

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003521.D
 Acq On : 13 Nov 2018 20:42
 Operator : MJ/SJ
 Sample : J5770-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OR-01-111218-B

Quant Time: Nov 14 01:11:26 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

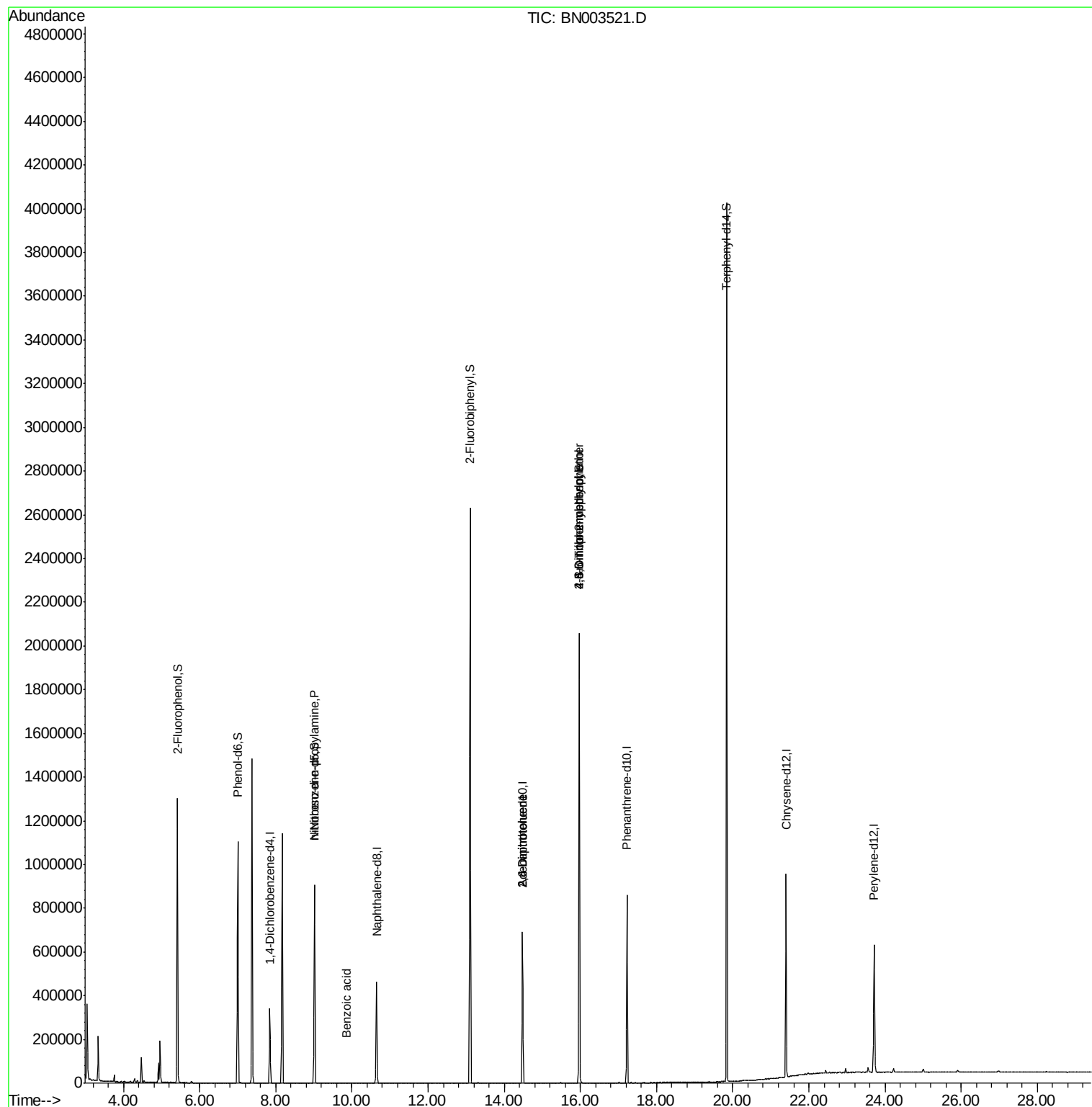
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	95506	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	397802	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	234310	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	515329	20.00	ng	0.00
76) Chrysene-d12	21.40	240	425284	20.00	ng	0.00
87) Perylene-d12	23.72	264	429618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	574122	108.42	ng	0.00
7) Phenol-d6	7.00	99	667131	90.84	ng	0.00
23) Nitrobenzene-d5	9.02	82	506531	80.15	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	431172	123.44	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1361953	77.58	ng	0.00
79) Terphenyl-d14	19.85	244	1933481	89.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	64197	12.984	ng	Qvalue # 75
32) Benzoic acid	9.85	122	480	5.307	ng	92
51) 2,6-Dinitrotoluene	14.48	165	29661	6.923	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	29661	5.122	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	843	5.150	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	28109	4.324	ng	# 1

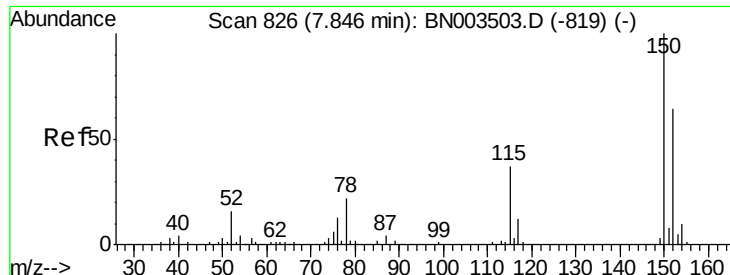
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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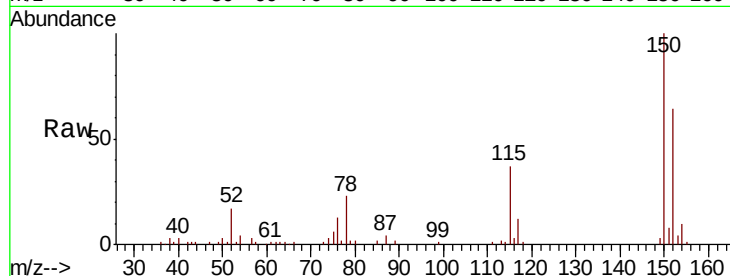


