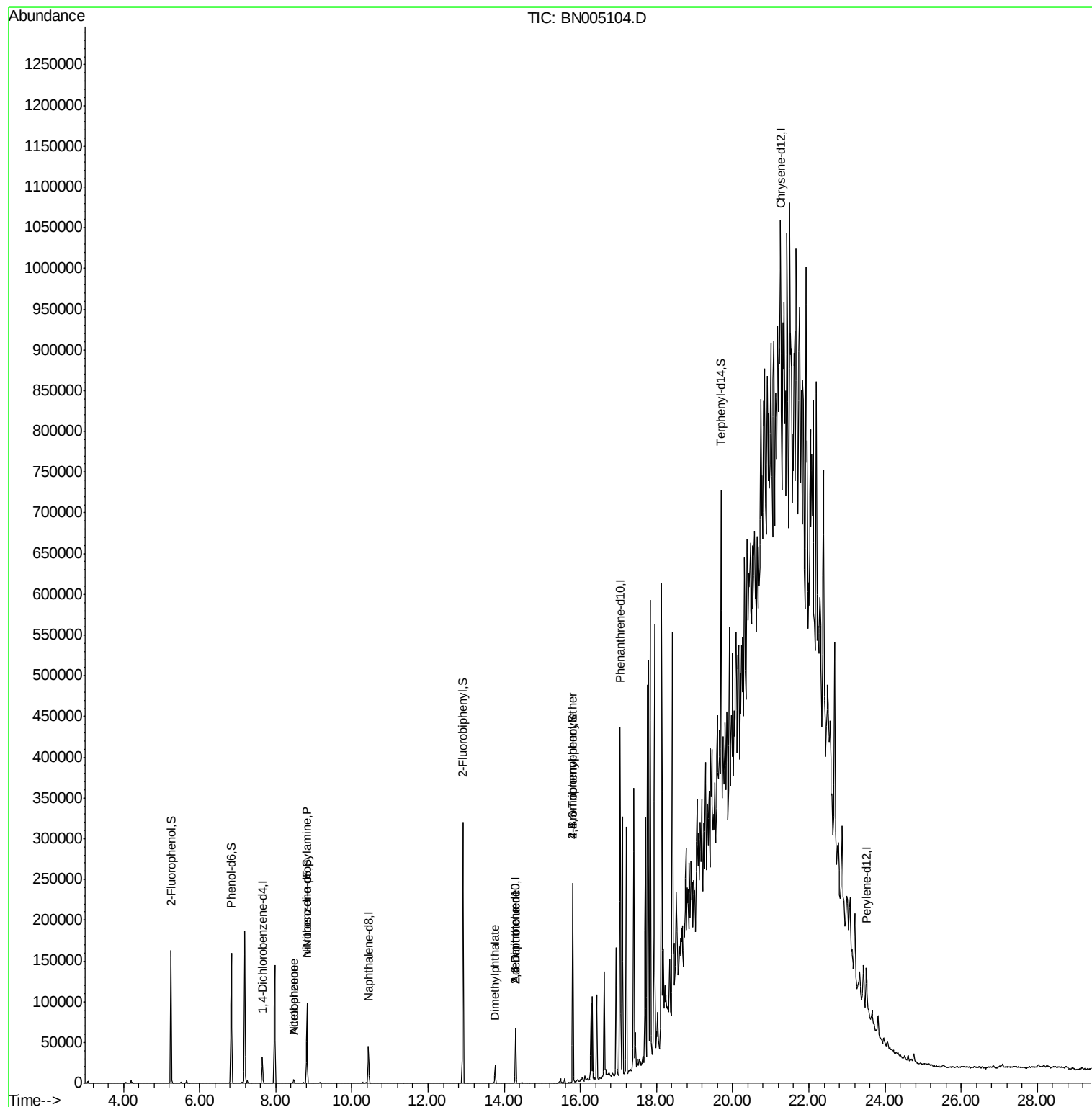
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	10273	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	41857	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	23770	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	48773	20.00	ng	-0.02
76) Chrysene-d12	21.27	240	36932	20.00	ng	0.00
87) Perylene-d12	23.51	264	37000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	76708	129.10	ng	-0.02
7) Phenol-d6	6.83	99	100798	127.90	ng	-0.02
23) Nitrobenzene-d5	8.82	82	58017	83.85	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	56626	147.71	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	170651	95.13	ng	-0.02
79) Terphenyl-d14	19.70	244	202246	105.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	7586	14.683	ng	Qvalue # 74
22) Acetophenone	8.48	105	3127	3.273	ng	99
24) Nitrobenzene	8.48	77	2219	3.169	ng	# 35
50) Dimethylphthalate	13.76	163	17382	8.901	ng	99
51) 2,6-Dinitrotoluene	14.30	165	2987	6.722	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2987	4.946	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	3414	5.609	ng	# 1

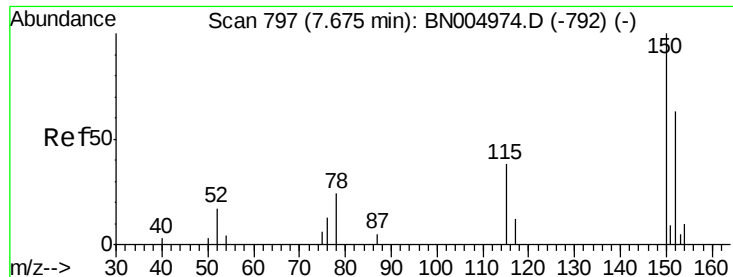
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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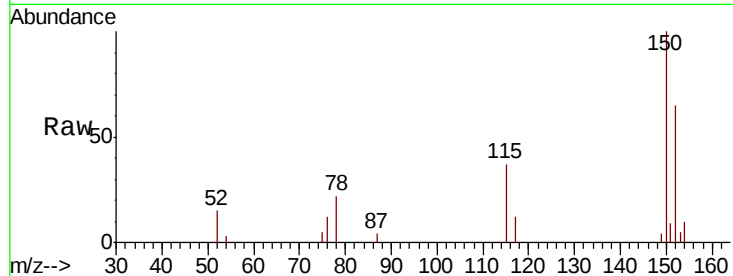




