

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003532.D
 Acq On : 14 Nov 2018 03:08
 Operator : MJ/SJ
 Sample : PB114756BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BL

Quant Time: Nov 14 04:08:43 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

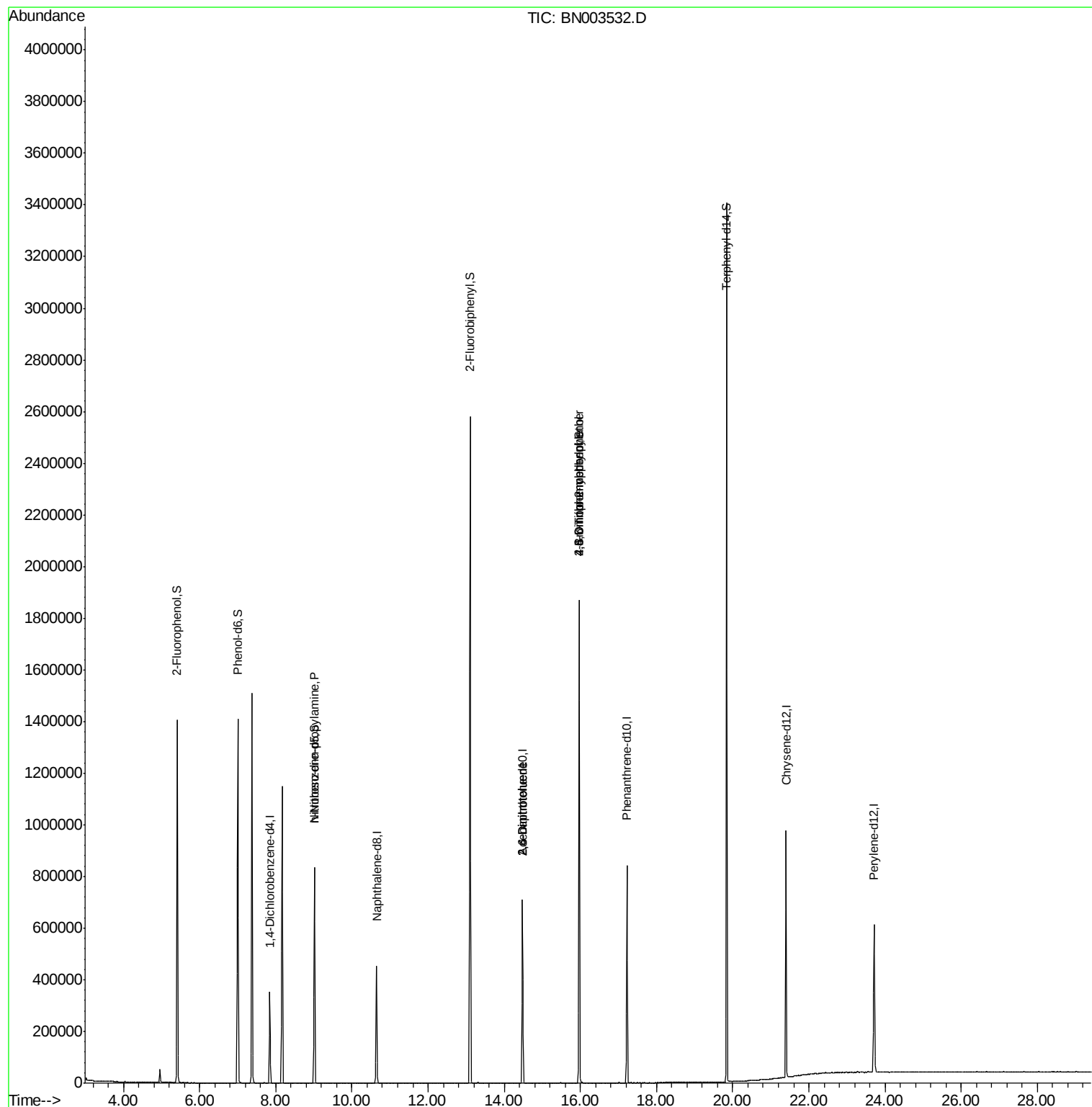
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	96336	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	403508	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	236519	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	493393	20.00	ng	0.00
76) Chrysene-d12	21.40	240	416680	20.00	ng	0.00
87) Perylene-d12	23.71	264	435949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	646078	120.96	ng	0.00
7) Phenol-d6	7.00	99	855488	115.48	ng	0.00
23) Nitrobenzene-d5	9.02	82	482999	75.35	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	375346	106.45	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1362058	76.87	ng	0.00
79) Terphenyl-d14	19.84	244	1668216	78.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	61245	12.280	ng	# 75
51) 2,6-Dinitrotoluene	14.48	165	30422	7.034	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	30422	5.204	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	550	5.082	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	24198	3.888	ng	# 1

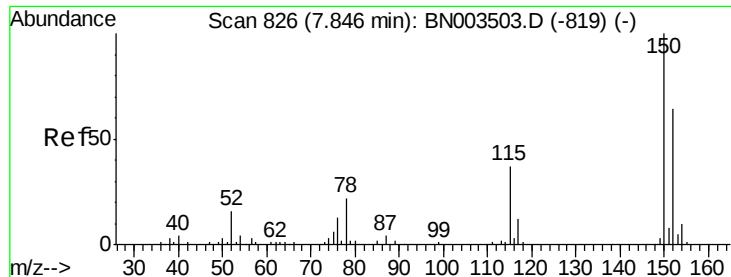
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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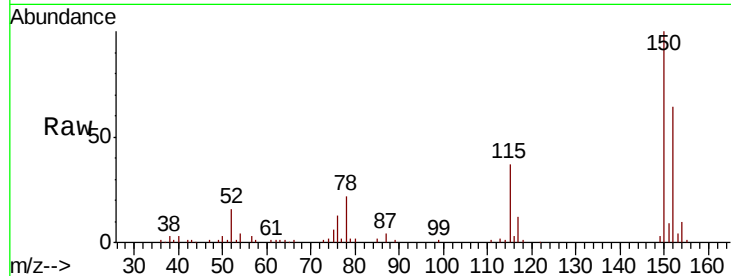


