

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
 Data File : BN003511.D
 Acq On : 12 Nov 2018 17:51
 Operator : MJ/SJ
 Sample : PB114540BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 13 00:35:40 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

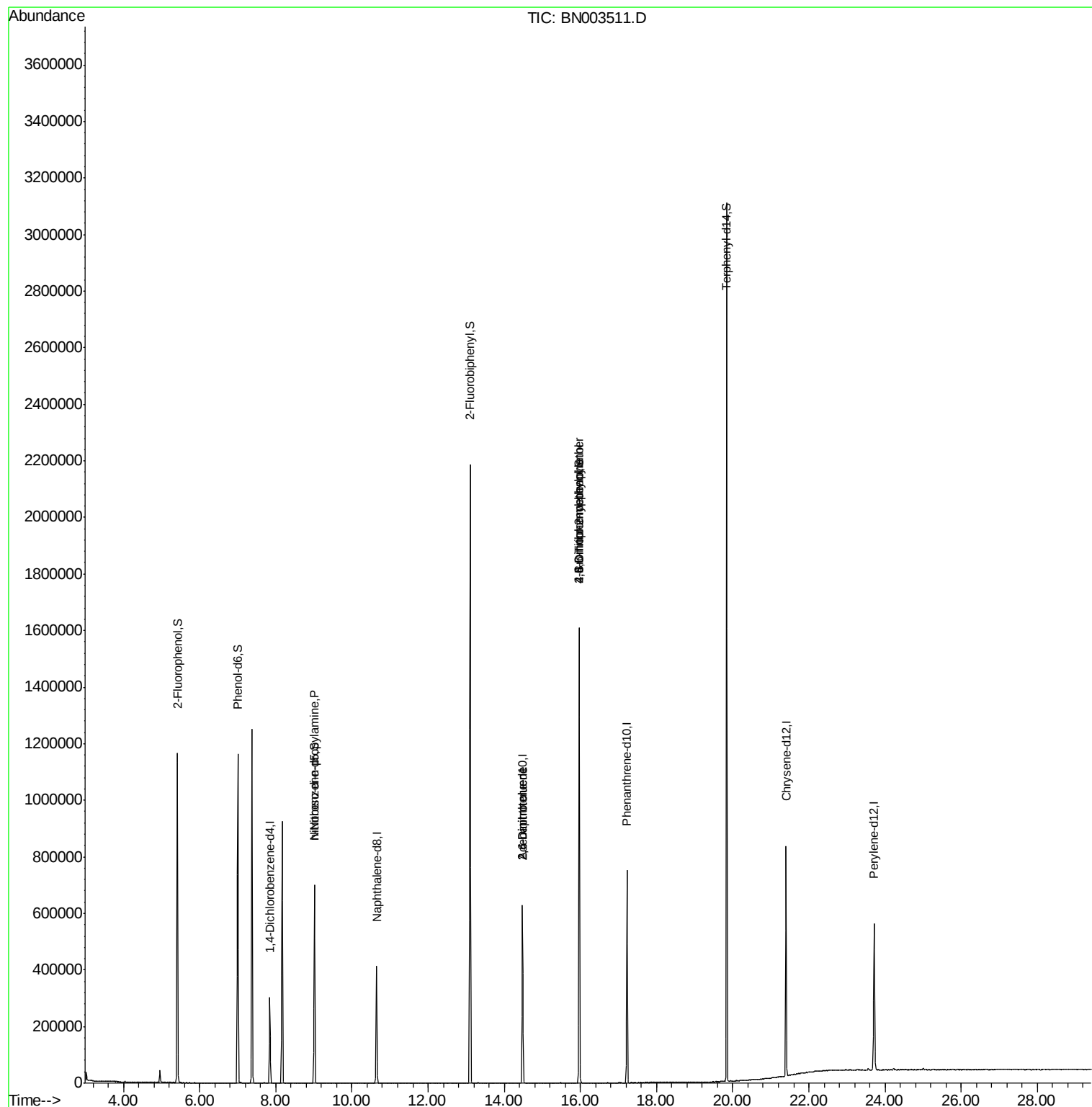
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	84241	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	354439	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	208661	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	454097	20.00	ng	0.00
76) Chrysene-d12	21.40	240	382443	20.00	ng	0.00
87) Perylene-d12	23.72	264	384283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	531774	113.85	ng	0.00
7) Phenol-d6	7.00	99	706193	109.02	ng	0.00
23) Nitrobenzene-d5	9.02	82	398546	70.78	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	327710	105.35	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1132421	72.44	ng	0.00
79) Terphenyl-d14	19.84	244	1498360	77.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	50679	11.620	ng	# 75
51) 2,6-Dinitrotoluene	14.48	165	26757	7.013	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	26757	5.188	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	511	5.083	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	20732	3.620	ng	# 1

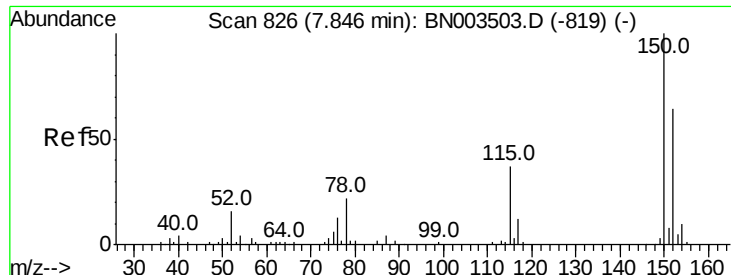
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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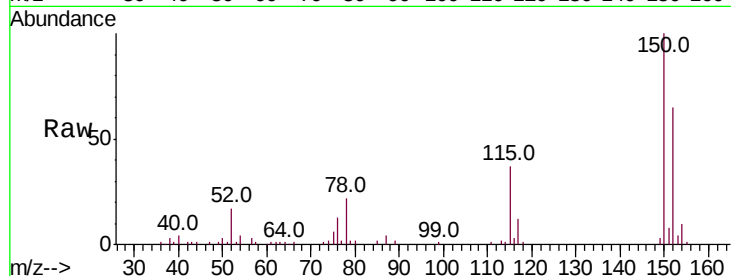