#1

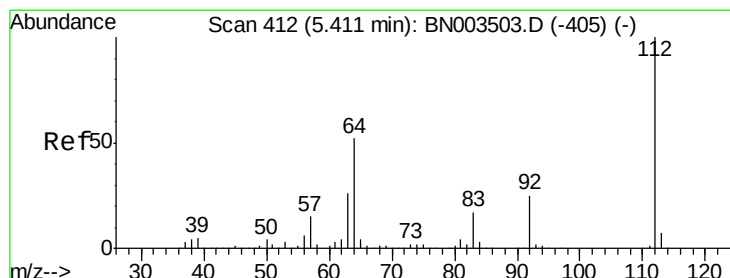
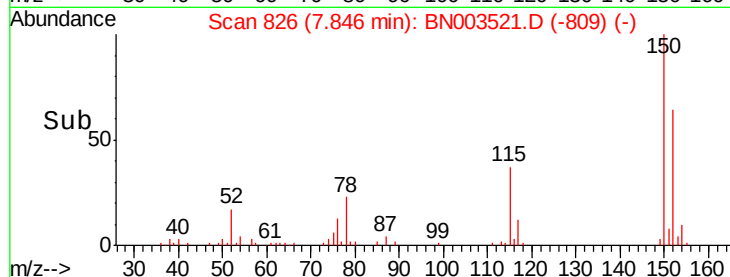
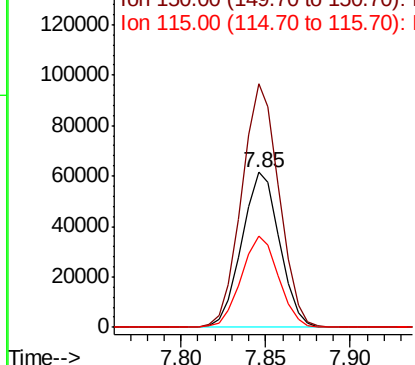
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BN003521.D
Acq: 13 Nov 2018 20:42

Instrument :
BNA_N
ClientSampleId :
OR-01-111218-B

Tgt Ion:152 Resp: 95506
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.0
115 58.4 45.9 68.9



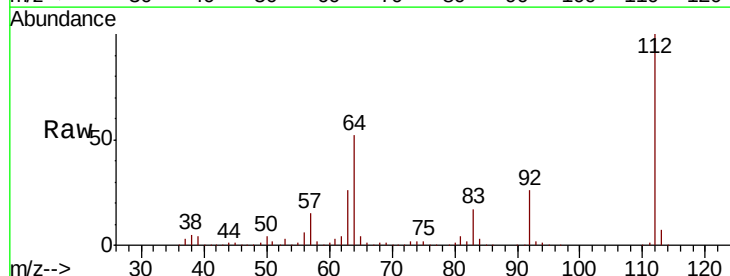
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



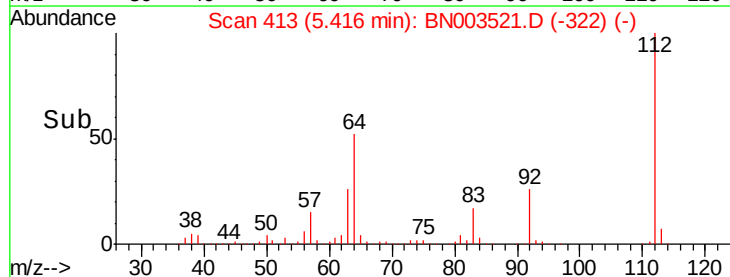
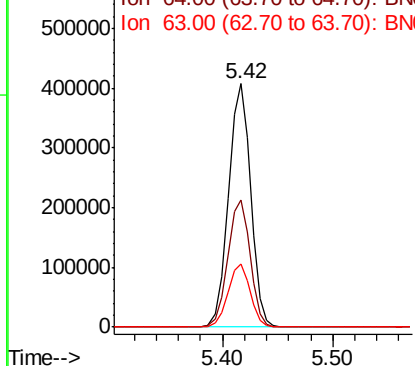
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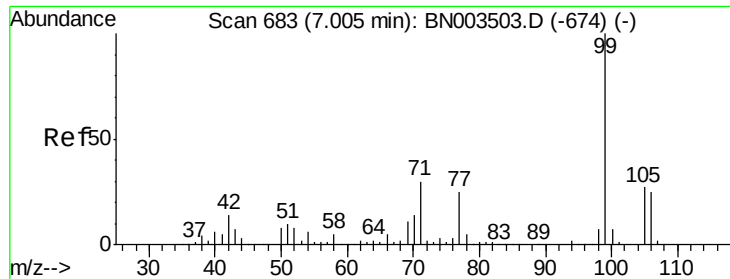
2-Fluorophenol
Concen: 108.420 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003521.D
Acq: 13 Nov 2018 20:42

Tgt Ion:112 Resp: 574122
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 26.0 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: 90.840 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BN003521.D

Acq: 13 Nov 2018 20:42

Instrument :

BNA_N

ClientSampleId :

OR-01-111218-B

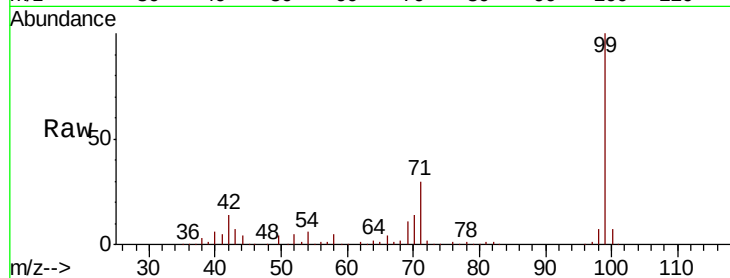
Tgt Ion: 99 Resp: 667131

Ion Ratio Lower Upper

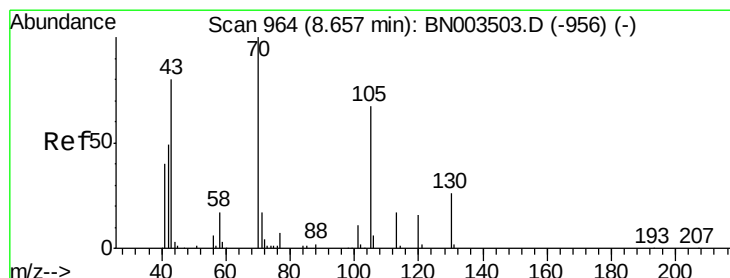
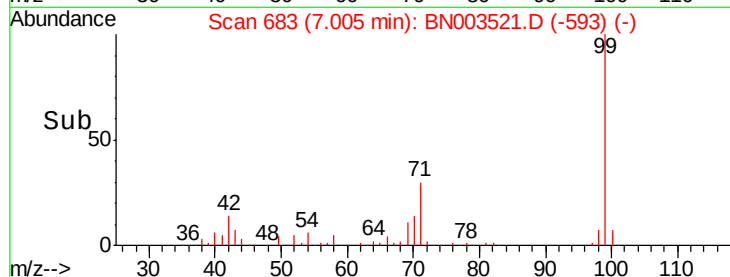
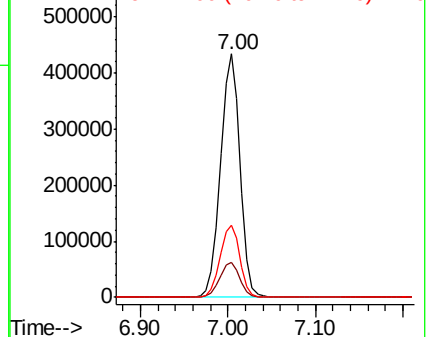
99 100