#1

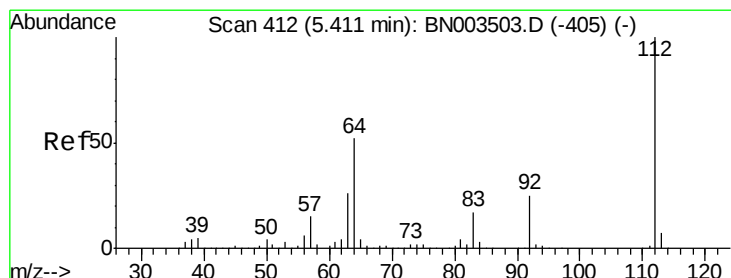
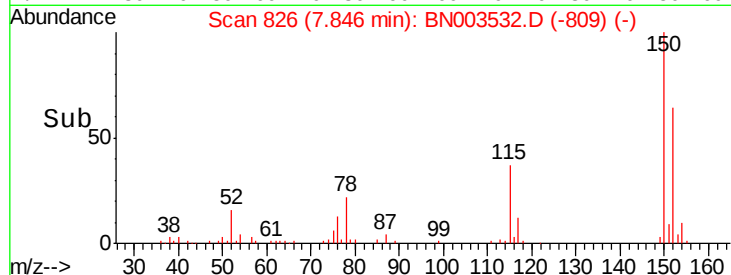
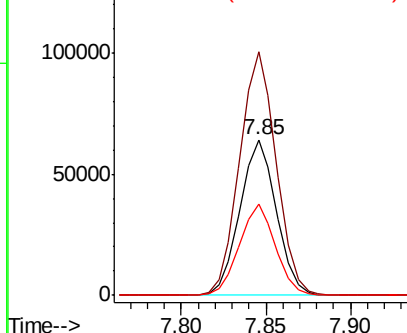
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.00 min
Lab File: BN003532.D
Acq: 14 Nov 2018 03:08

Instrument :
BNA_N
ClientSampleId :
PB114756BL

Tgt Ion:152 Resp: 96336
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.0
115 58.5 45.9 68.9



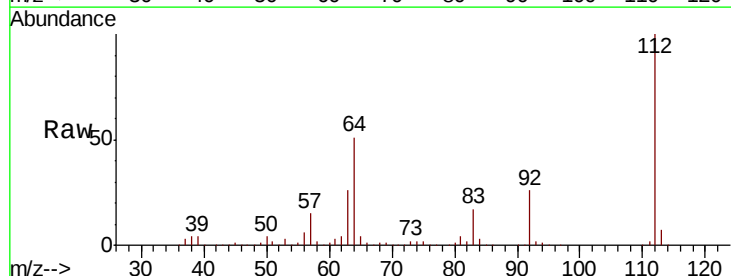
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



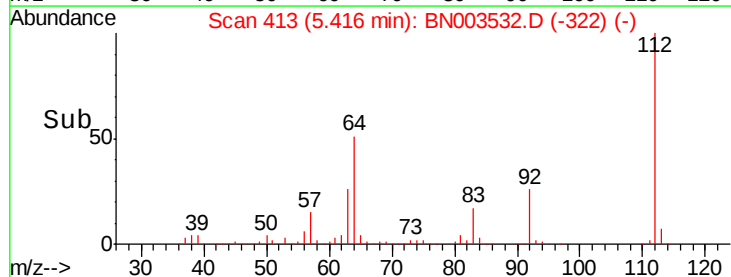
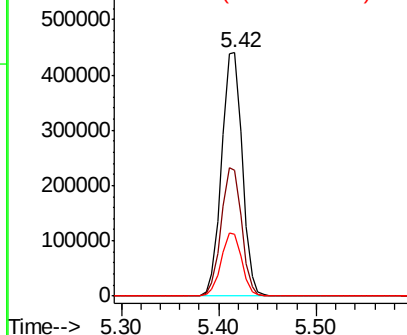
#5

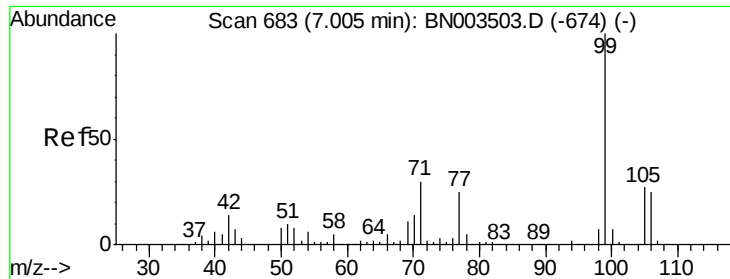
2-Fluorophenol
Concen: 120.957 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003532.D
Acq: 14 Nov 2018 03:08

Tgt Ion:112 Resp: 646078
Ion Ratio Lower Upper
112 100
64 51.5 41.4 62.2
63 25.6 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: 115.485 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN003532.D

Acq: 14 Nov 2018 03:08

Instrument :

BNA_N

ClientSampleId :

