

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003522.D
 Acq On : 13 Nov 2018 21:17
 Operator : MJ/SJ
 Sample : J5908-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SR-2-S

Quant Time: Nov 14 01:11:35 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

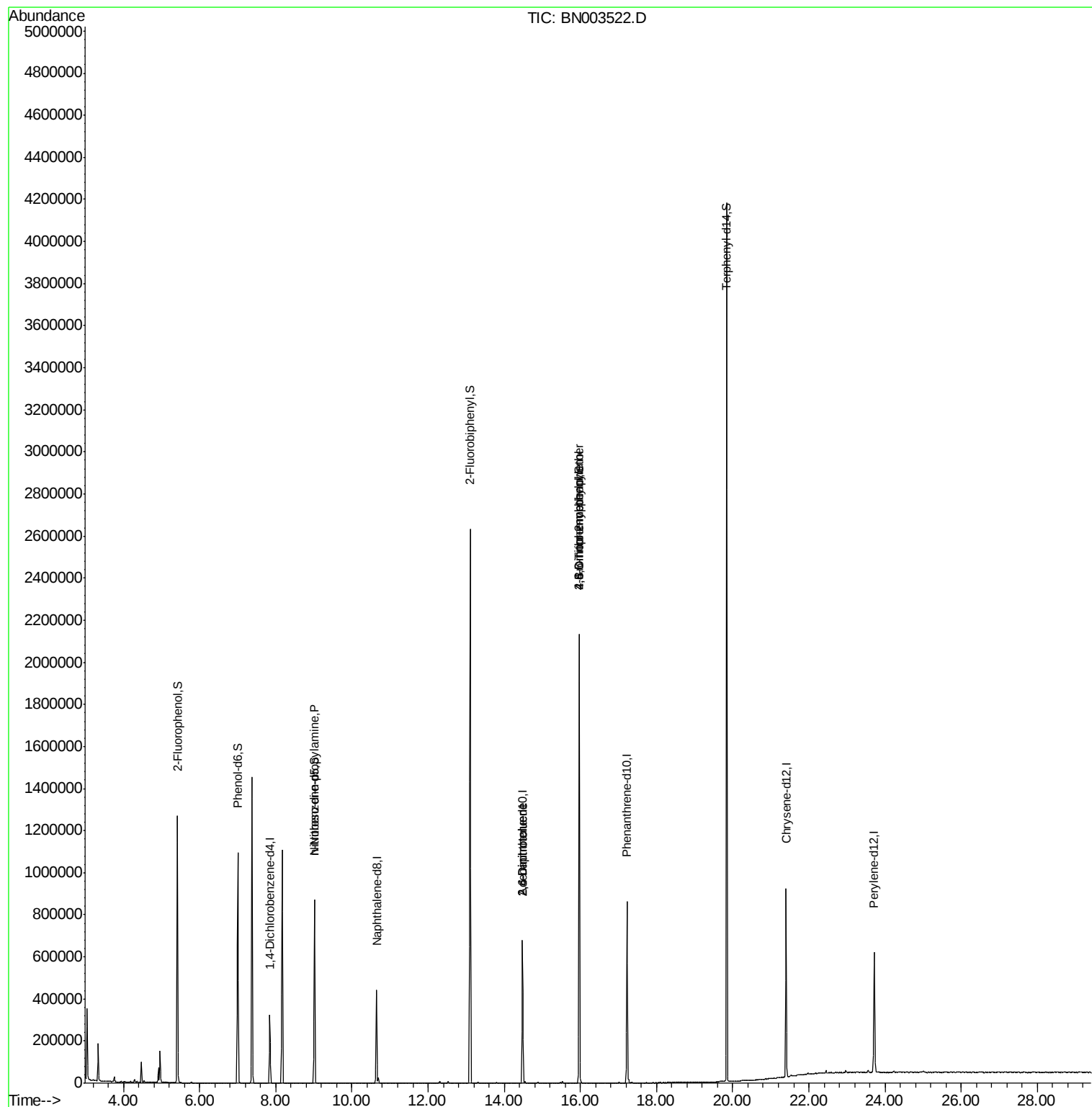
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	91220	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	381080	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	227508	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	516431	20.00	ng	0.00
76) Chrysene-d12	21.40	240	423482	20.00	ng	0.00
87) Perylene-d12	23.72	264	410237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	562329	111.18	ng	0.00
7) Phenol-d6	7.00	99	659400	94.01	ng	0.00
23) Nitrobenzene-d5	9.02	82	497432	82.17	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	431114	127.11	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1365177	80.09	ng	0.00
79) Terphenyl-d14	19.84	244	2001359	93.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	62581	13.252	ng	# 76
51) 2,6-Dinitrotoluene	14.48	165	29352	7.055	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	29352	5.220	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	802	5.139	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	27865	4.278	ng	# 1

