

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003523.D
 Acq On : 13 Nov 2018 21:52
 Operator : MJ/SJ
 Sample : J5908-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SR-3-S

Quant Time: Nov 14 01:11:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

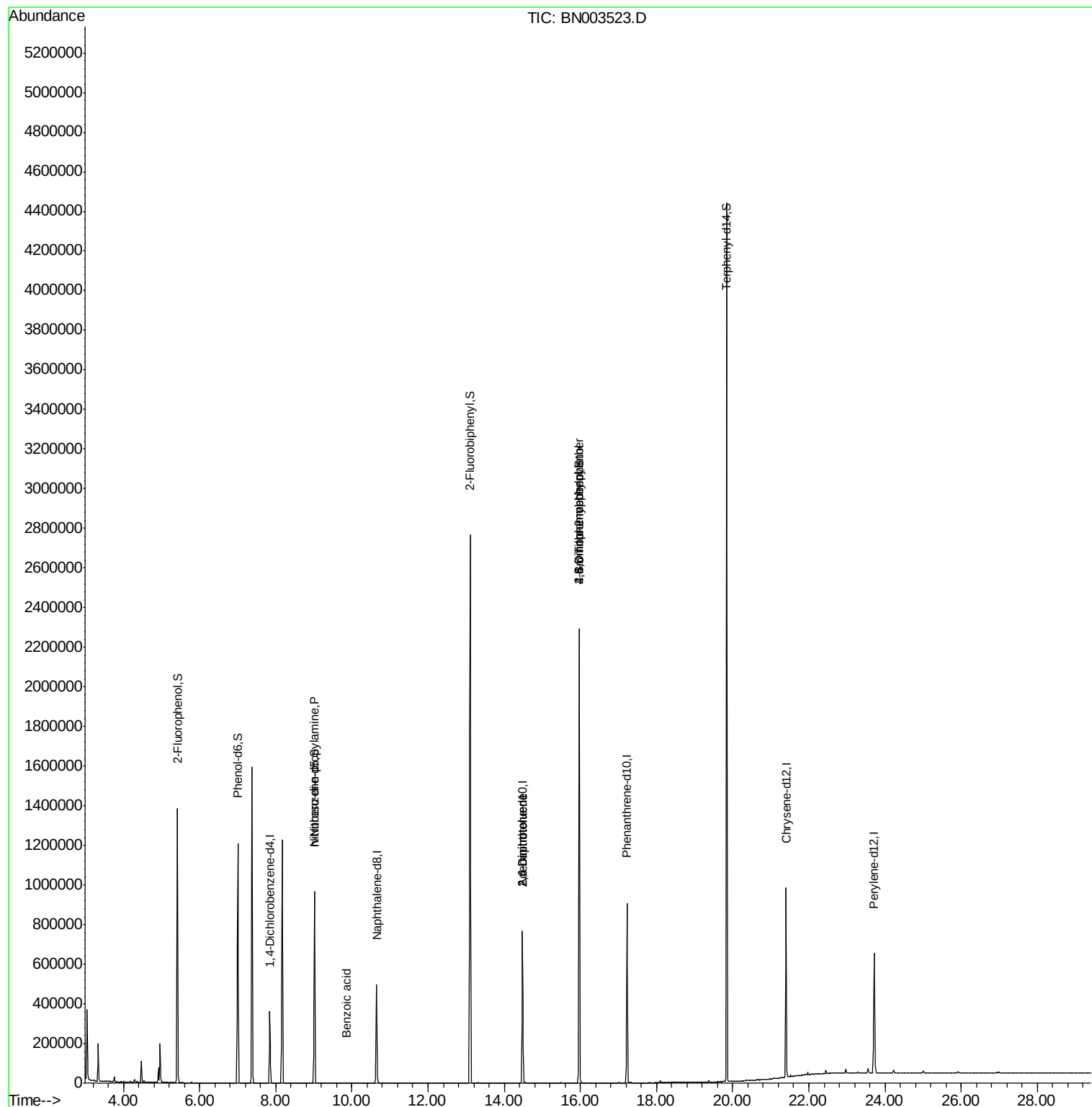
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	101459	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	424279	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	250288	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	558032	20.00	ng	0.00
76) Chrysene-d12	21.40	240	455598	20.00	ng	0.00
87) Perylene-d12	23.72	264	453119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	616144	109.53	ng	0.00
7) Phenol-d6	7.00	99	728097	93.32	ng	0.00
23) Nitrobenzene-d5	9.02	82	546569	81.09	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	472196	126.55	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1515005	80.79	ng	0.00
79) Terphenyl-d14	19.85	244	2079336	89.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	69272	13.188	ng	# 76
32) Benzoic acid	9.85	122	115	5.239	ng	# 57
51) 2,6-Dinitrotoluene	14.48	165	31811	6.951	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	31811	5.142	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	843	5.133	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	30431	4.323	ng	# 1

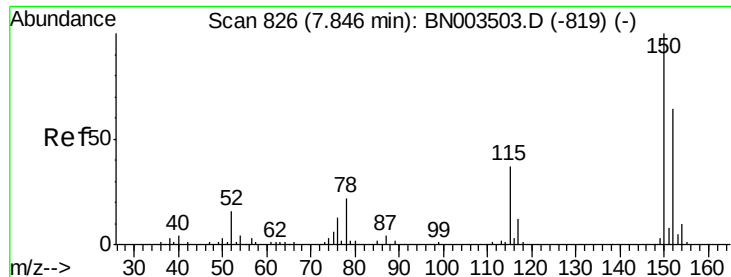
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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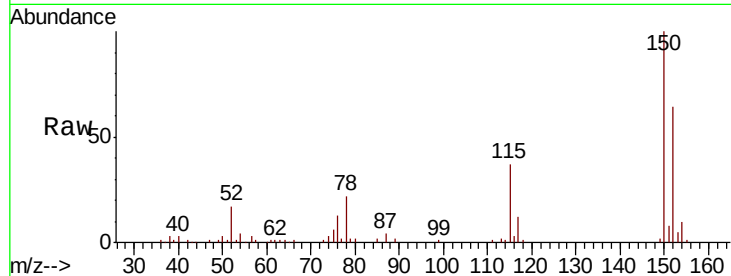