#1

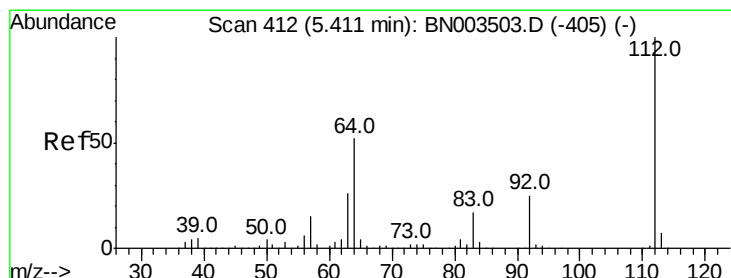
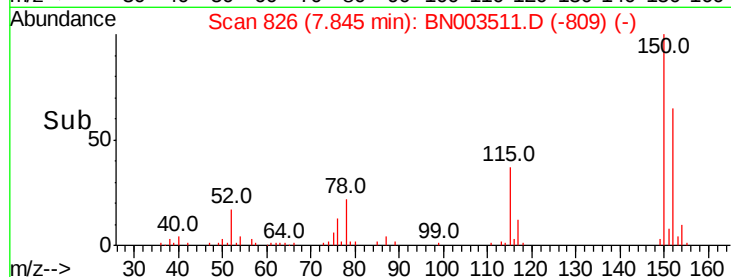
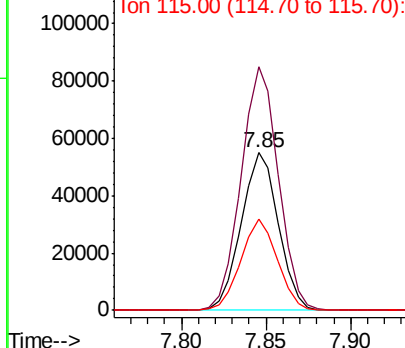
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.00 min
Lab File: BN003511.D
Acq: 12 Nov 2018 17:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 84241
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.0
115 58.0 45.9 68.9



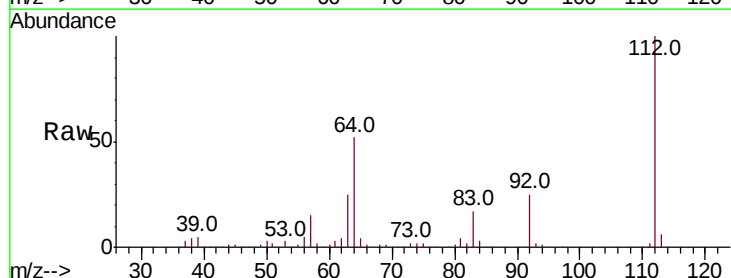
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



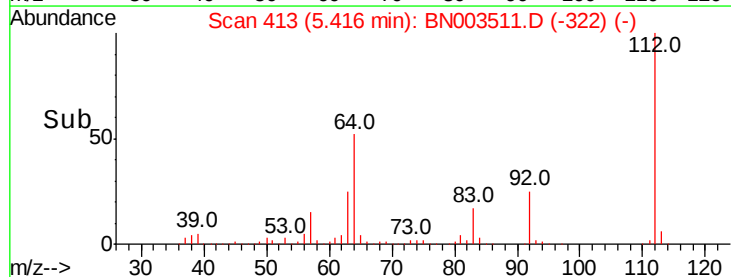
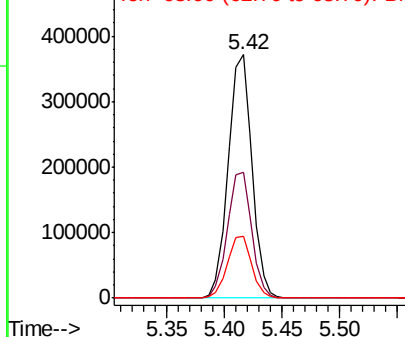
#5

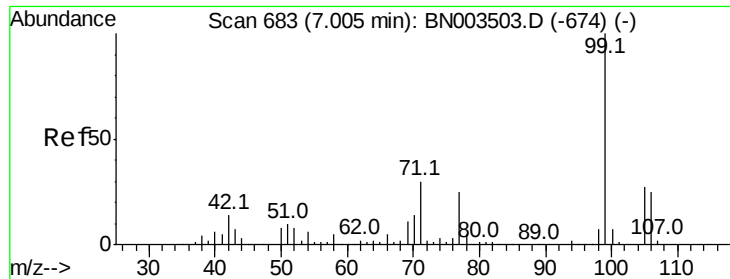
2-Fluorophenol
Concen: 113.851 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003511.D
Acq: 12 Nov 2018 17:51

Tgt Ion:112 Resp: 531774
Ion Ratio Lower Upper
112 100
64 51.6 41.4 62.2
63 25.2 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: 109.018 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Instrument :

BNA_N

ClientSampleId :

