

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003516.D
 Acq On : 13 Nov 2018 17:46
 Operator : MJ/SJ
 Sample : J5909-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-15-D

Quant Time: Nov 14 01:10:39 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

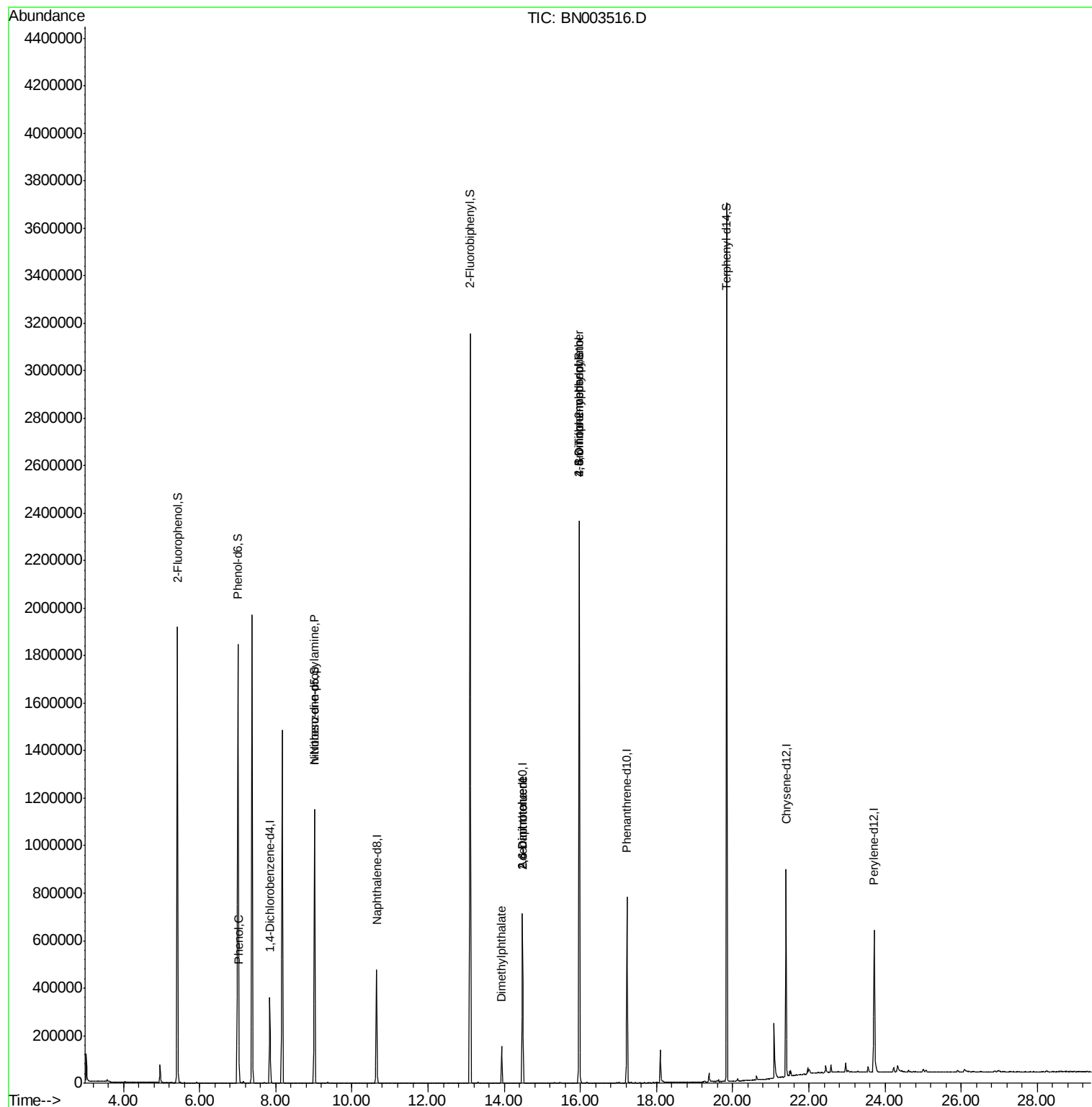
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	100873	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	419443	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	238140	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	467692	20.00	ng	0.00
76) Chrysene-d12	21.40	240	415424	20.00	ng	0.00
87) Perylene-d12	23.72	264	445138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	866792	154.98	ng	0.00
7) Phenol-d6	7.01	99	1162748	149.90	ng	0.00
23) Nitrobenzene-d5	9.02	82	661489	99.27	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	518938	146.18	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1616510	90.60	ng	0.00
79) Terphenyl-d14	19.84	244	1812108	85.88	ng	0.00
Target Compounds						
10) Phenol	7.03	94	55265	6.603	ng	96
19) n-Nitroso-di-n-propylamine	9.02	70	84317	16.146	ng	# 75
50) Dimethylphthalate	13.93	163	103949	5.572	ng	100
51) 2,6-Dinitrotoluene	14.48	165	30775	7.067	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	30775	5.229	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	865	5.178	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	33261	5.638	ng	# 1

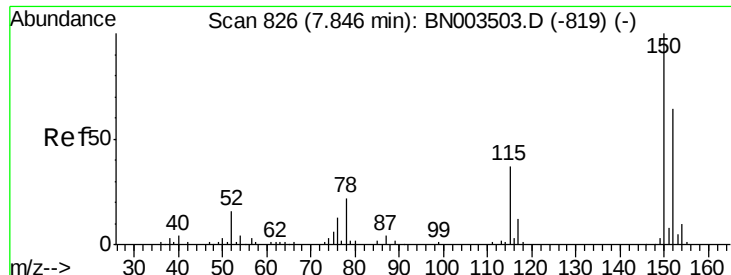
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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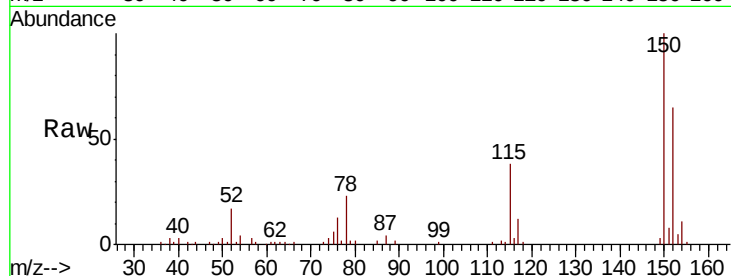