#1

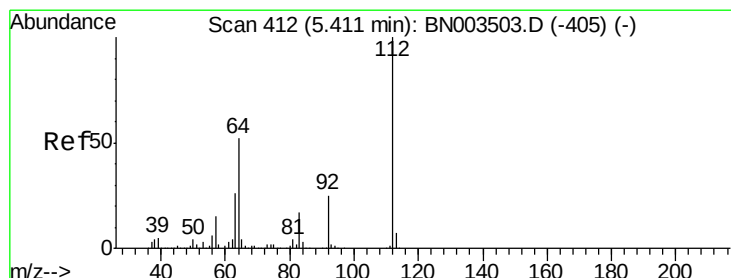
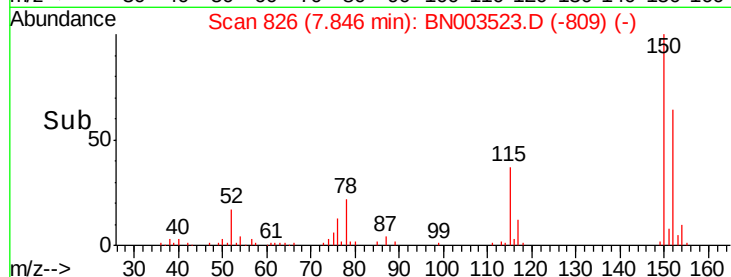
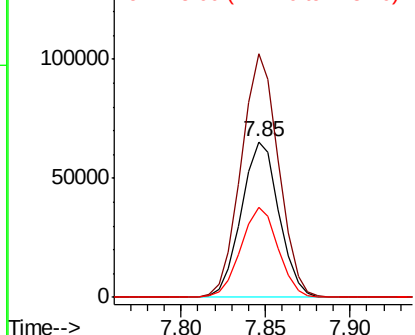
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:152 Resp: 101459
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.0
115 58.2 45.9 68.9



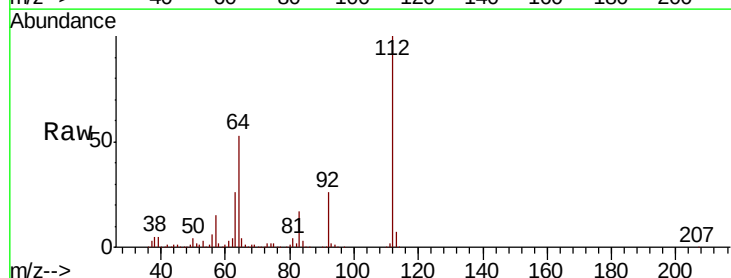
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



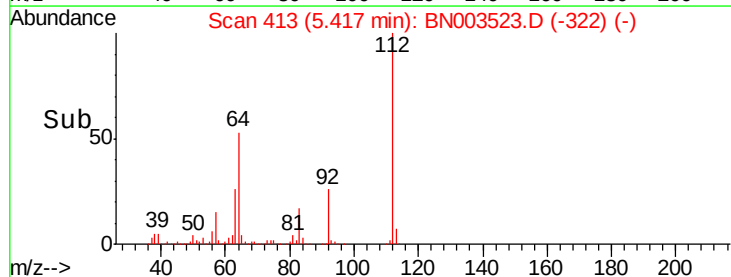
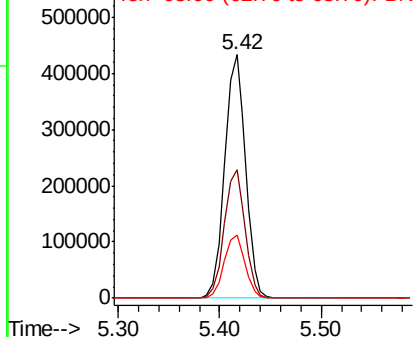
#5

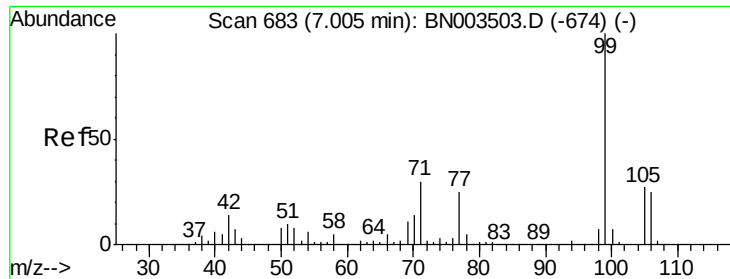
2-Fluorophenol
Concen: 109.528 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:112 Resp: 616144
Ion Ratio Lower Upper
112 100
64 52.7 41.4 62.2
63 26.1 20.5 30.7



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: 93.325 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BN003523.D

Acq: 13 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

SR-3-S

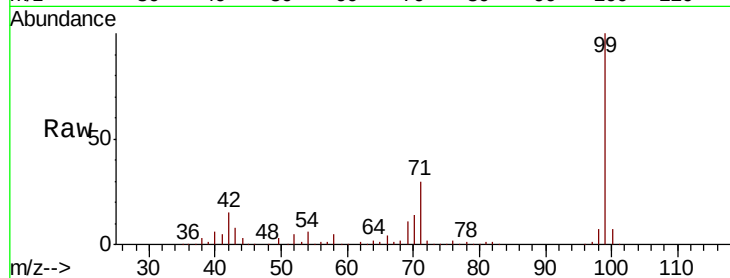
Tgt Ion: 99 Resp: 728097

Ion Ratio Lower Upper

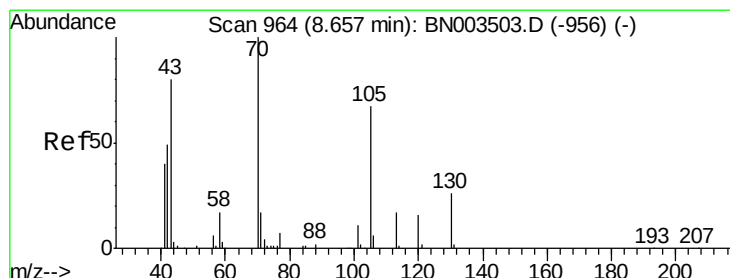
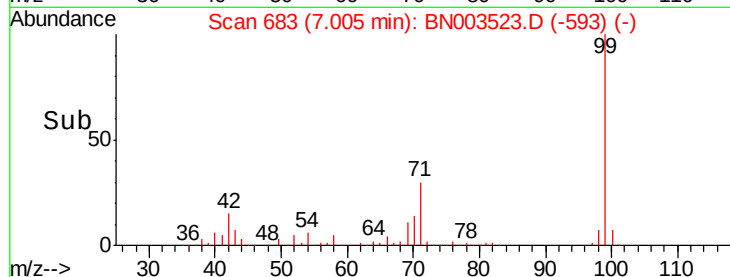
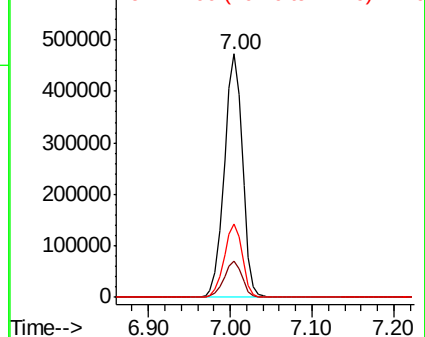
99 100