PB114756BL

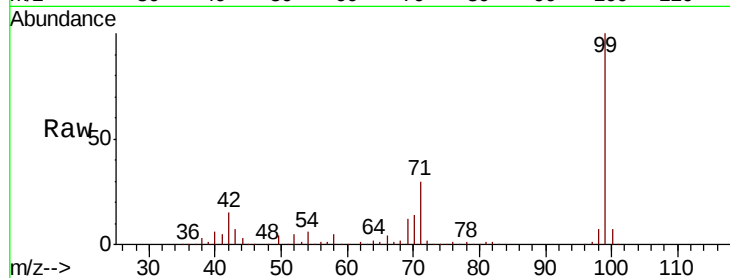
Tgt Ion: 99 Resp: 855488

Ion Ratio Lower Upper

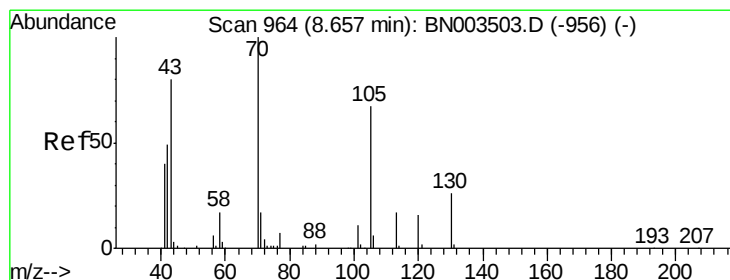
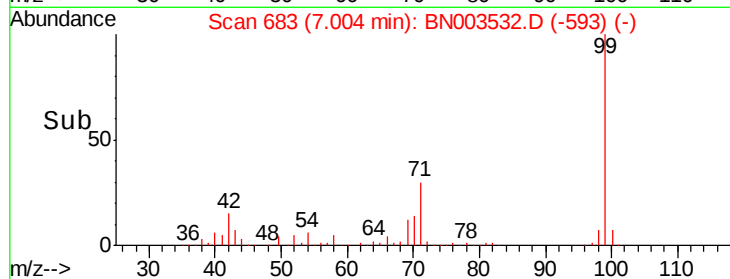
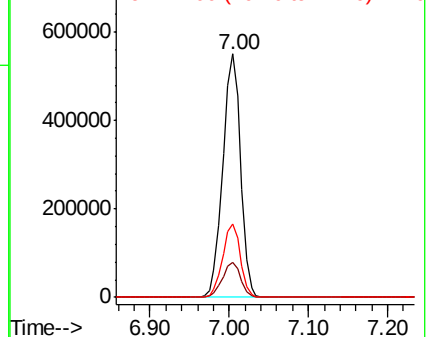
99 100

42 14.6 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: 12.280 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003532.D

Acq: 14 Nov 2018 03:08

Tgt Ion: 70 Resp: 61245

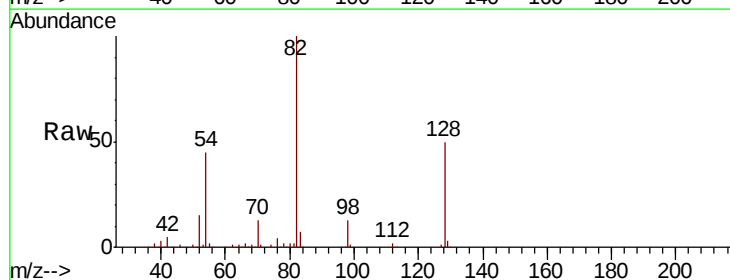
Ion Ratio Lower Upper

70 100

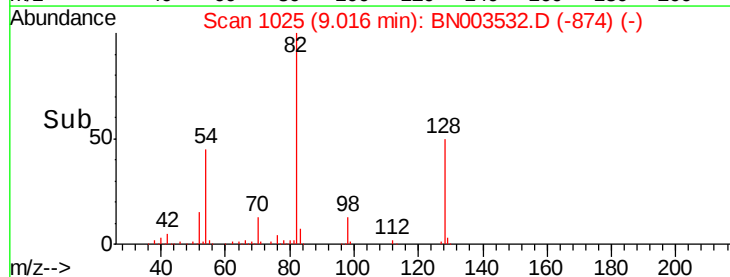
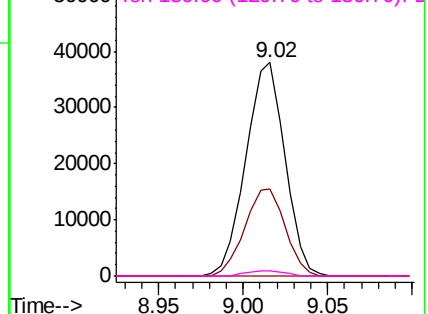
42 40.7 39.7 59.5

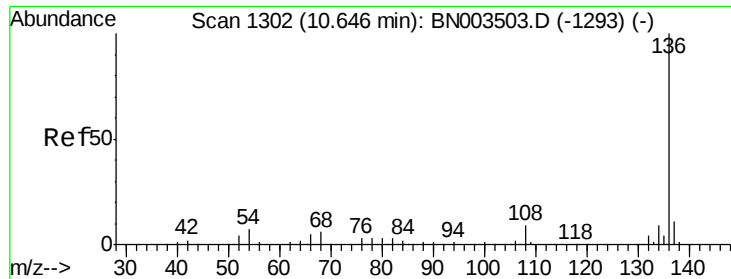
101 0.0 8.8 13.2#

130 2.2 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

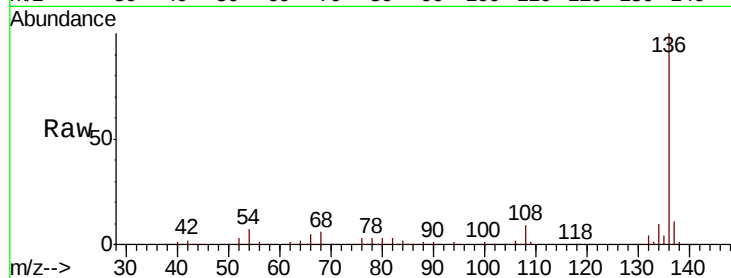




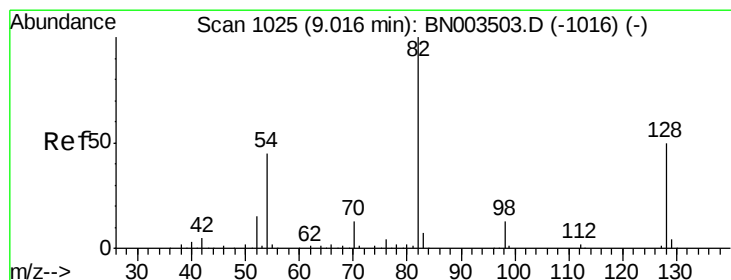
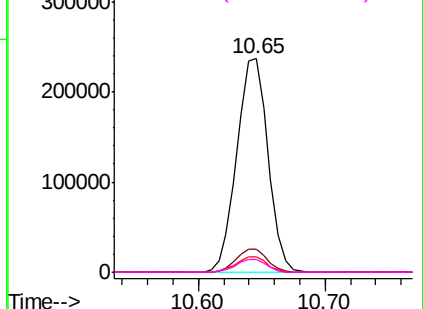
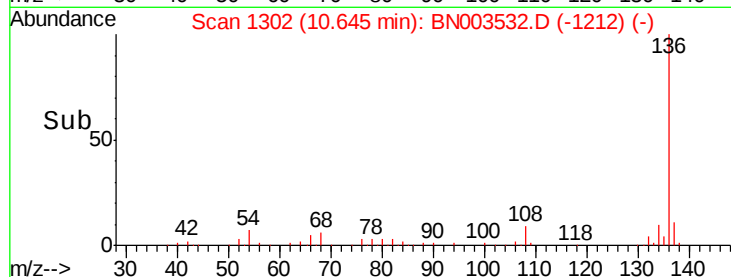
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN003532.D
Acq: 14 Nov 2018 03:08