#1

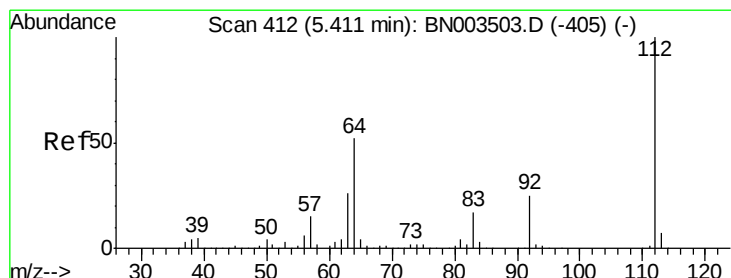
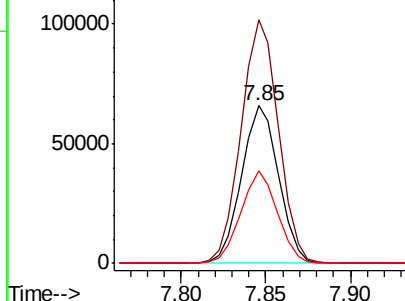
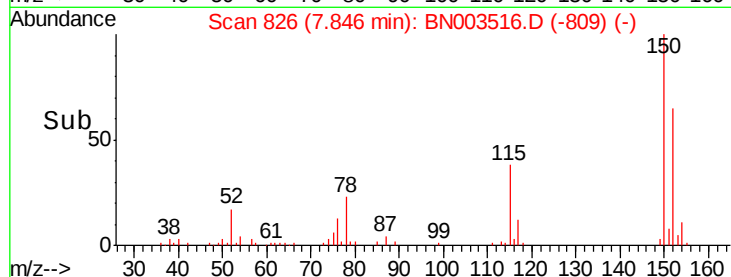
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.00 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Instrument :
BNA_N
ClientSampled :
SB-15-D

Tgt Ion:152 Resp: 100873
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.0
115 58.7 45.9 68.9



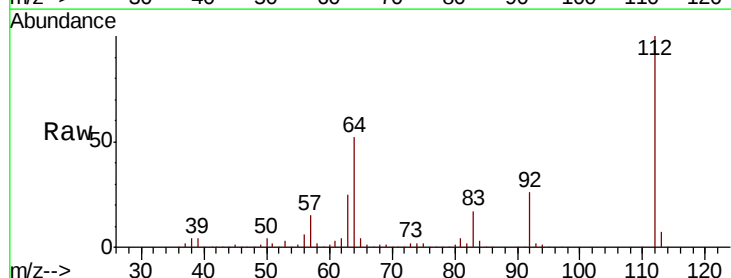
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



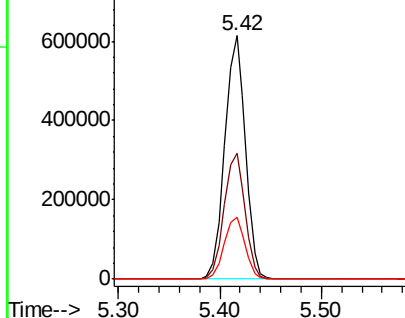
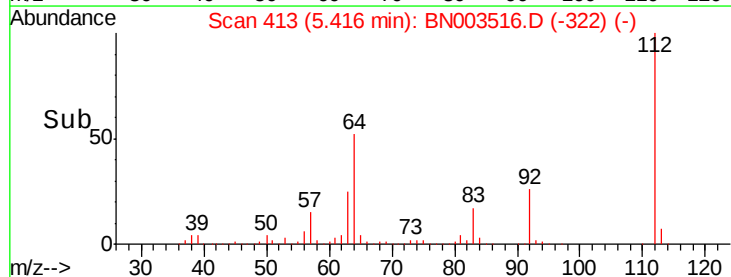
#5

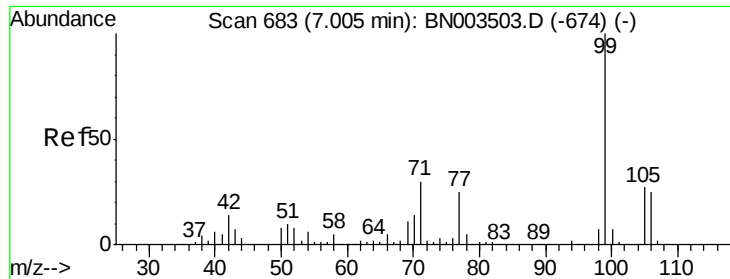
2-Fluorophenol
Concen: 154.979 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Tgt Ion:112 Resp: 866792
Ion Ratio Lower Upper
112 100
64 51.8 41.4 62.2
63 25.3 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: 149.903 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.01 min

Lab File: BN003516.D

Acq: 13 Nov 2018 17:46

Instrument :

BNA_N

ClientSampleId :

SB-15-D

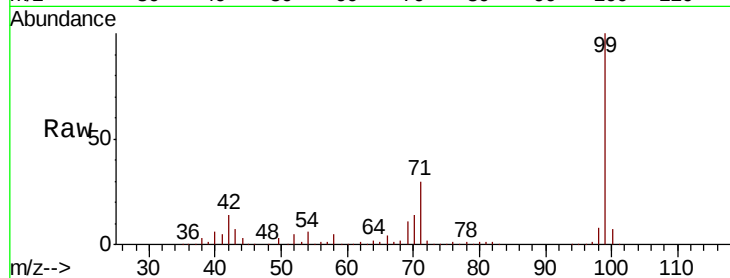
Tgt Ion: 99 Resp: 1162748

Ion Ratio Lower Upper

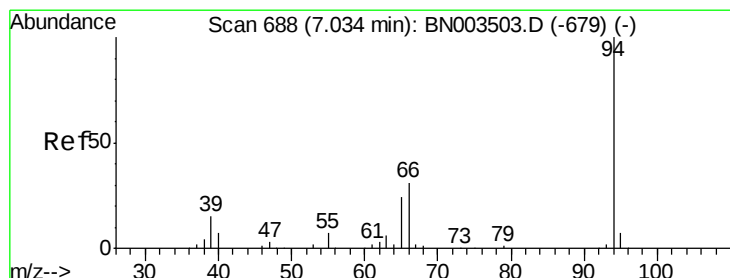
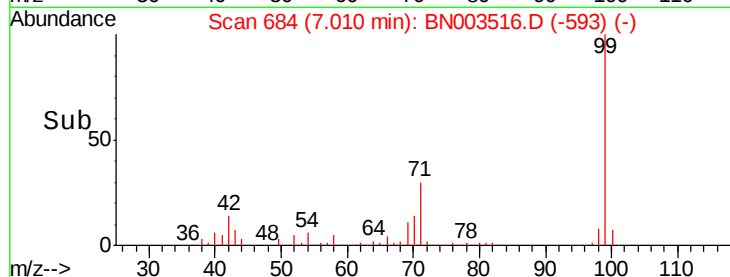
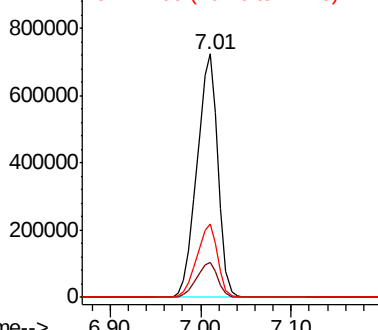
99 100