42 14.7 11.6 17.4

71 30.3 24.2 36.2



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: 13.188 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003523.D

Acq: 13 Nov 2018 21:52

Tgt Ion: 70 Resp: 69272

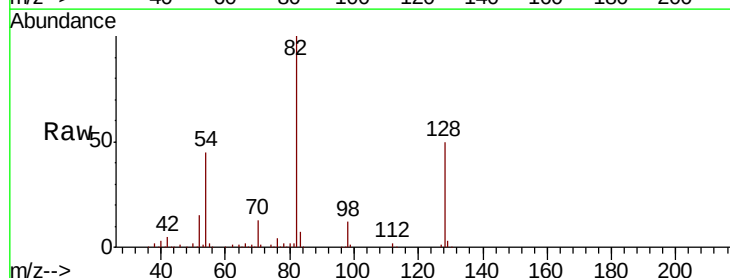
Ion Ratio Lower Upper

70 100

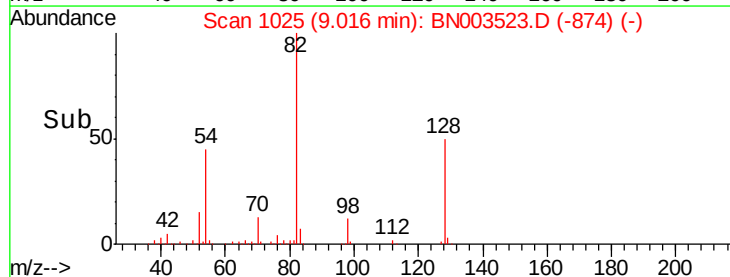
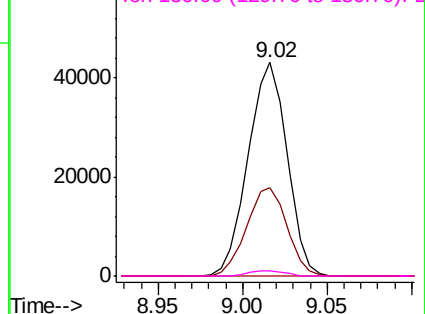
42 41.6 39.7 59.5

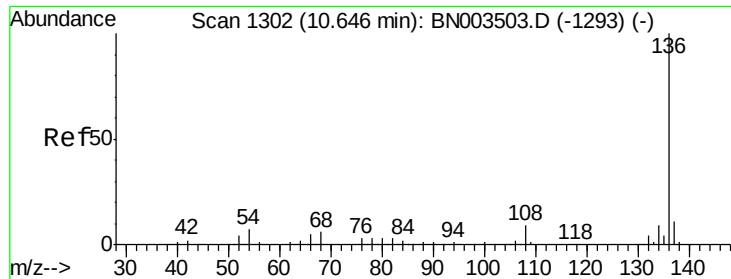
101 0.0 8.8 13.2#

130 2.4 20.8 31.2#



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

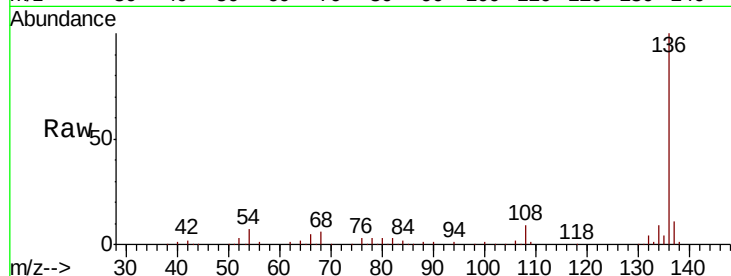




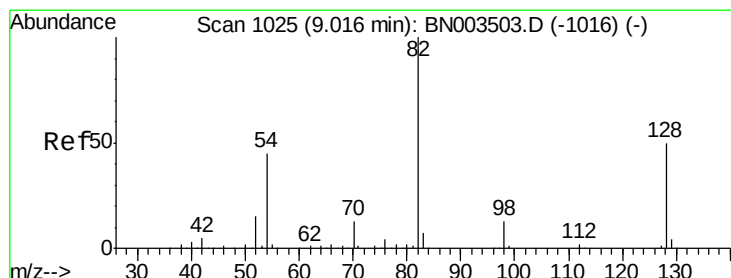
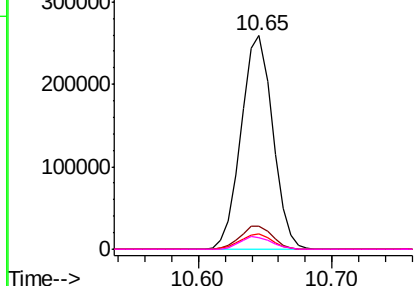
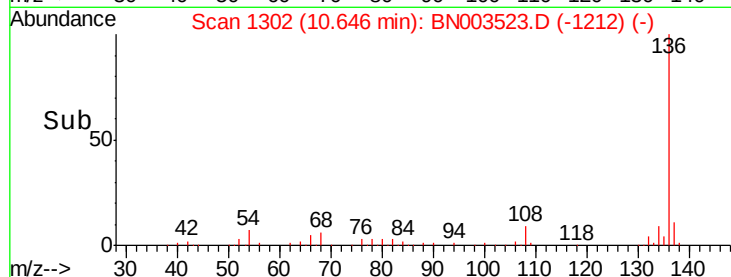
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:	136	Resp:	424279
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.0	5.7	8.5
68	5.7	4.7	7.1