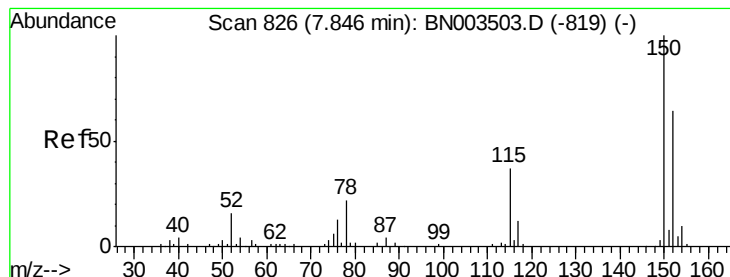
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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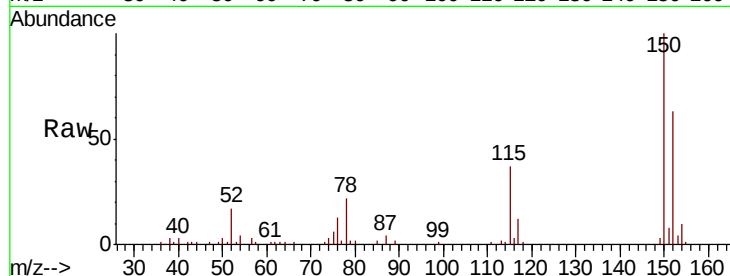


#1

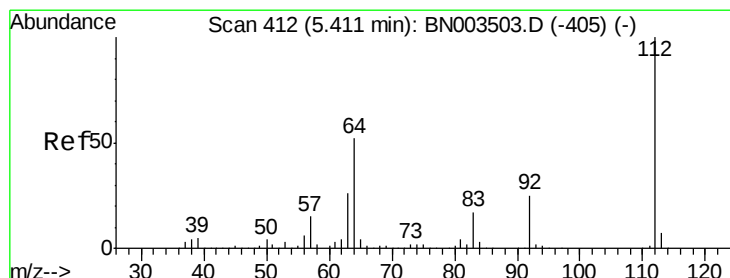
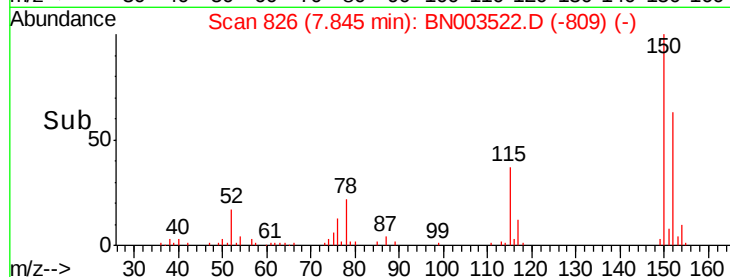
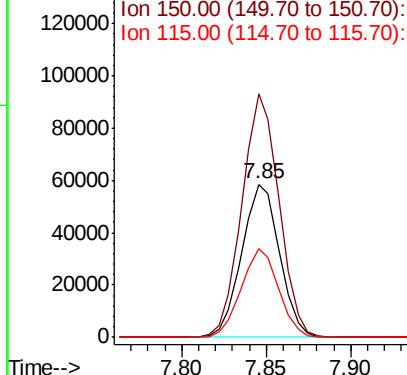
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.00 min
Lab File: BN003522.D
Acq: 13 Nov 2018 21:17