42 14.5 11.6 17.4

71 29.9 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: 12.984 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003521.D

Acq: 13 Nov 2018 20:42

Tgt Ion: 70 Resp: 64197

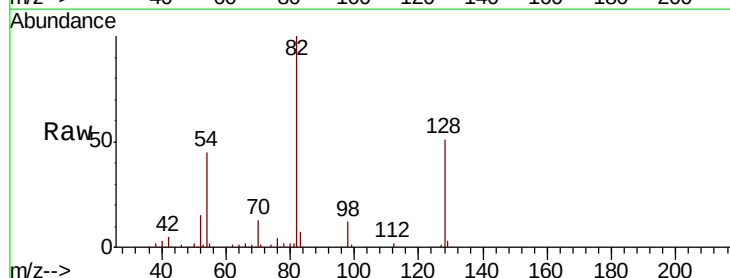
Ion Ratio Lower Upper

70 100

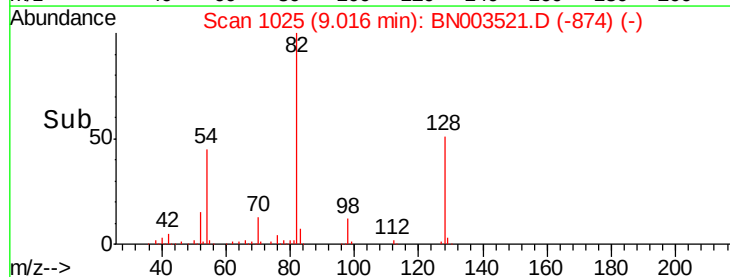
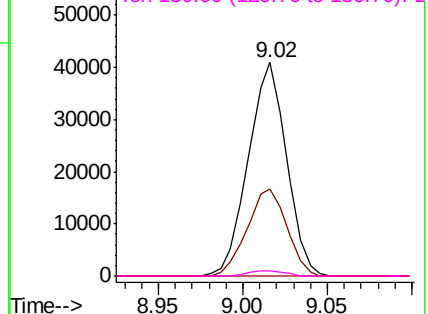
42 40.5 39.7 59.5

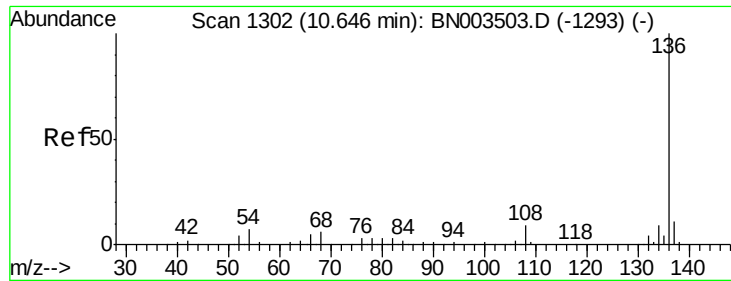
101 0.0 8.8 13.2#

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

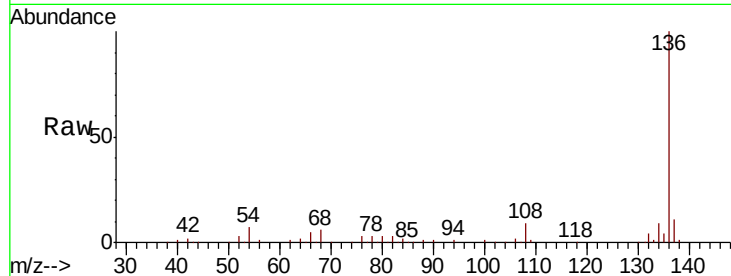




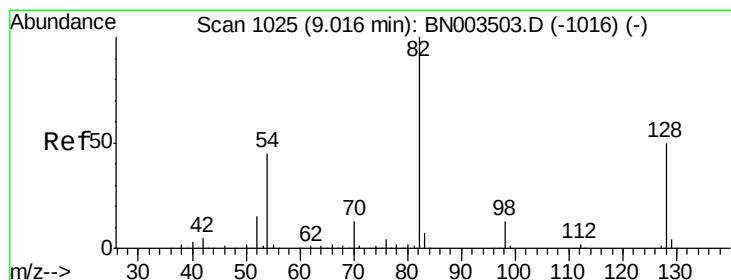
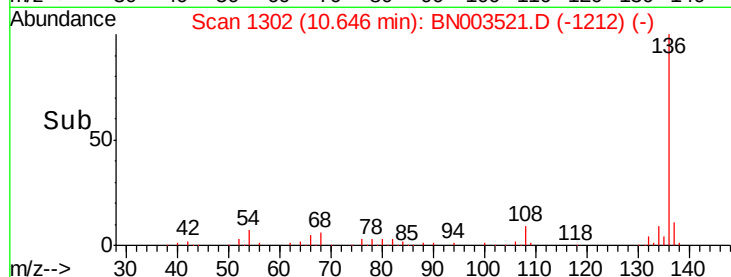
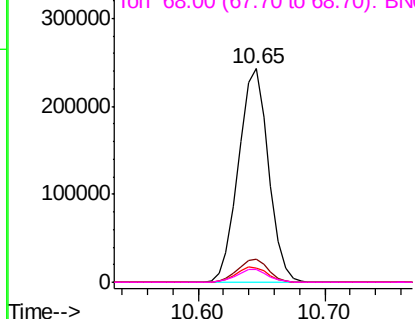
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003521.D
Acq: 13 Nov 2018 20:42

Instrument :
BNA_N
ClientSampleId :
OR-01-111218-B

Tgt Ion:	136	Resp:	397802
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.7	8.5
68	6.1	4.7	7.1

