

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003525.D
 Acq On : 13 Nov 2018 23:03
 Operator : MJ/SJ
 Sample : J5908-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SR-5-S

Quant Time: Nov 14 01:12:02 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

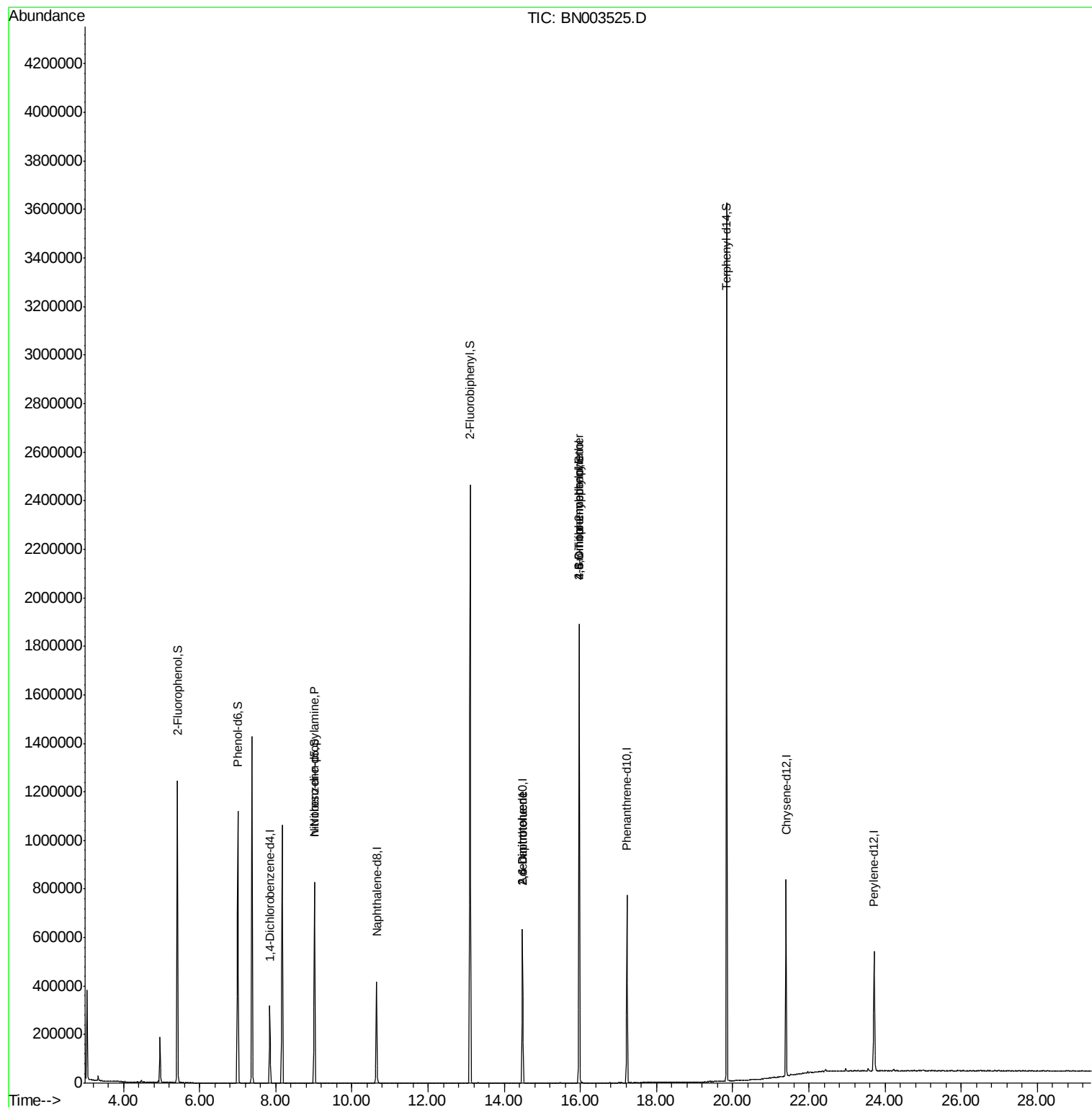
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	86406	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	359712	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	209345	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	452320	20.00	ng	0.00
76) Chrysene-d12	21.40	240	364659	20.00	ng	0.00
87) Perylene-d12	23.72	264	369457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	558635	116.61	ng	0.00
7) Phenol-d6	7.00	99	671885	101.12	ng	0.00
23) Nitrobenzene-d5	9.02	82	477732	83.60	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	388677	124.54	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1305069	83.21	ng	0.00
79) Terphenyl-d14	19.84	244	1727213	93.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	60145	13.445	ng	# 76
51) 2,6-Dinitrotoluene	14.48	165	26743	6.986	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	26743	5.169	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	665	5.128	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	24689	4.327	ng	# 1

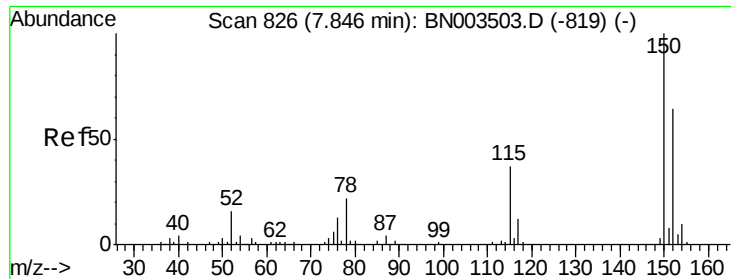
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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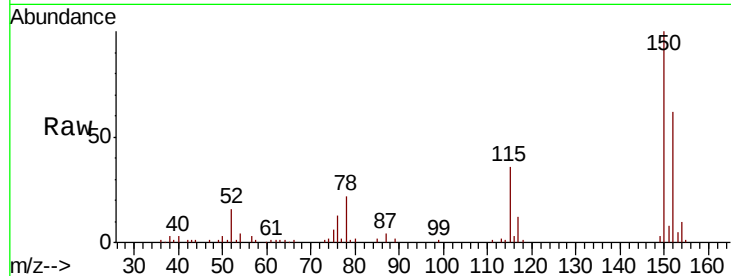




