

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003528.D
 Acq On : 14 Nov 2018 00:48
 Operator : MJ/SJ
 Sample : J5916-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110918-JETT-F-U-B

Quant Time: Nov 14 02:54:10 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

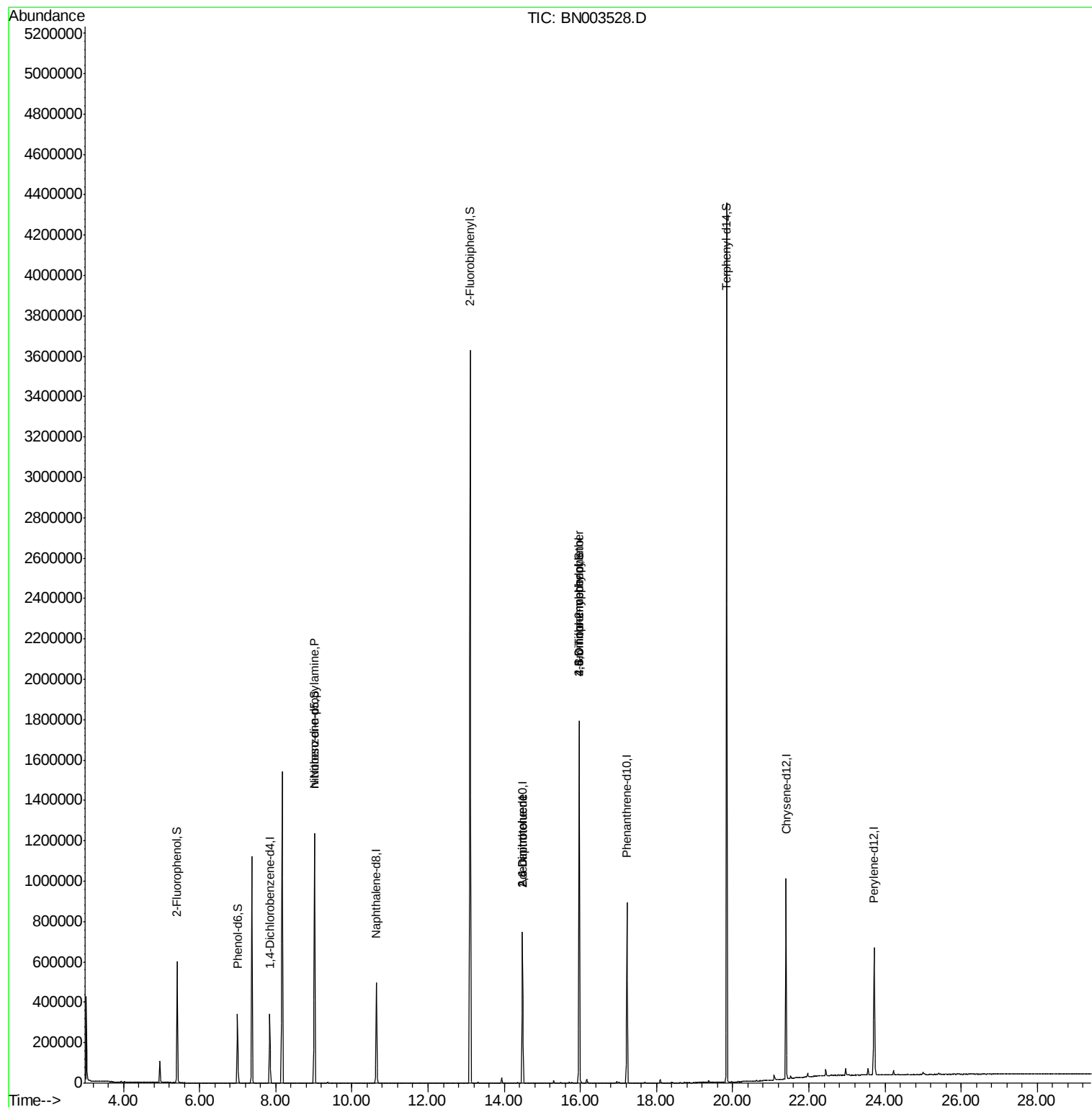
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	97510	20.00	ng	0.00
21) Naphthalene-d8	10.64	136	425242	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	250976	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	526578	20.00	ng	0.00
76) Chrysene-d12	21.40	240	443119	20.00	ng	0.00
87) Perylene-d12	23.72	264	461470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	259793	48.05	ng	0.00
7) Phenol-d6	7.00	99	204332	27.25	ng	0.00
23) Nitrobenzene-d5	9.02	82	701873	103.90	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	360658	96.40	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1934395	102.88	ng	0.00
79) Terphenyl-d14	19.84	244	2150670	95.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	89540	17.737	ng	# 75
51) 2,6-Dinitrotoluene	14.48	165	32308	7.040	ng	# 33
57) 2,4-Dinitrotoluene	14.48	165	32308	5.208	ng	# 34
65) 4,6-Dinitro-2-methylphenol	15.97	198	513	5.063	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	23173	3.489	ng	# 1

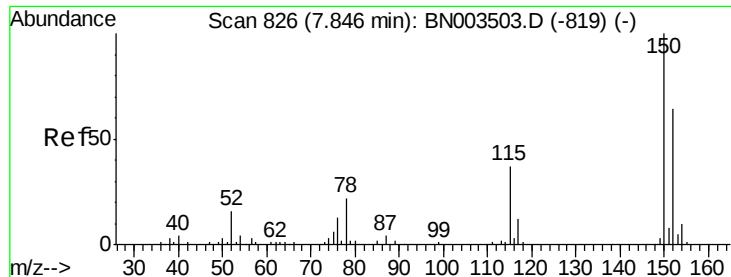
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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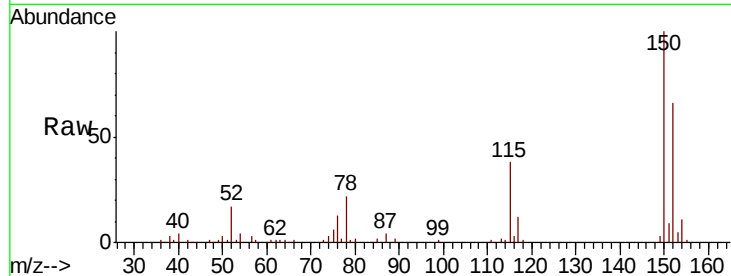