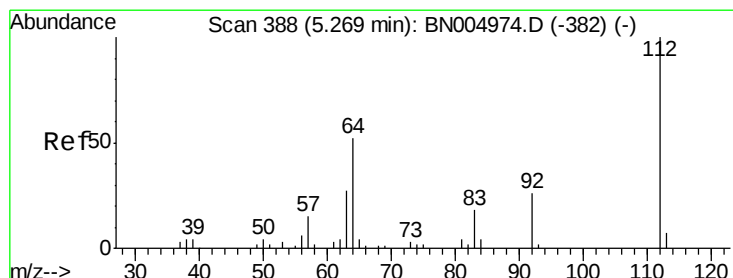
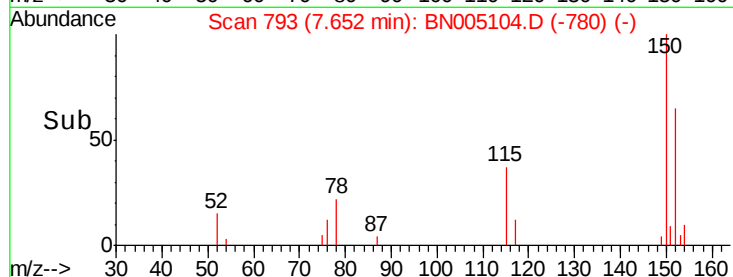
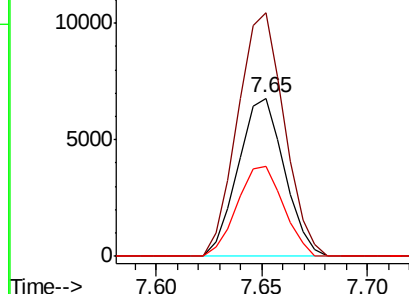
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

Instrument :
 BNA_N
 ClientSampleId :
 STONE

Tgt Ion:152 Resp: 10273
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.9 190.3
 115 56.7 47.8 71.6

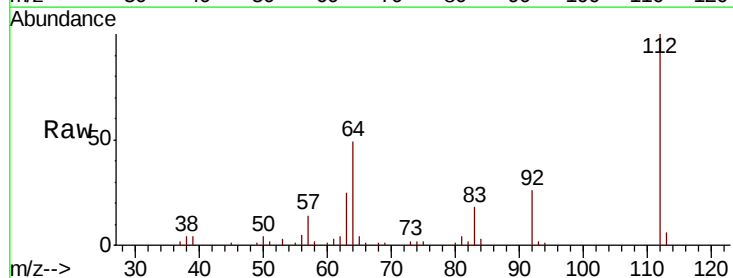


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

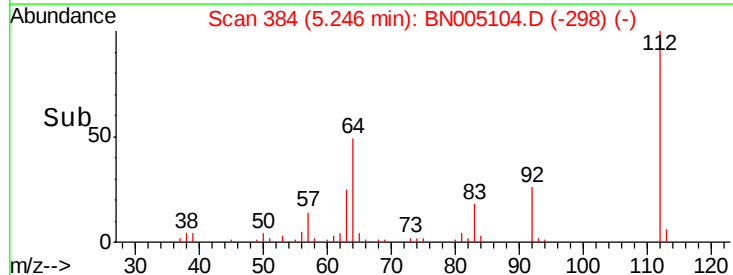
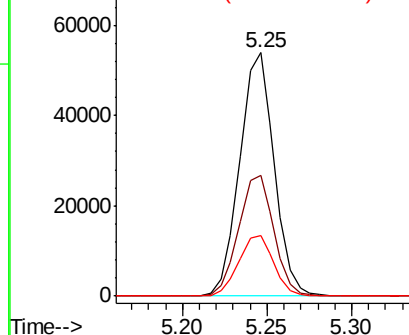


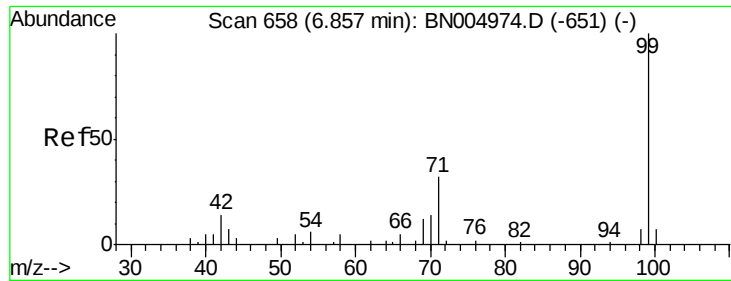
#5
 2-Fluorophenol
 Concen: 129.096 ng
 RT: 5.25 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

Tgt Ion:112 Resp: 76708
 Ion Ratio Lower Upper
 112 100
 64 49.4 41.9 62.9
 63 24.7 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: 127.899 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005104.D

Acq: 04 Apr 2019 21:39

Instrument :

BNA_N

ClientSampleId :

STONE

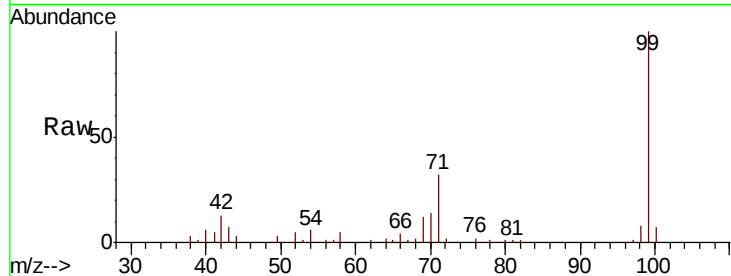
Tgt Ion: 99 Resp: 100798

Ion Ratio Lower Upper

99 100

42 13.3 11.4 17.0

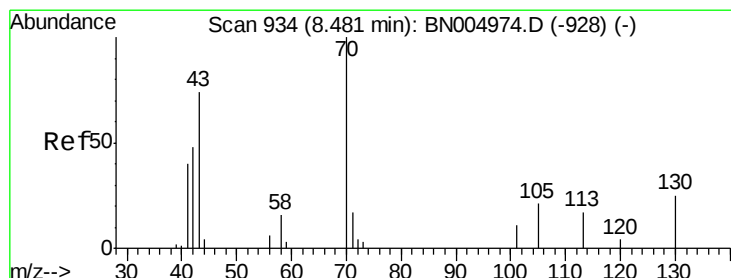
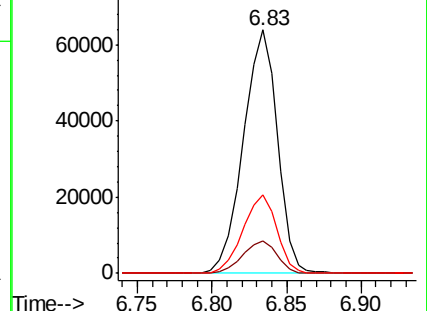
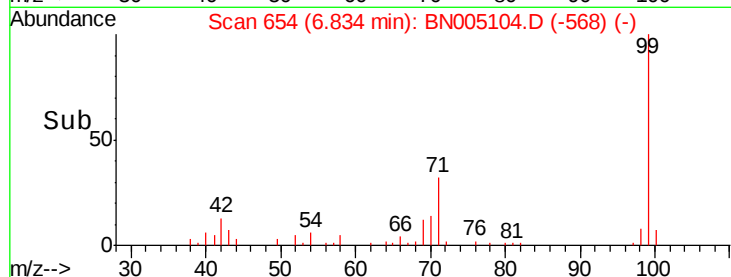
71 32.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 14.683 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005104.D