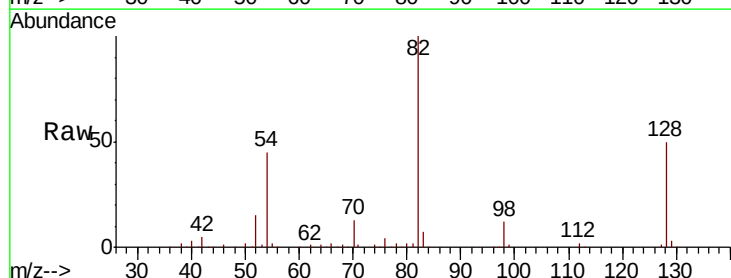


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

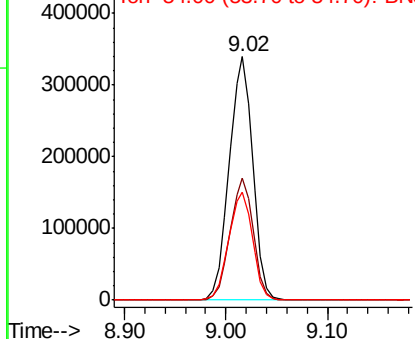
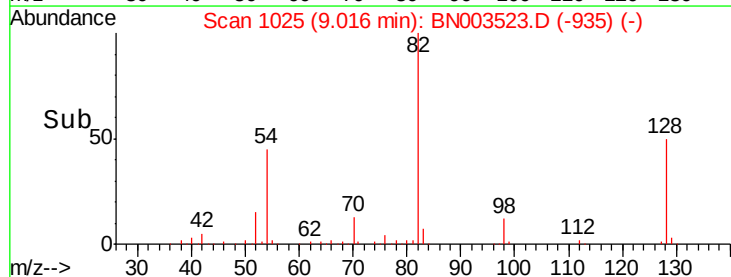


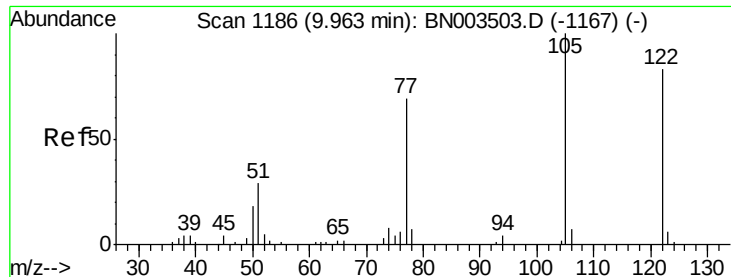
#23
Nitrobenzene-d5
Concen: 81.090 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:	82	Resp:	546569
Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.0	60.0
54	44.6	36.1	54.1



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

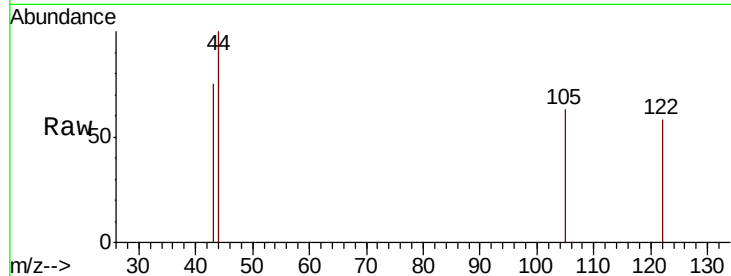




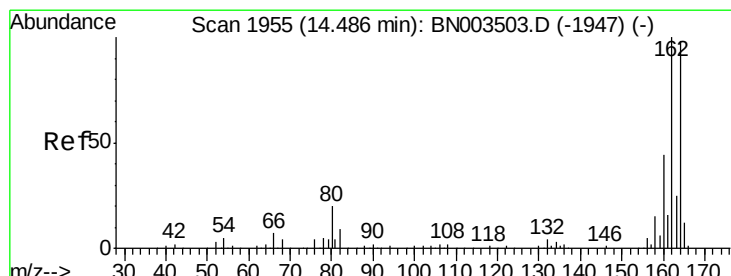
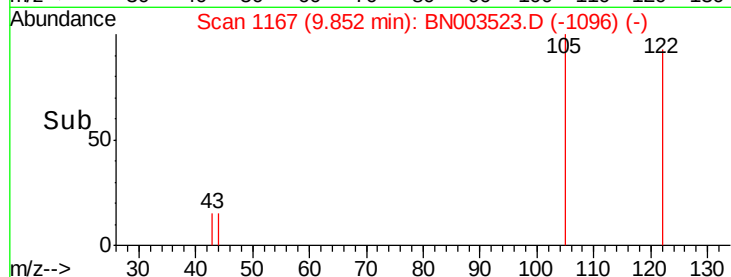
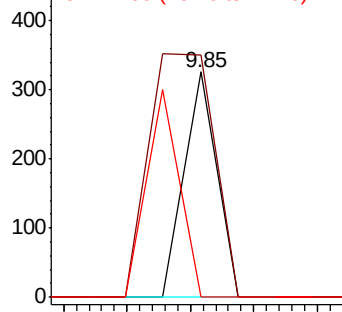
#32
Benzoic acid
Concen: 5.239 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:122 Resp: 115
Ion Ratio Lower Upper
122 100
105 107.7 98.4 138.4
77 0.0 62.2 102.2#

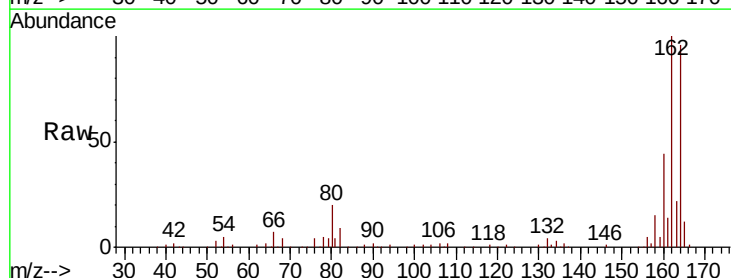


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNO

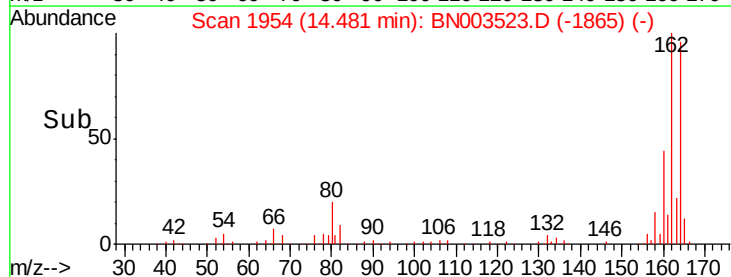
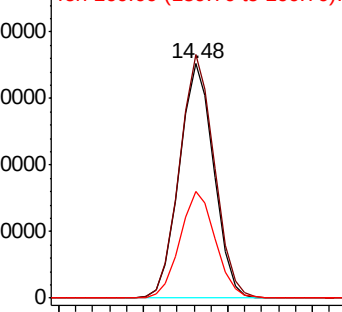