#1

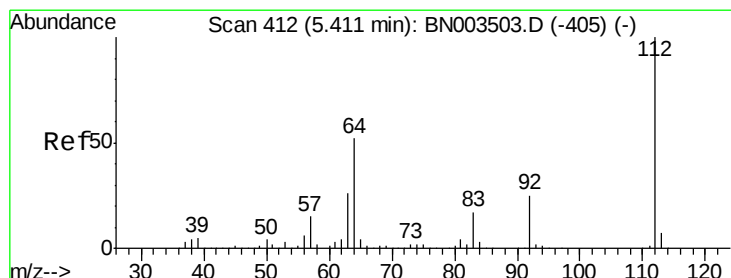
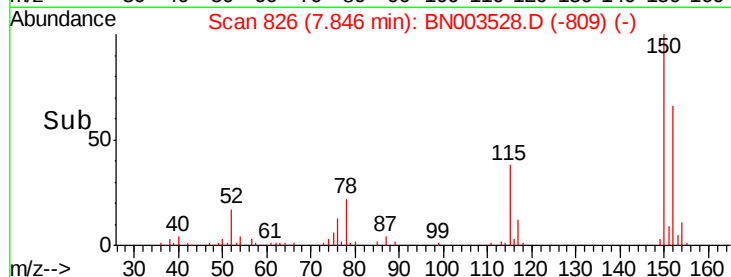
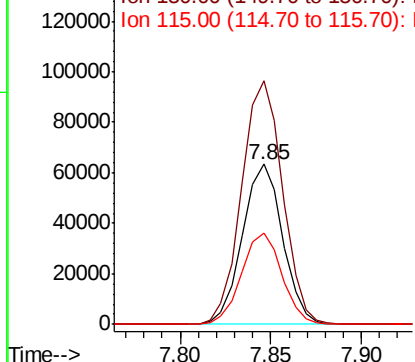
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BN003528.D
Acq: 14 Nov 2018 00:48

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 97510
Ion Ratio Lower Upper
152 100
150 152.1 125.4 188.0
115 57.4 45.9 68.9



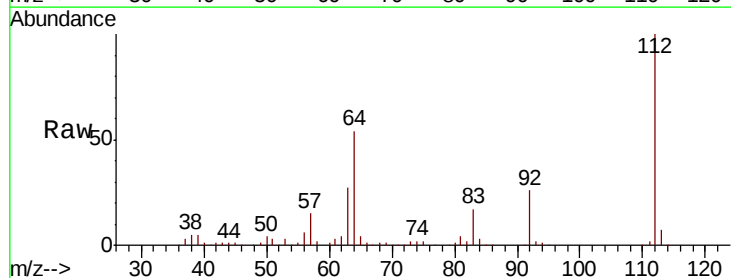
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



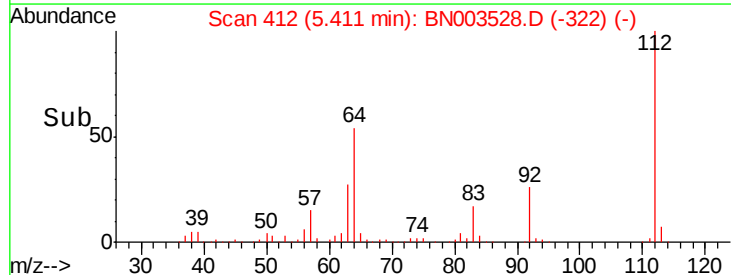
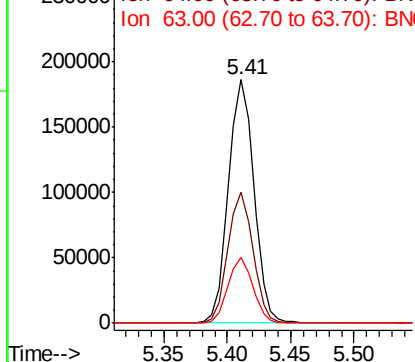
#5

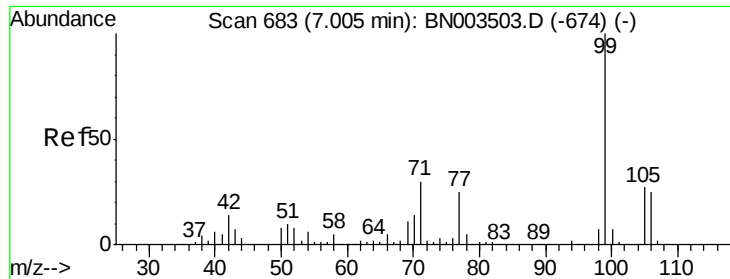
2-Fluorophenol
Concen: 48.052 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.00 min
Lab File: BN003528.D
Acq: 14 Nov 2018 00:48

Tgt Ion:112 Resp: 259793
Ion Ratio Lower Upper
112 100
64 54.0 41.4 62.2
63 26.8 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: 27.251 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003528.D

Acq: 14 Nov 2018 00:48

Instrument :

BNA_N

ClientSampleId :