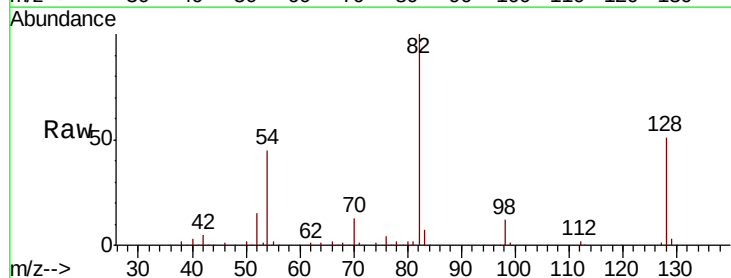


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

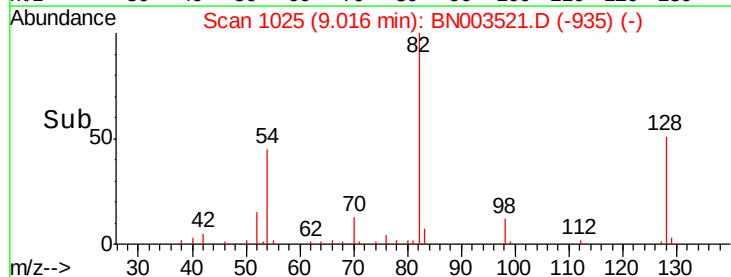
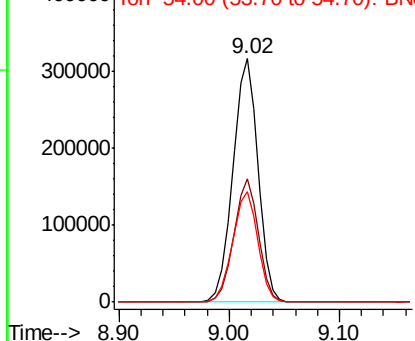


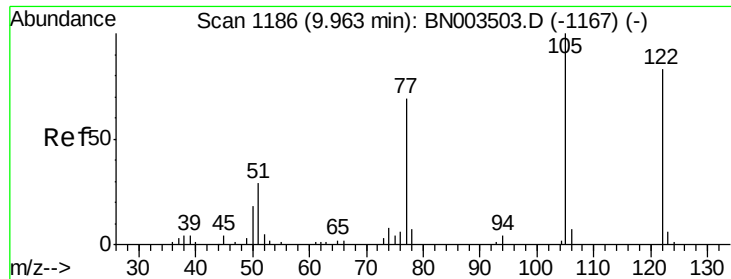
#23
Nitrobenzene-d5
Concen: 80.152 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003521.D
Acq: 13 Nov 2018 20:42

Tgt Ion:	82	Resp:	506531
Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.0	60.0
54	45.4	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

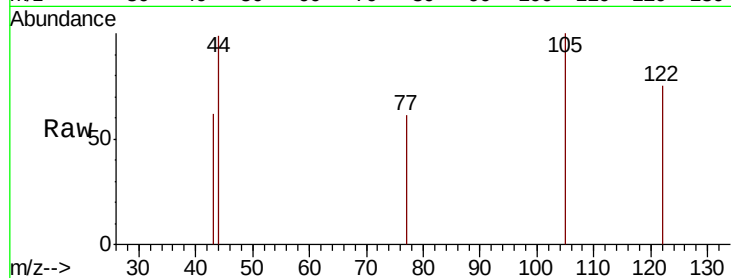




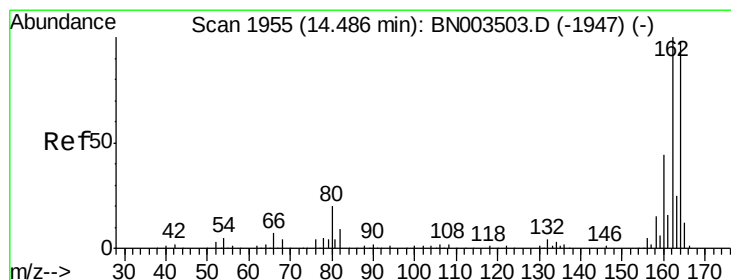
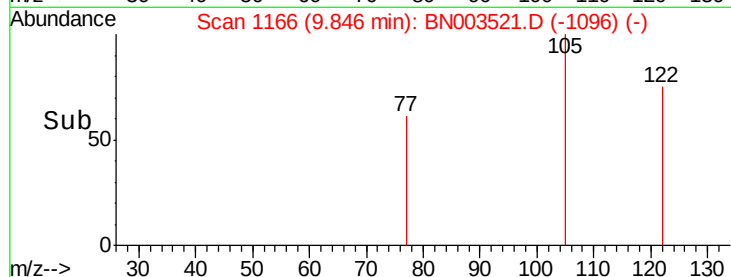
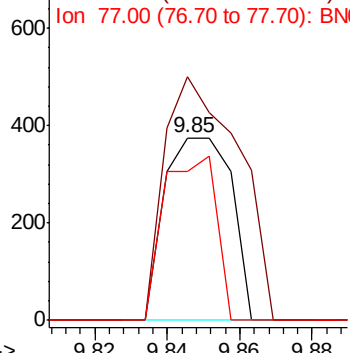
#32
Benzoic acid
Concen: 5.307 ng
RT: 9.85 min Scan# 1166
Delta R.T. -0.12 min
Lab File: BN003521.D
Acq: 13 Nov 2018 20:42

Instrument :
BNA_N
ClientSampleId :
OR-01-111218-B

Tgt Ion:122 Resp: 480
Ion Ratio Lower Upper
122 100
105 133.3 98.4 138.4
77 81.3 62.2 102.2

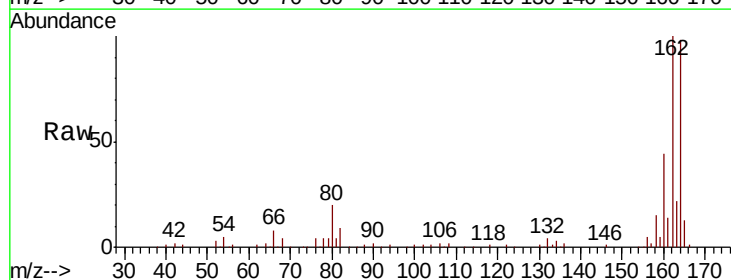


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

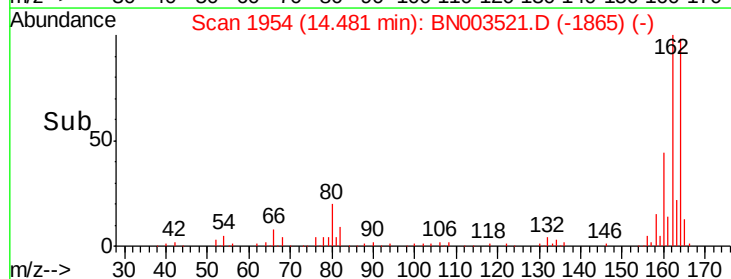
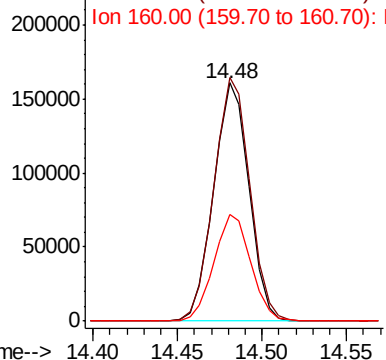