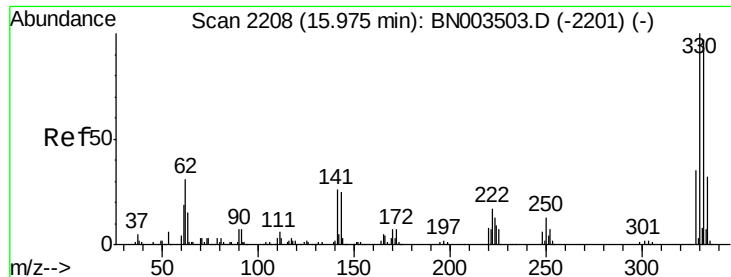
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:164 Resp: 250288
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 45.6 36.2 54.2



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

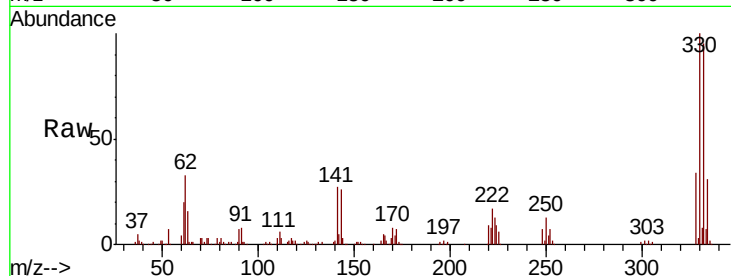




#42
 2,4,6-Tribromophenol
 Concen: 126.555 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :
 SR-3-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	26.6	21.6	32.4

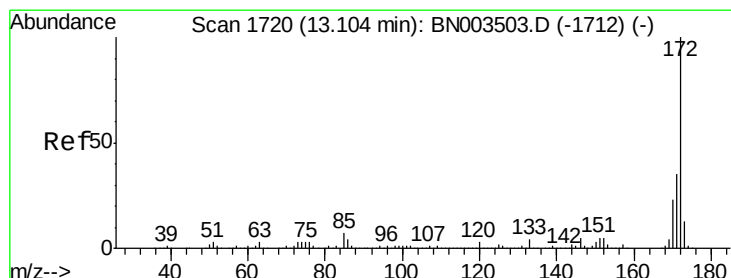
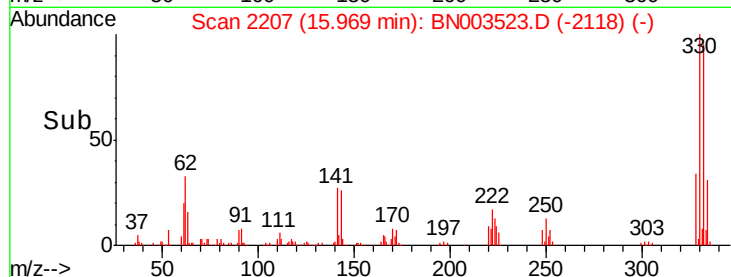
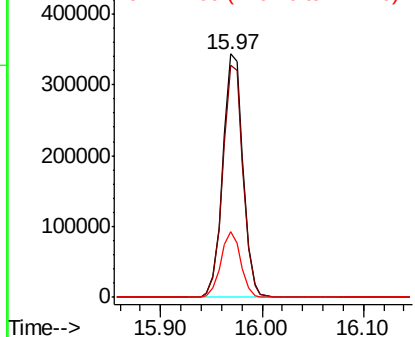


Abundance

Ion 329.80 (329.50 to 330.50): E

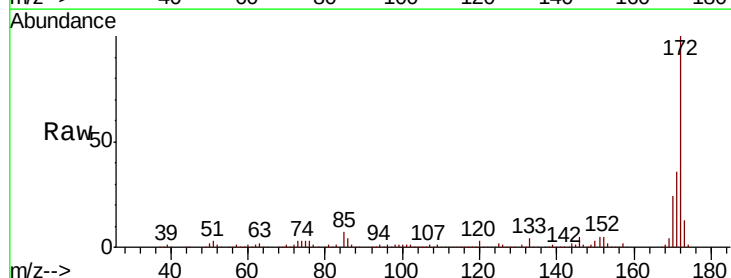
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.793 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	23.5	18.7	28.1

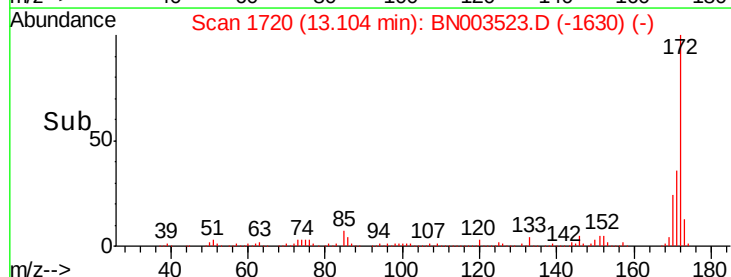
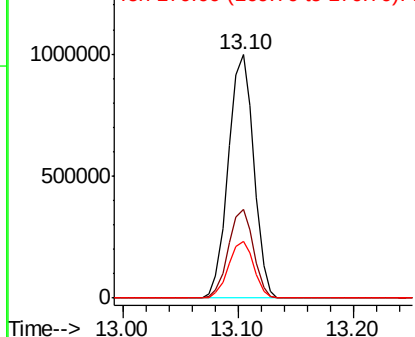