Acq: 04 Apr 2019 21:39

Tgt Ion: 70 Resp: 7586

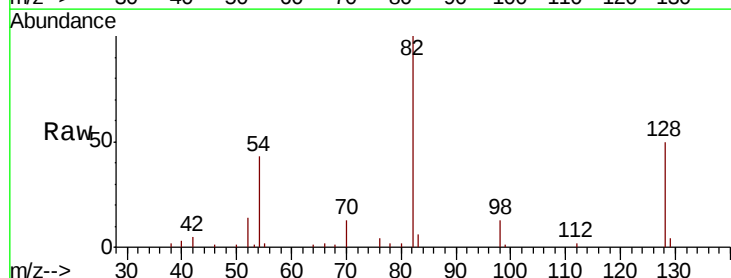
Ion Ratio Lower Upper

70 100

42 38.7 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

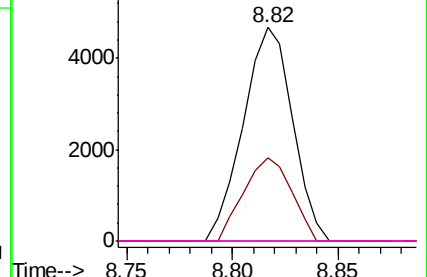
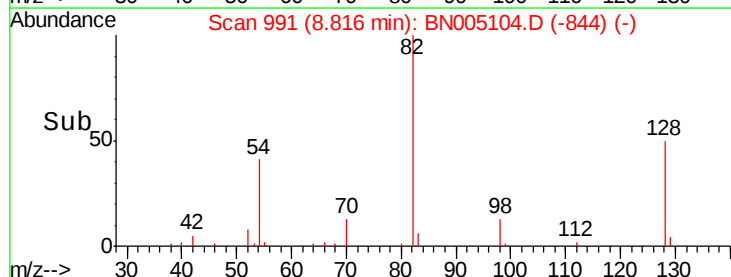


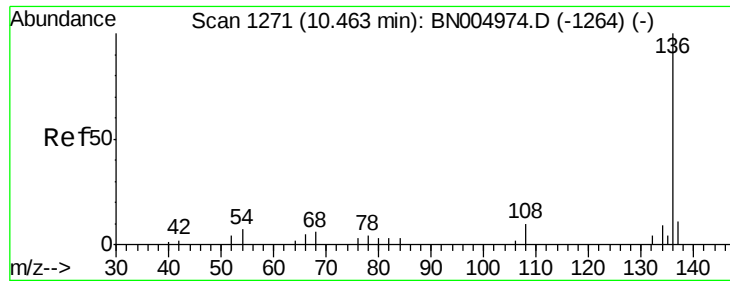
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BN004974.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-928) (-)

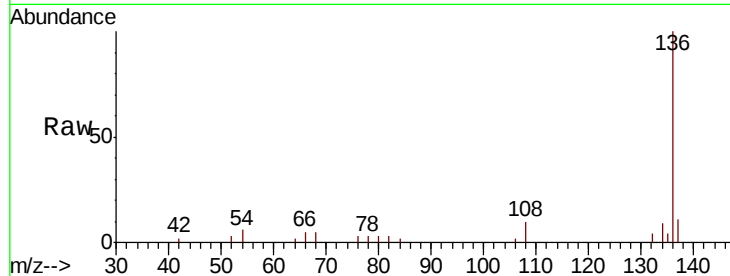




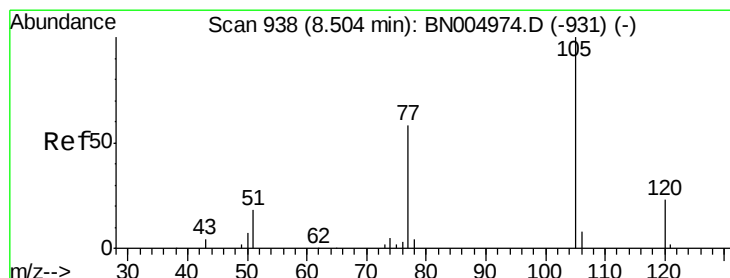
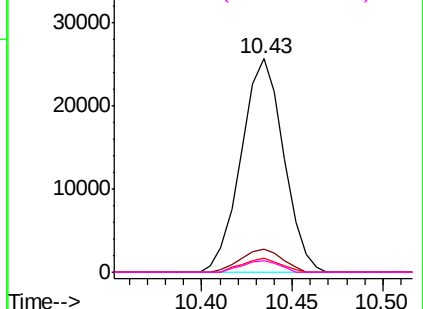
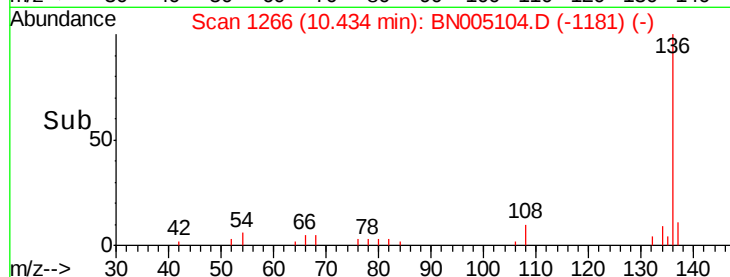
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005104.D
Acq: 04 Apr 2019 21:39

Instrument :
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Tgt Ion:	136	Resp:	41857
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	5.3	7.9
68	5.2	4.6	6.8

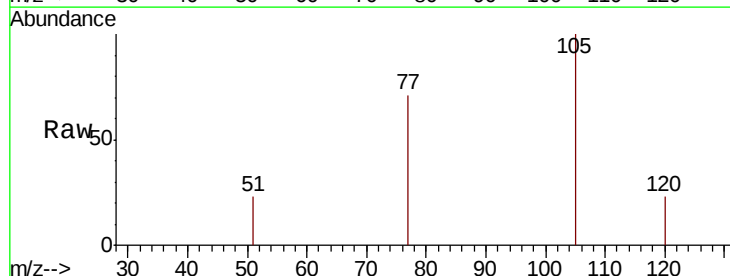


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

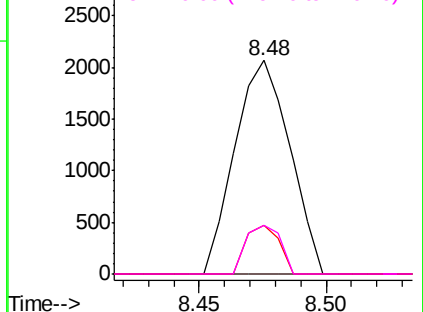
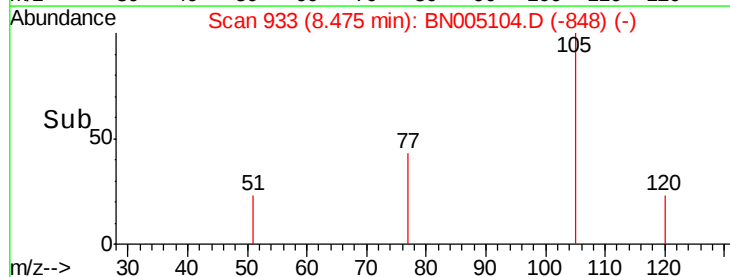