Instrument :
BNA_N
ClientSampleId :
PB114756BL

Tgt Ion:	136	Resp:	403508
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.0	5.7	8.5
68	6.0	4.7	7.1

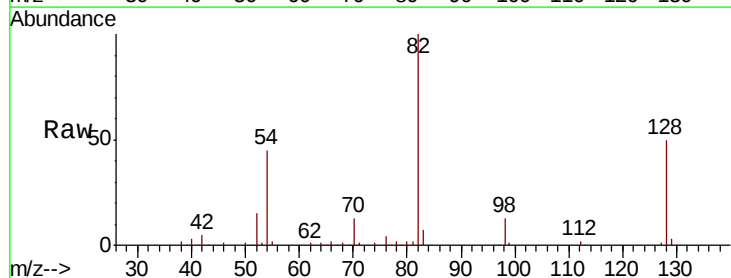


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

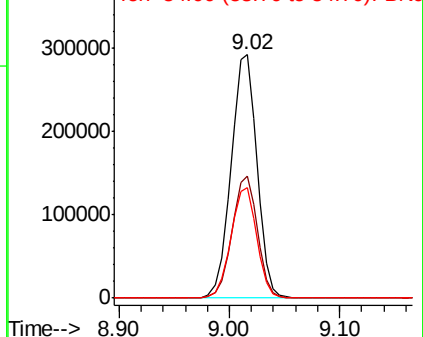
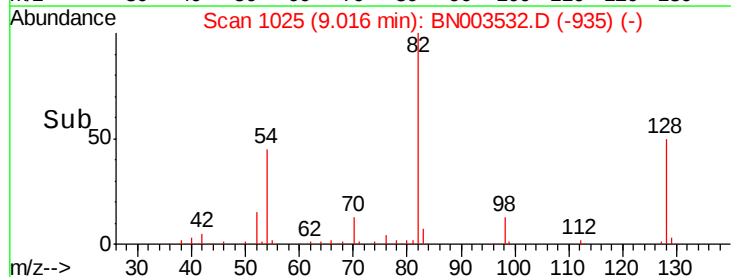


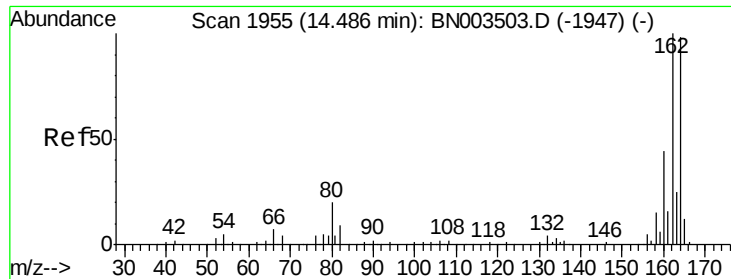
#23
Nitrobenzene-d5
Concen: 75.347 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003532.D
Acq: 14 Nov 2018 03:08

Tgt Ion:	82	Resp:	482999
Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.0	60.0
54	45.2	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: BN003532.D

Acq: 14 Nov 2018 03:08

Instrument :

BNA_N

ClientSampleId :

PB114756BL

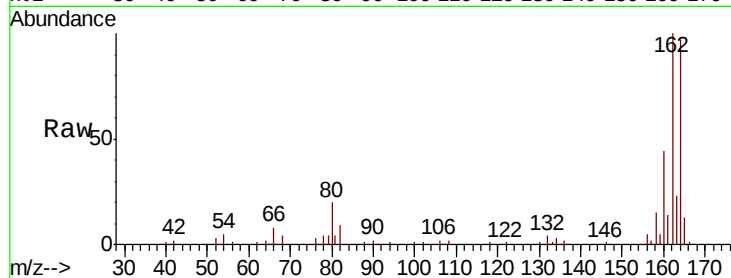
Tgt Ion:164 Resp: 236519

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

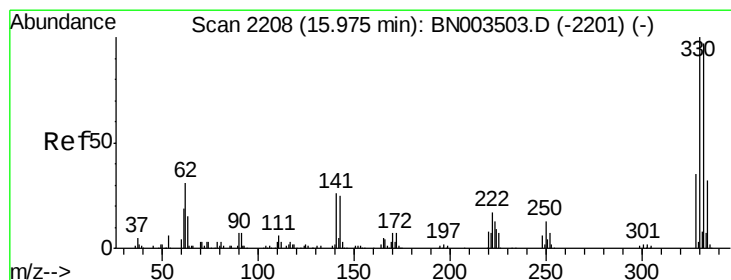
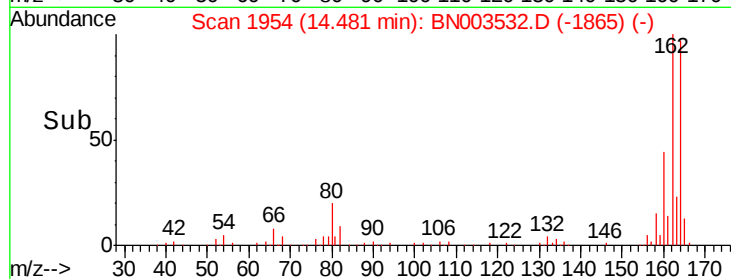
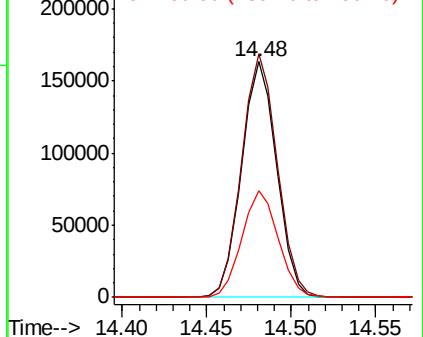
160 45.4 36.2 54.2



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: 106.454 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003532.D