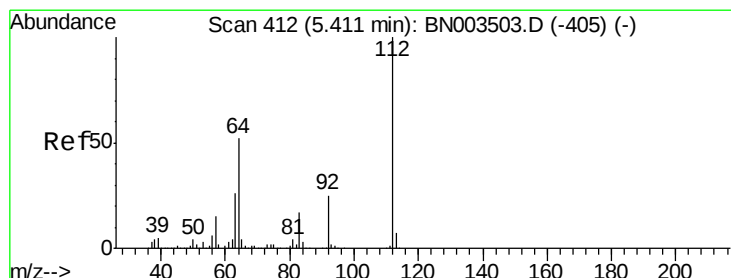
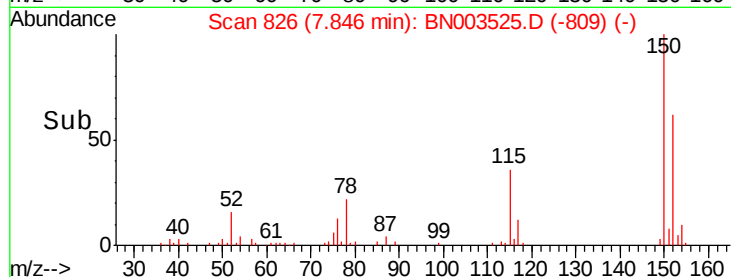
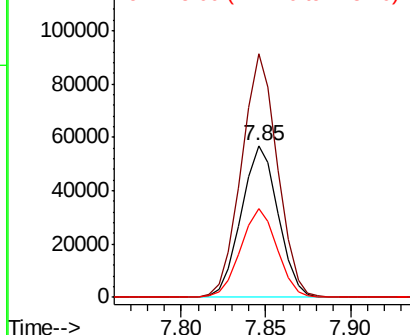
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

Instrument :
 BNA_N
 ClientSampleId :
 SR-5-S

Tgt Ion:152 Resp: 86406
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.4 188.0
 115 58.5 45.9 68.9

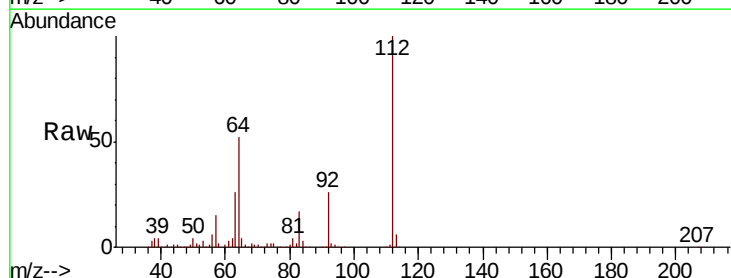


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

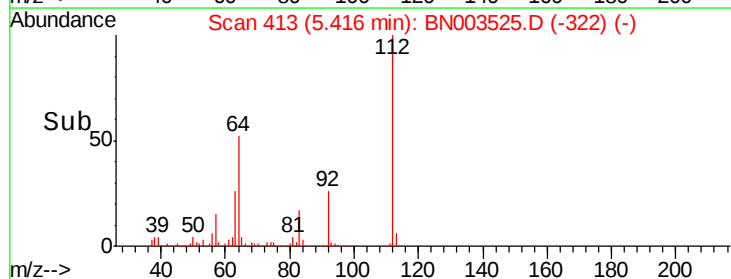
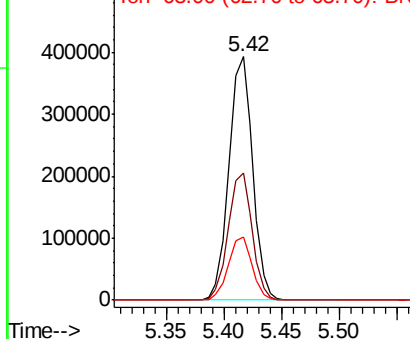


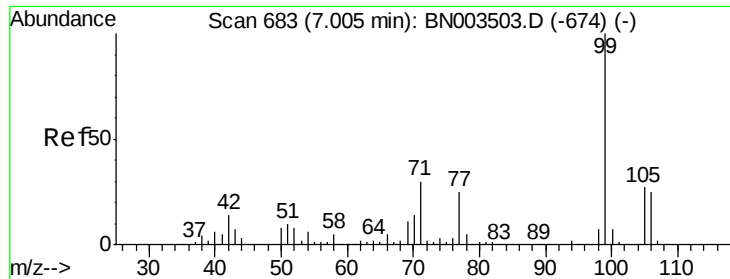
#5
 2-Fluorophenol
 Concen: 116.605 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

Tgt Ion:112 Resp: 558635
 Ion Ratio Lower Upper
 112 100
 64 52.5 41.4 62.2
 63 25.8 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: 101.123 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampled :

SR-5-S

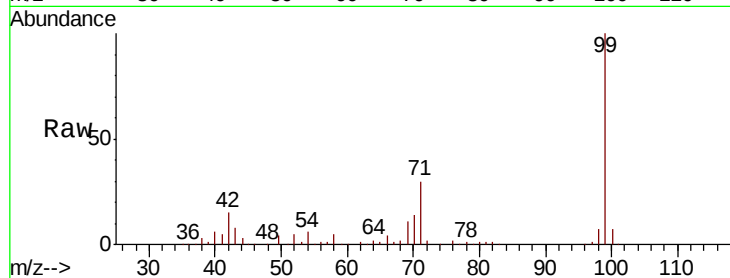
Tgt Ion: 99 Resp: 671885

Ion Ratio Lower Upper

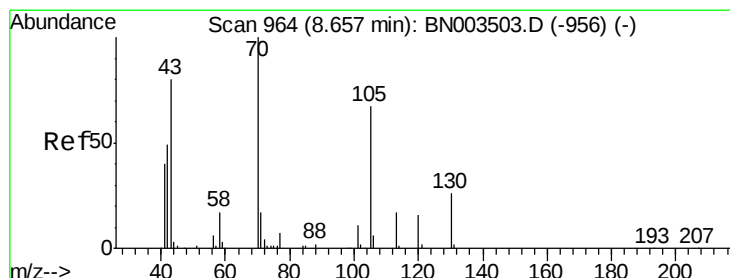
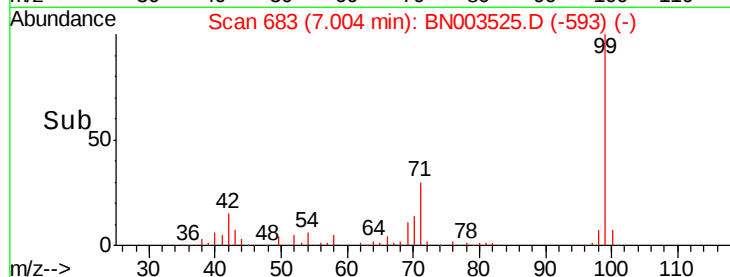
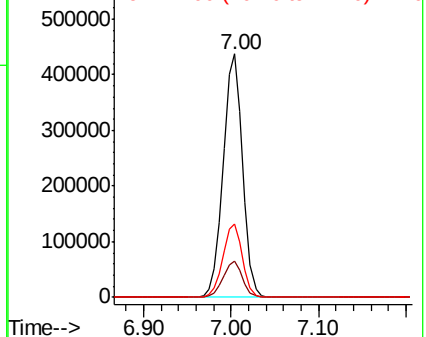
99 100

42 14.7 11.6 17.4

71 30.1 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: 13.445 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Tgt Ion: 70 Resp: 60145

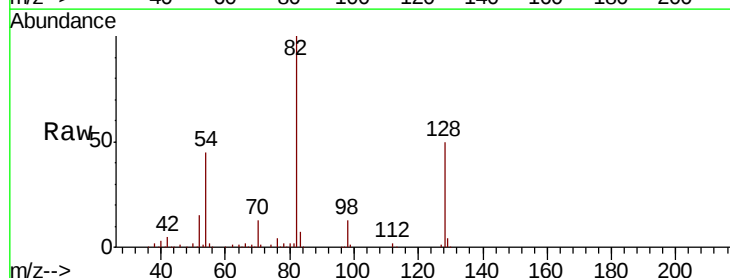
Ion Ratio Lower Upper

70 100

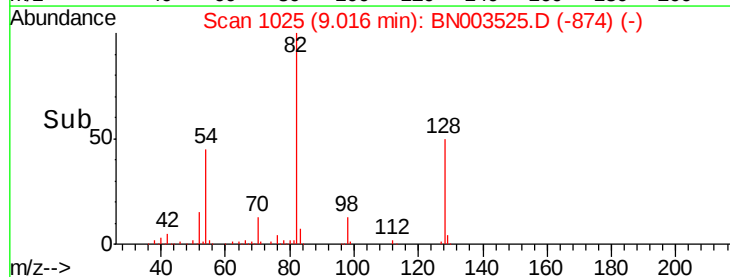
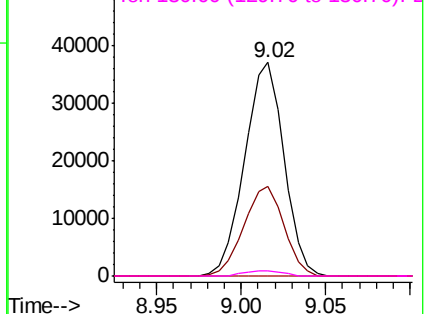
42 42.2 39.7 59.5

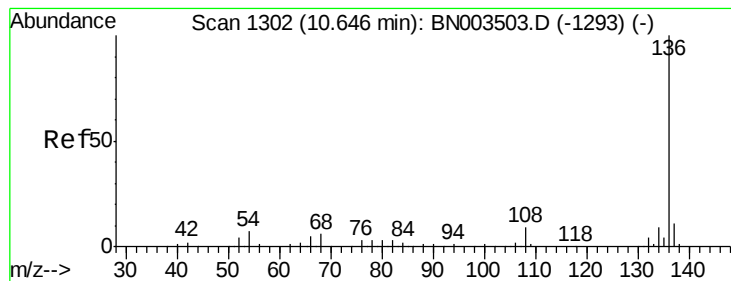
101 0.0 8.8 13.2#

130 2.5 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: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampleId :

SR-5-S

Tgt Ion: 136 Resp: 359712

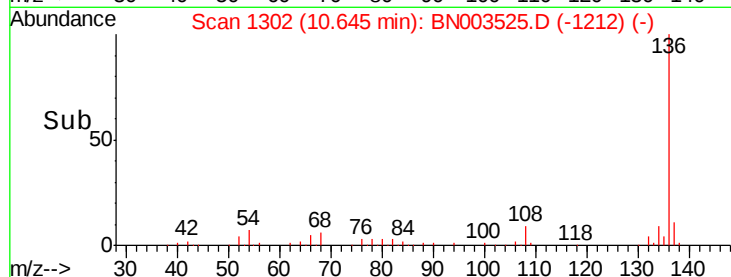
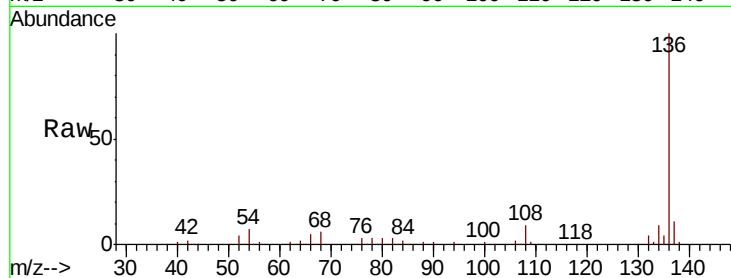
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.2 5.7 8.5