42 14.1 11.6 17.4

71 30.2 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



#10

Phenol

Concen: 6.603 ng

RT: 7.03 min Scan# 688

Delta R.T. -0.00 min

Lab File: BN003516.D

Acq: 13 Nov 2018 17:46

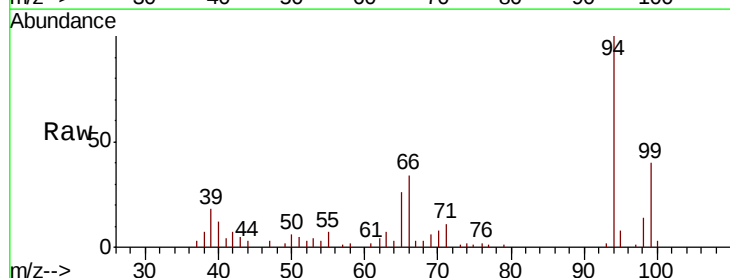
Tgt Ion: 94 Resp: 55265

Ion Ratio Lower Upper

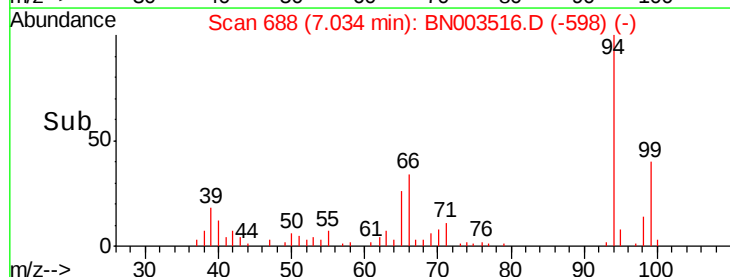
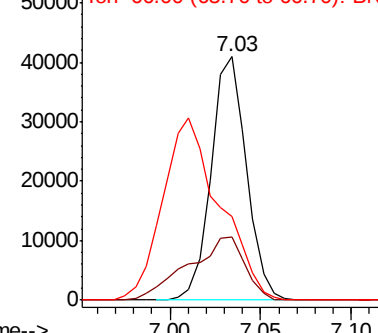
94 100

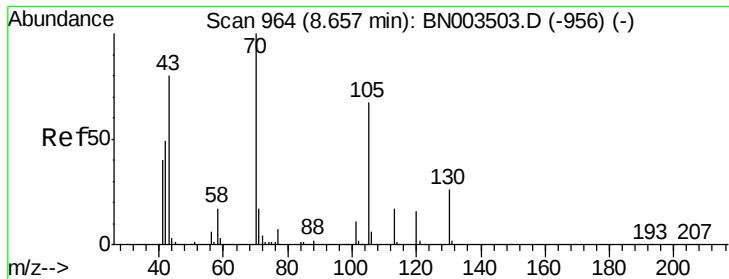
65 26.2 4.5 44.5

66 34.1 12.0 52.0



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

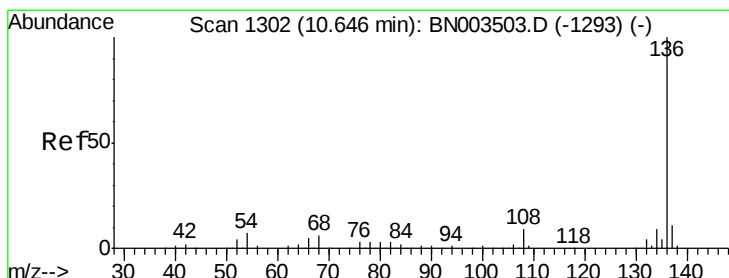
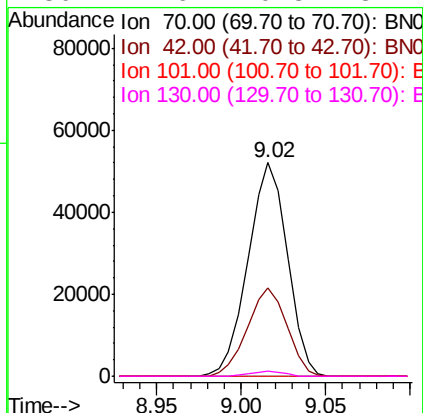
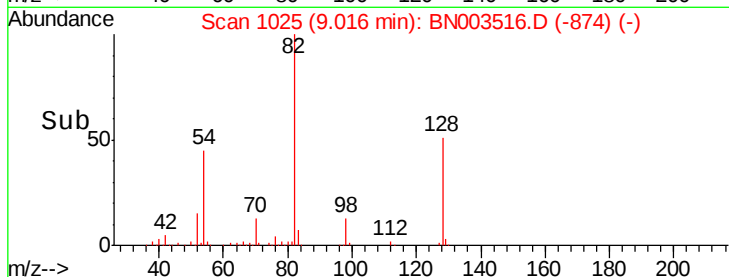
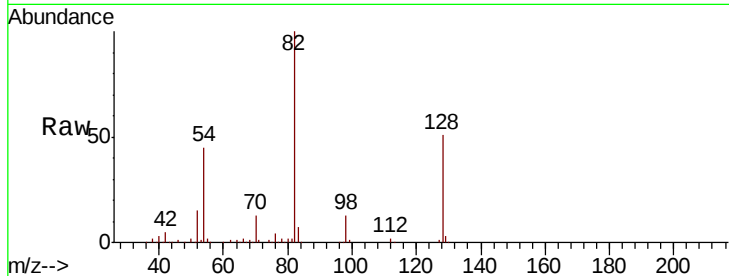




#19
n-Nitroso-di-n-propylamine
Concen: 16.146 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

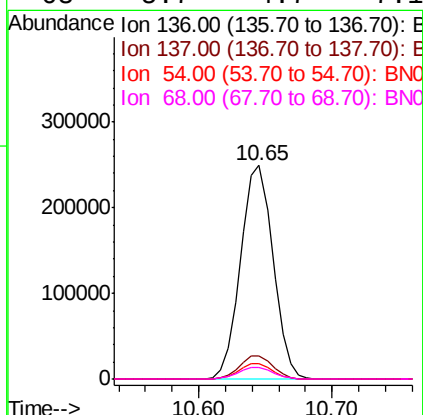
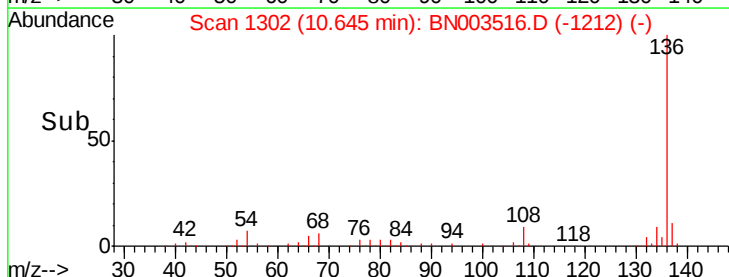
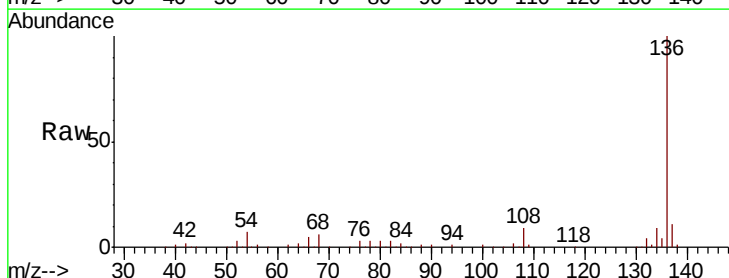
Instrument :
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SB-15-D