Acq: 14 Nov 2018 03:08

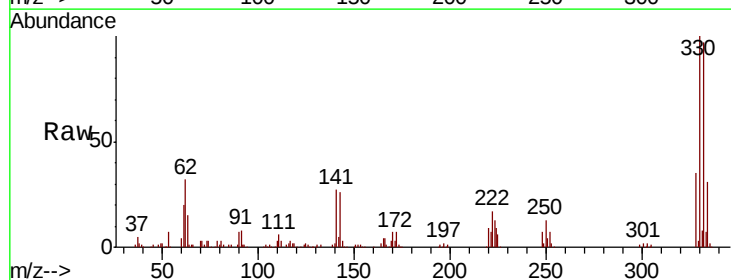
Tgt Ion:330 Resp: 375346

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

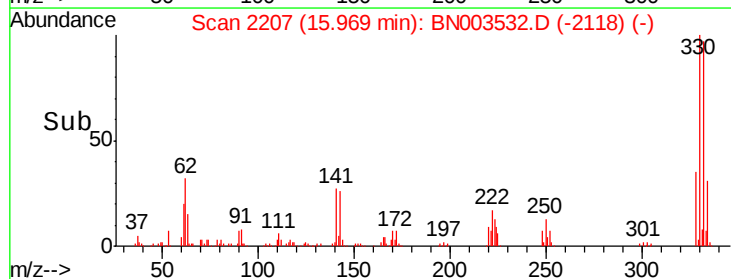
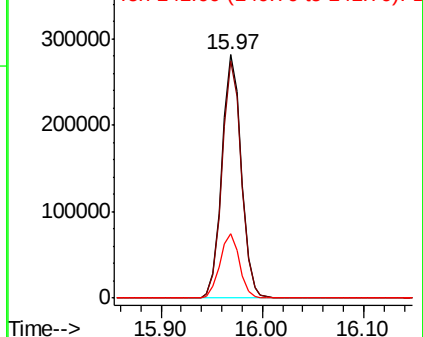
141 26.7 21.6 32.4

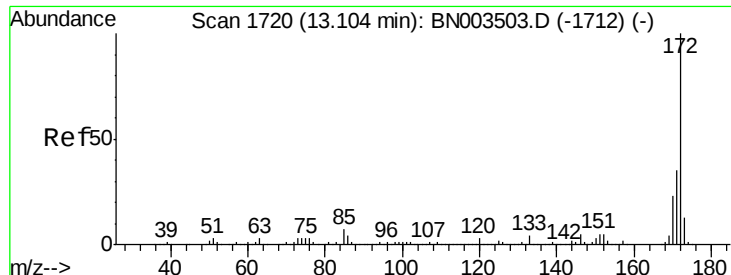


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

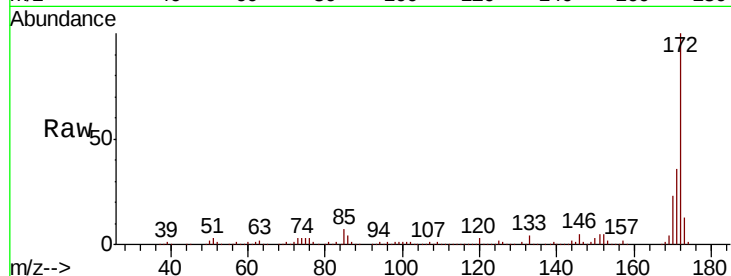




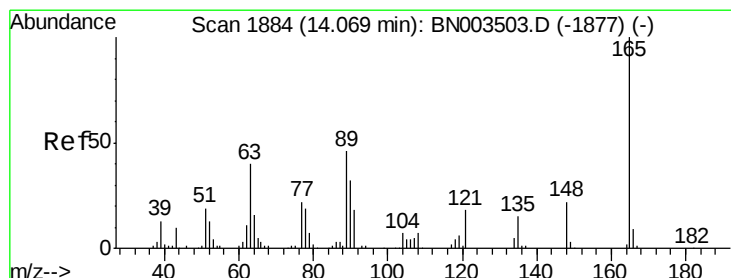
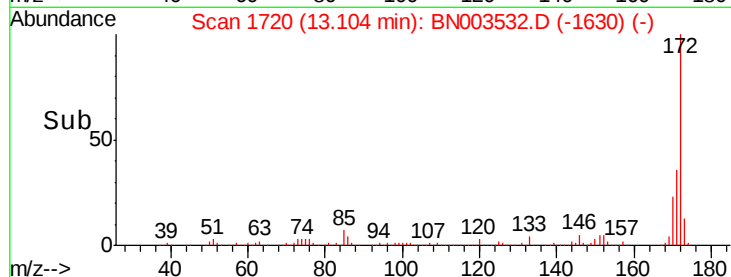
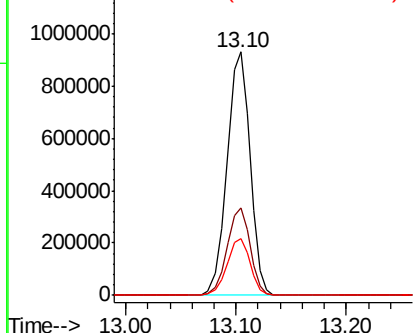
#45
 2-Fluorobiphenyl
 Concen: 76.865 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003532.D
 Acq: 14 Nov 2018 03:08

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BL

Tgt Ion:172 Resp: 1362058
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.3 42.5
 170 23.4 18.7 28.1