68 5.9 4.7 7.1

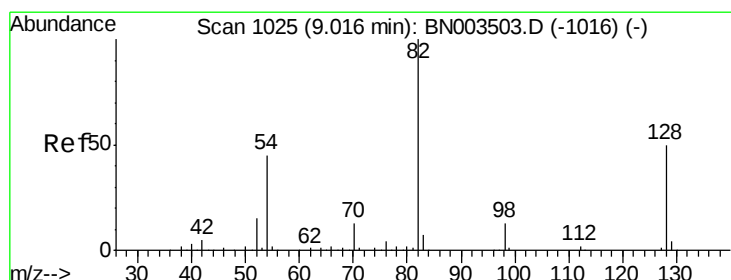
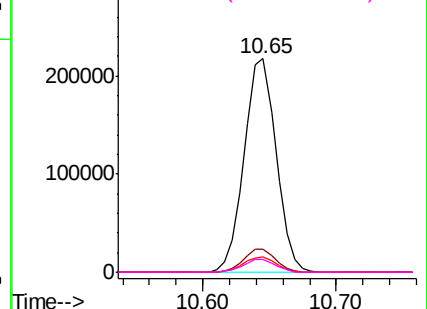


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.599 ng

RT: 9.02 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

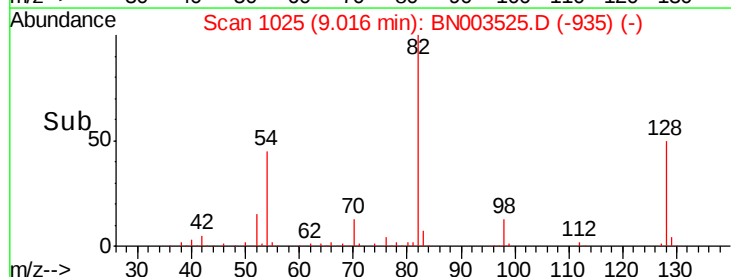
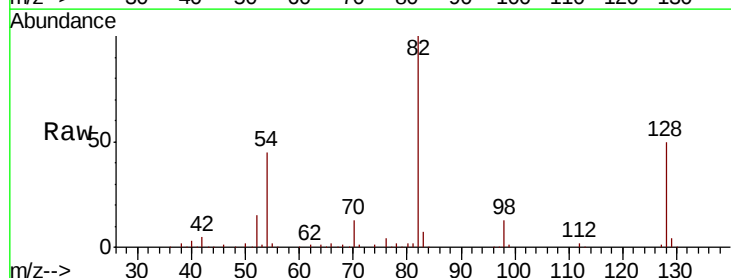
Tgt Ion: 82 Resp: 477732

Ion Ratio Lower Upper

82 100

128 49.9 40.0 60.0

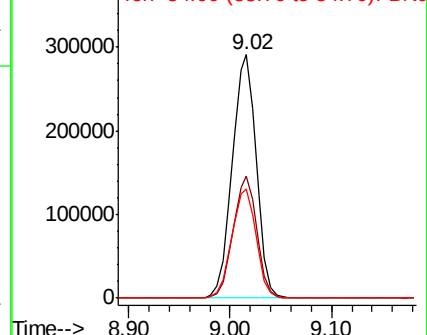
54 44.6 36.1 54.1

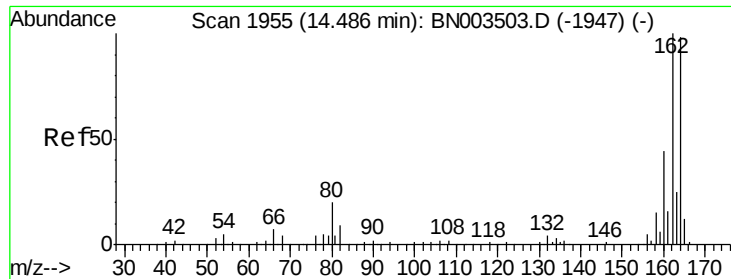


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampleId :

SR-5-S

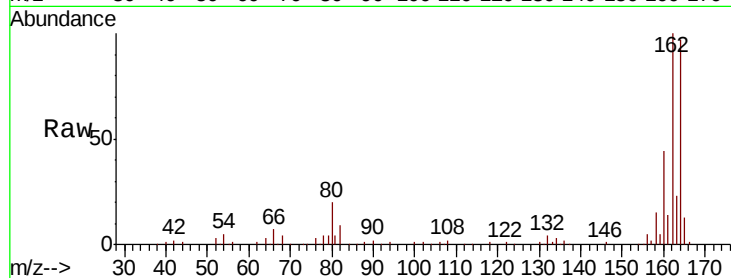
Tgt Ion:164 Resp: 209345

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

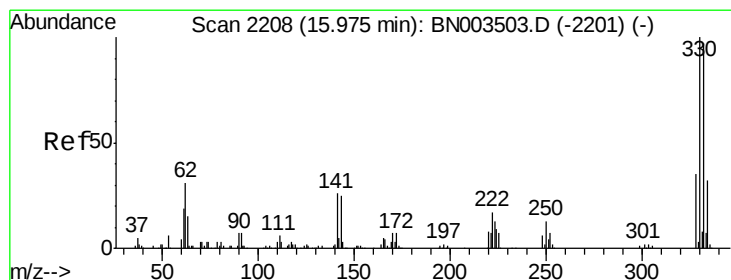
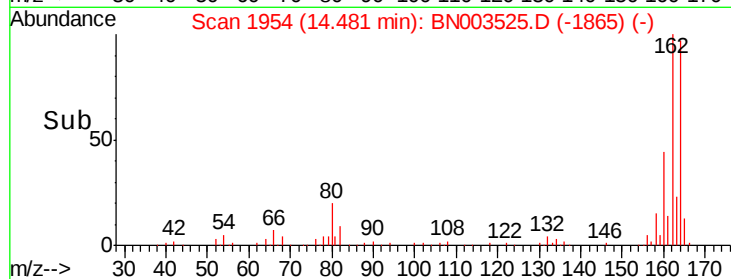
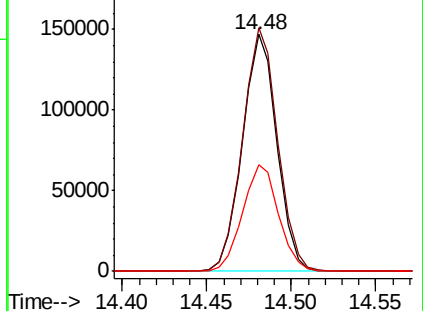
160 44.9 36.2 54.2



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: 124.544 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