Instrument :
BNA_N
ClientSampleId :
SR-2-S

Tgt Ion:152 Resp: 91220
Ion Ratio Lower Upper
152 100
150 158.8 125.4 188.0
115 58.1 45.9 68.9



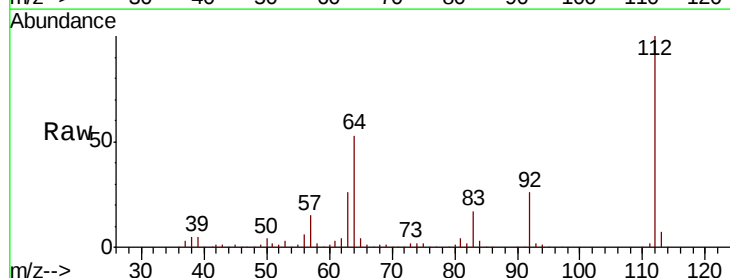
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



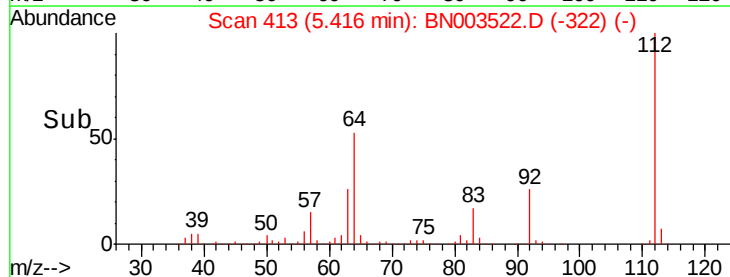
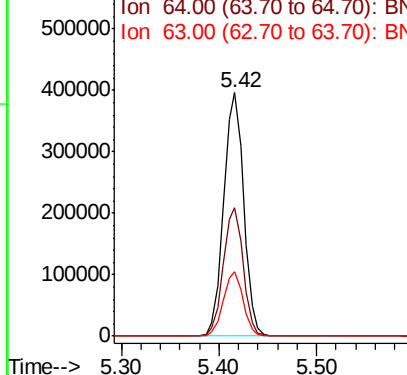
#5

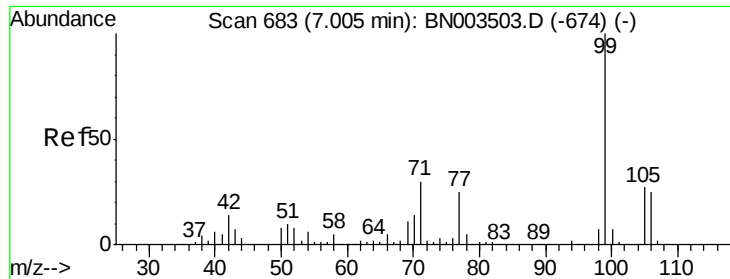
2-Fluorophenol
Concen: 111.182 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003522.D
Acq: 13 Nov 2018 21:17

Tgt Ion:112 Resp: 562329
Ion Ratio Lower Upper
112 100
64 52.8 41.4 62.2
63 26.3 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: 94.006 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN003522.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_N

ClientSampleId :