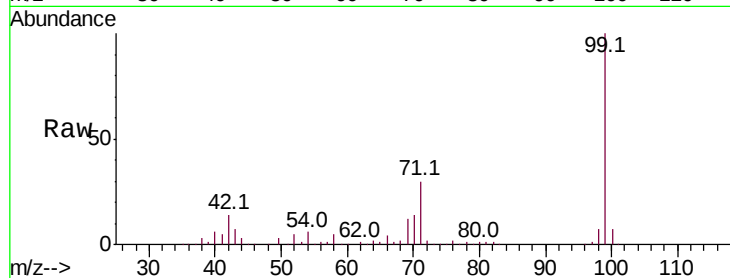
Tot Ion: 99 Resp: 706193

Ion Ratio Lower Upper

99 100

42 14.2 11.6 17.4

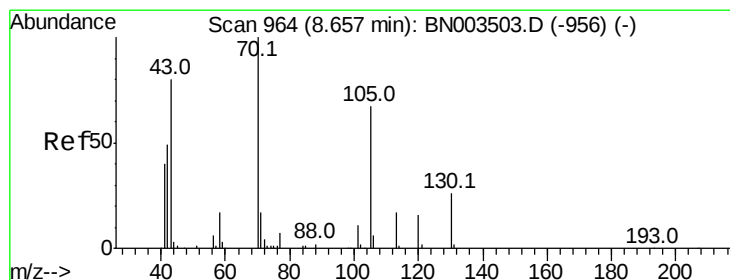
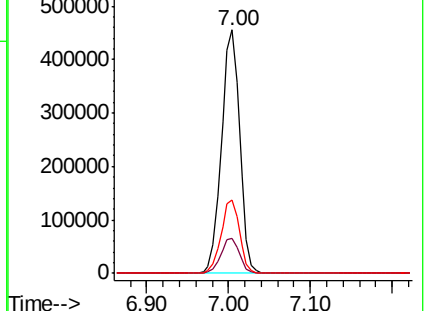
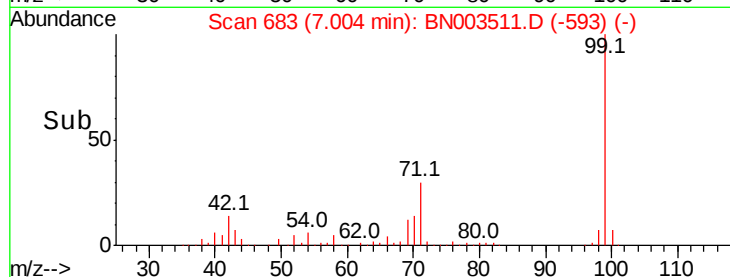
71 30.2 24.2 36.2



Abundance Ion 99.00 (98.70 to 99.70): BN003503.D (-674) (-)

Ion 42.00 (41.70 to 42.70): BN003503.D (-674) (-)

Ion 71.00 (70.70 to 71.70): BN003503.D (-674) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 11.620 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Tgt Ion: 70 Resp: 50679

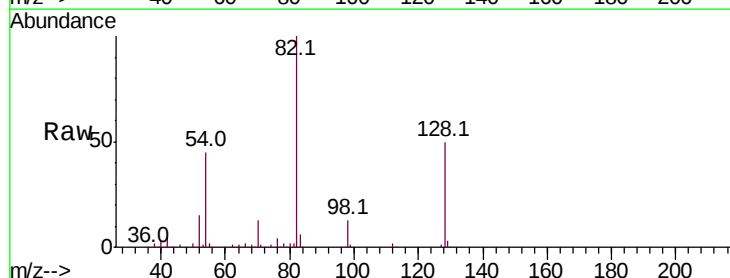
Ion Ratio Lower Upper

70 100

42 41.3 39.7 59.5

101 0.0 8.8 13.2#

130 2.3 20.8 31.2#

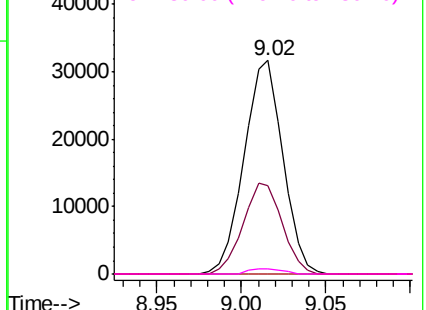
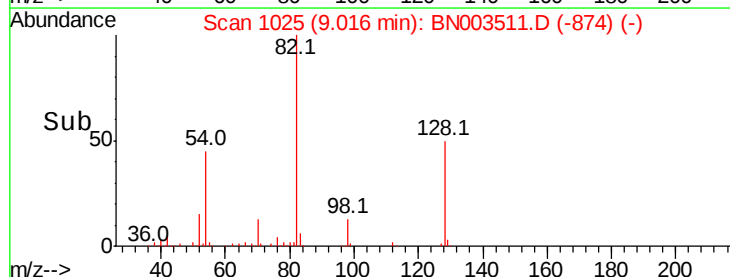


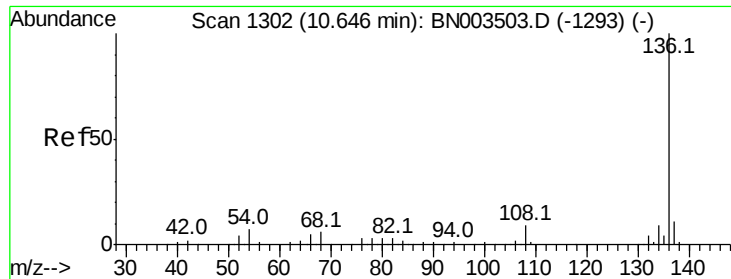
Abundance Ion 70.00 (69.70 to 70.70): BN003503.D (-956) (-)

Ion 42.00 (41.70 to 42.70): BN003503.D (-956) (-)

Ion 101.00 (100.70 to 101.70): BN003503.D (-956) (-)

Ion 130.00 (129.70 to 130.70): BN003503.D (-956) (-)