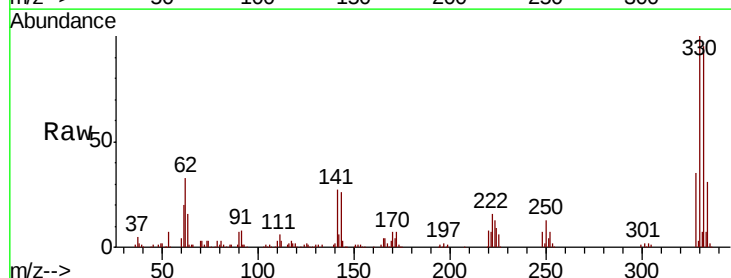
Tgt Ion:330 Resp: 388677

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

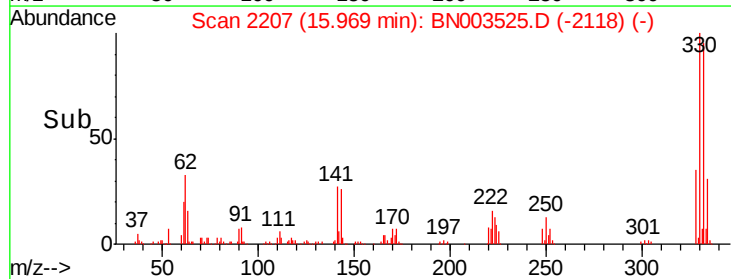
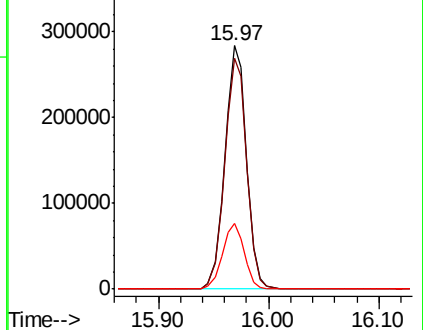
141 27.0 21.6 32.4

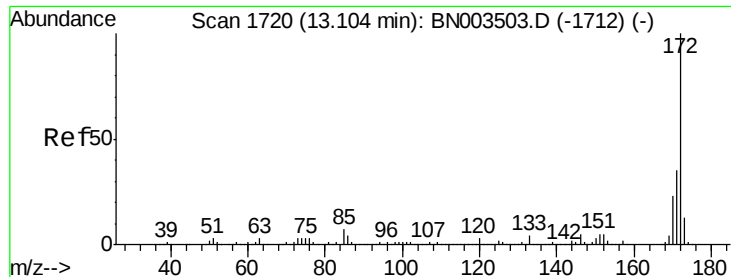


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

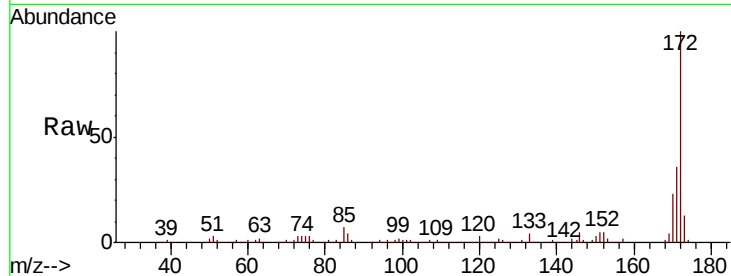




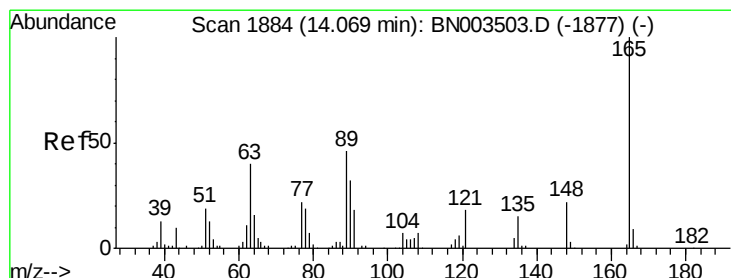
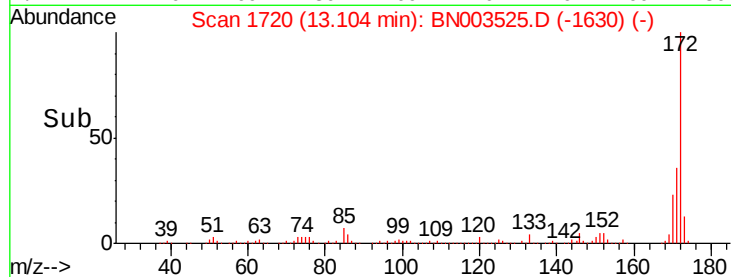
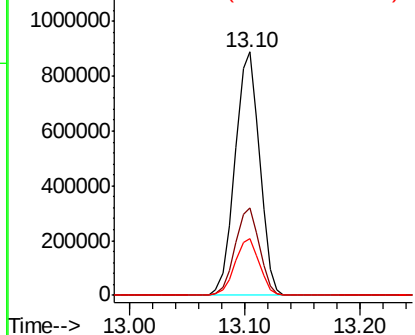
#45
 2-Fluorobiphenyl
 Concen: 83.209 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

Instrument :
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 ClientSampleId :
 SR-5-S

Tgt Ion:172 Resp: 1305069
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.3 42.5
 170 23.3 18.7 28.1