SR-2-S

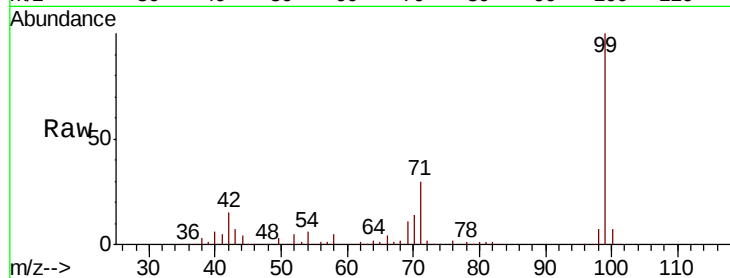
Tgt Ion: 99 Resp: 659400

Ion Ratio Lower Upper

99 100

42 14.5 11.6 17.4

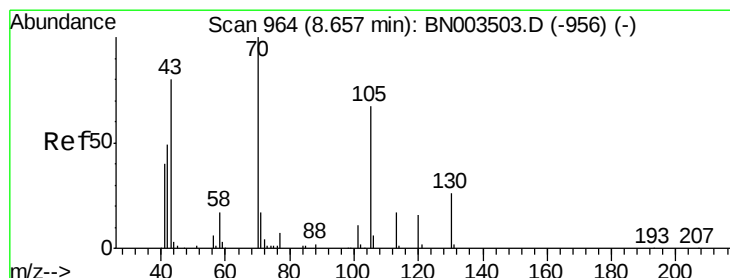
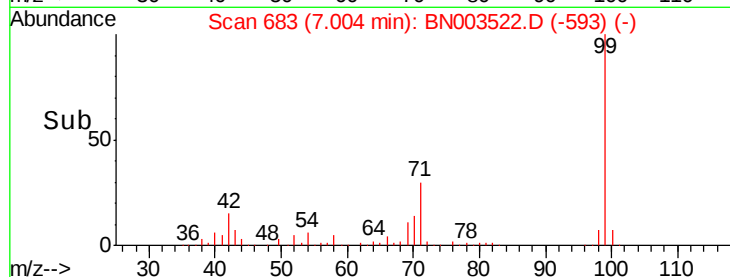
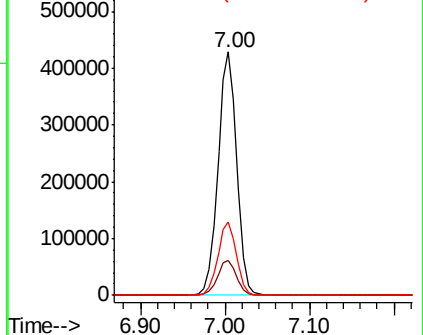
71 30.0 24.2 36.2



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: 13.252 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003522.D

Acq: 13 Nov 2018 21:17

Tgt Ion: 70 Resp: 62581

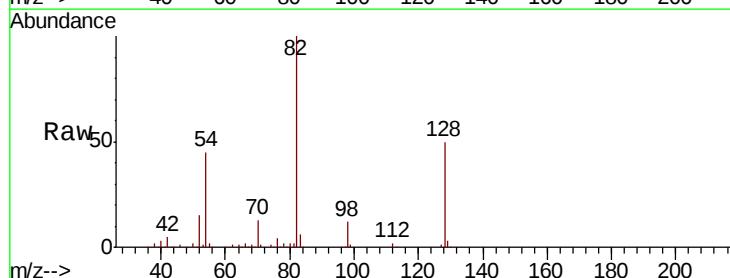
Ion Ratio Lower Upper

70 100

42 41.7 39.7 59.5

101 0.0 8.8 13.2#

130 2.5 20.8 31.2#

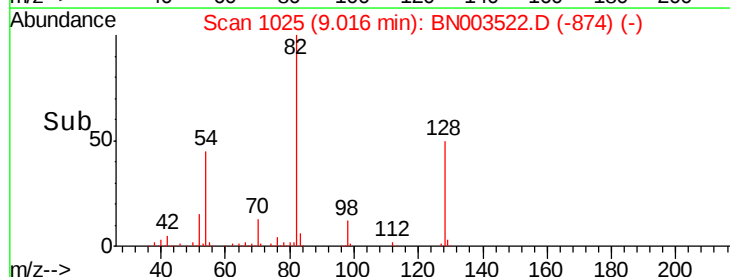
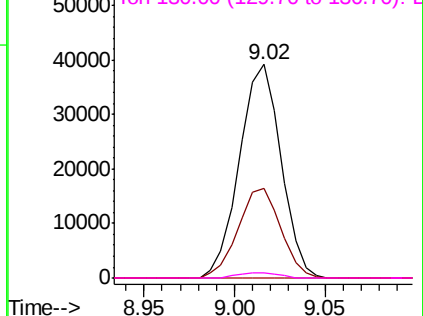