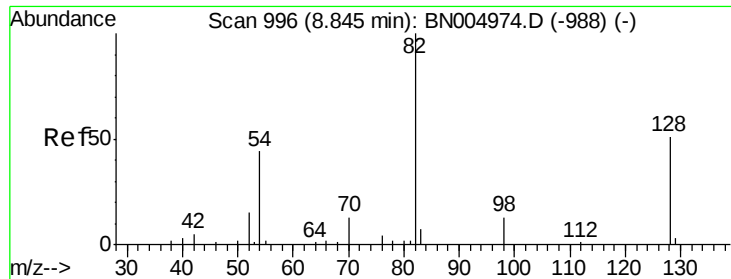
#22
Acetophenone
Concen: 3.273 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.03 min
Lab File: BN005104.D
Acq: 04 Apr 2019 21:39

Tgt Ion:	105	Resp:	3127
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	22.6	17.8	26.8
120	23.0	18.6	27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

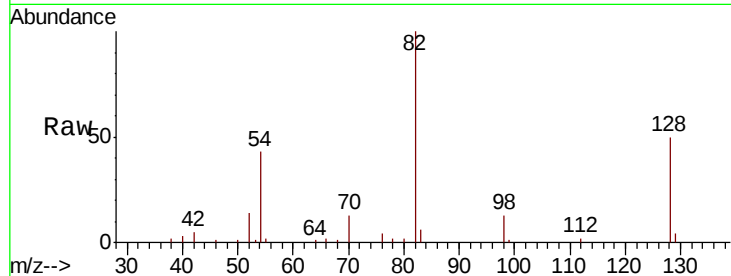




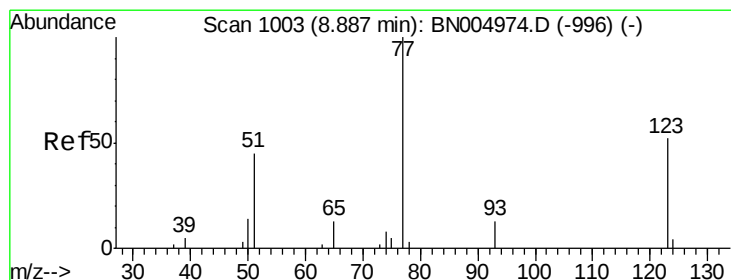
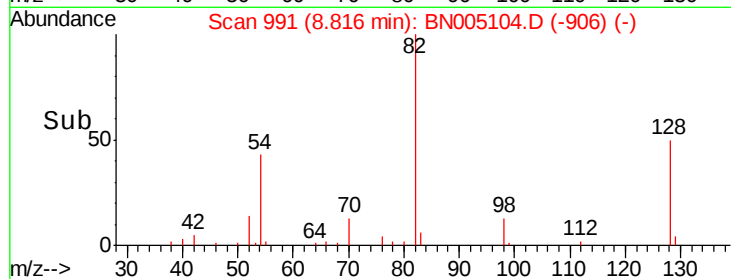
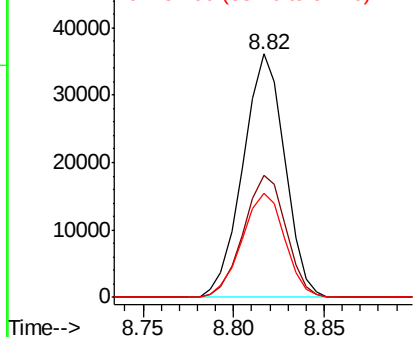
#23
 Nitrobenzene-d5
 Concen: 83.846 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

Instrument :
 BNA_N
 ClientSampled :
 STONE

Tgt Ion: 82 Resp: 58017
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.6 60.8
 54 42.6 35.2 52.8

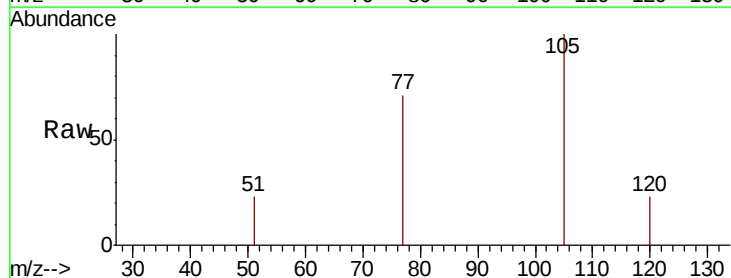


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

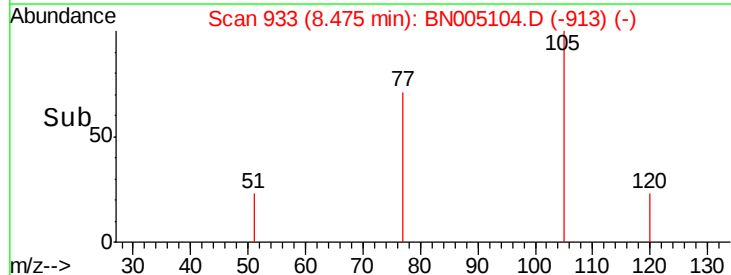
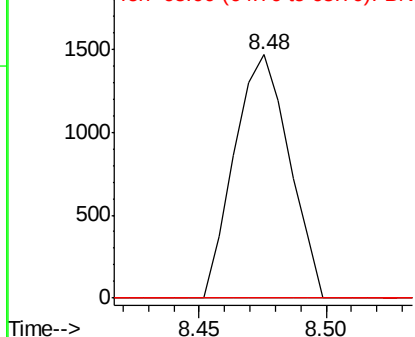


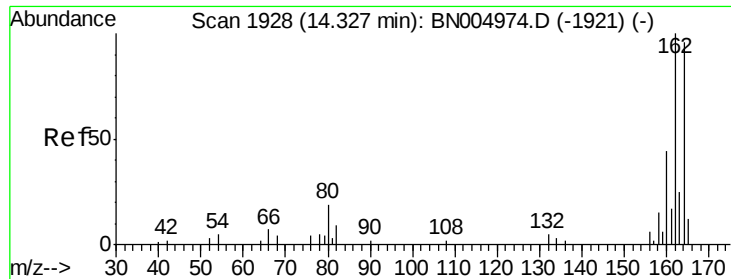
#24
 Nitrobenzene
 Concen: 3.169 ng
 RT: 8.48 min Scan# 933
 Delta R.T. -0.41 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

Tgt Ion: 77 Resp: 2219
 Ion Ratio Lower Upper
 77 100
 123 0.0 41.3 61.9#
 65 0.0 10.3 15.5#



Abundance Ion 77.00 (76.70 to 77.70): BN0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BN0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BN005104.D

Acq: 04 Apr 2019 21:39

Instrument :

BNA_N

ClientSampleId :