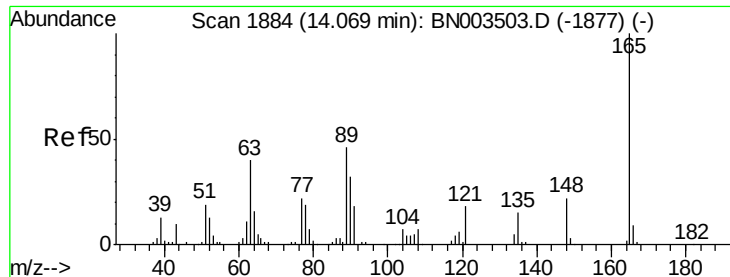
Abundance

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

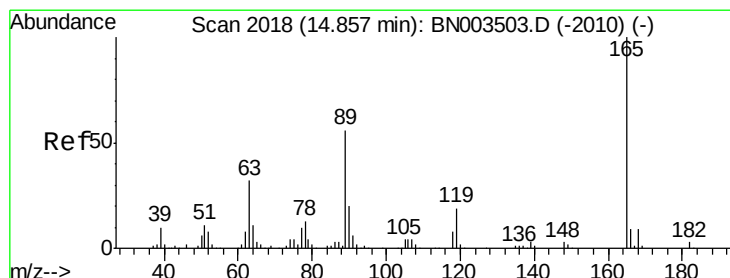
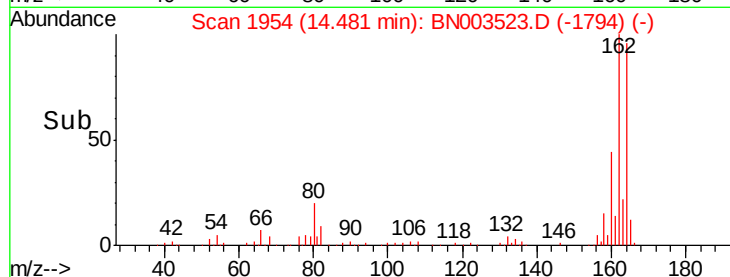
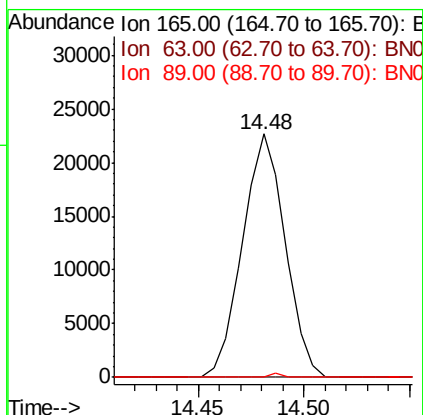
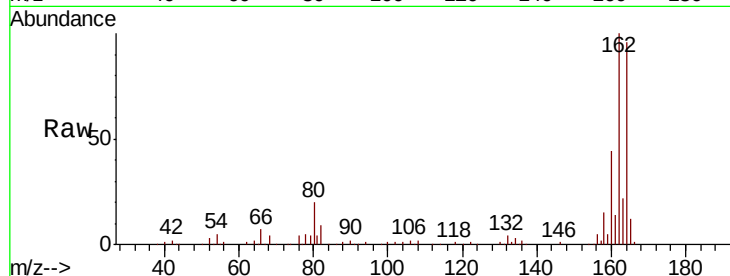




#51
 2,6-Dinitrotoluene
 Concen: 6.951 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

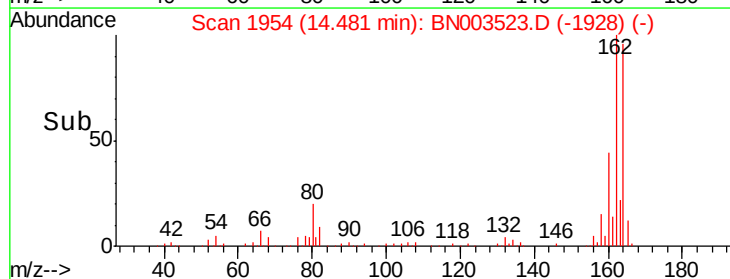
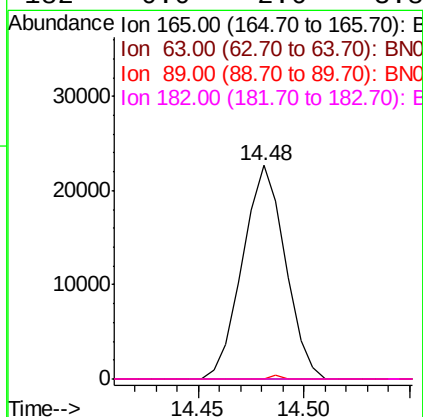
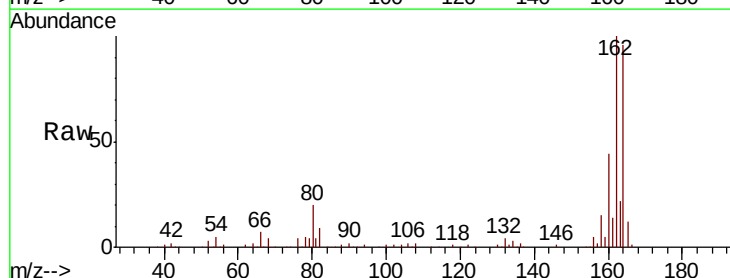
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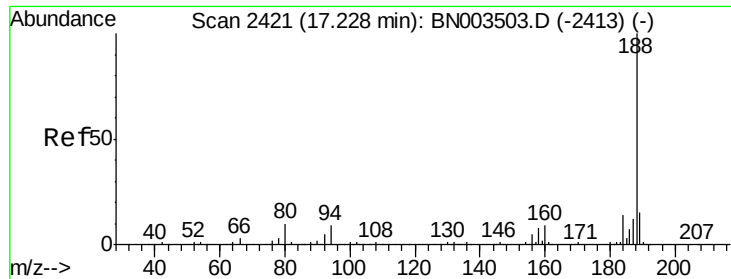
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	36.7	55.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.142 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.2#
89	0.0	44.7	67.1#
182	0.0	2.6	3.8#