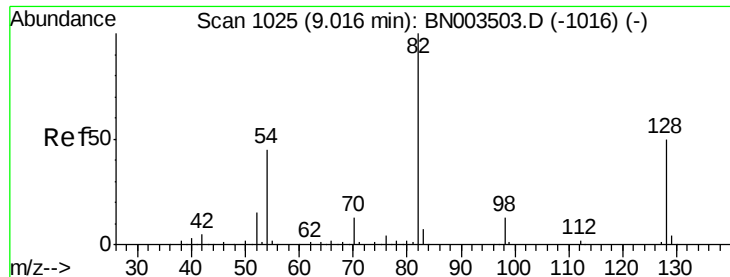
Tgt Ion: 70 Resp: 84317
Ion Ratio Lower Upper
70 100
42 41.2 39.7 59.5
101 0.0 8.8 13.2#
130 2.6 20.8 31.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Tgt Ion: 136 Resp: 419443
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 5.7 8.5
68 5.7 4.7 7.1

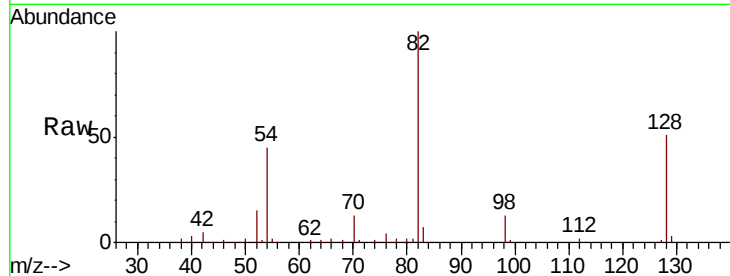




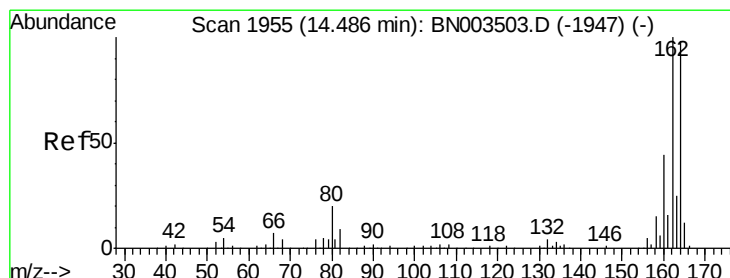
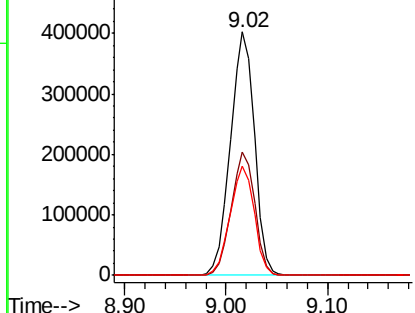
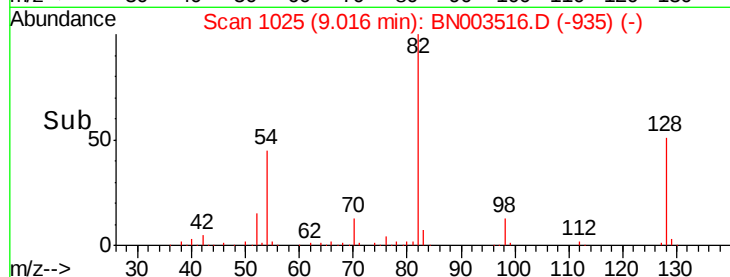
#23
Nitrobenzene-d5
Concen: 99.271 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Instrument :
BNA_N
ClientSampleId :
SB-15-D

Tgt Ion: 82 Resp: 661489
Ion Ratio Lower Upper
82 100
128 50.7 40.0 60.0
54 44.9 36.1 54.1

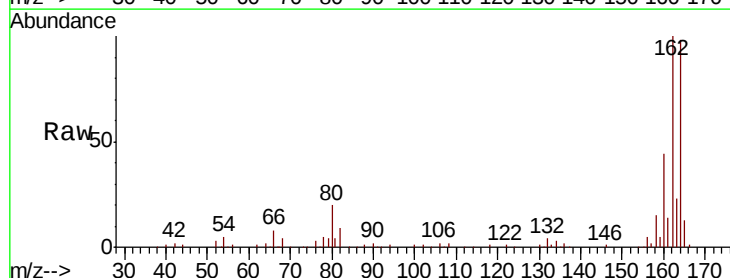


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

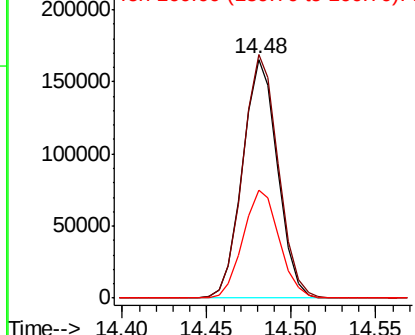
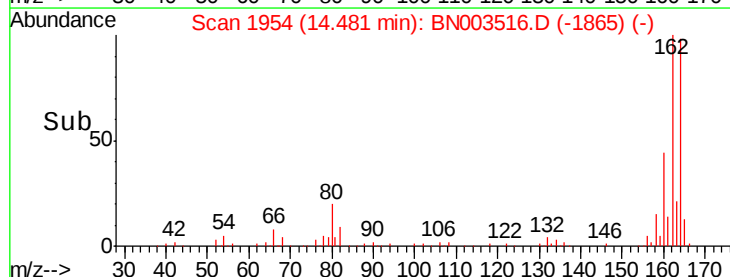


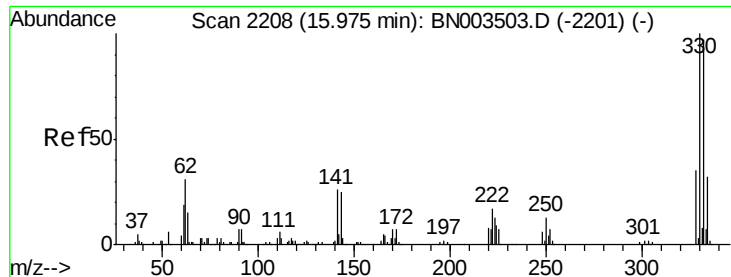
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Tgt Ion:164 Resp: 238140
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.6
160 45.0 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