STONE

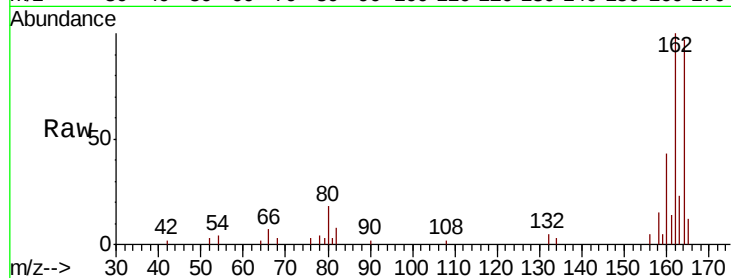
Tgt Ion:164 Resp: 23770

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.0

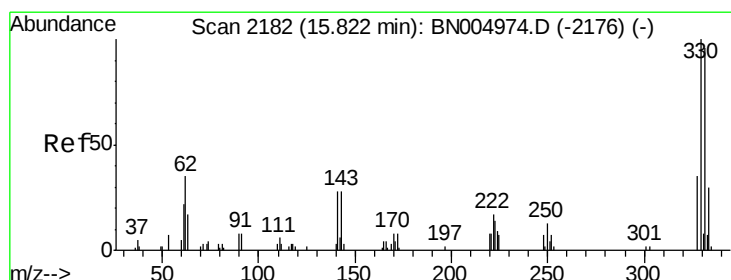
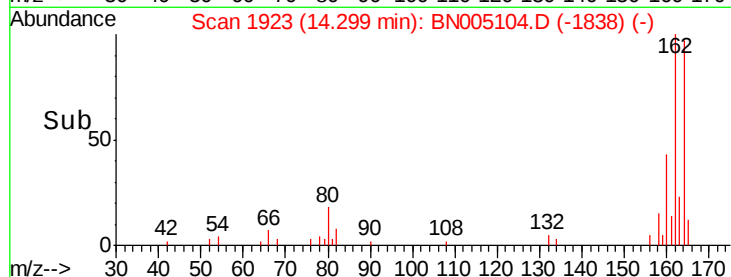
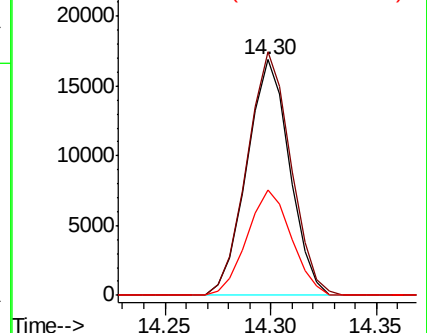
160 44.7 36.6 55.0



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: 147.707 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005104.D

Acq: 04 Apr 2019 21:39

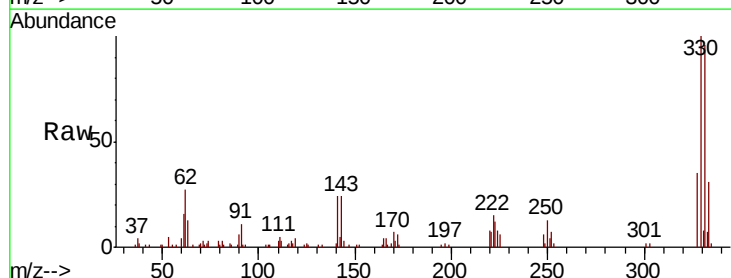
Tgt Ion:330 Resp: 56626

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

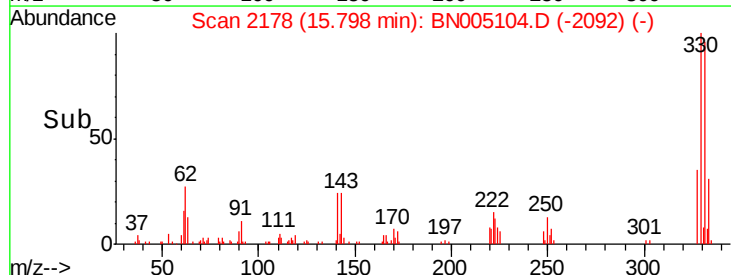
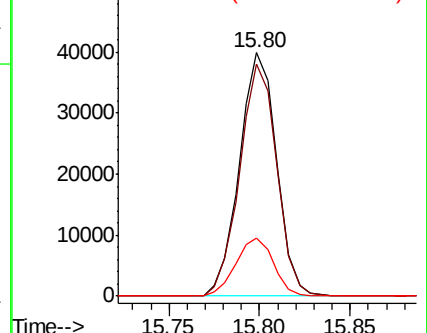
141 24.4 22.1 33.1

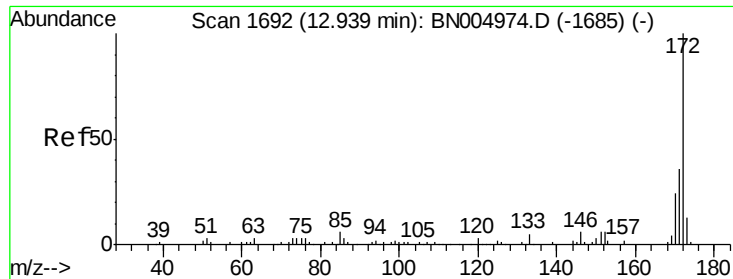


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

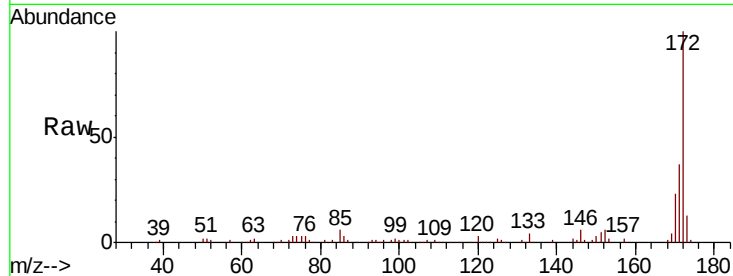




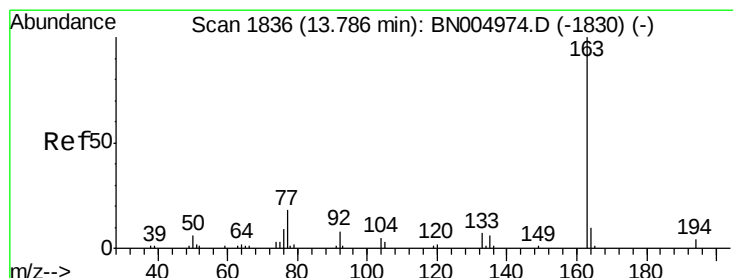
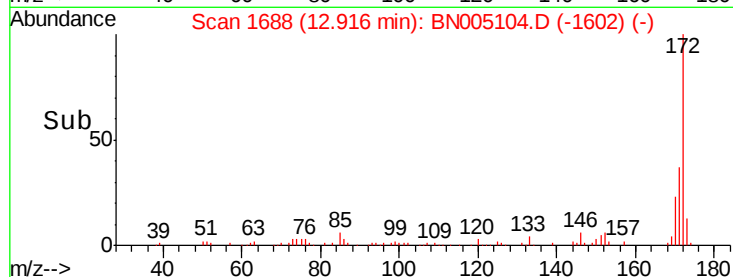
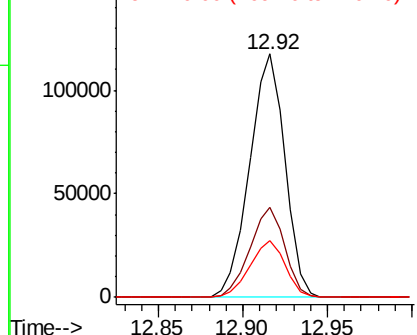
#45
 2-Fluorobiphenyl
 Concen: 95.134 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