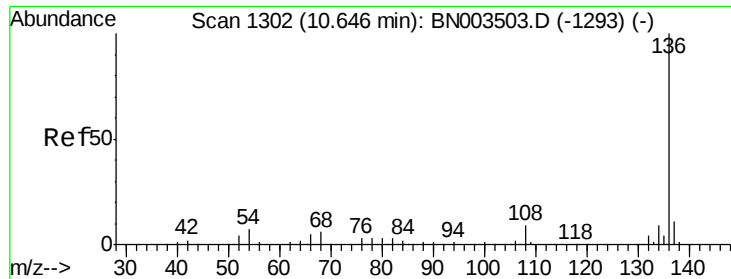
Abundance Ion 70.00 (69.70 to 70.70): BN003503.D (-956) (-)

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) (-)

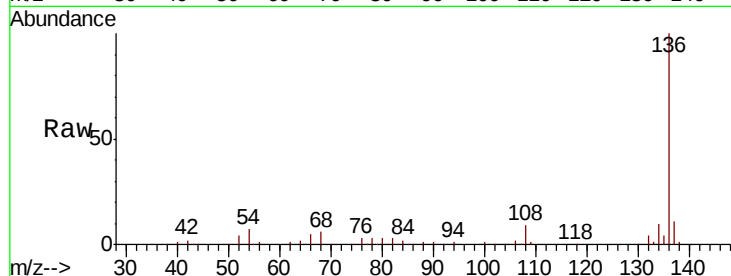




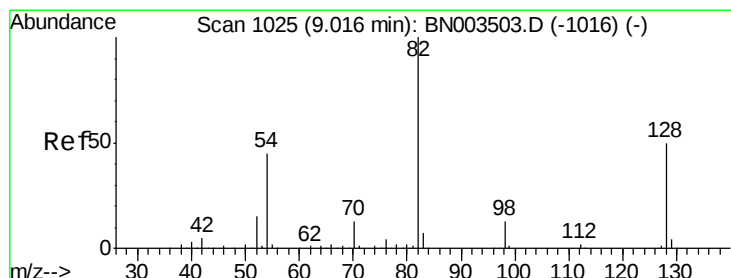
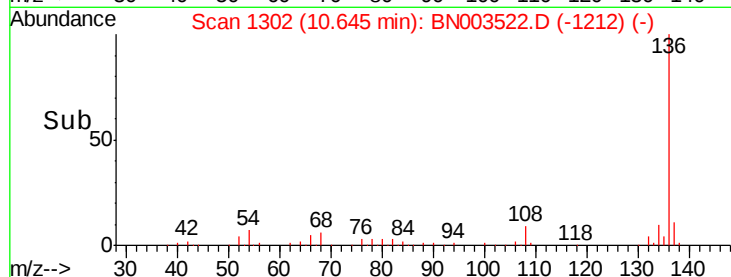
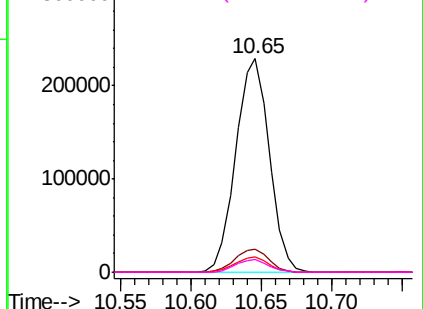
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN003522.D
Acq: 13 Nov 2018 21:17

Instrument :
BNA_N
ClientSampleId :
SR-2-S

Tgt Ion:	136	Resp:	381080
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.1	5.7	8.5
68	5.8	4.7	7.1