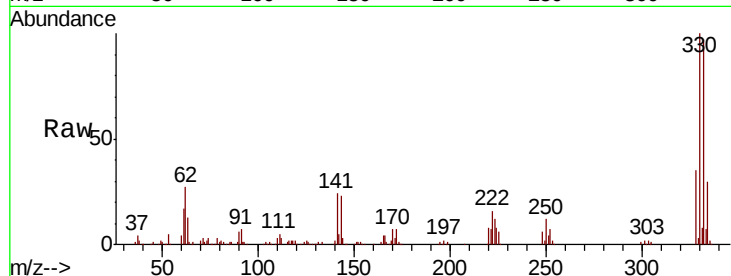




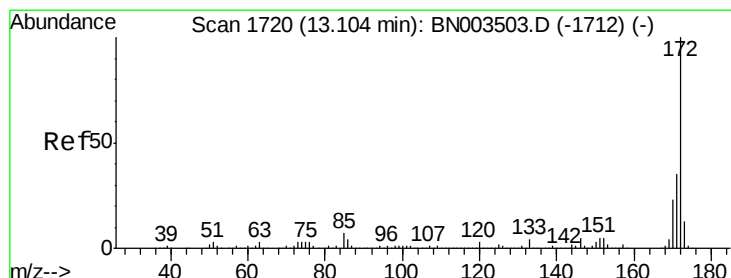
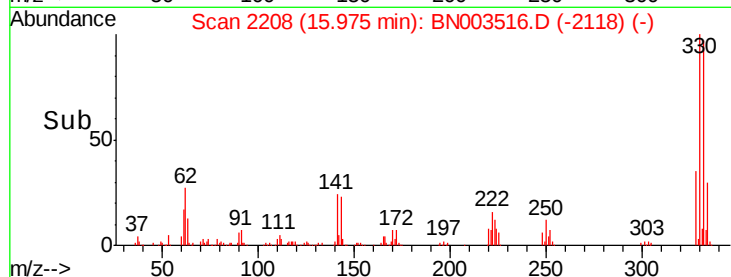
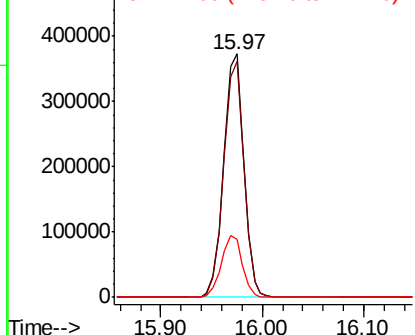
#42
 2,4,6-Tribromophenol
 Concen: 146.177 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

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 ClientSampled :
 SB-15-D

Tgt Ion:330 Resp: 518938
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 26.2 21.6 32.4

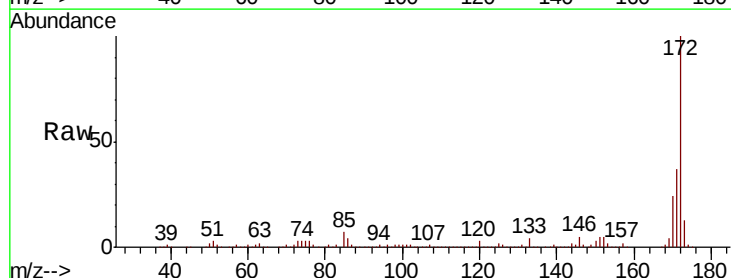


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

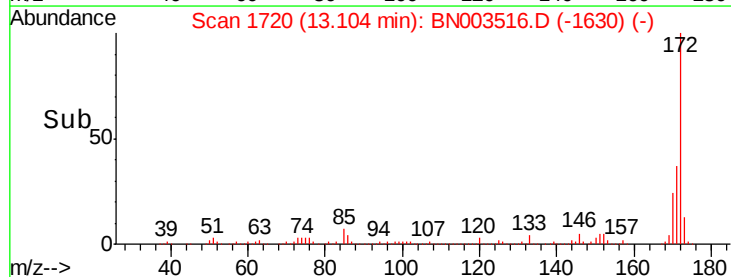
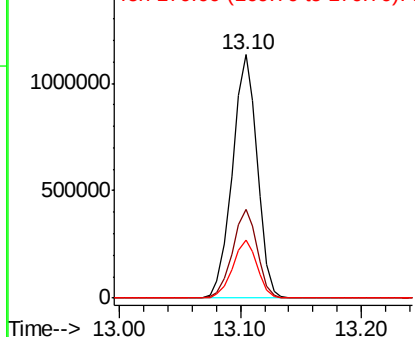


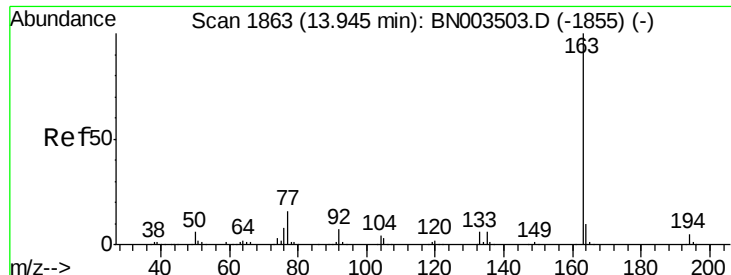
#45
 2-Fluorobiphenyl
 Concen: 90.604 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Tgt Ion:172 Resp: 1616510
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.3 42.5
 170 23.8 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