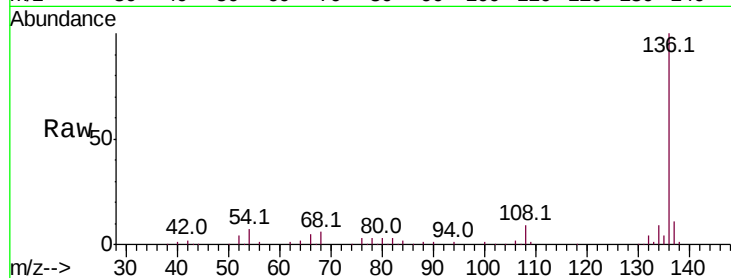




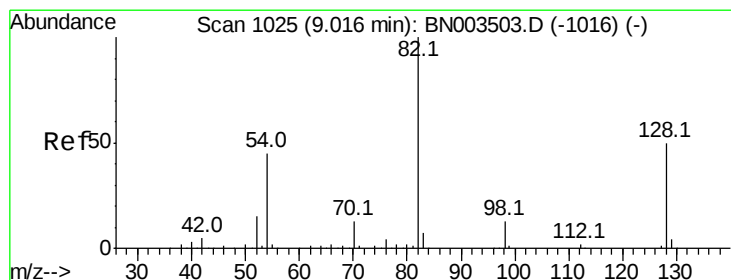
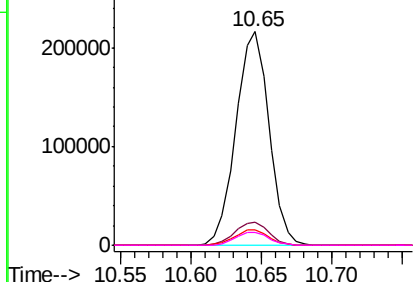
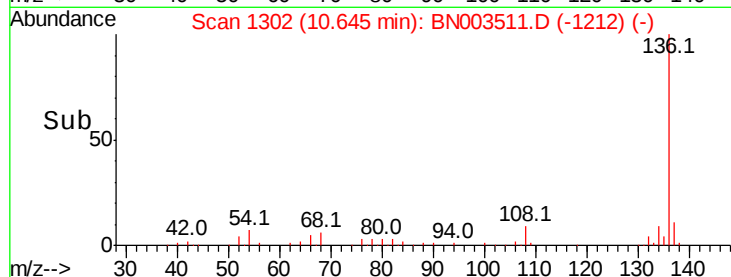
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN003511.D
Acq: 12 Nov 2018 17:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	136	Resp:	354439
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.0	5.7	8.5
68	5.8	4.7	7.1

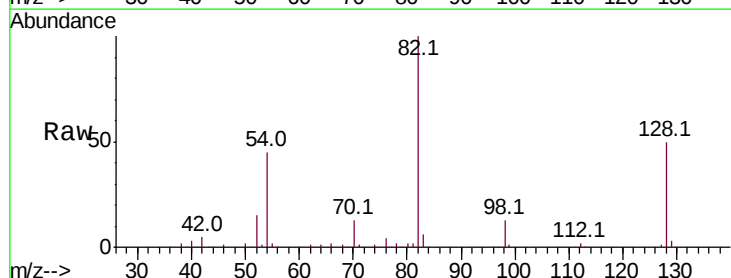


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

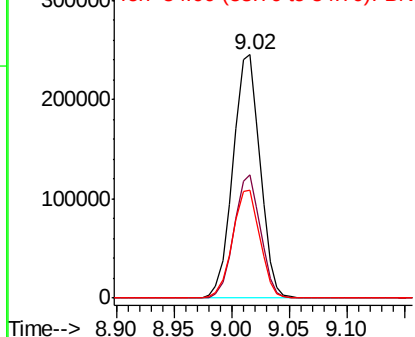
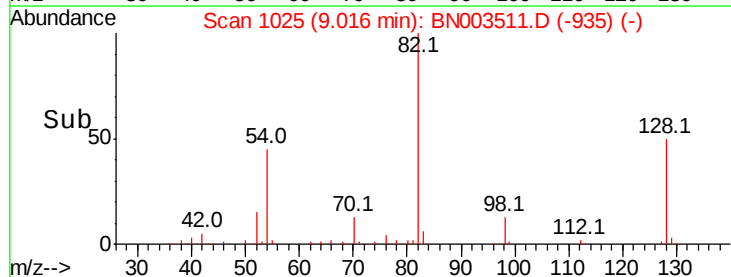


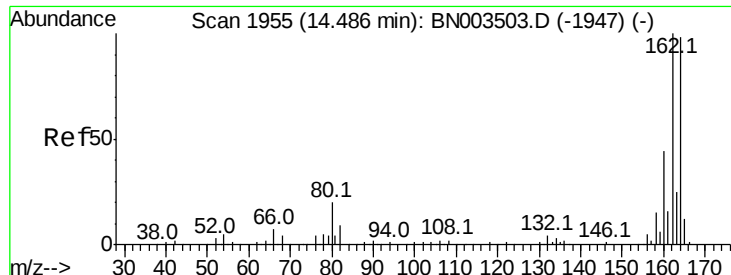
#23
Nitrobenzene-d5
Concen: 70.780 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003511.D
Acq: 12 Nov 2018 17:51

Tgt Ion:	82	Resp:	398546
Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.0	60.0
54	44.5	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Instrument :

BNA_N

ClientSampleId :

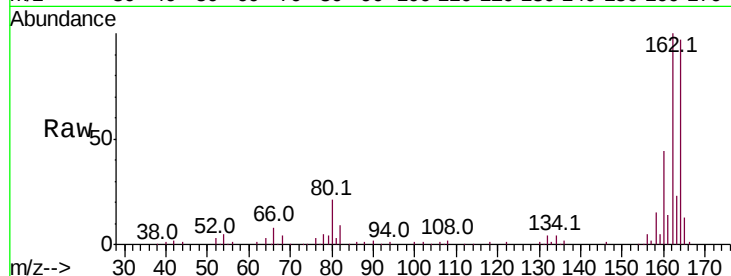
Tot Ion:164 Resp: 208661

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

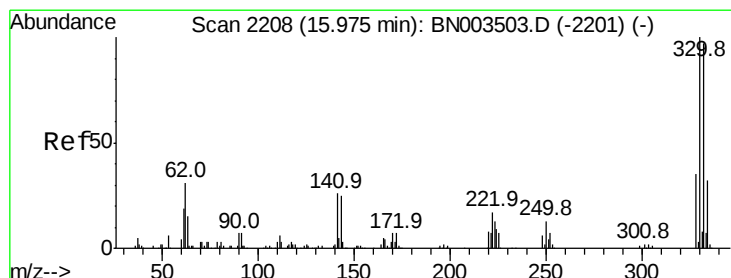
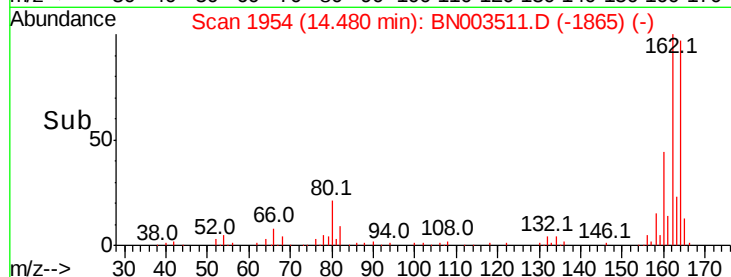
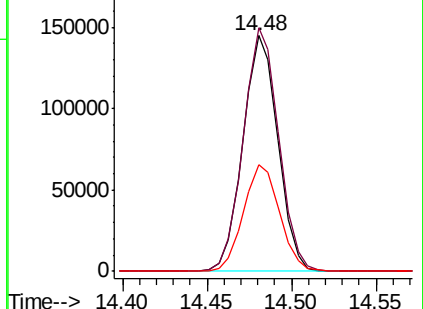
160 45.1 36.2 54.2