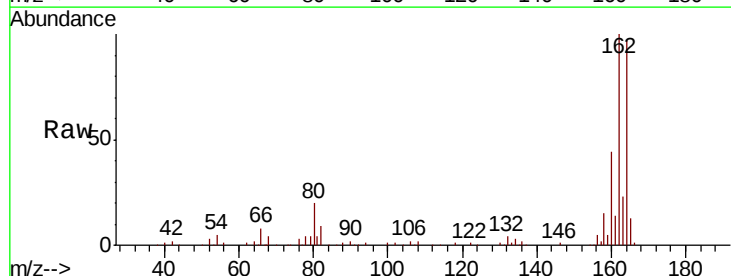


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

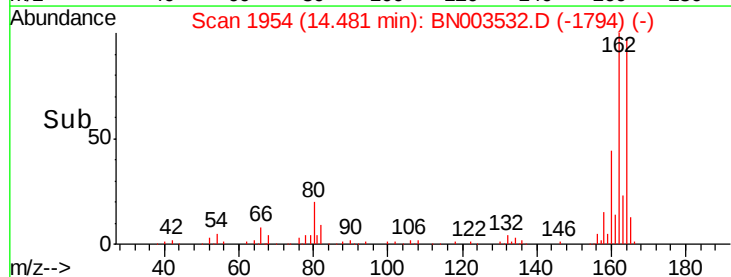
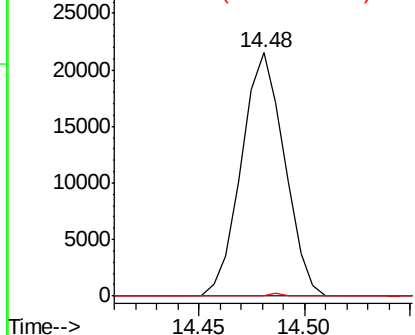


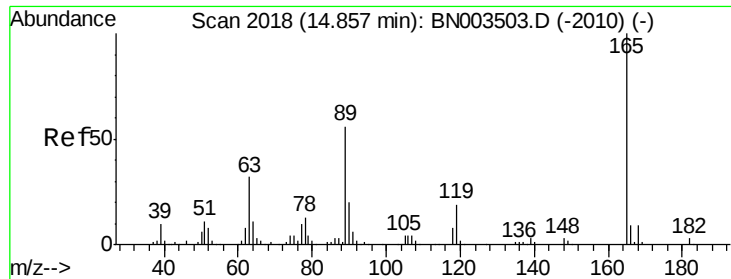
#51
 2,6-Dinitrotoluene
 Concen: 7.034 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003532.D
 Acq: 14 Nov 2018 03:08

Tgt Ion:165 Resp: 30422
 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

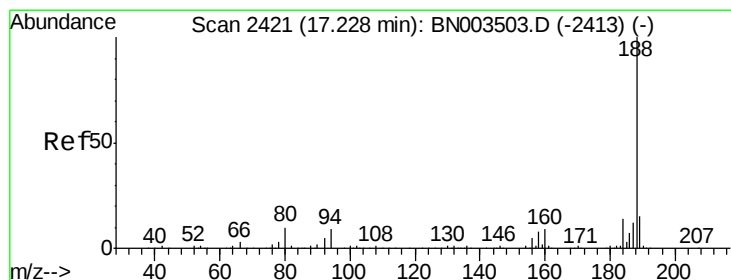
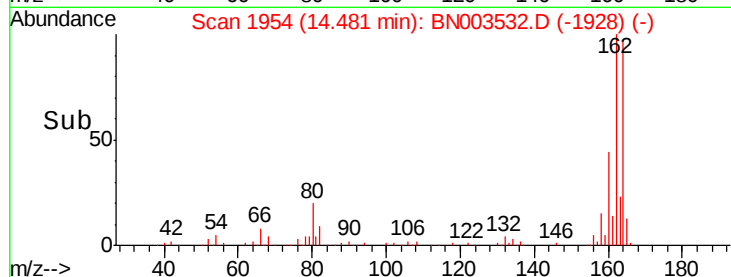
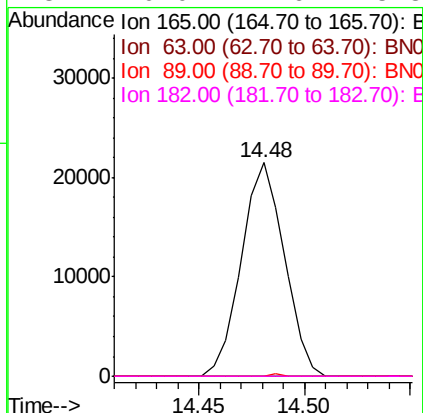
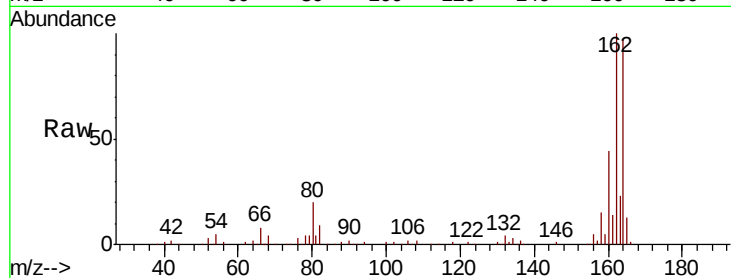




#57
 2,4-Dinitrotoluene
 Concen: 5.204 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003532.D
 Acq: 14 Nov 2018 03:08

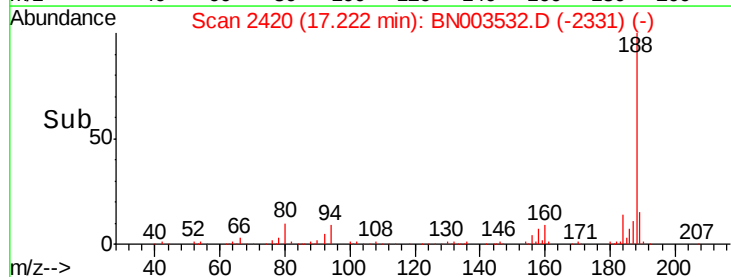
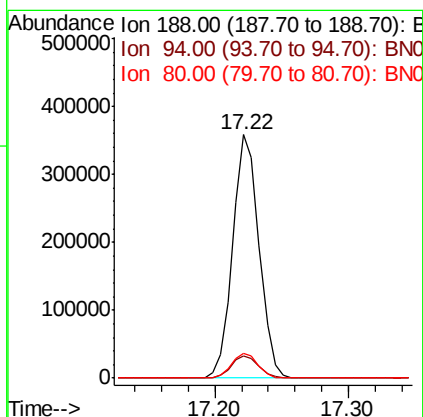
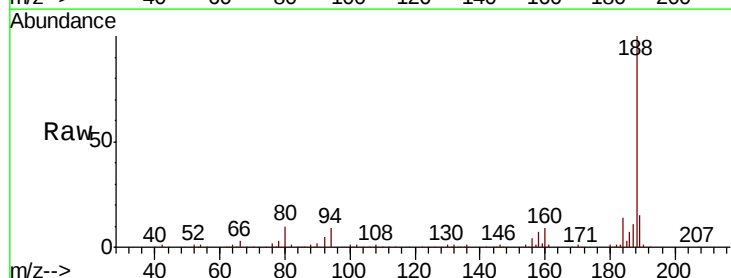
Instrument :
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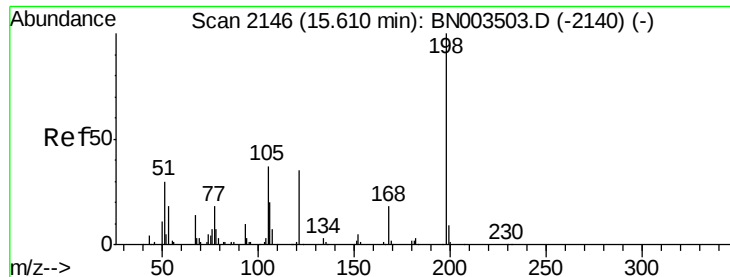
Tgt Ion:	165	Resp:	30422
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.2#
89	0.0	44.7	67.1#
182	0.0	2.6	3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003532.D
 Acq: 14 Nov 2018 03:08