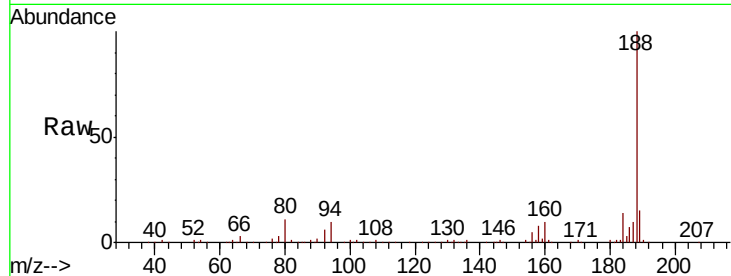




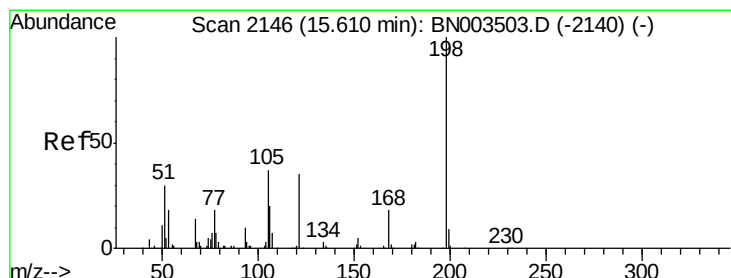
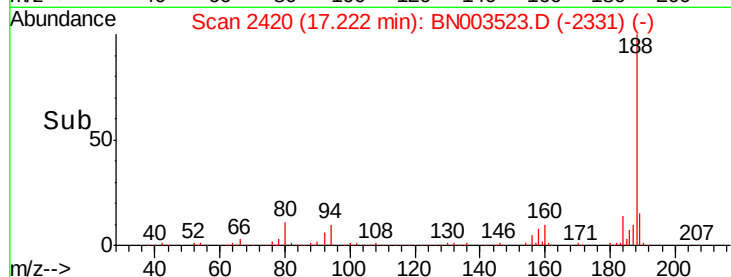
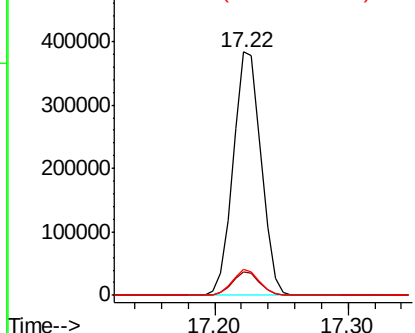
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Instrument :
 BNA_N
 ClientSampled :
 SR-3-S

Tgt Ion:188 Resp: 558032
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.6 11.4
 80 10.5 8.2 12.2

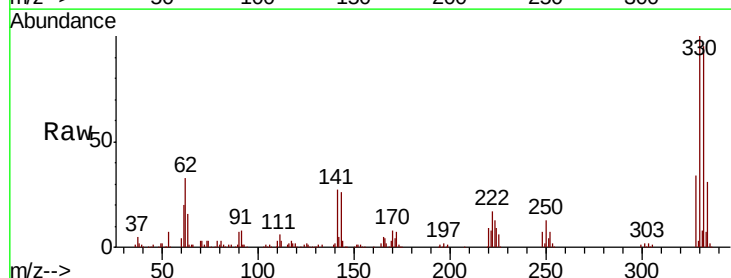


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

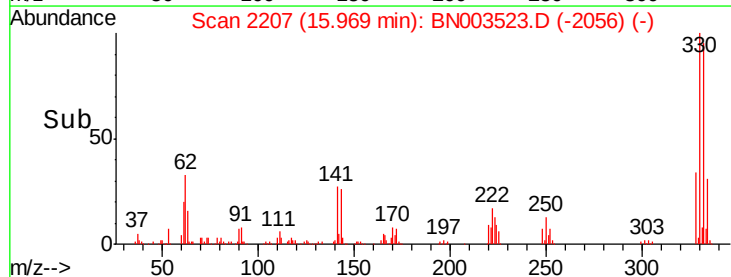
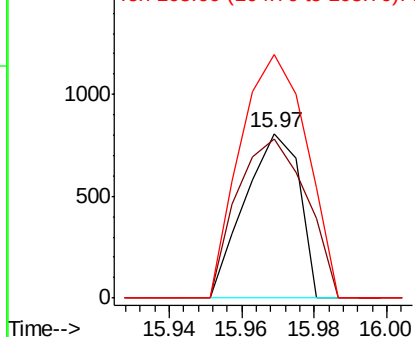


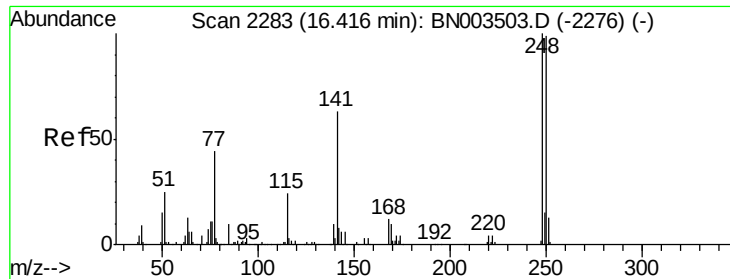
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.133 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. 0.36 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Tgt Ion:198 Resp: 843
 Ion Ratio Lower Upper
 198 100
 51 97.0 13.8 53.8#
 105 148.2 18.3 58.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNC
 Ion 105.00 (104.70 to 105.70): E

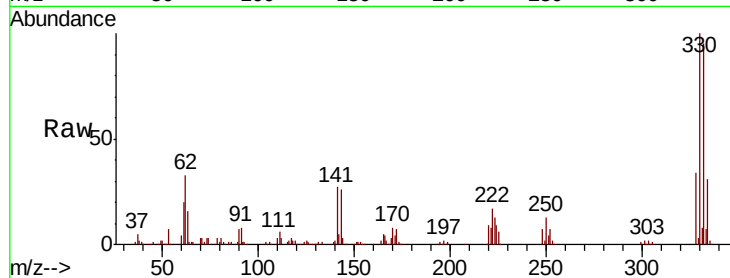




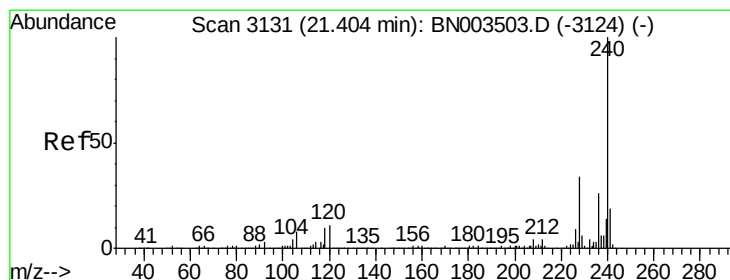
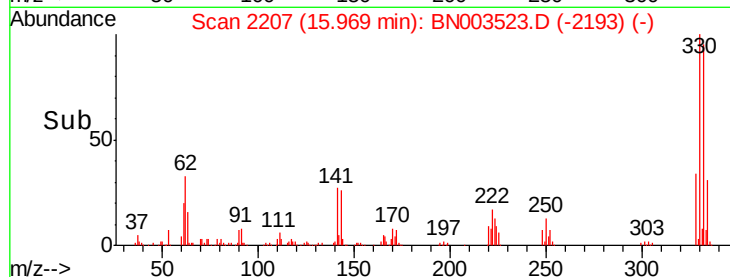
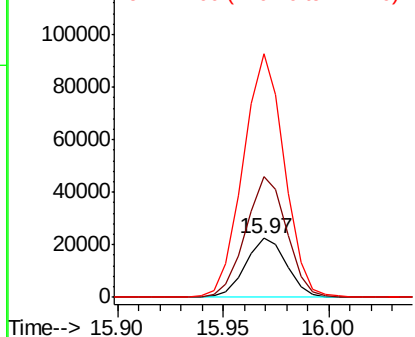
#67
 4-Bromophenyl-phenylether
 Concen: 4.323 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.45 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :
 SR-3-S