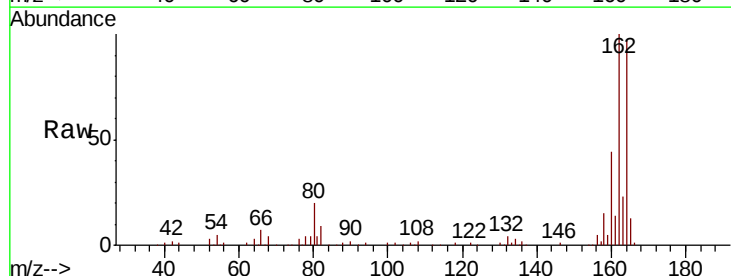


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

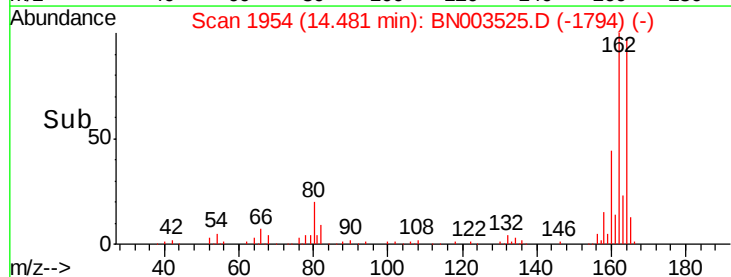
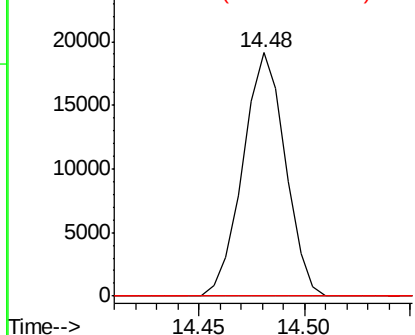


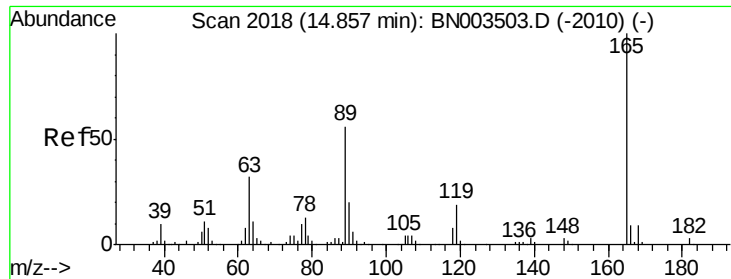
#51
 2,6-Dinitrotoluene
 Concen: 6.986 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

Tgt Ion:165 Resp: 26743
 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

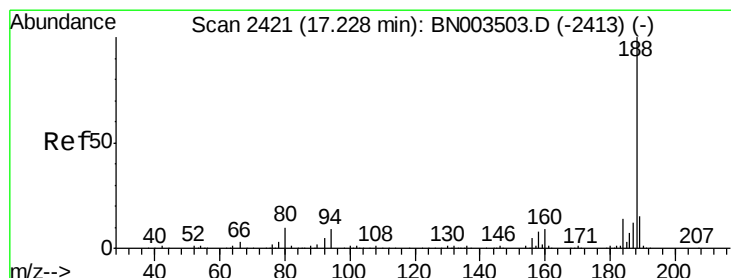
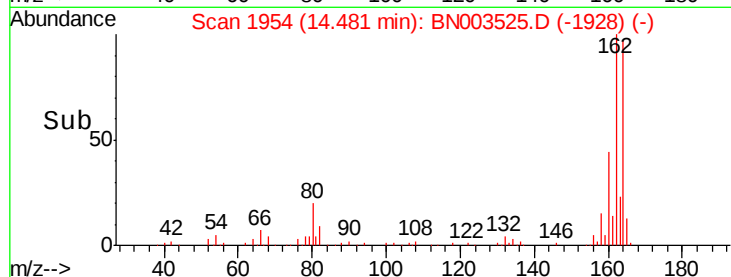
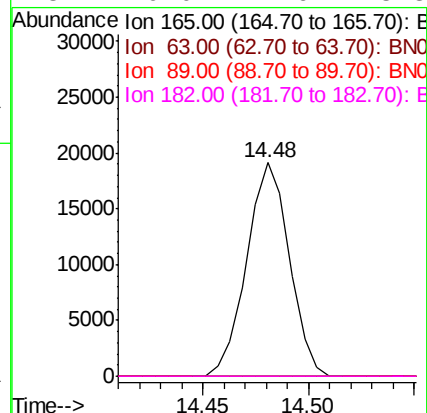
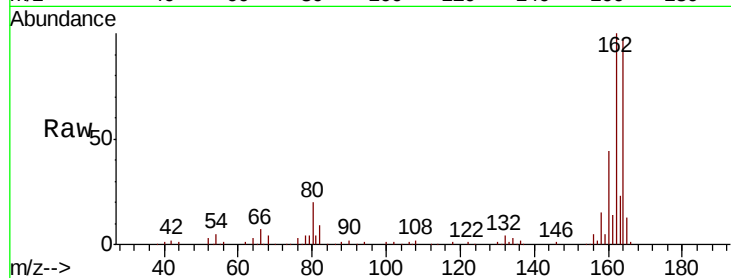




#57
 2,4-Dinitrotoluene
 Concen: 5.169 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

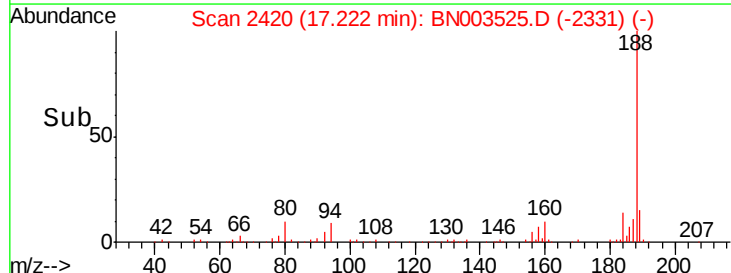
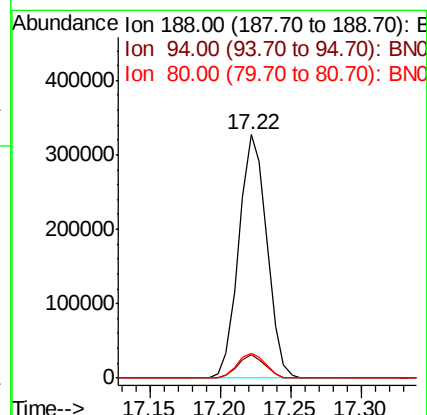
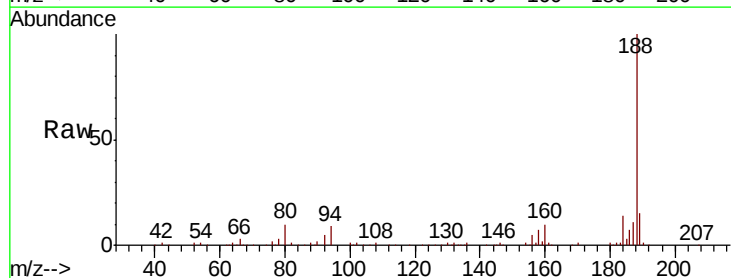
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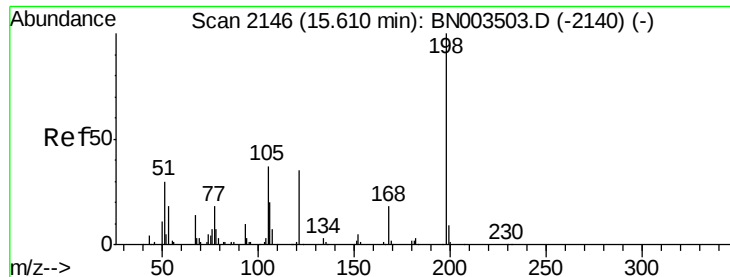
Tgt Ion:	165	Resp:	26743
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.2#
89	0.0	44.7	67.1#
182	0.0	2.6	3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