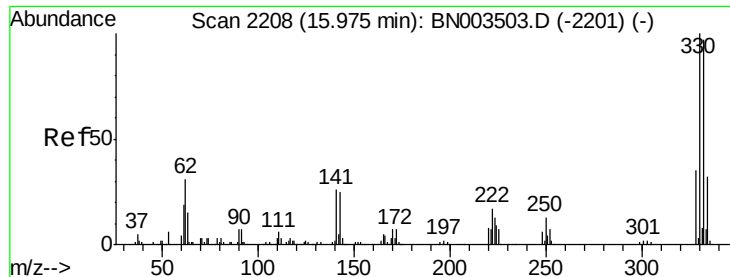
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003521.D
Acq: 13 Nov 2018 20:42

Tgt Ion:164 Resp: 234310
Ion Ratio Lower Upper
164 100
162 102.2 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

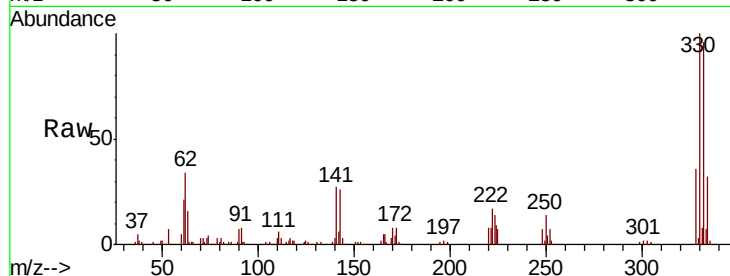




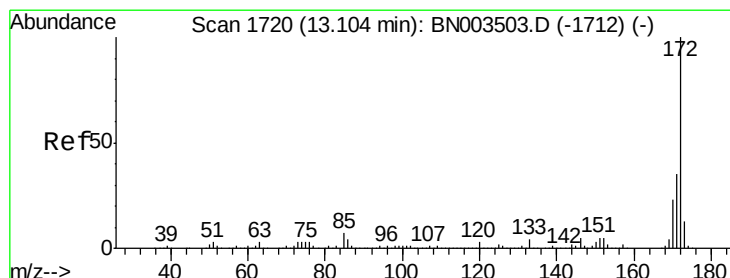
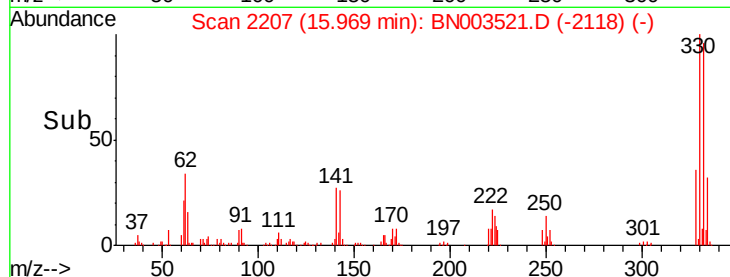
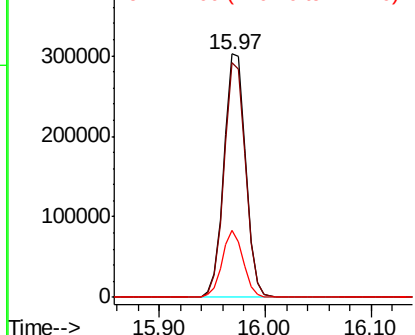
#42
 2,4,6-Tribromophenol
 Concen: 123.440 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003521.D
 Acq: 13 Nov 2018 20:42

Instrument :
 BNA_N
 ClientSampleId :
 OR-01-111218-B

Tgt Ion:330 Resp: 431172
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 26.5 21.6 32.4

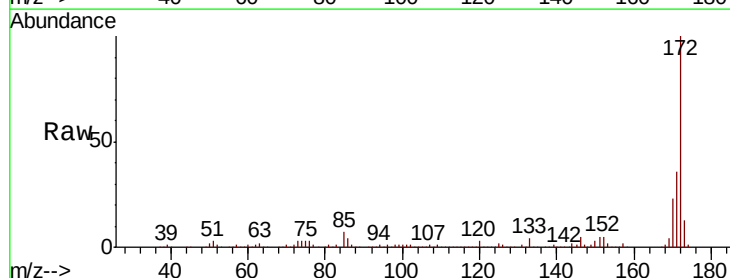


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

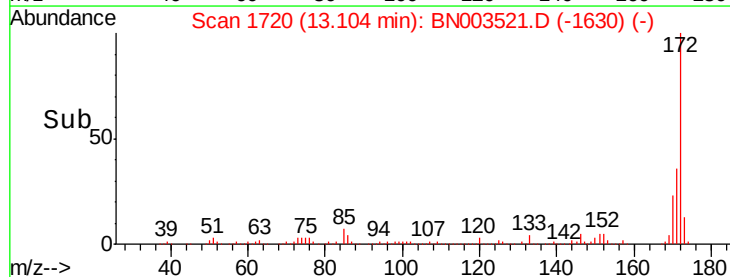
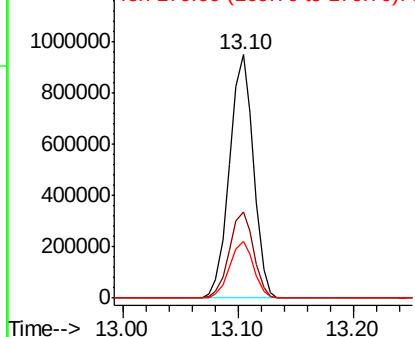


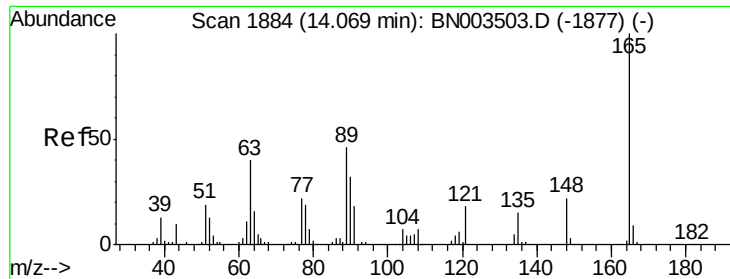
#45
 2-Fluorobiphenyl
 Concen: 77.584 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003521.D
 Acq: 13 Nov 2018 20:42

Tgt Ion:172 Resp: 1361953
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.4 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