110918-JETT-F-U-B

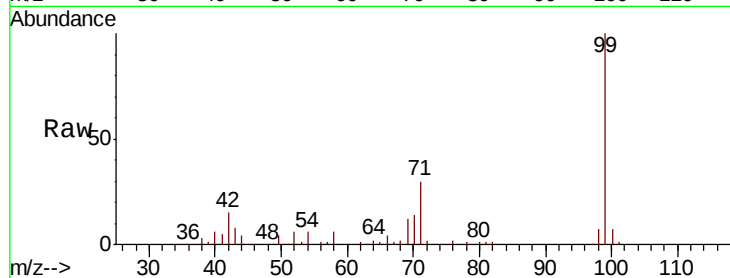
Tgt Ion: 99 Resp: 204332

Ion Ratio Lower Upper

99 100

42 14.8 11.6 17.4

71 30.4 24.2 36.2

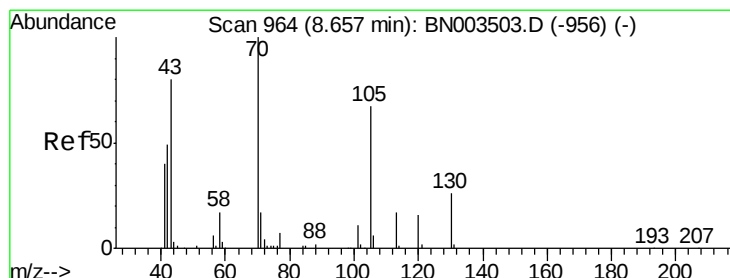
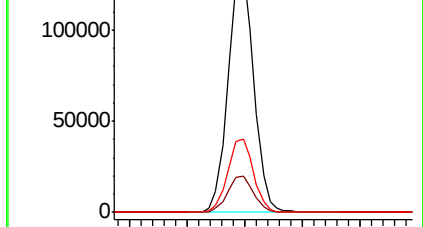
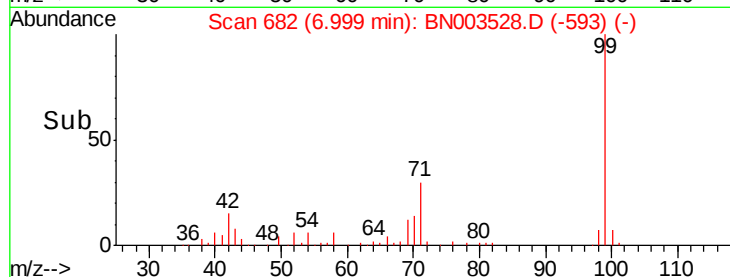


Abundance Ion 99.00 (98.70 to 99.70): BN003503.D (-674) (-)

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

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

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.737 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003528.D

Acq: 14 Nov 2018 00:48

Tgt Ion: 70 Resp: 89540

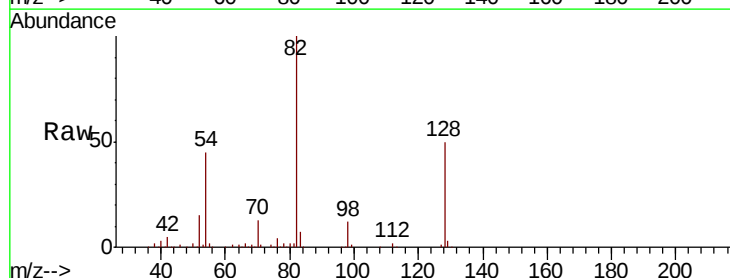
Ion Ratio Lower Upper

70 100

42 40.6 39.7 59.5

101 0.0 8.8 13.2#

130 2.5 20.8 31.2#



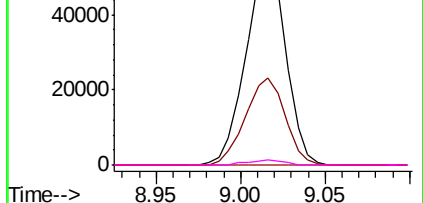
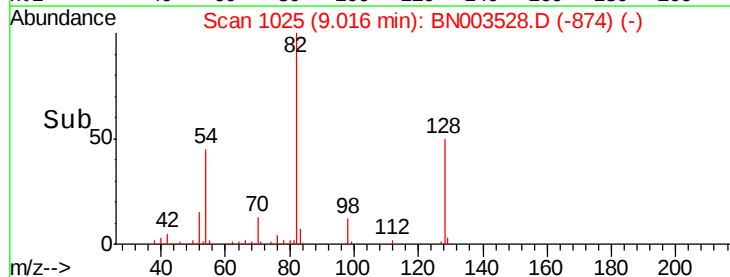
Abundance Ion 70.00 (69.70 to 70.70): BN003503.D (-956) (-)

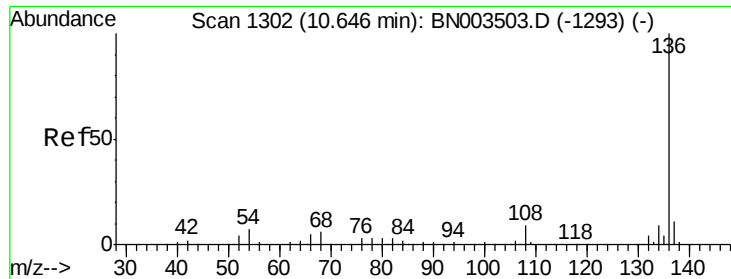
Ion 42.00 (41.70 to 42.70): BN003503.D (-956) (-)

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

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

Time-->

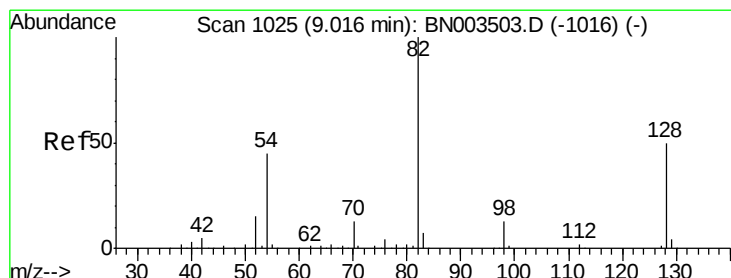
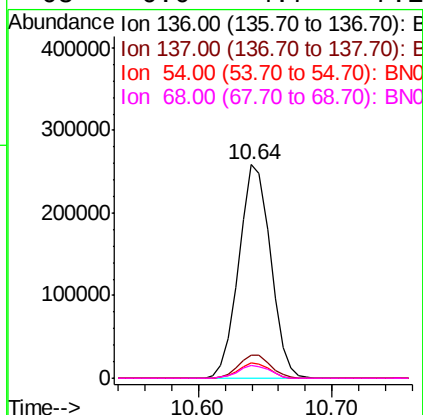
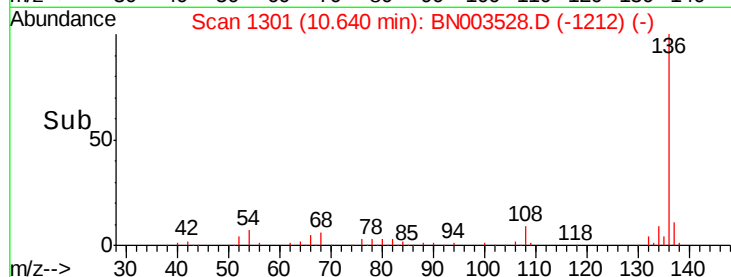
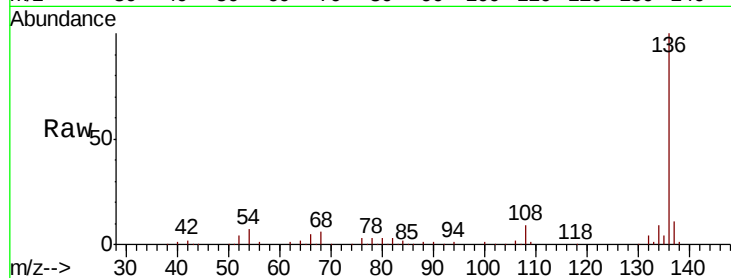