Tgt Ion:	188	Resp:	452320
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.6	11.4
80	10.2	8.2	12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.128 ng

RT: 15.97 min Scan# 2207

Delta R.T. 0.36 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampleId :

SR-5-S

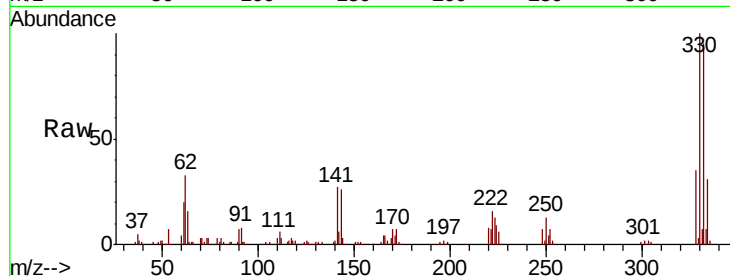
Tgt Ion:198 Resp: 665

Ion Ratio Lower Upper

198 100

51 134.3 13.8 53.8#

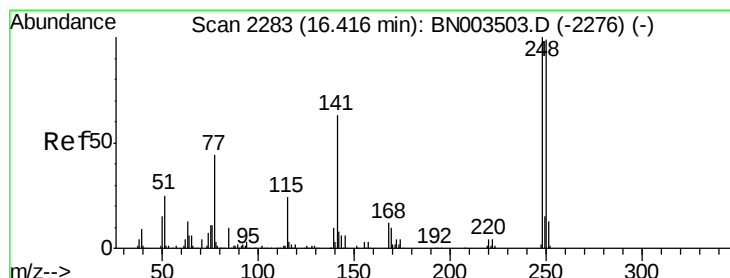
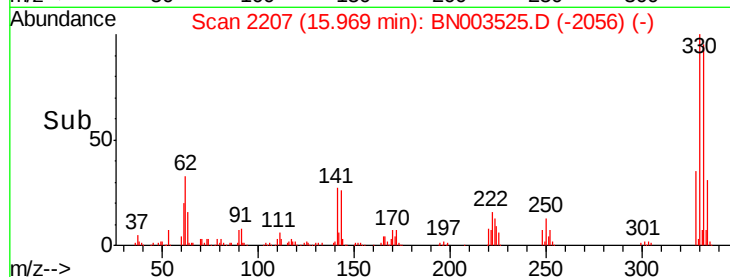
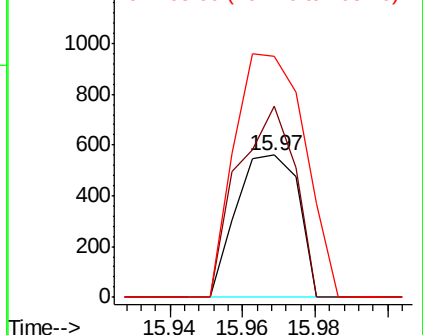
105 170.3 18.3 58.3#



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: 4.327 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.45 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

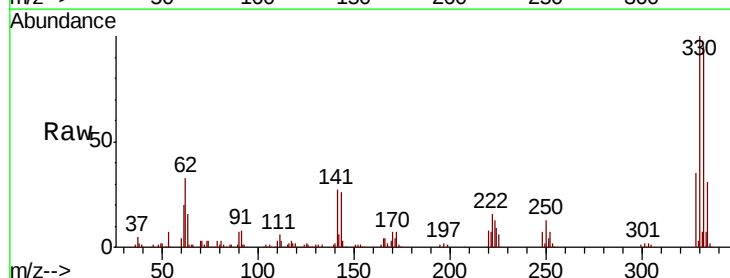
Tgt Ion:248 Resp: 24689

Ion Ratio Lower Upper

248 100

250 203.7 79.0 118.6#

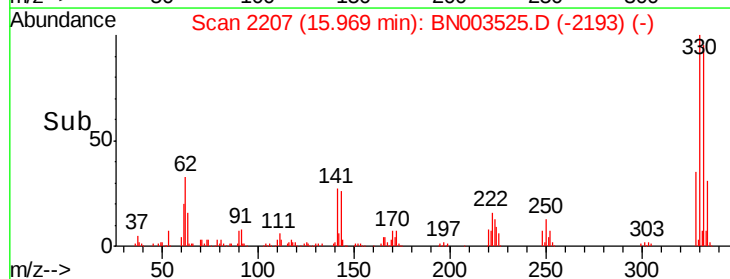
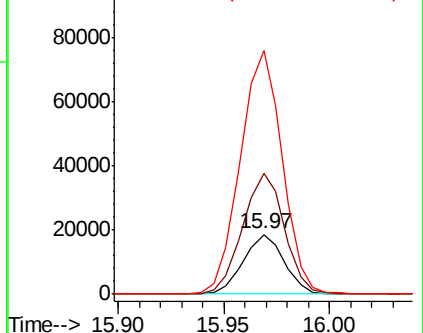
141 409.5 50.7 76.1#