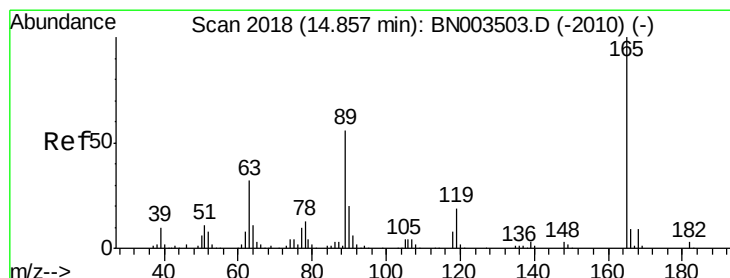
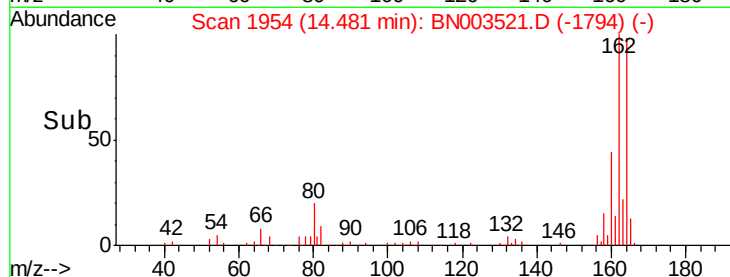
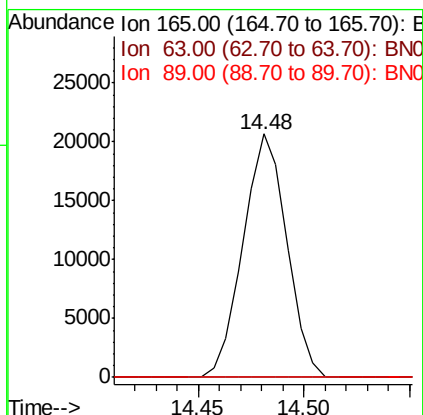
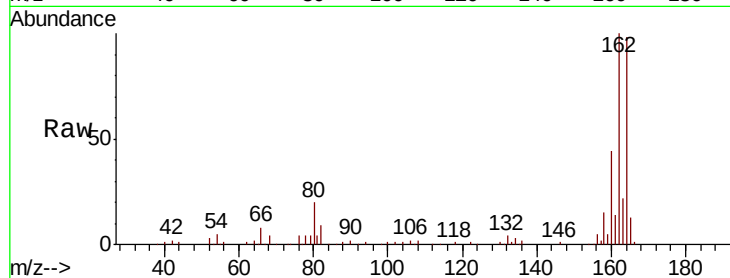




#51
 2,6-Dinitrotoluene
 Concen: 6.923 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003521.D
 Acq: 13 Nov 2018 20:42

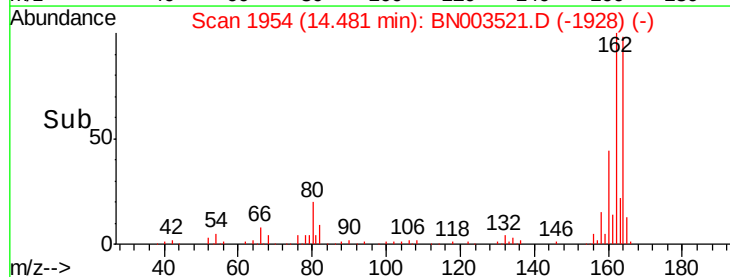
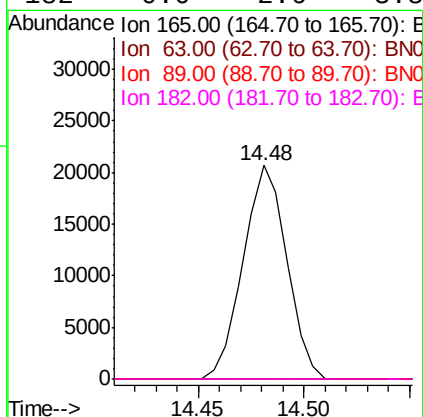
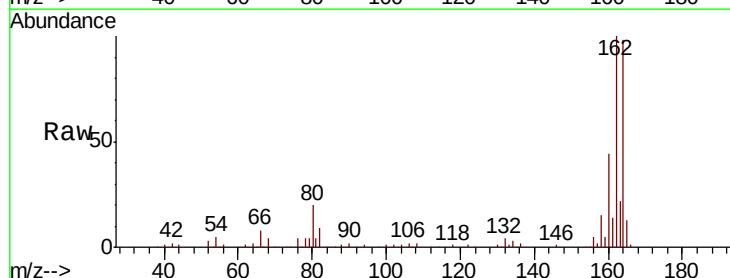
Instrument :
 BNA_N
 ClientSampleId :
 OR-01-111218-B

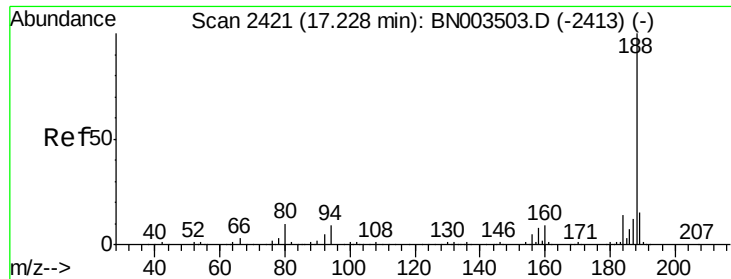
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	36.7	55.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.122 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003521.D
 Acq: 13 Nov 2018 20:42

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: 17.23 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN003521.D

Acq: 13 Nov 2018 20:42

Instrument :

BNA_N

ClientSampleId :