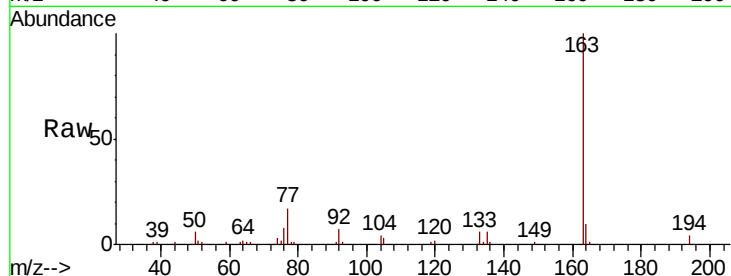




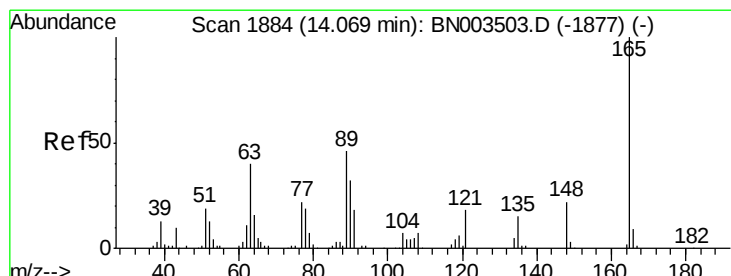
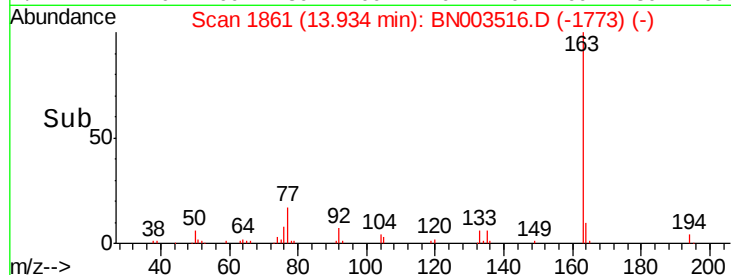
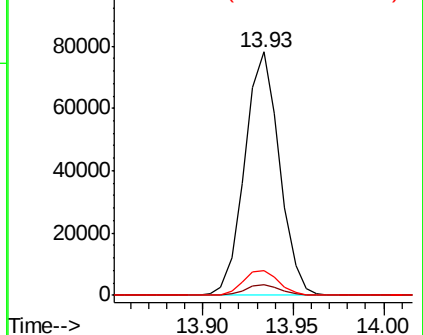
#50
Dimethylphthalate
Concen: 5.572 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BN003516.D
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Tgt Ion:163 Resp: 103949
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 9.9 7.9 11.9

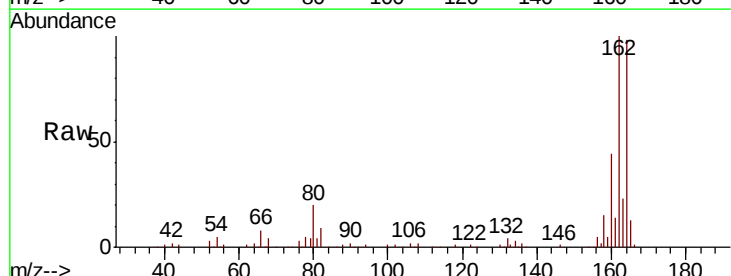


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

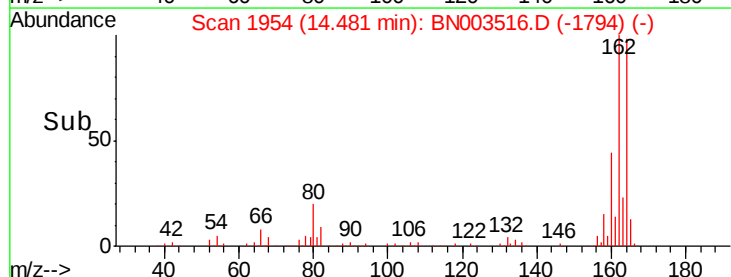
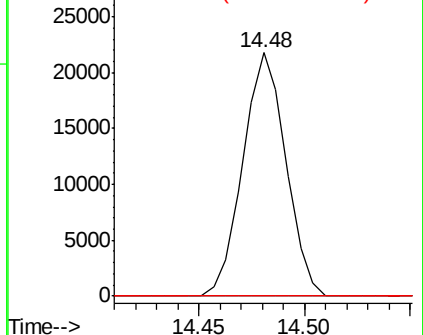


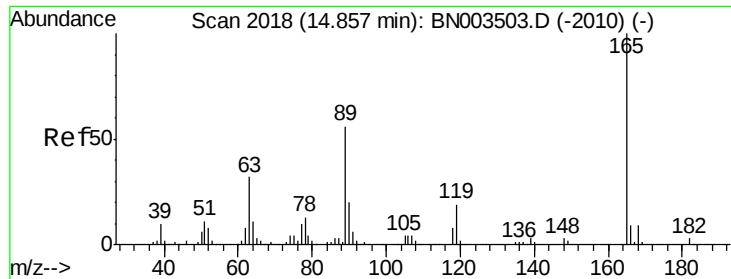
#51
2,6-Dinitrotoluene
Concen: 7.067 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Tgt Ion:165 Resp: 30775
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 36.7 55.1#



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

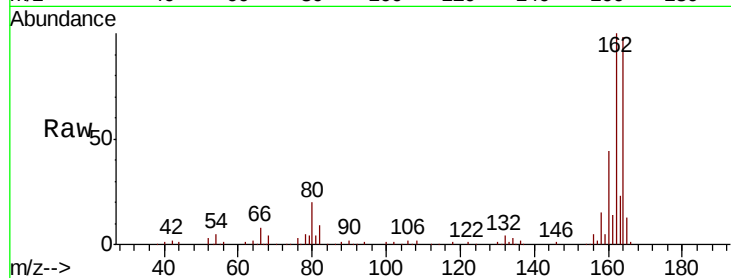




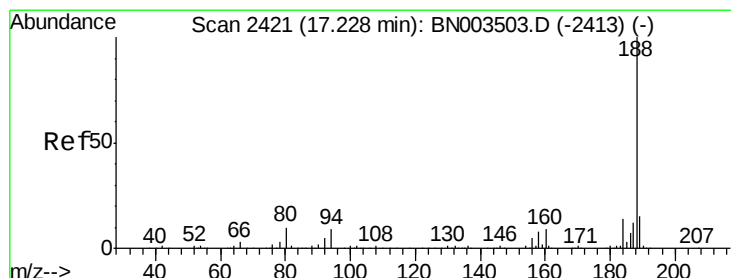
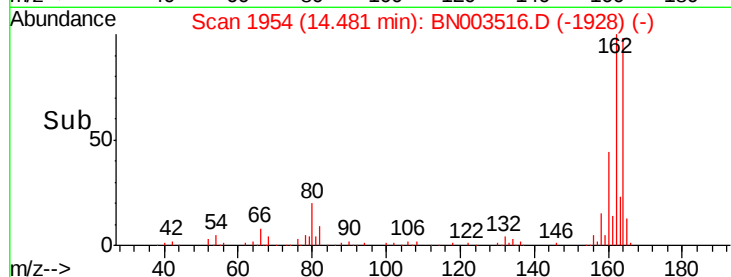
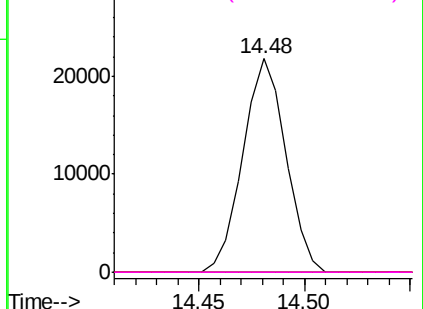
#57
 2,4-Dinitrotoluene
 Concen: 5.229 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Instrument :
 BNA_N
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 SB-15-D