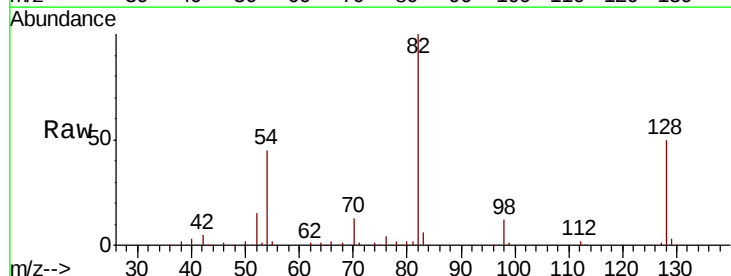


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

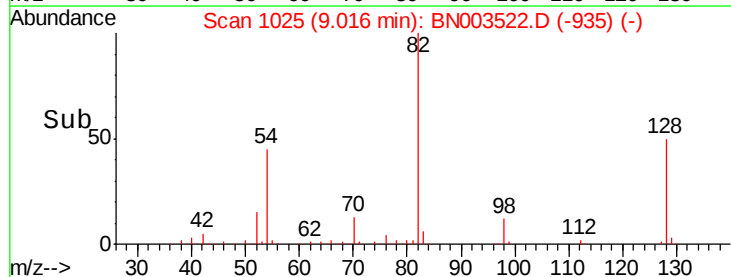
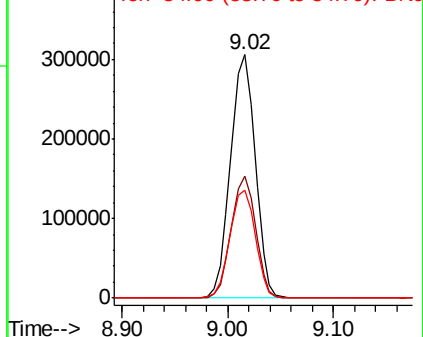


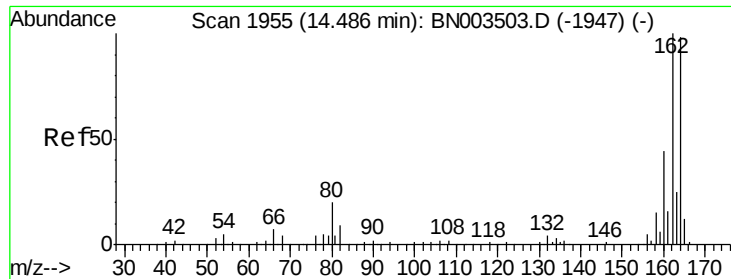
#23
Nitrobenzene-d5
Concen: 82.166 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003522.D
Acq: 13 Nov 2018 21:17

Tgt Ion:	82	Resp:	497432
Ion	Ratio	Lower	Upper
82	100		
128	50.2	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: BN003522.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_N

ClientSampleId :