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Tgt Ion:172 Resp: 170651
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 23.4 18.9 28.3

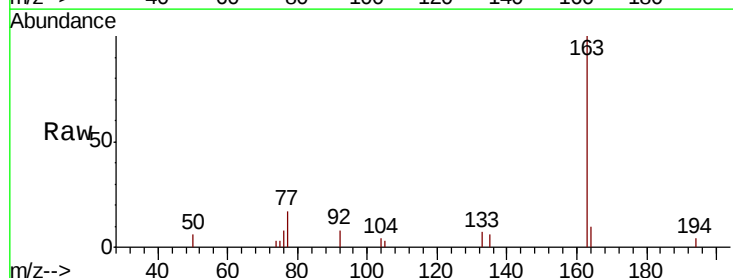


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

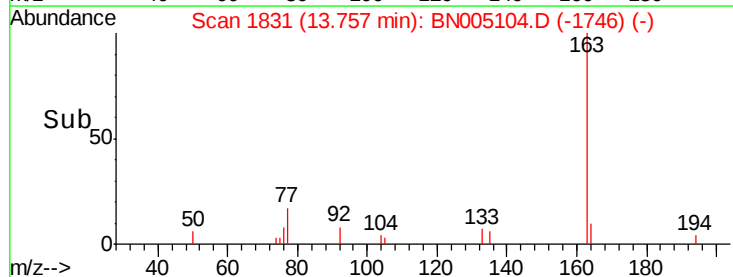
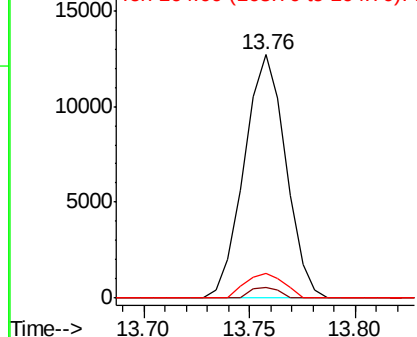


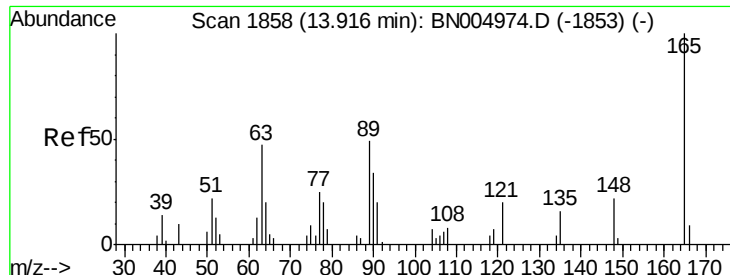
#50
 Dimethylphthalate
 Concen: 8.901 ng
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

Tgt Ion:163 Resp: 17382
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.0
 164 10.0 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

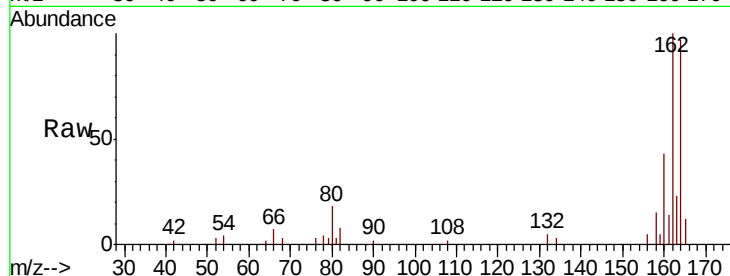




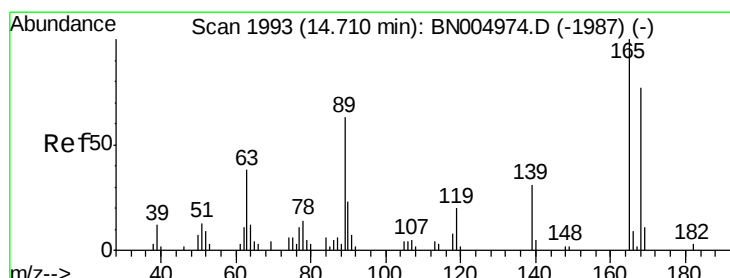
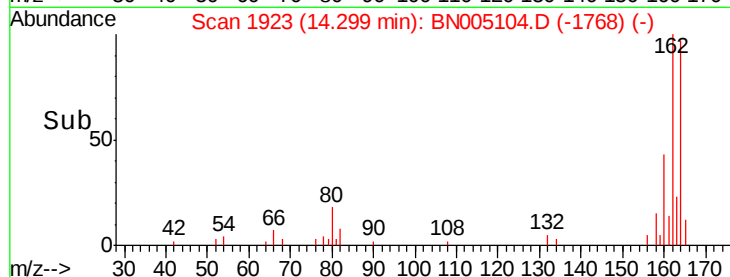
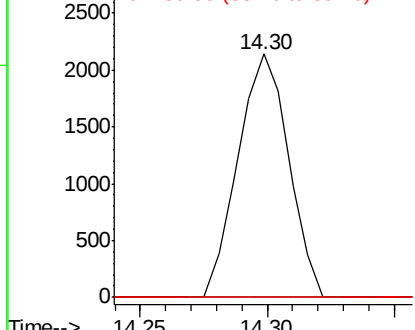
#51
 2,6-Dinitrotoluene
 Concen: 6.722 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

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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#