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#

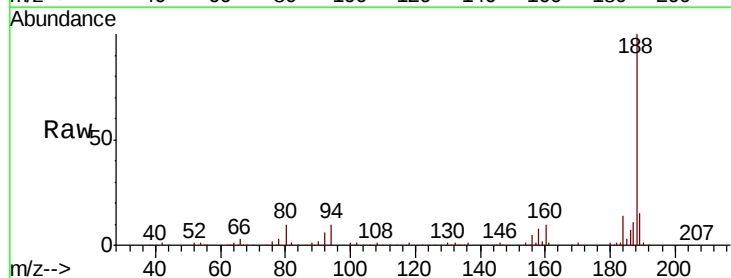


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

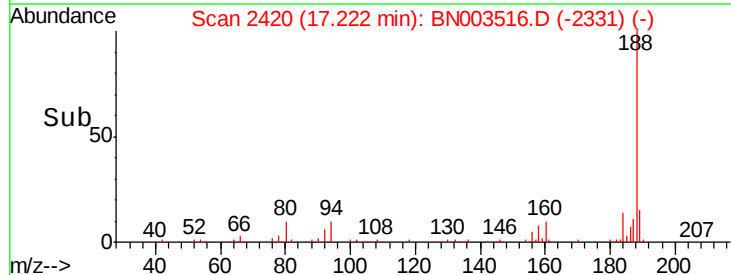
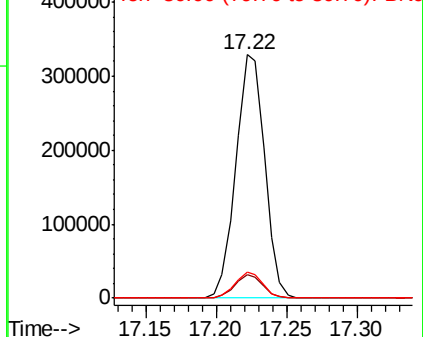


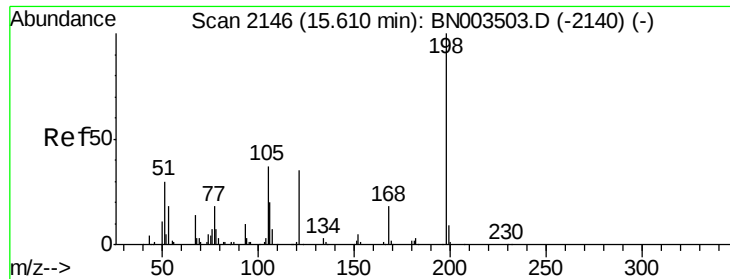
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	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

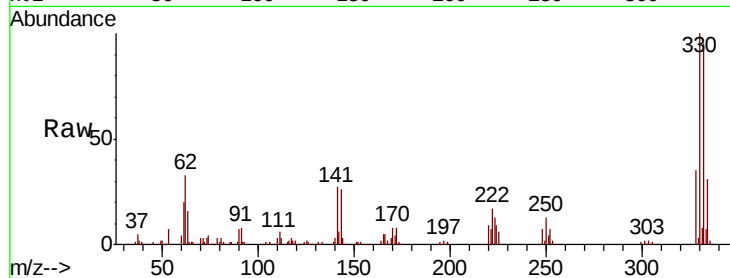




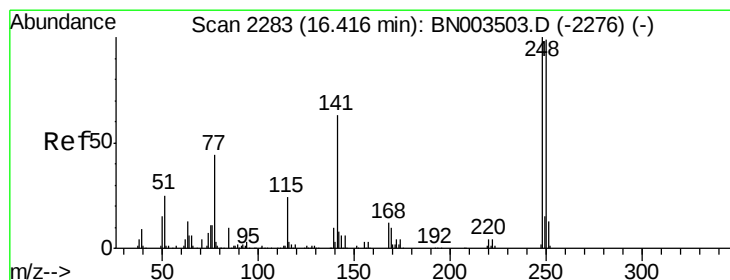
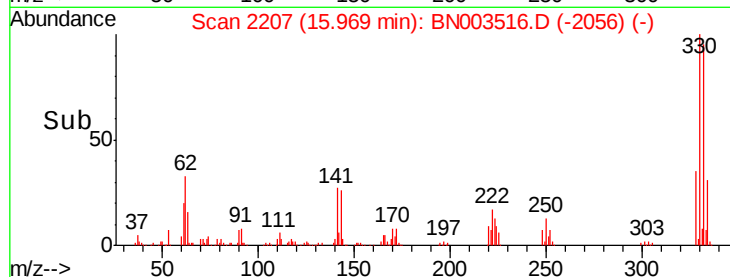
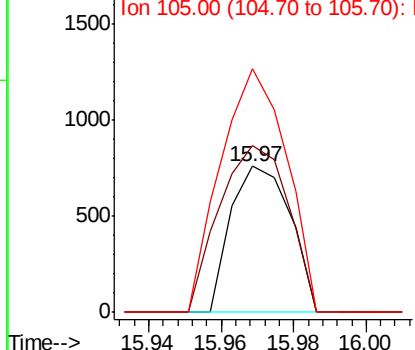
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.178 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. 0.36 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Instrument :
 BNA_N
 ClientSampleId :
 SB-15-D

Tgt Ion:198 Resp: 865
 Ion Ratio Lower Upper
 198 100
 51 114.5 13.8 53.8#
 105 167.0 18.3 58.3#

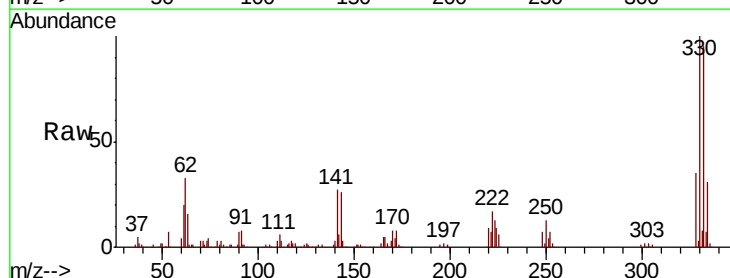


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

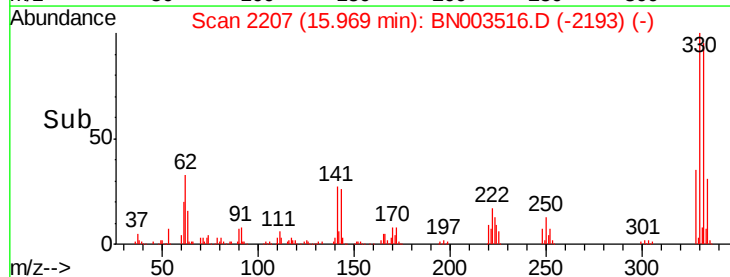
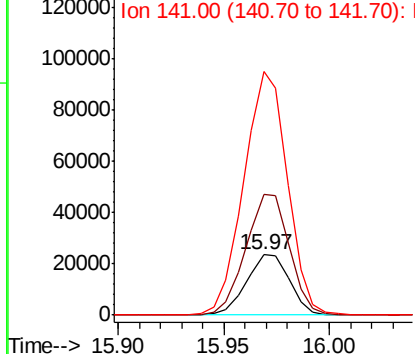