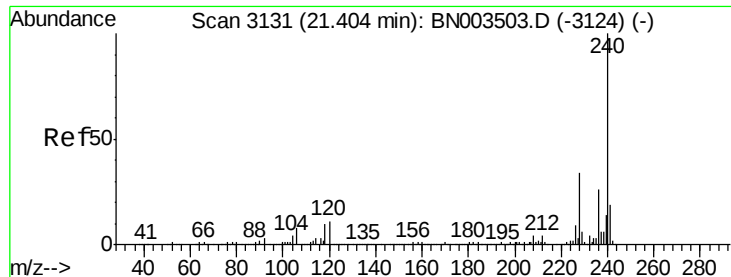


Abundance Ion 248.00 (247.70 to 248.70): E

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: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampleId :

SR-5-S

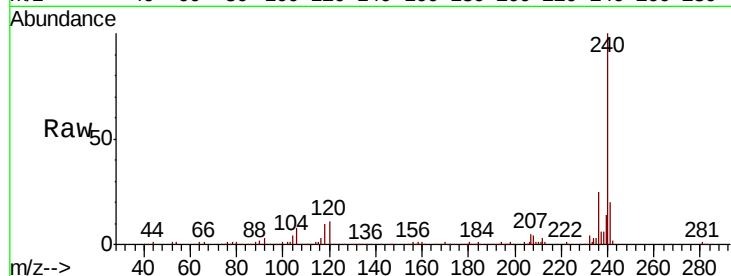
Tgt Ion:240 Resp: 364659

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

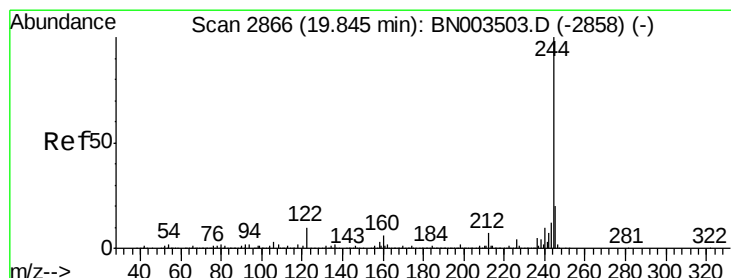
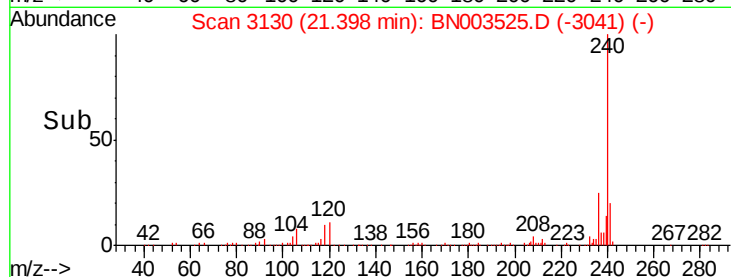
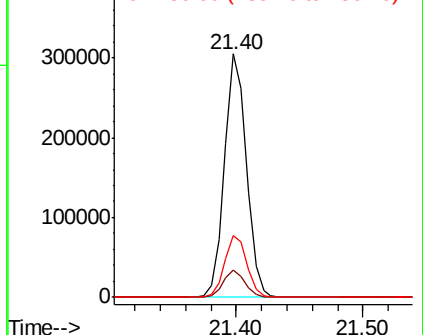
236 25.4 20.6 30.8



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: 93.249 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

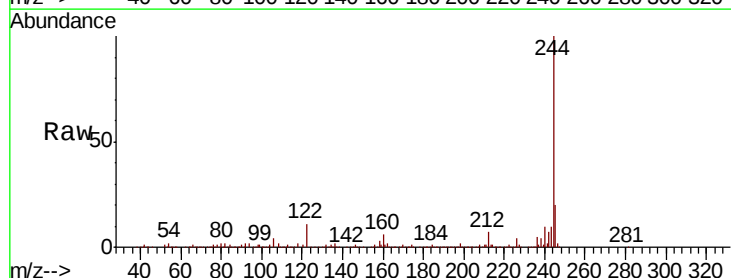
Tgt Ion:244 Resp: 1727213

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

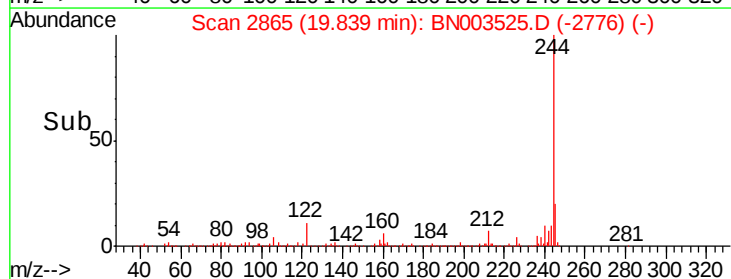
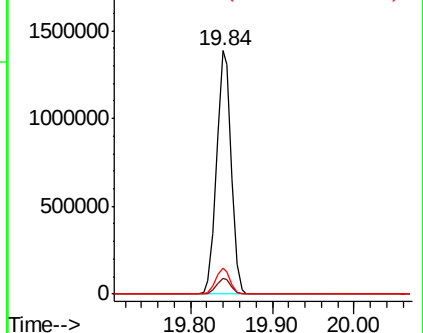
122 10.9 8.2 12.2

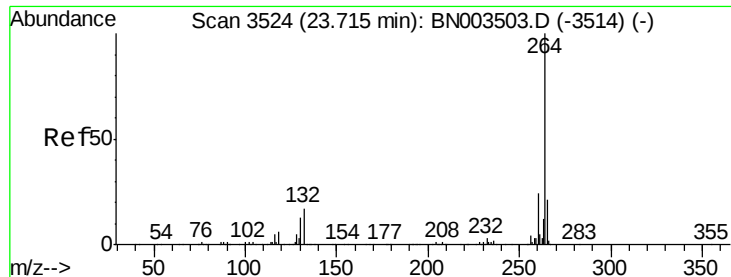


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BN003525.D
Acq: 13 Nov 2018 23:03

Instrument :
BNA_N
ClientSampleId :
SR-5-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.5	17.2	25.8