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: 105.352 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

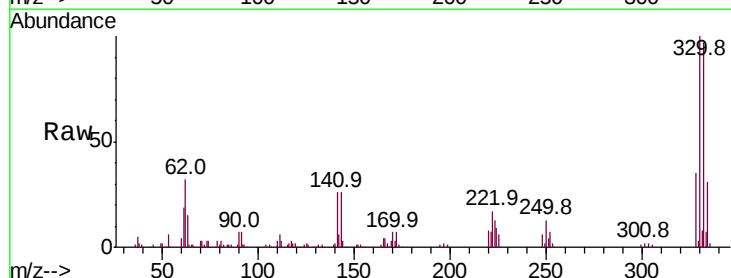
Tgt Ion:330 Resp: 327710

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

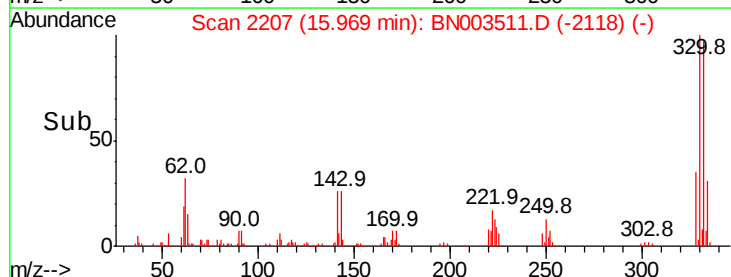
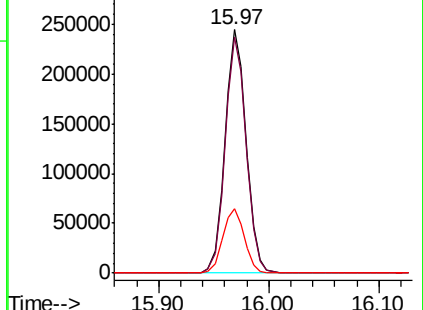
141 26.8 21.6 32.4

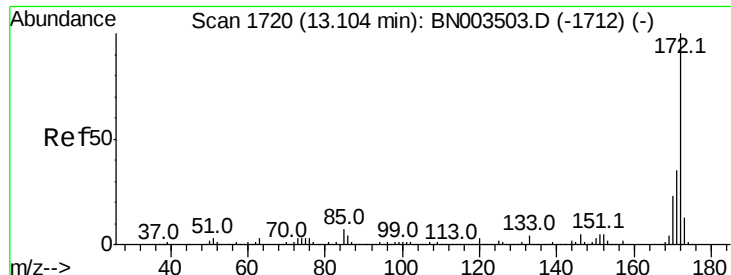


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

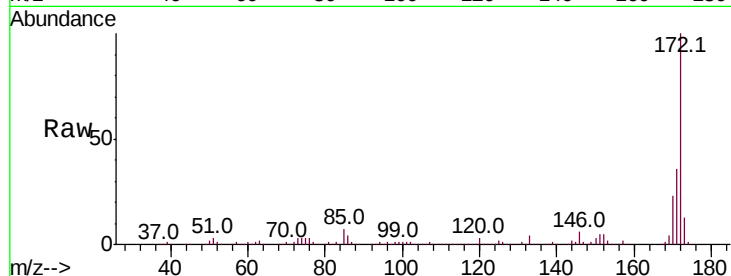




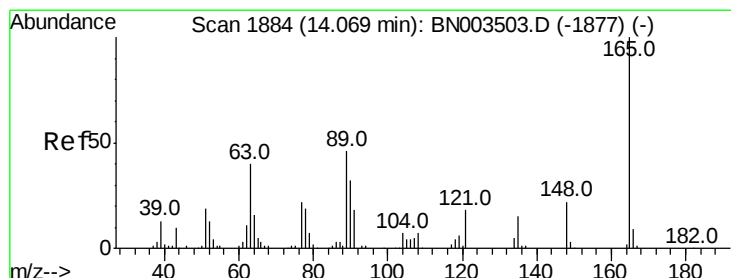
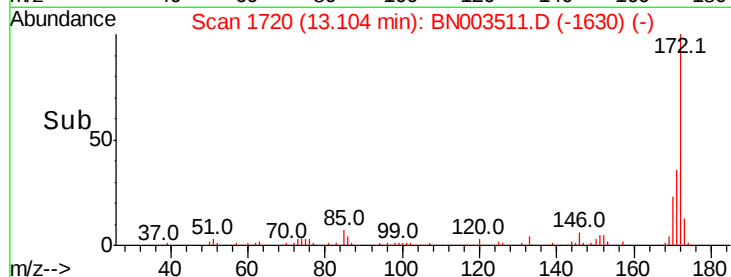
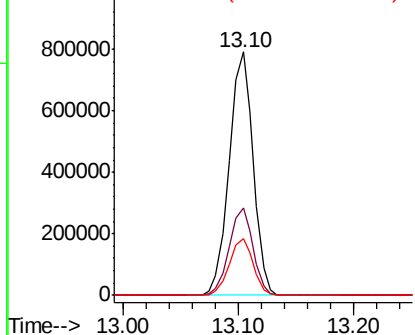
#45
 2-Fluorobiphenyl
 Concen: 72.438 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:172 Resp: 1132421
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.3 42.5
 170 23.1 18.7 28.1