Tgt Ion:	188	Resp:	493393
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	10.3	8.2	12.2

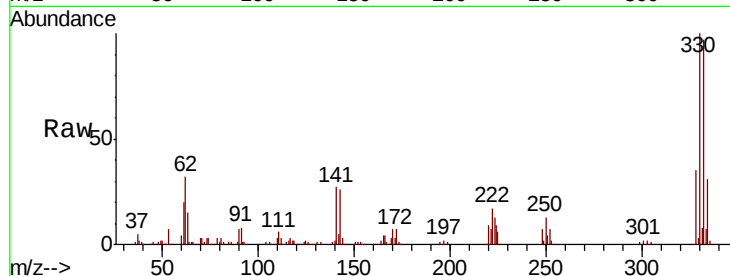




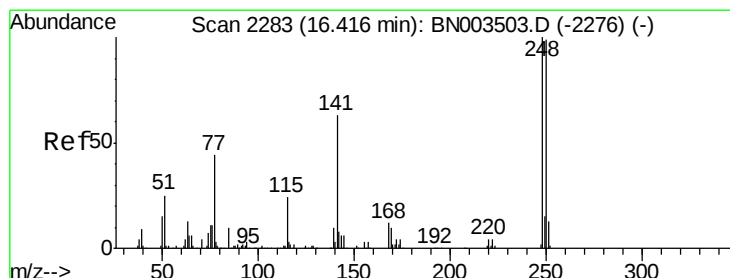
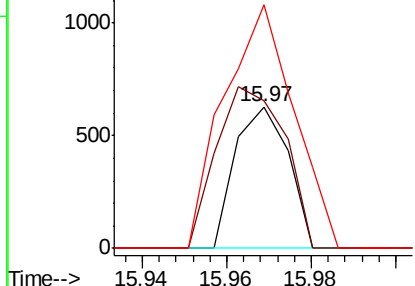
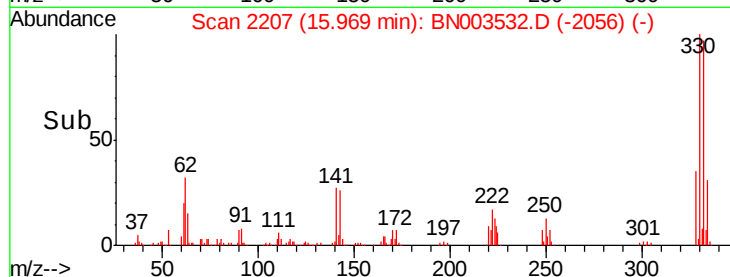
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.082 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. 0.36 min
 Lab File: BN003532.D
 Acq: 14 Nov 2018 03:08

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BL

Tgt Ion:198 Resp: 550
 Ion Ratio Lower Upper
 198 100
 51 104.3 13.8 53.8#
 105 172.2 18.3 58.3#

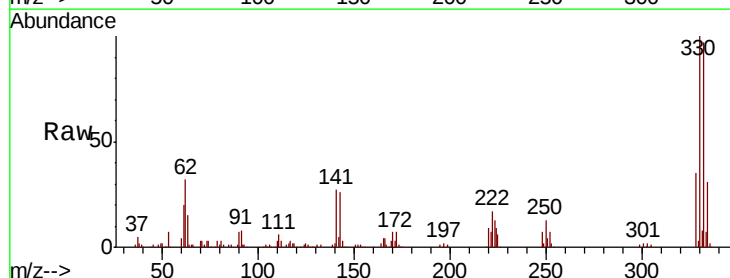


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

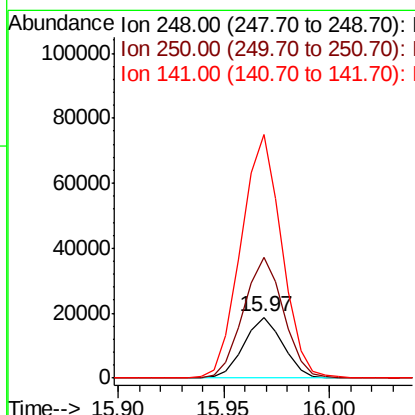
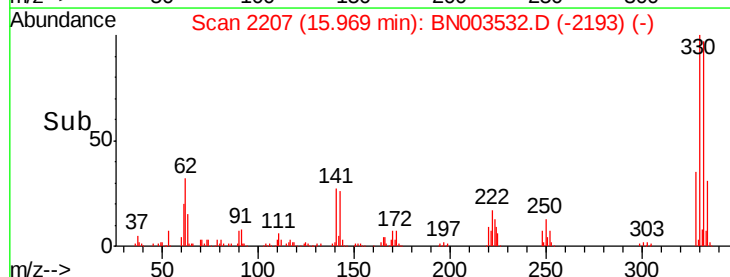