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN003528.D
Acq: 14 Nov 2018 00:48

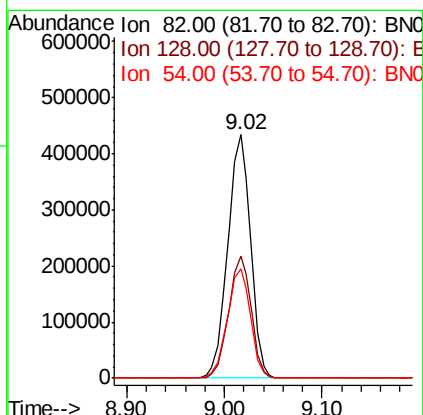
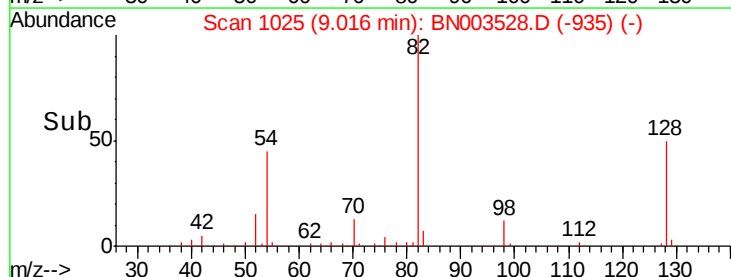
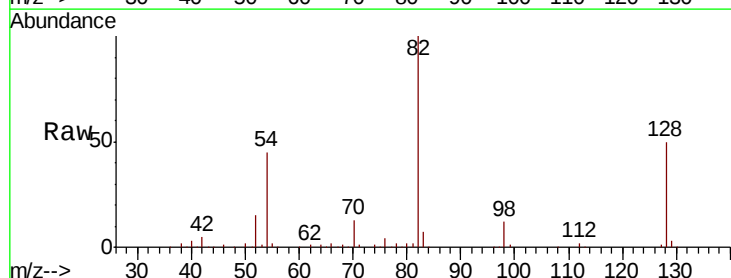
Instrument :
BNA_N
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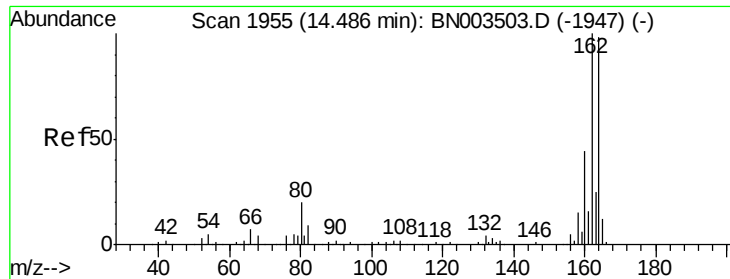
Tgt Ion:	136	Resp:	425242
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	5.7	8.5
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 103.895 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003528.D
Acq: 14 Nov 2018 00:48

Tgt Ion:	82	Resp:	701873
Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.0	60.0
54	44.7	36.1	54.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003528.D

Acq: 14 Nov 2018 00:48

Instrument :

BNA_N

ClientSampleId :

110918-JETT-F-U-B

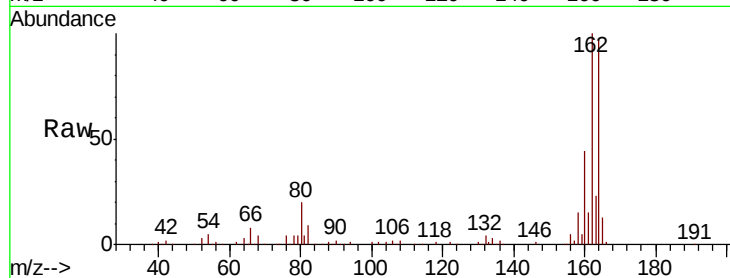
Tgt Ion:164 Resp: 250976

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

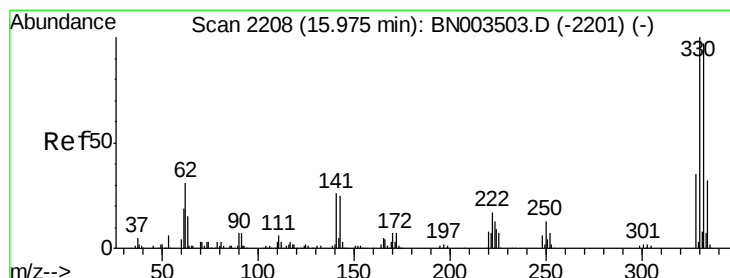
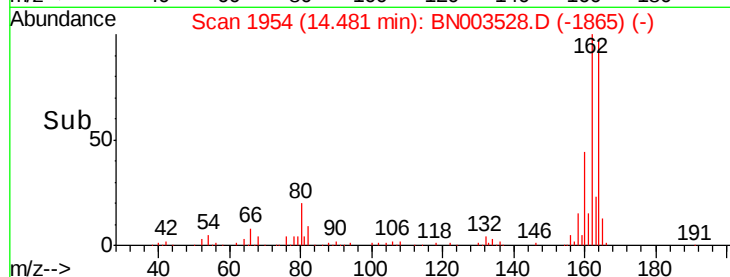
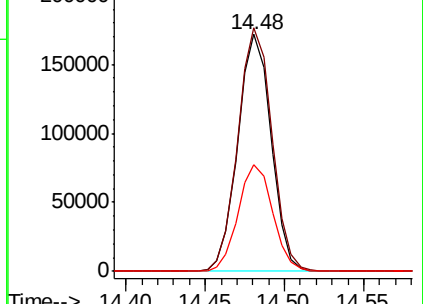
160 45.1 36.2 54.2