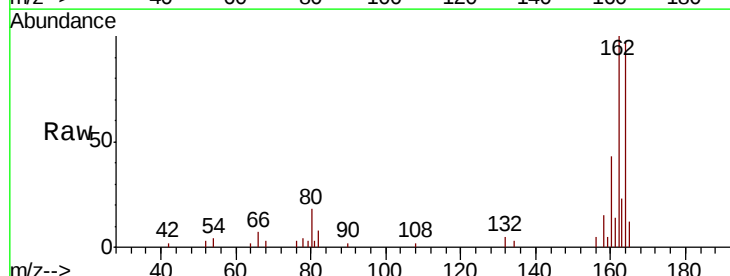


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

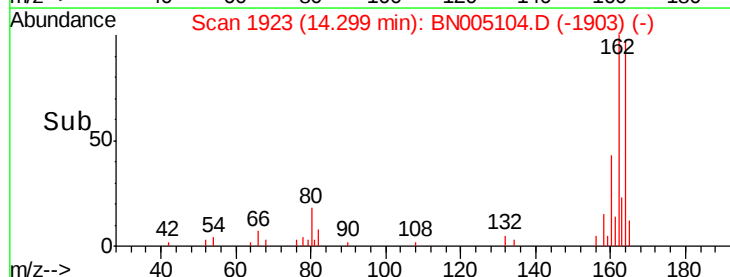
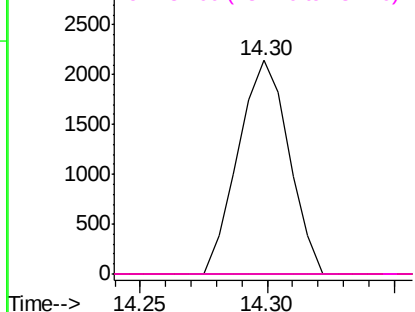


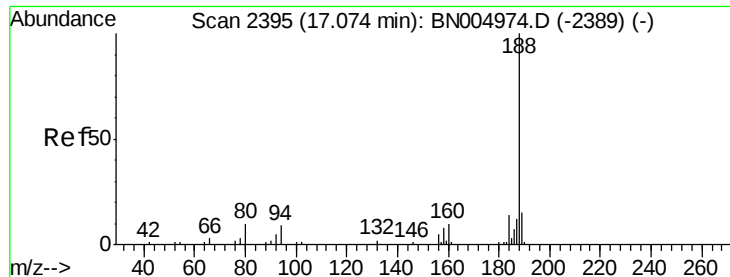
#57
 2,4-Dinitrotoluene
 Concen: 4.946 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

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

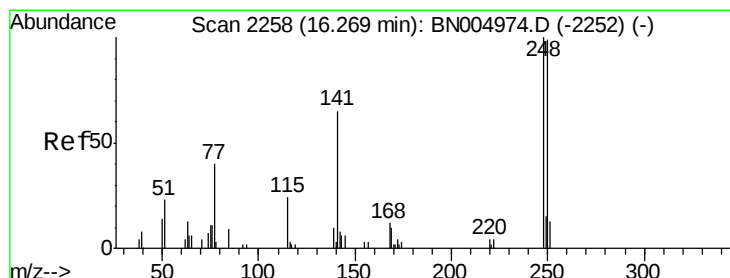
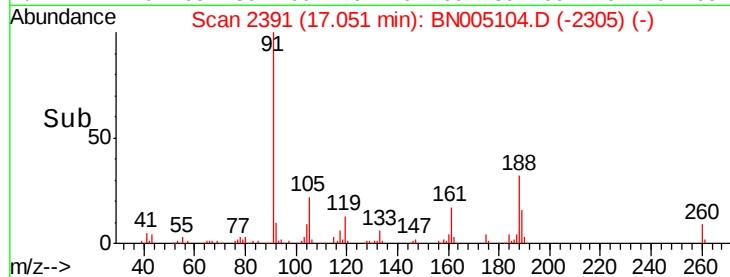
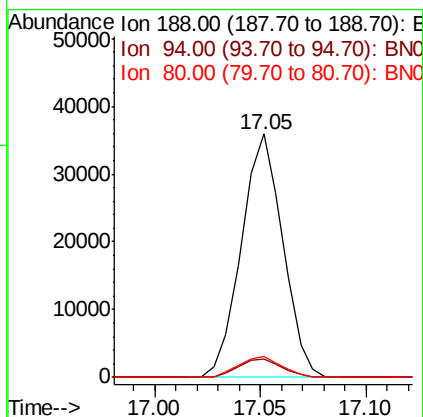
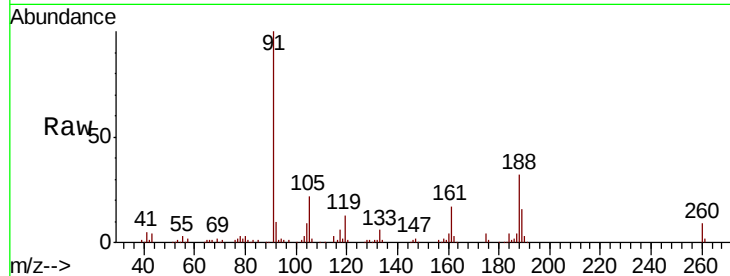




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

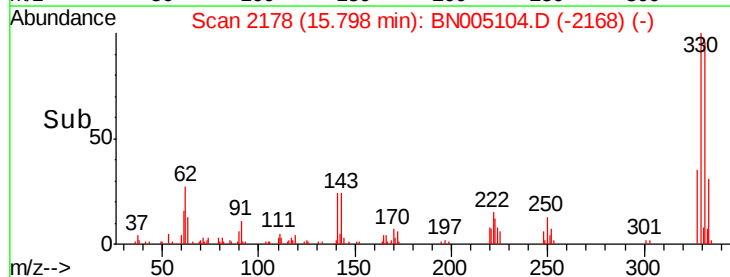
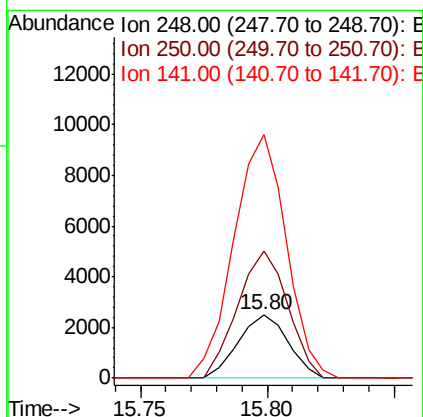
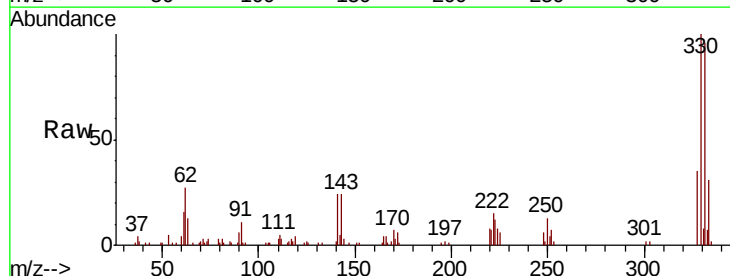
Instrument :
 BNA_N
 ClientSampleId :
 STONE

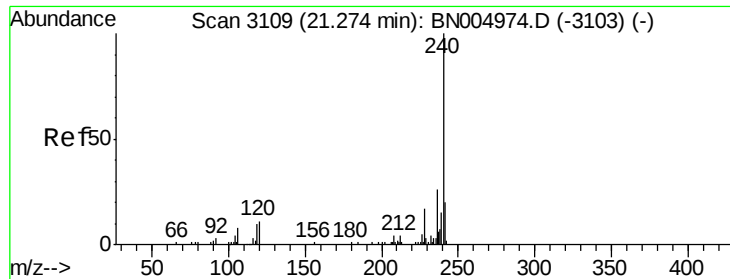
Tgt Ion:188 Resp: 48773
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.2 10.8
 80 8.8 7.8 11.6