OR-01-111218-B

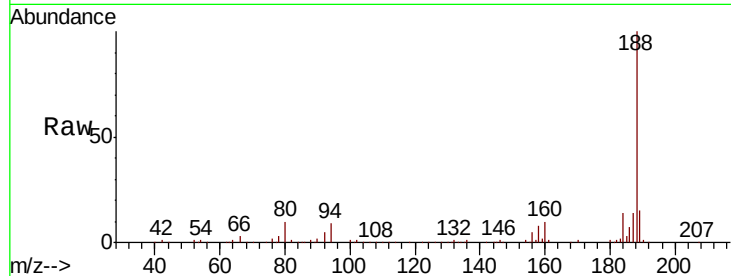
Tgt Ion:188 Resp: 515329

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

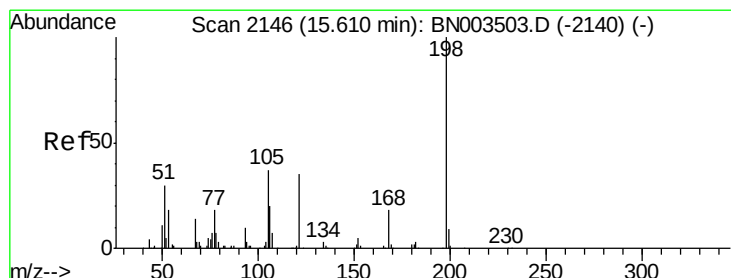
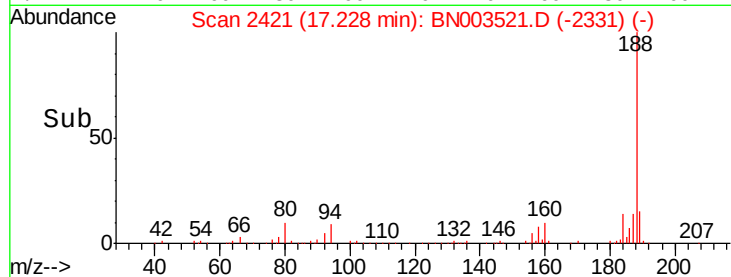
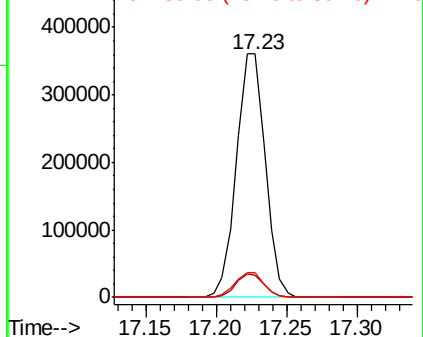
80 9.9 8.2 12.2



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: 5.150 ng

RT: 15.97 min Scan# 2207

Delta R.T. 0.36 min

Lab File: BN003521.D

Acq: 13 Nov 2018 20:42

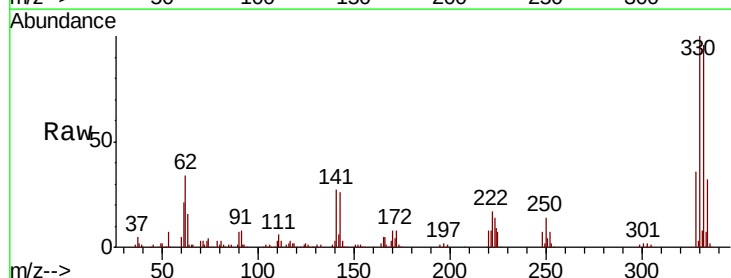
Tgt Ion:198 Resp: 843

Ion Ratio Lower Upper

198 100

51 111.6 13.8 53.8#

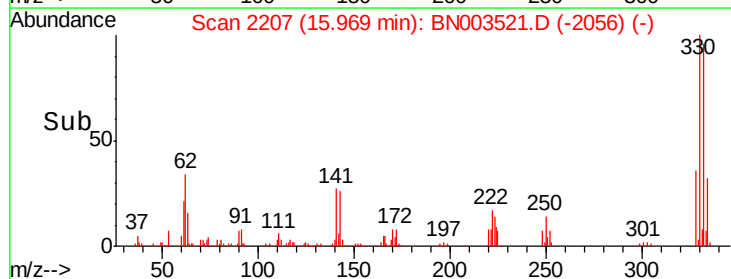
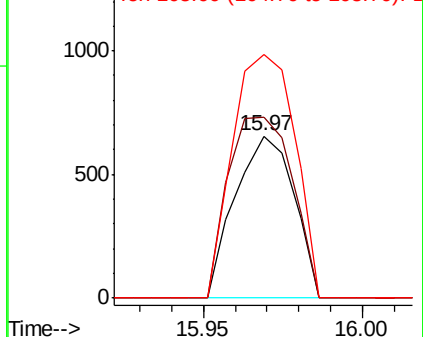
105 150.4 18.3 58.3#

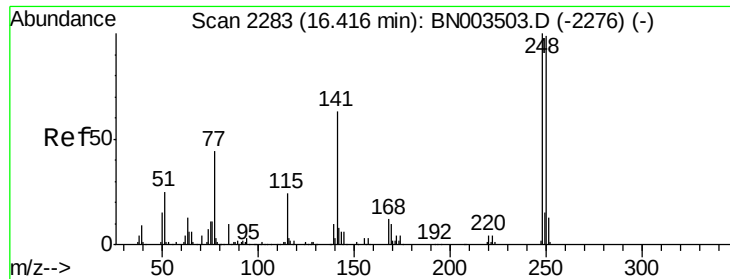


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 4.324 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.45 min

Lab File: BN003521.D

Acq: 13 Nov 2018 20:42

Instrument :

BNA_N

ClientSampleId :

OR-01-111218-B

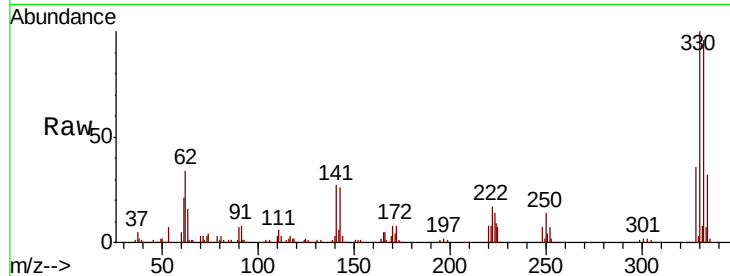
Tgt Ion:248 Resp: 28109

Ion Ratio Lower Upper

248 100

250 195.8 79.0 118.6#

141 396.0 50.7 76.1#

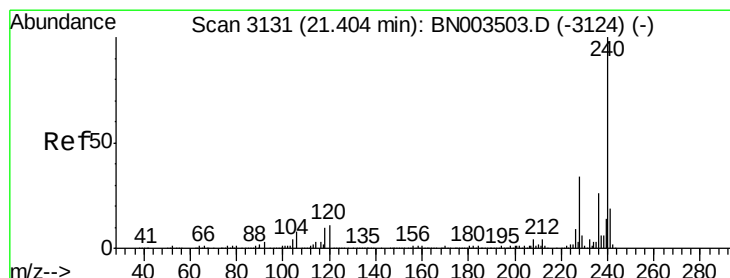
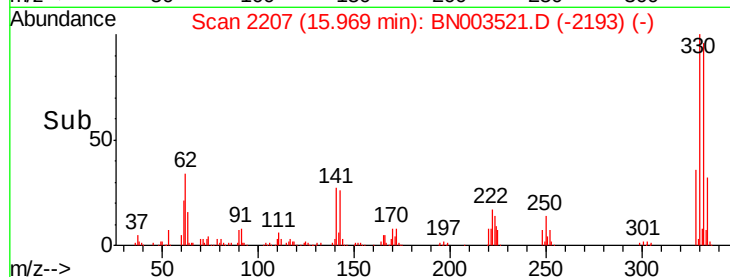
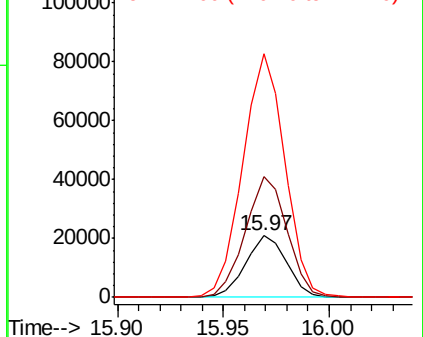