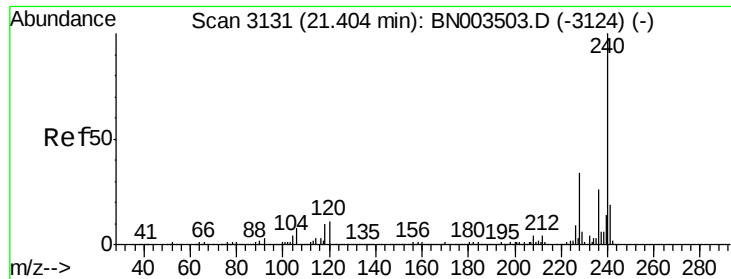
#67
 4-Bromophenyl-phenylether
 Concen: 5.638 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.45 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Tgt Ion:248 Resp: 33261
 Ion Ratio Lower Upper
 248 100
 250 199.0 79.0 118.6#
 141 403.2 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

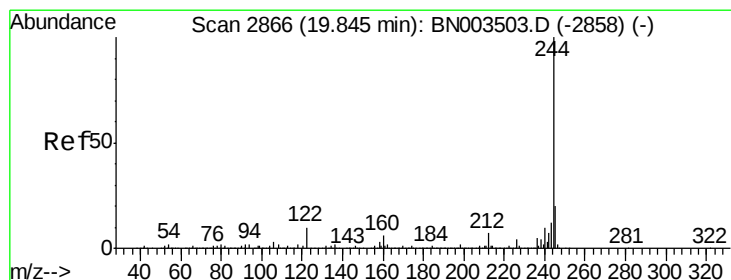
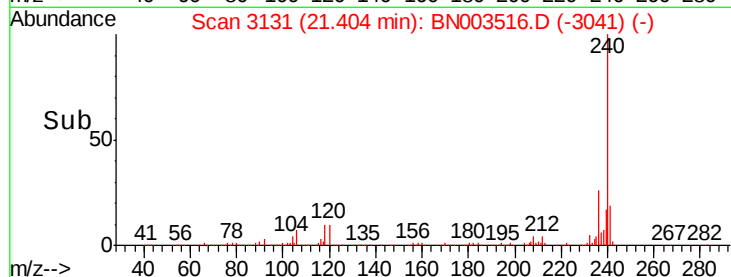
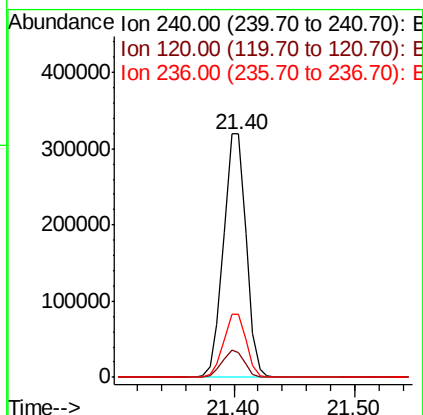
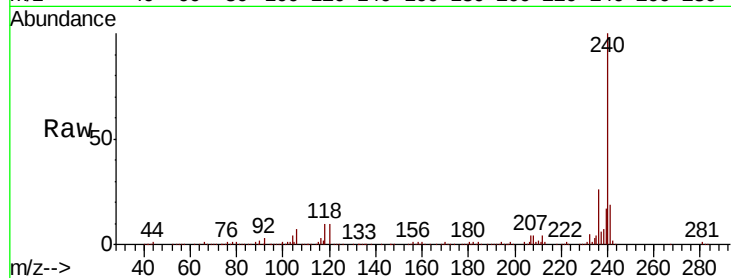




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

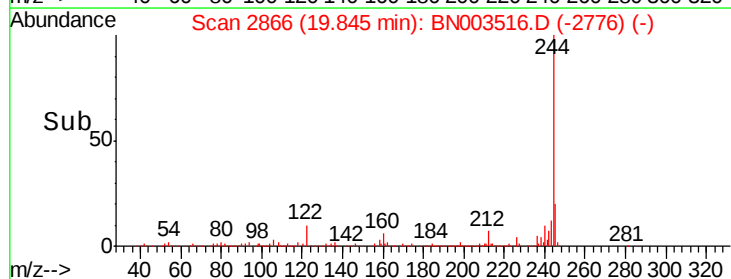
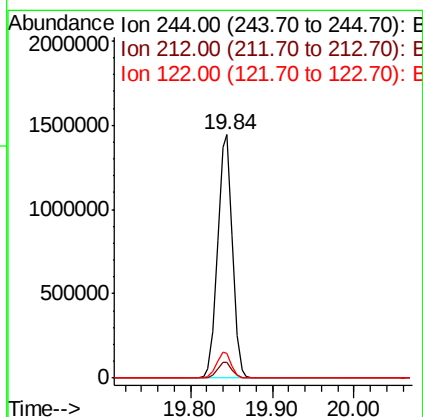
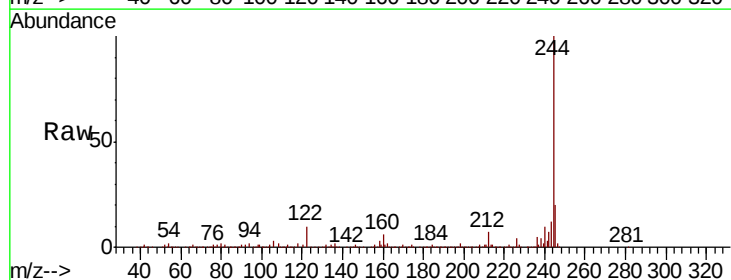
Instrument :
BNA_N
ClientSampleId :
SB-15-D

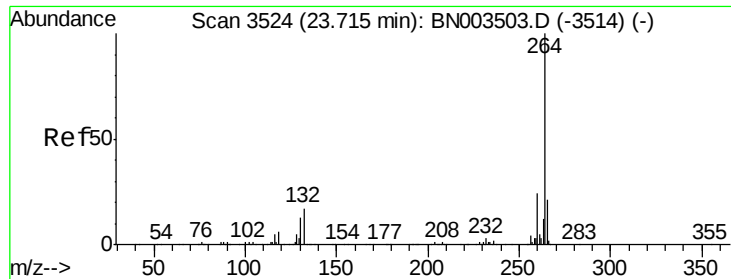
Tgt Ion:240 Resp: 415424
Ion Ratio Lower Upper
240 100
120 10.2 9.1 13.7
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 85.877 ng
RT: 19.84 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Tgt Ion:244 Resp: 1812108
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.9 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: BN003516.D
Acq: 13 Nov 2018 17:46

Instrument :
BNA_N
ClientSampleId :
SB-15-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.2	17.2	25.8