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: 96.396 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003528.D

Acq: 14 Nov 2018 00:48

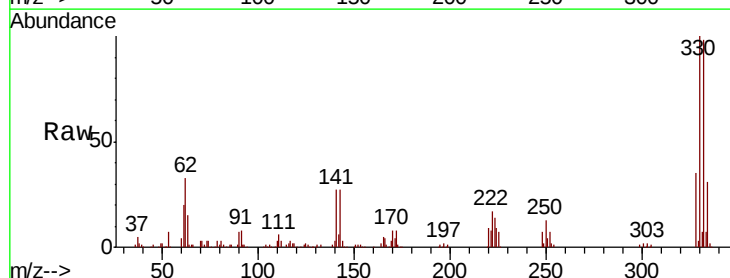
Tgt Ion:330 Resp: 360658

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

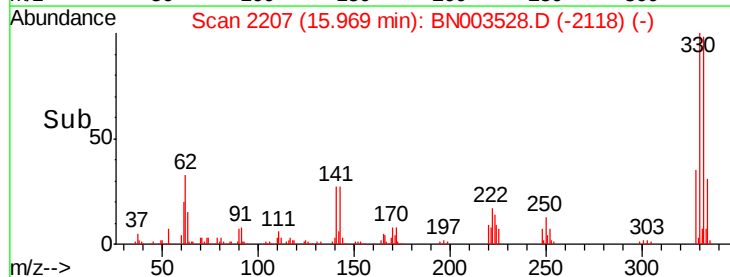
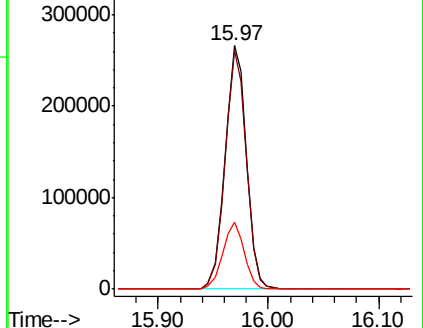
141 27.3 21.6 32.4

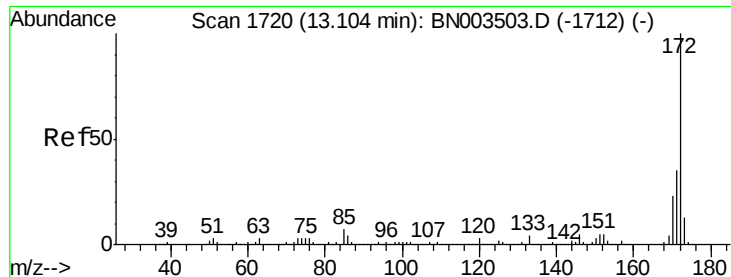


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

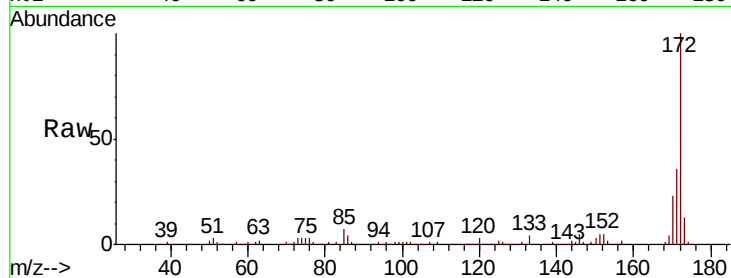




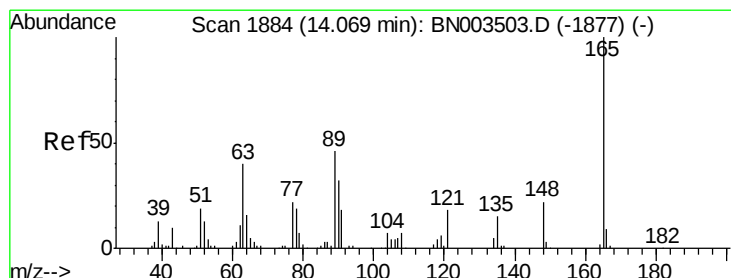
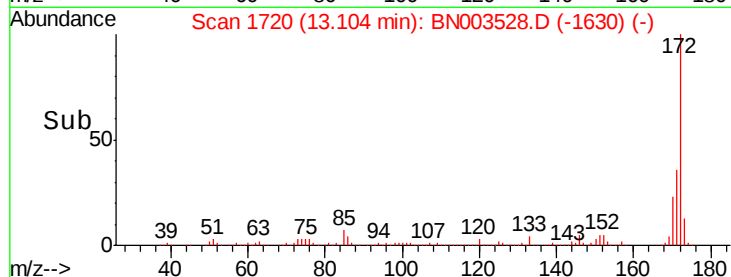
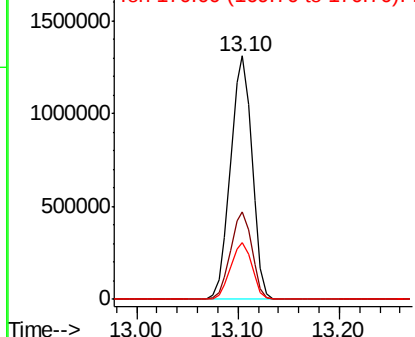
#45
 2-Fluorobiphenyl
 Concen: 102.876 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003528.D
 Acq: 14 Nov 2018 00:48

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Tgt Ion:172 Resp: 1934395
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 23.4 18.7 28.1