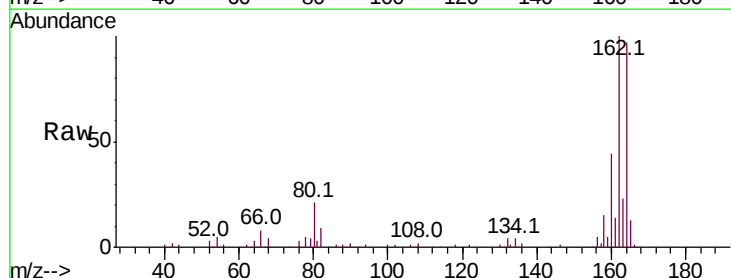


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

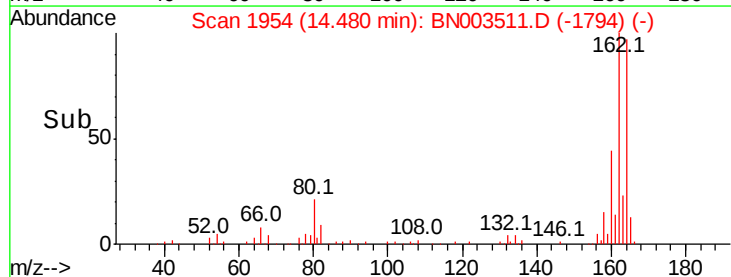
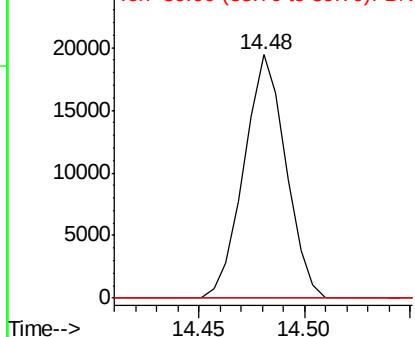


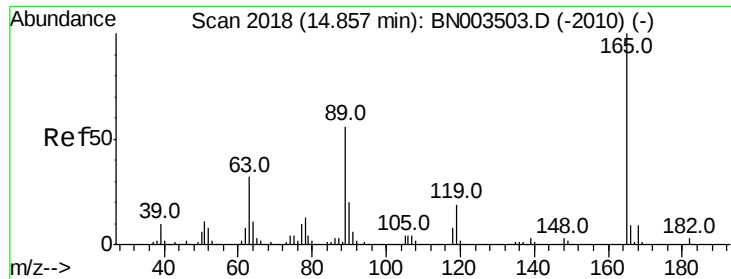
#51
 2,6-Dinitrotoluene
 Concen: 7.013 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Tgt Ion:165 Resp: 26757
 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

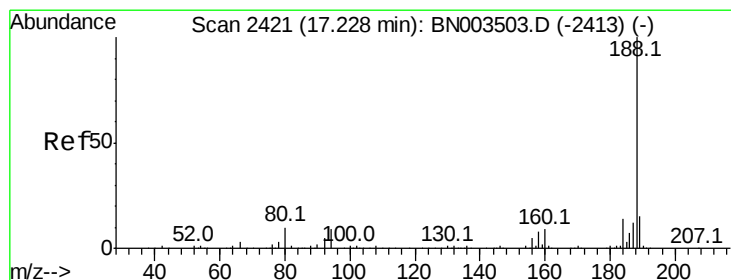
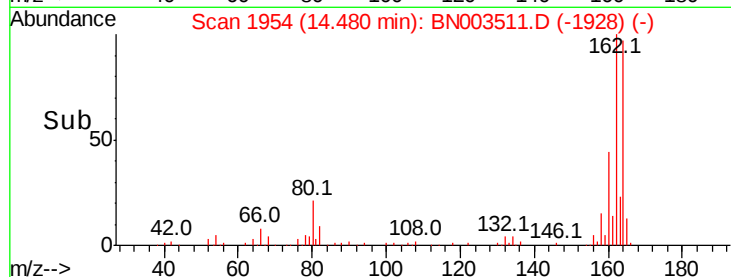
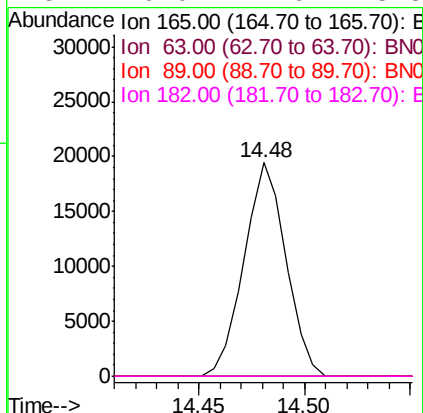
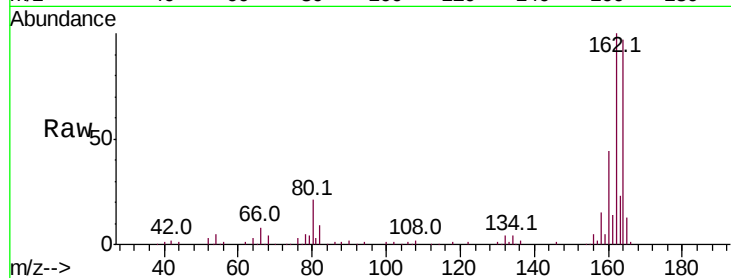




#57
 2,4-Dinitrotoluene
 Concen: 5.188 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

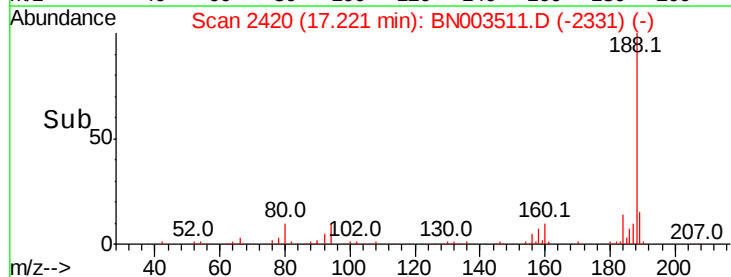
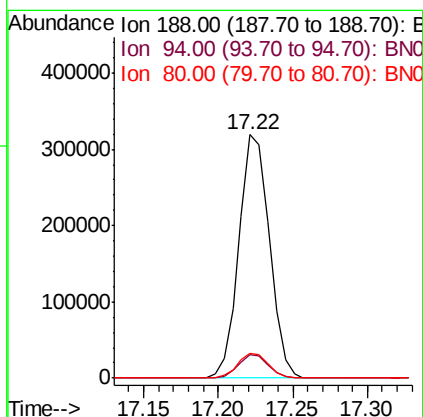
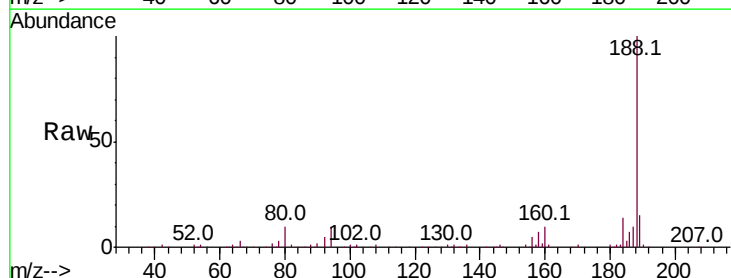
Instrument :
 BNA_N
 ClientSampleId :