Abundance

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# 3130

Delta R.T. -0.01 min

Lab File: BN003521.D

Acq: 13 Nov 2018 20:42

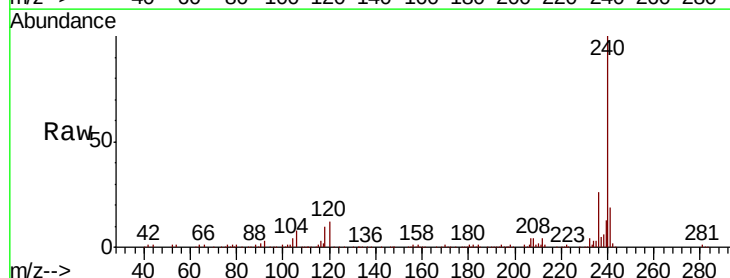
Tgt Ion:240 Resp: 425284

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

236 25.6 20.6 30.8

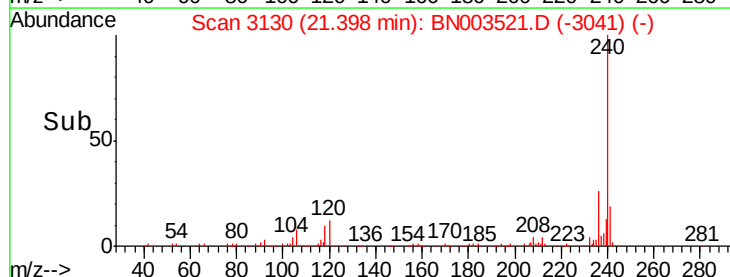
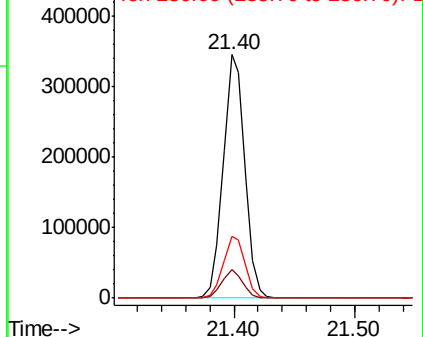


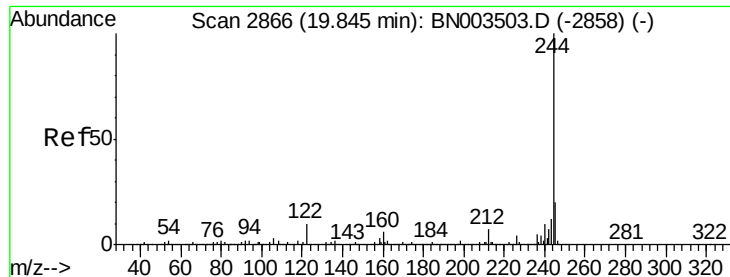
Abundance

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: 89.505 ng

RT: 19.85 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BN003521.D

Acq: 13 Nov 2018 20:42

Instrument :

BNA_N

ClientSampleId :

OR-01-111218-B

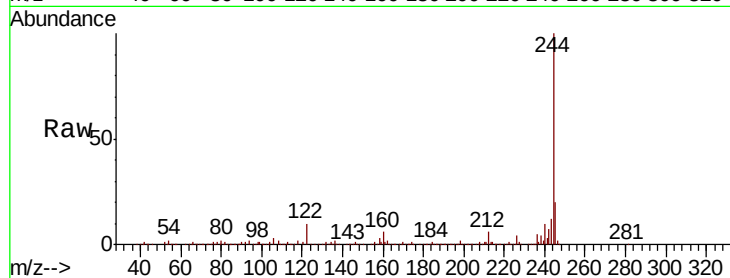
Tgt Ion:244 Resp: 1933481

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

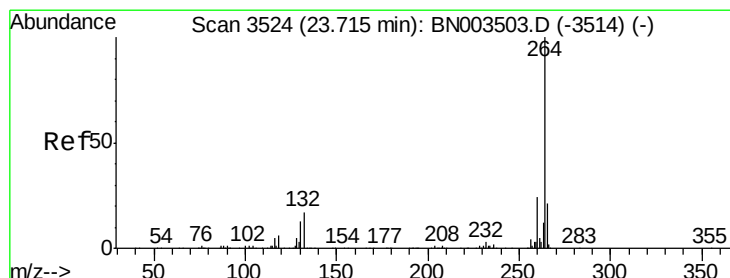
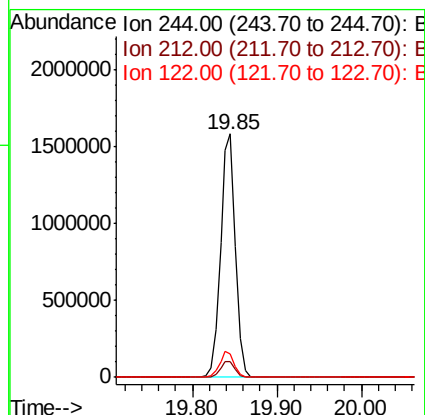
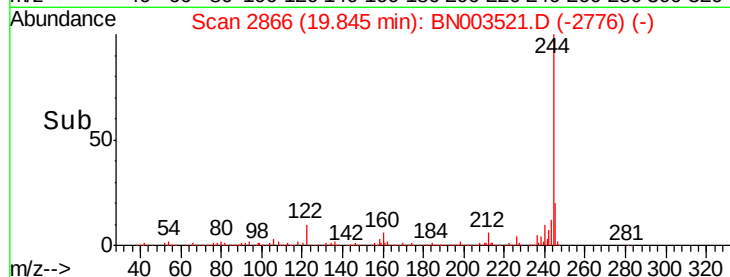
122 9.7 8.2 12.2



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: BN003521.D

Acq: 13 Nov 2018 20:42

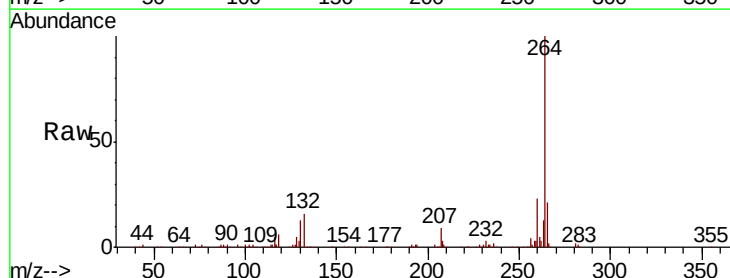
Tgt Ion:264 Resp: 429618

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.1 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