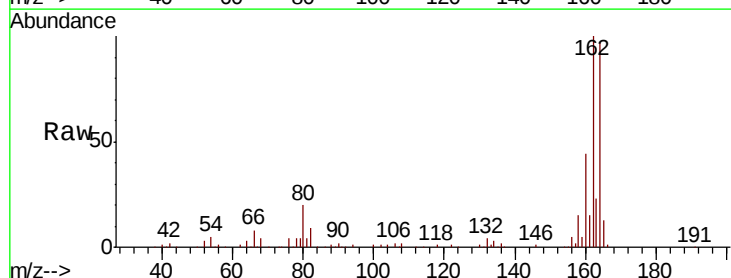


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

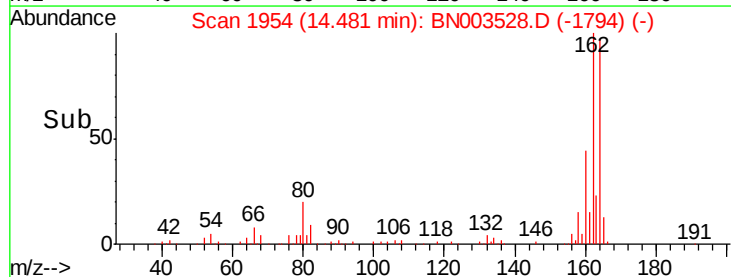
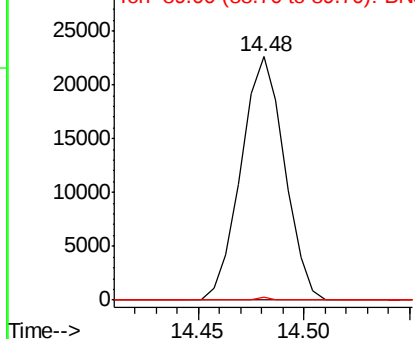


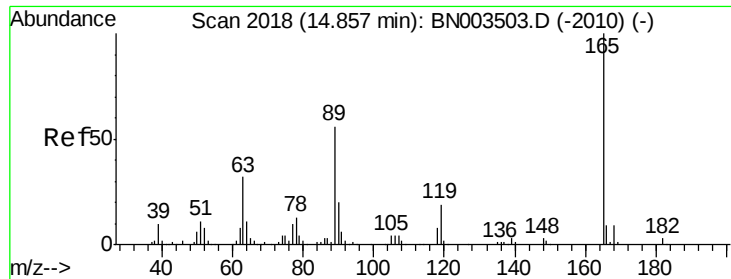
#51
 2,6-Dinitrotoluene
 Concen: 7.040 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003528.D
 Acq: 14 Nov 2018 00:48

Tgt Ion:165 Resp: 32308
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 1.4 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

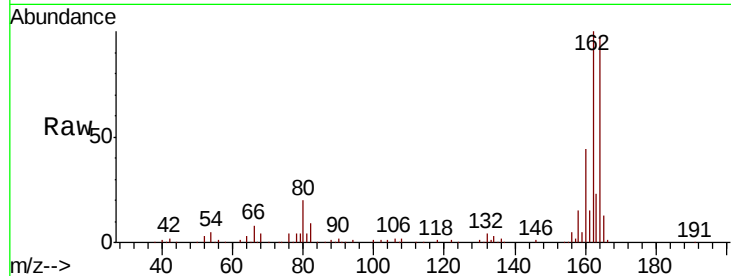




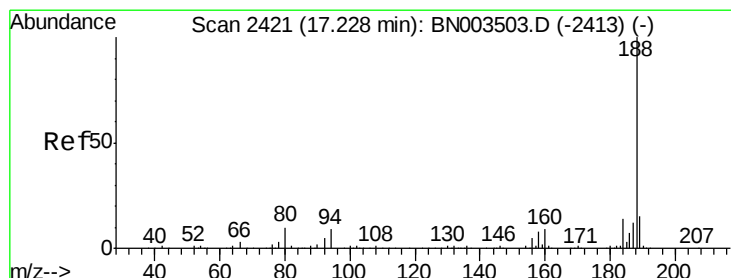
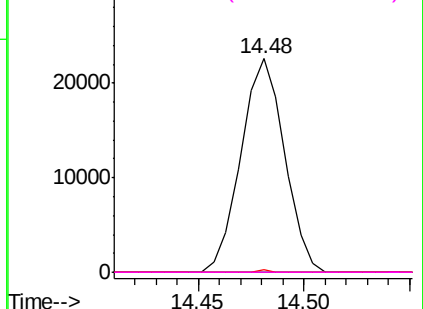
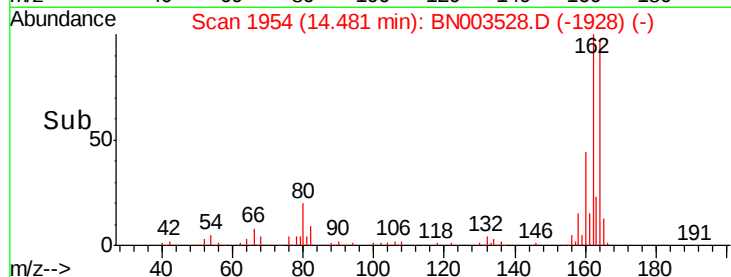
#57
 2,4-Dinitrotoluene
 Concen: 5.208 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003528.D
 Acq: 14 Nov 2018 00:48

Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.2#
89	1.4	44.7	67.1#
182	0.0	2.6	3.8#

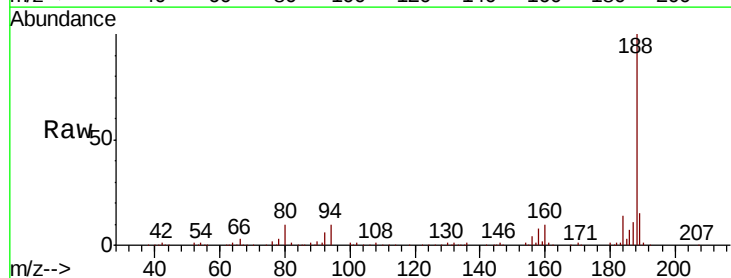


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

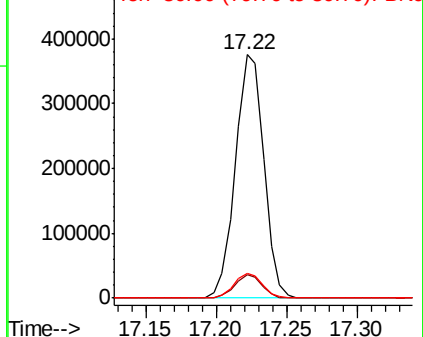
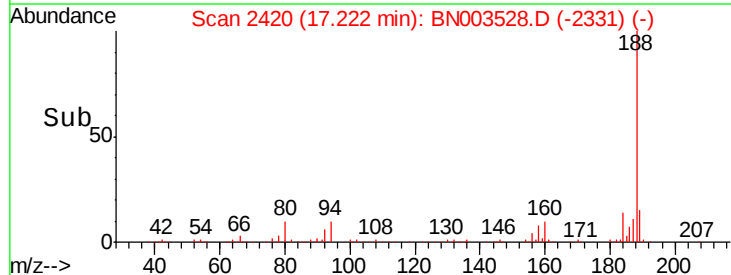