Tgt Ion:248 Resp: 30431
 Ion Ratio Lower Upper
 248 100
 250 203.8 79.0 118.6#
 141 412.0 50.7 76.1#

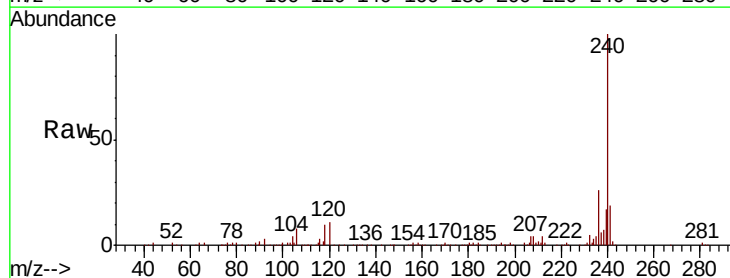


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

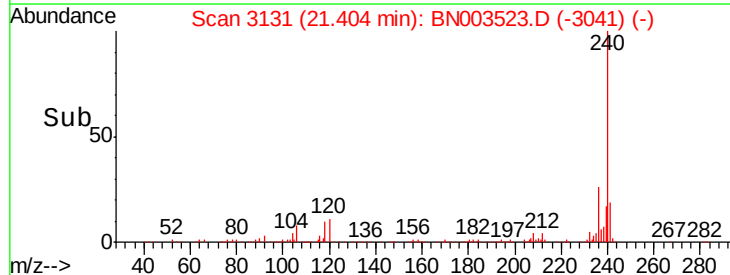
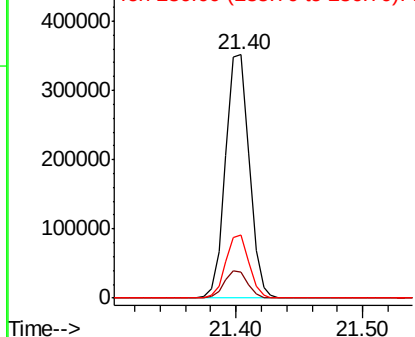


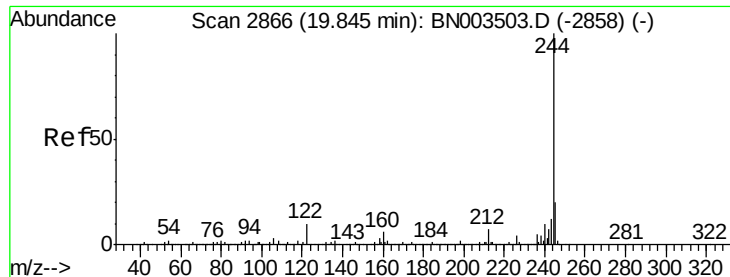
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Tgt Ion:240 Resp: 455598
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.1 13.7
 236 26.1 20.6 30.8



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

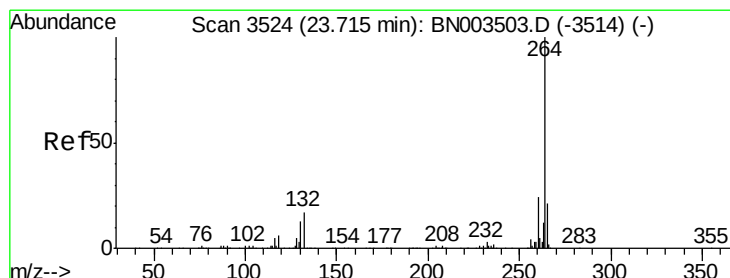
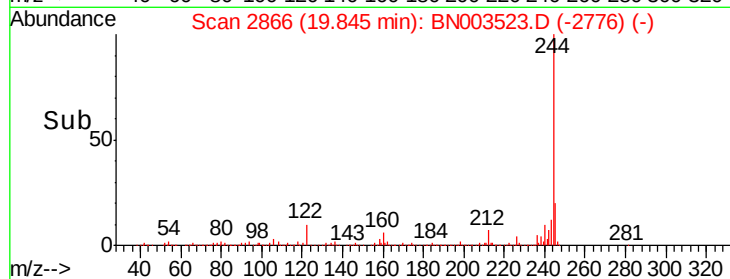
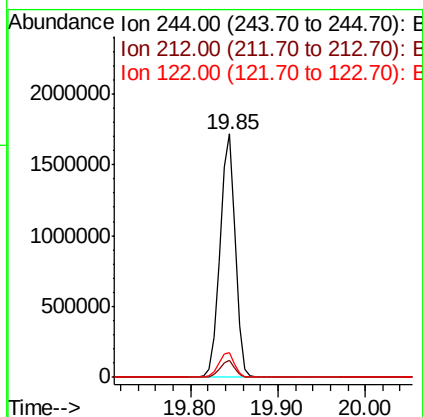
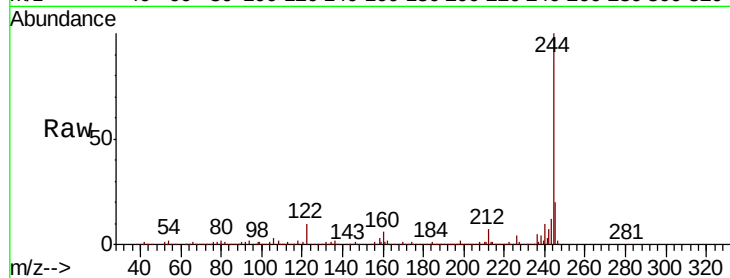




#79
 Terphenyl-d14
 Concen: 89.852 ng
 RT: 19.85 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :
 SR-3-S

Tgt Ion:244 Resp: 2079336
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.0 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.72 min Scan# 3524
 Delta R.T. 0.00 min
 Lab File: BN003523.D
 Acq: 13 Nov 2018 21:52

Tgt Ion:264 Resp: 453119
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.8 17.2 25.8