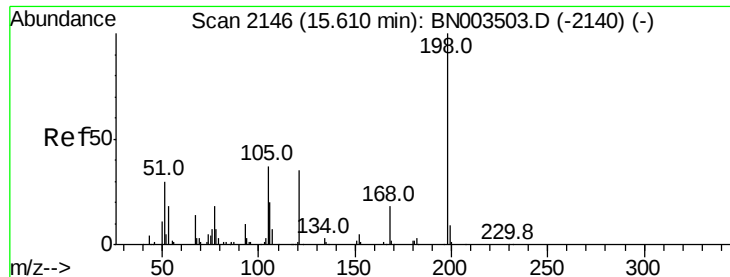
Tot Ion:165	Resp: 26757
Ion Ratio	Lower Upper
165 100	
63 0.0	25.4 38.2#
89 0.0	44.7 67.1#
182 0.0	2.6 3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Tgt	Ion:188	Resp:	454097
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.4	8.2	12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.083 ng

RT: 15.97 min Scan# 2207

Delta R.T. 0.36 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Instrument :

BNA_N

ClientSampled :

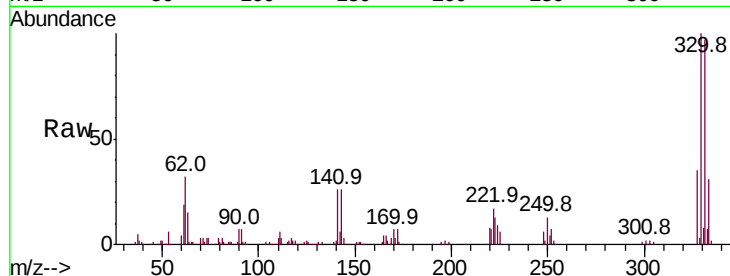
Tot Ion:198 Resp: 511

Ion Ratio Lower Upper

198 100

51 108.4 13.8 53.8#

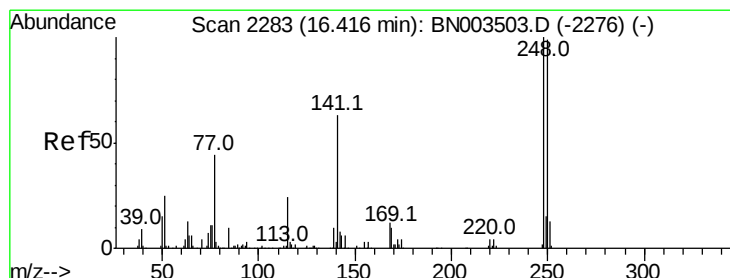
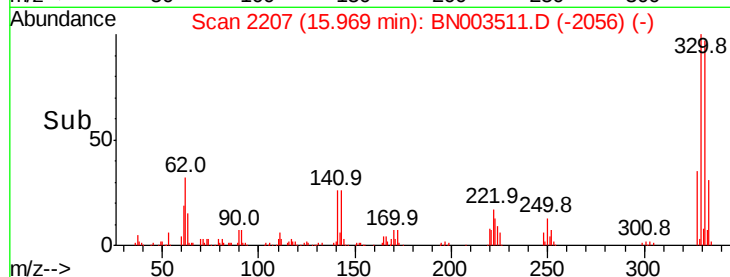
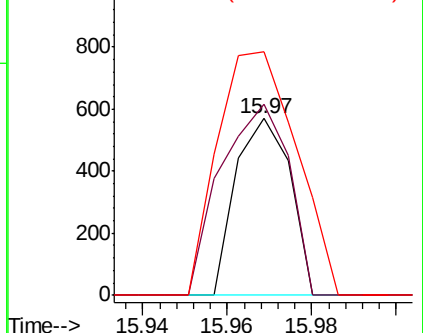
105 138.0 18.3 58.3#



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: 3.620 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.45 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

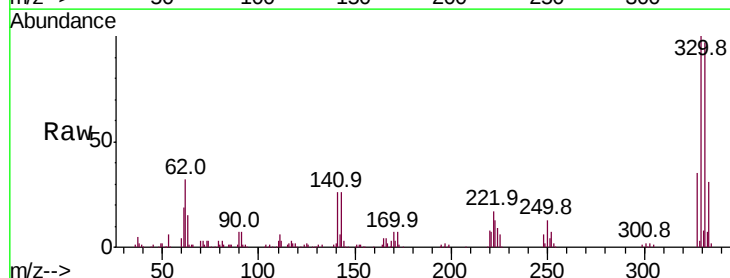
Tgt Ion:248 Resp: 20732

Ion Ratio Lower Upper

248 100

250 207.1 79.0 118.6#

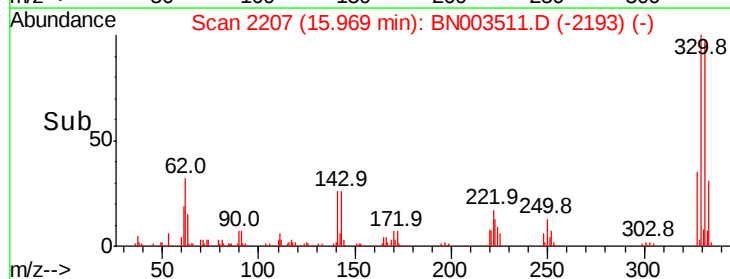
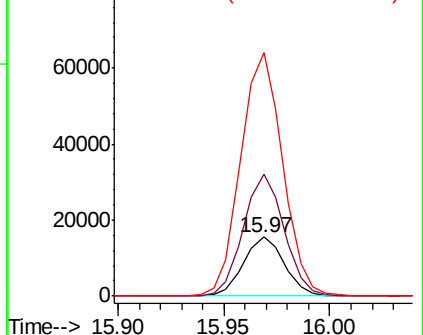
141 413.5 50.7 76.1#