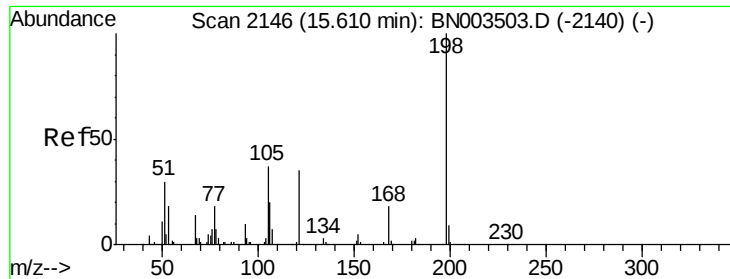
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003528.D
 Acq: 14 Nov 2018 00:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	10.2	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

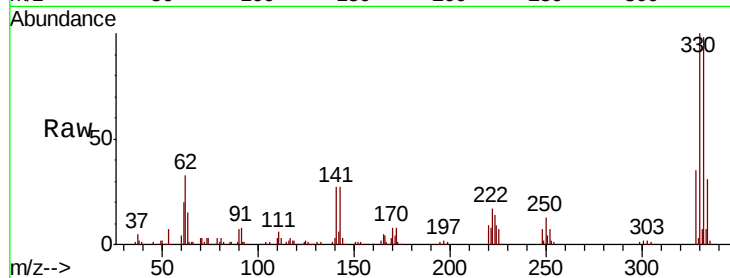




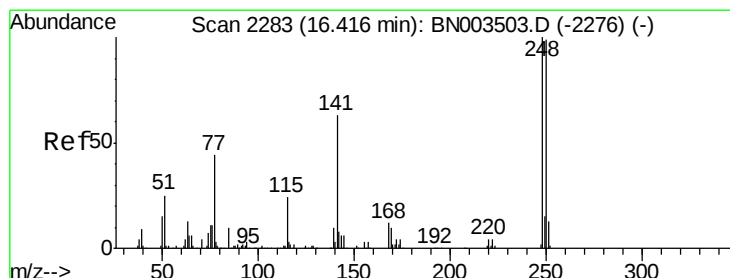
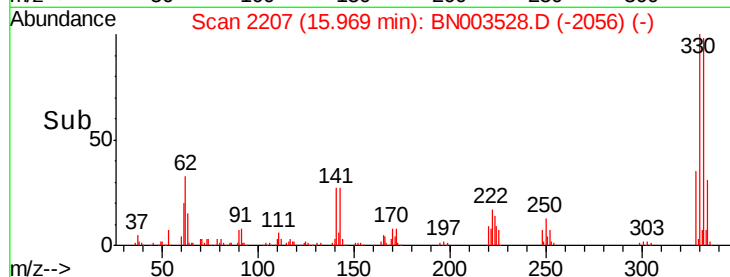
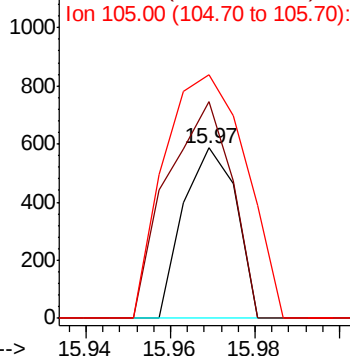
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.063 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. 0.36 min
 Lab File: BN003528.D
 Acq: 14 Nov 2018 00:48

Instrument :
 BNA_N
 ClientSampleId :
 110918-JETT-F-U-B

Tgt Ion:198 Resp: 513
 Ion Ratio Lower Upper
 198 100
 51 127.5 13.8 53.8#
 105 143.0 18.3 58.3#

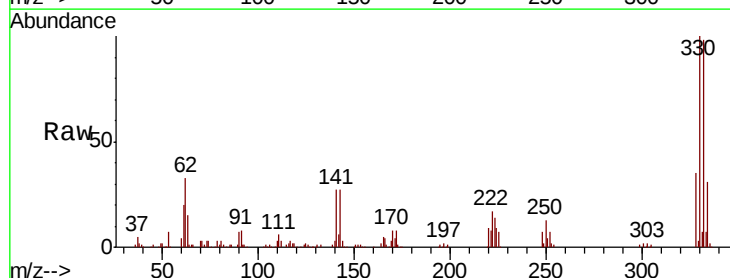


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

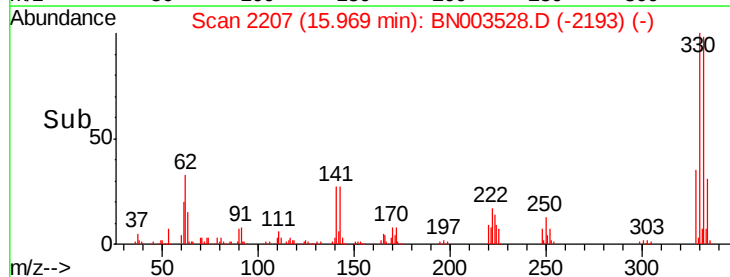
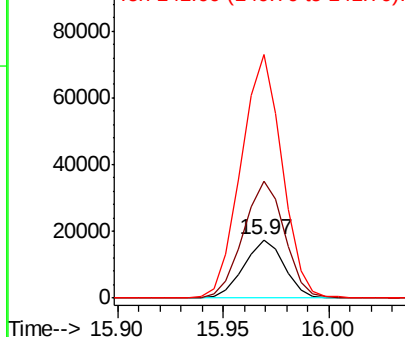