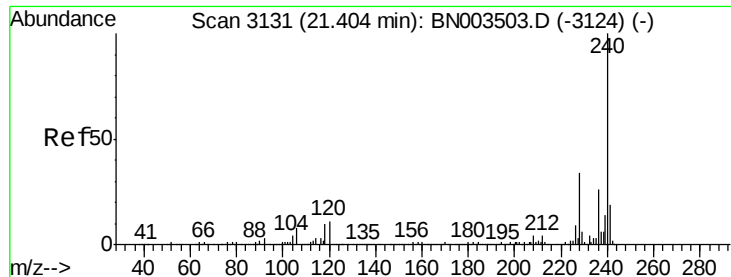
#67
 4-Bromophenyl-phenylether
 Concen: 3.888 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.45 min
 Lab File: BN003532.D
 Acq: 14 Nov 2018 03:08

Tgt Ion:248 Resp: 24198
 Ion Ratio Lower Upper
 248 100
 250 198.5 79.0 118.6#
 141 402.1 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: BN003532.D

Acq: 14 Nov 2018 03:08

Instrument :

BNA_N

ClientSampleId :

PB114756BL

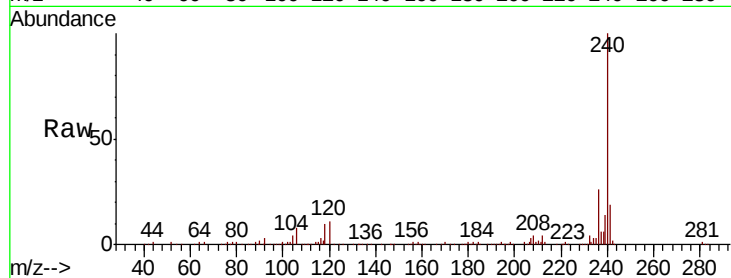
Tgt Ion:240 Resp: 416680

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

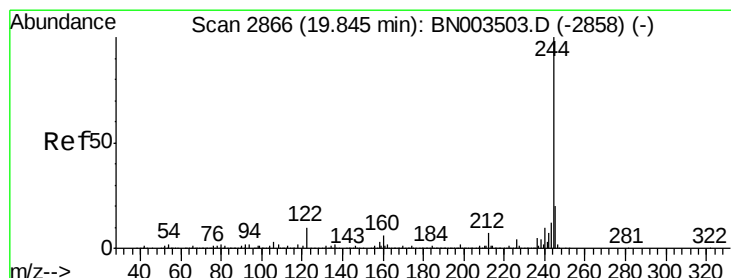
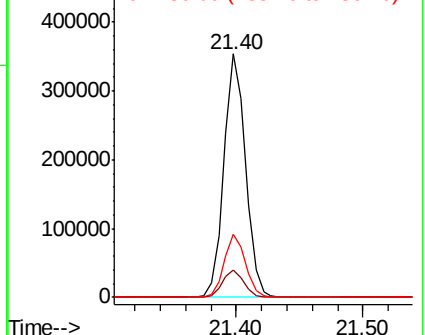
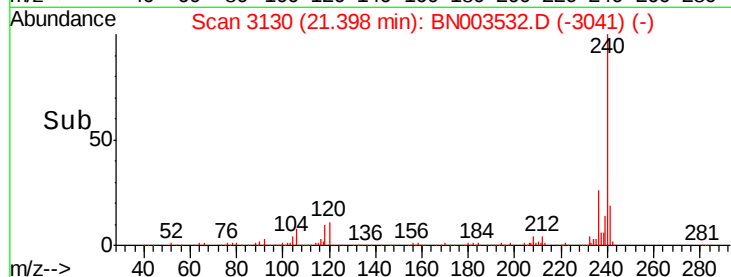
236 26.1 20.6 30.8



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: 78.820 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BN003532.D

Acq: 14 Nov 2018 03:08

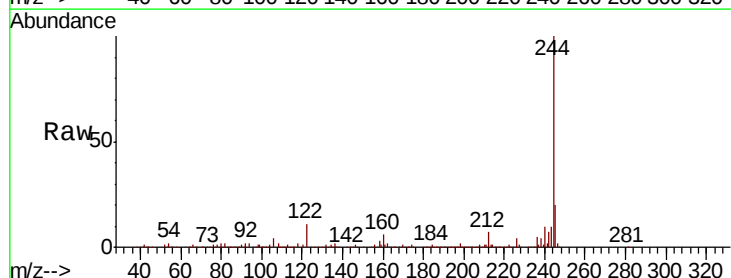
Tgt Ion:244 Resp: 1668216

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

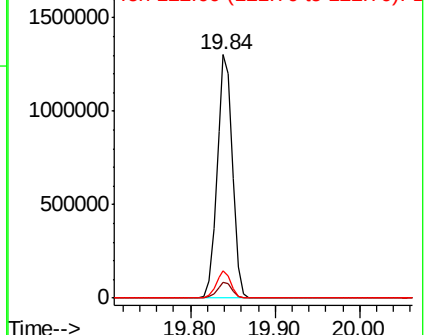
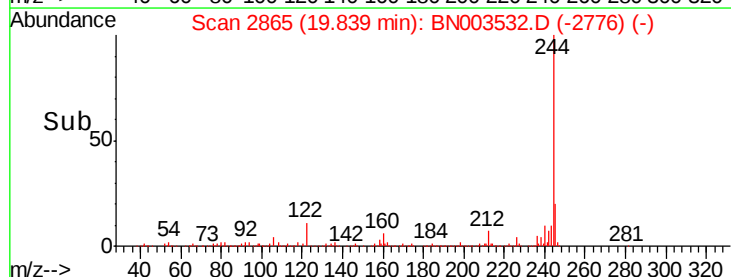
122 10.9 8.2 12.2

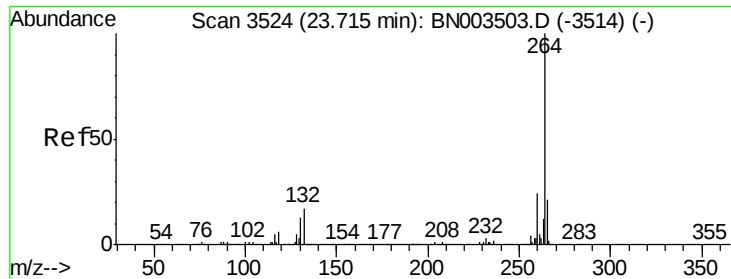


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.71 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BN003532.D
Acq: 14 Nov 2018 03:08

Instrument :
BNA_N
ClientSampleId :
PB114756BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.3	17.2	25.8