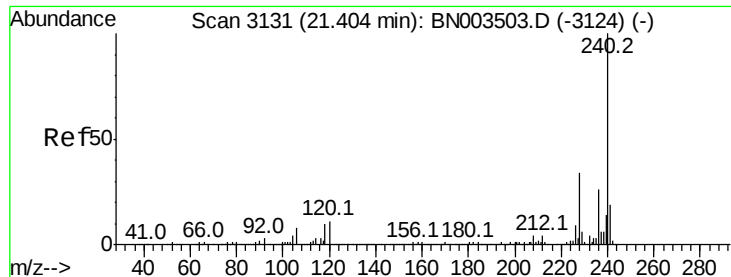


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3130

Delta R.T. -0.01 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Instrument :

BNA_N

ClientSampleId :

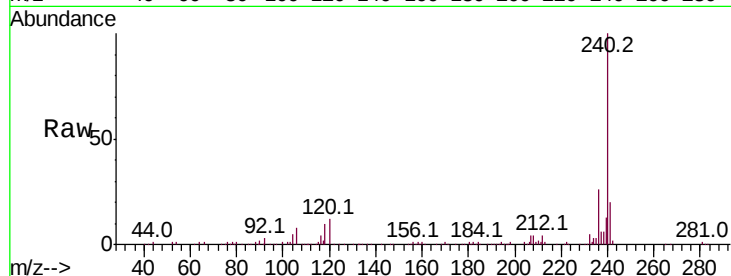
Tot Ion:240 Resp: 382443

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

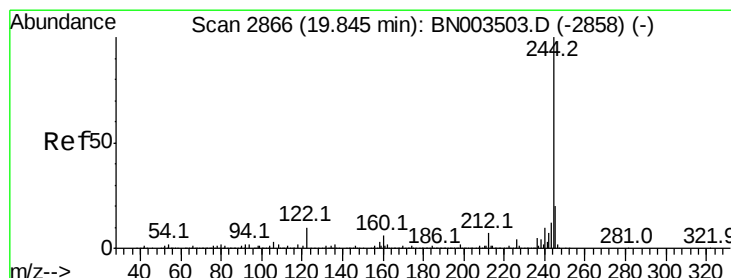
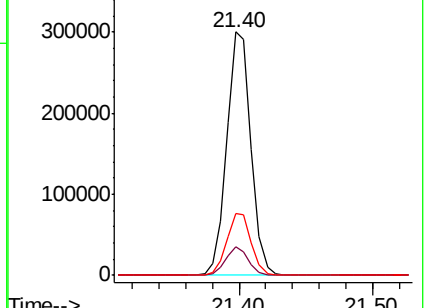
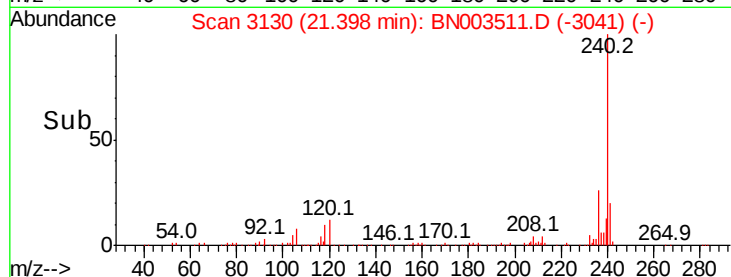
236 25.6 20.6 30.8



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: 77.132 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

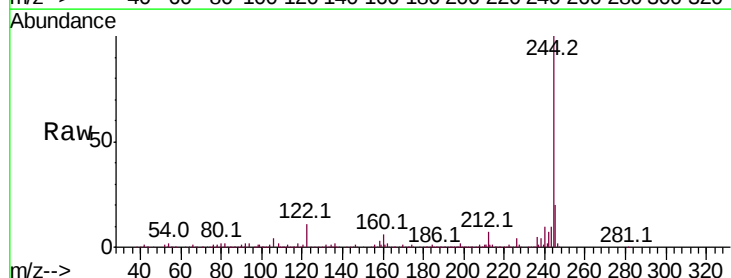
Tgt Ion:244 Resp: 1498360

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

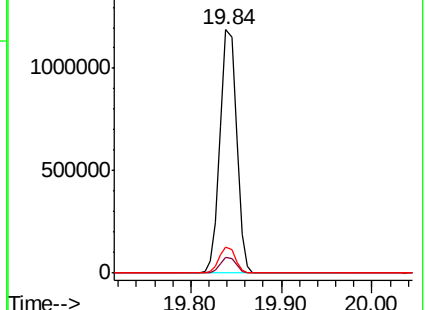
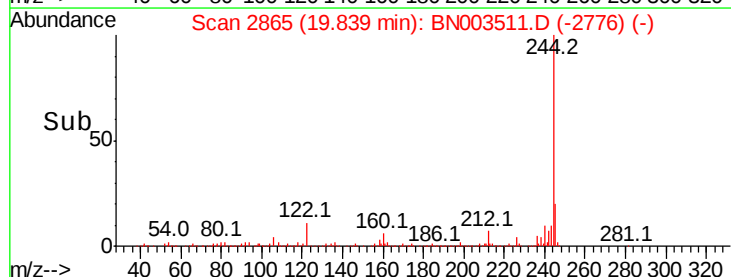
122 10.9 8.2 12.2

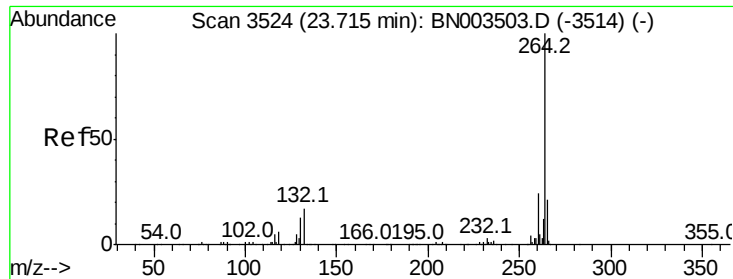


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.72 min Scan# 3524
 Delta R.T. -0.00 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.2	17.2	25.8