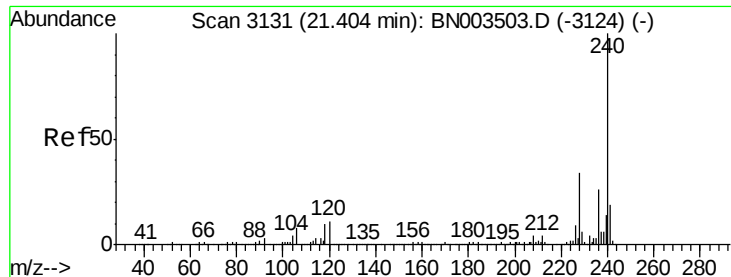
#67
 4-Bromophenyl-phenylether
 Concen: 3.489 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.45 min
 Lab File: BN003528.D
 Acq: 14 Nov 2018 00:48

Tgt Ion:248 Resp: 23173
 Ion Ratio Lower Upper
 248 100
 250 201.0 79.0 118.6#
 141 418.6 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

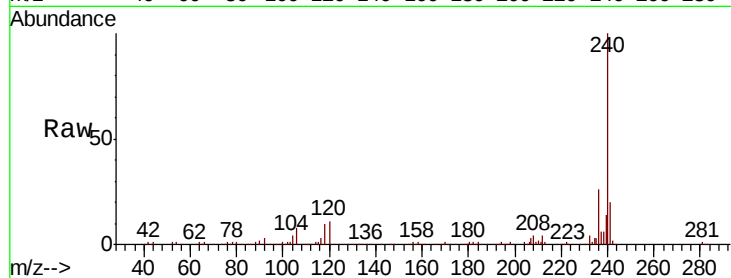




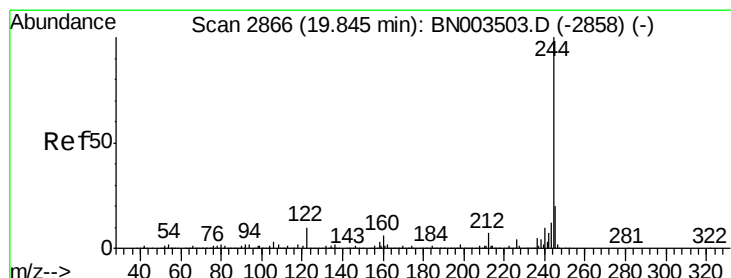
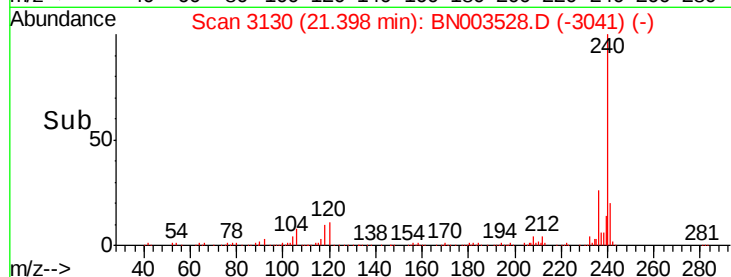
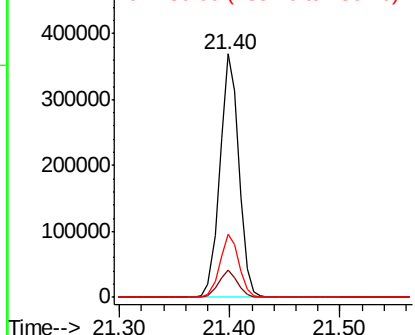
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BN003528.D
Acq: 14 Nov 2018 00:48

Instrument :
BNA_N
ClientSampleId :
110918-JETT-F-U-B

Tgt Ion:240 Resp: 443119
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.9 20.6 30.8

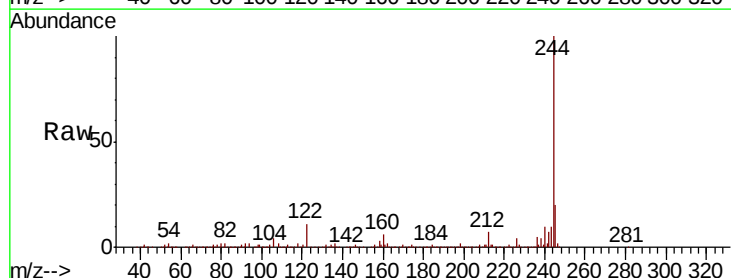


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

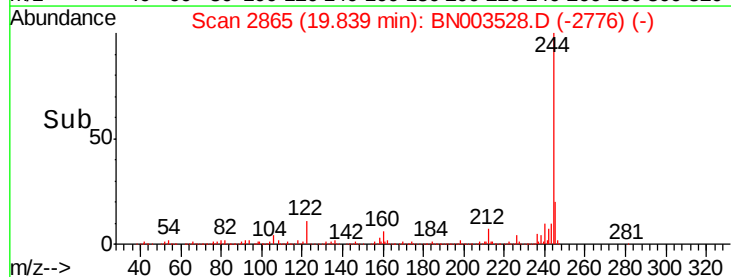
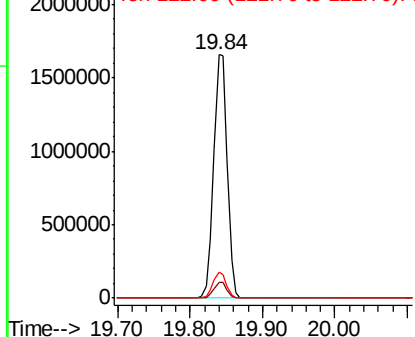


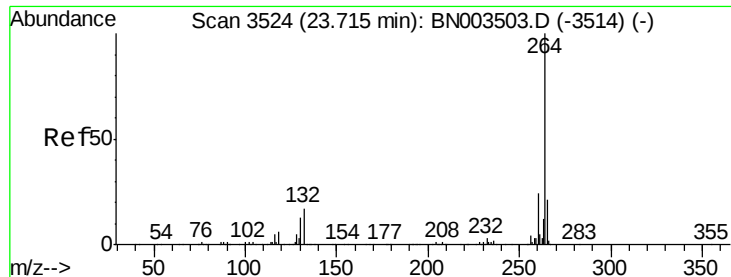
#79
Terphenyl-d14
Concen: 95.552 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BN003528.D
Acq: 14 Nov 2018 00:48

Tgt Ion:244 Resp: 2150670
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: BN003528.D
Acq: 14 Nov 2018 00:48

Instrument :
BNA_N
ClientSampleId :
110918-JETT-F-U-B

Tgt Ion: 264 Resp: 461470
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.1 17.2 25.8