#67
 4-Bromophenyl-phenylether
 Concen: 5.609 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005104.D
 Acq: 04 Apr 2019 21:39

Tgt Ion:248 Resp: 3414
 Ion Ratio Lower Upper
 248 100
 250 199.4 79.4 119.2#
 141 381.9 52.3 78.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN005104.D

Acq: 04 Apr 2019 21:39

Instrument :

BNA_N

ClientSampleId :

STONE

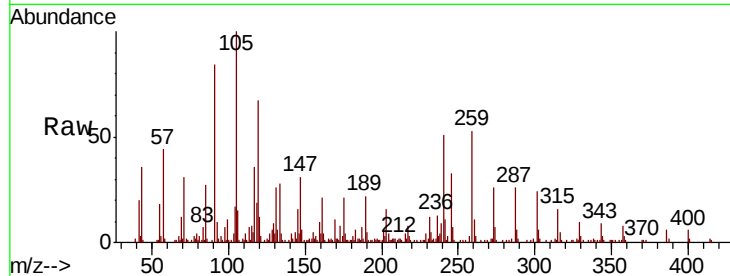
Tgt Ion:240 Resp: 36932

Ion Ratio Lower Upper

240 100

120 24.1 8.5 12.7#

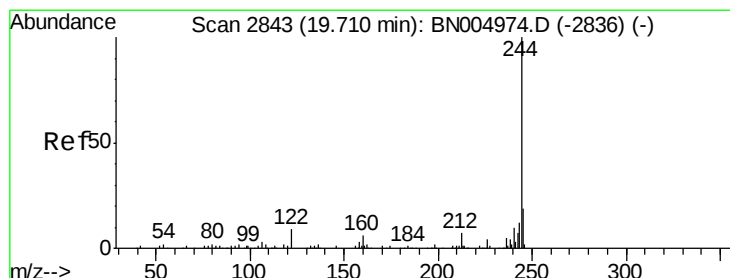
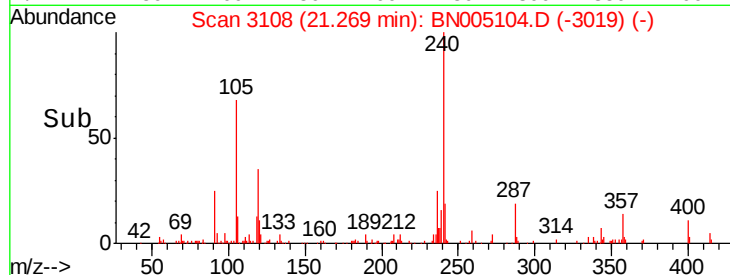
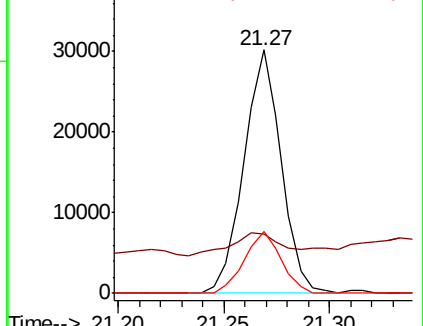
236 25.5 21.2 31.8



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: 105.430 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BN005104.D

Acq: 04 Apr 2019 21:39

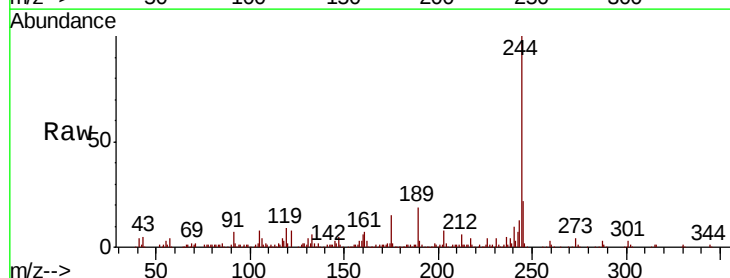
Tgt Ion:244 Resp: 202246

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

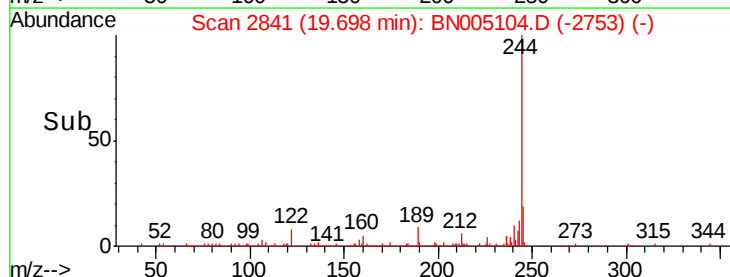
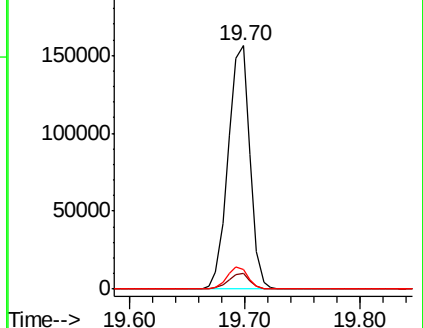
122 8.3 7.4 11.2

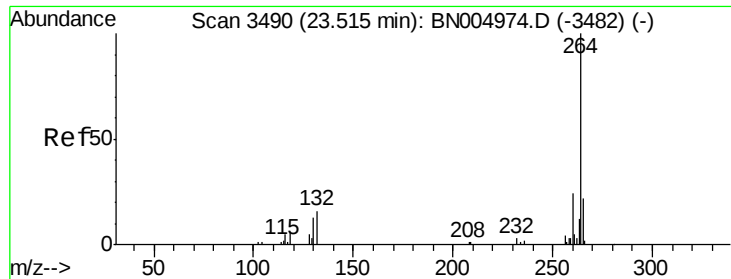


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

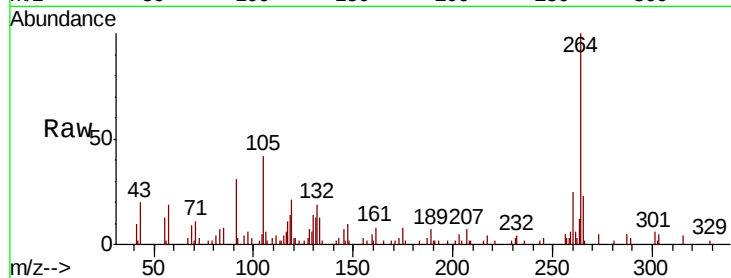




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BN005104.D
Acq: 04 Apr 2019 21:39

Instrument :
BNA_N
ClientSampleId :
STONE

Tgt Ion: 264 Resp: 37000
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.4
265 22.8 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