SR-2-S

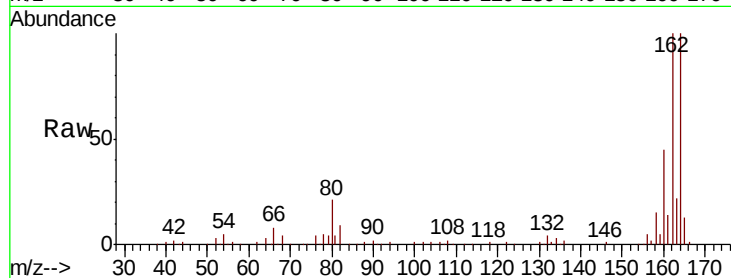
Tgt Ion:164 Resp: 227508

Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.6

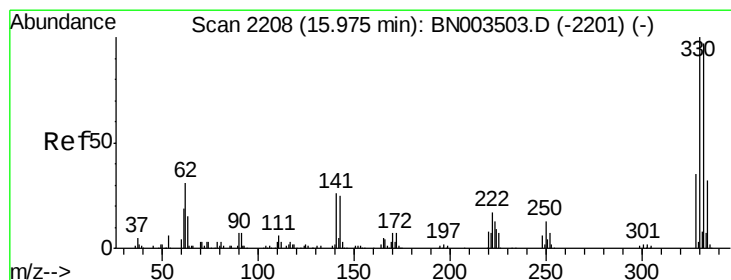
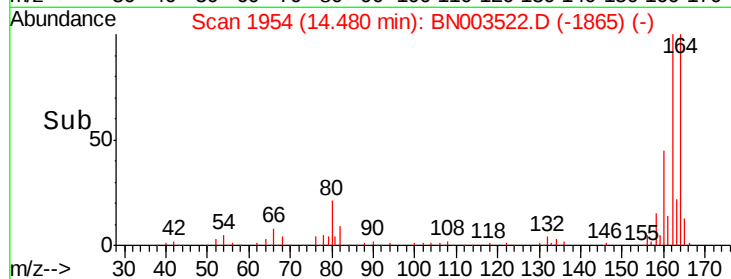
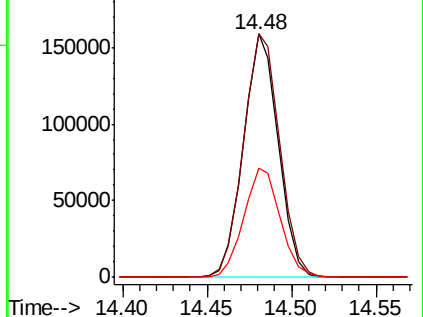
160 45.0 36.2 54.2



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: 127.113 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003522.D

Acq: 13 Nov 2018 21:17

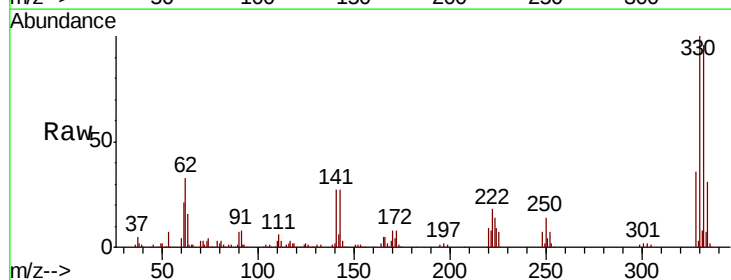
Tgt Ion:330 Resp: 431114

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

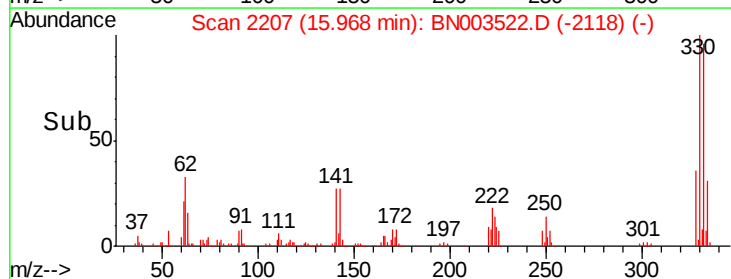
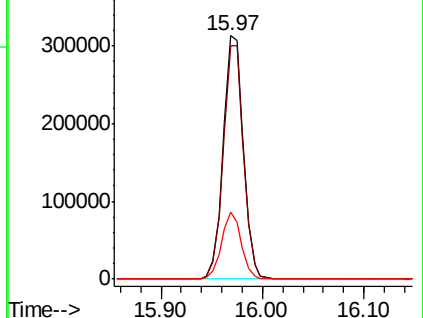
141 26.7 21.6 32.4

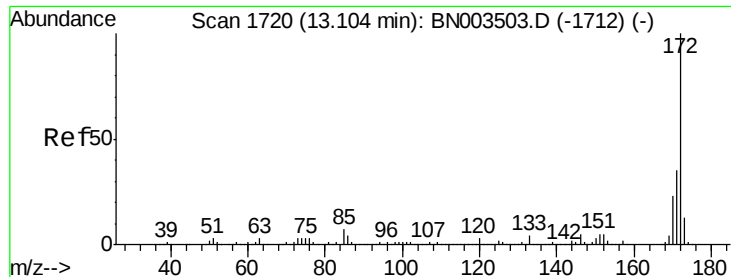


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

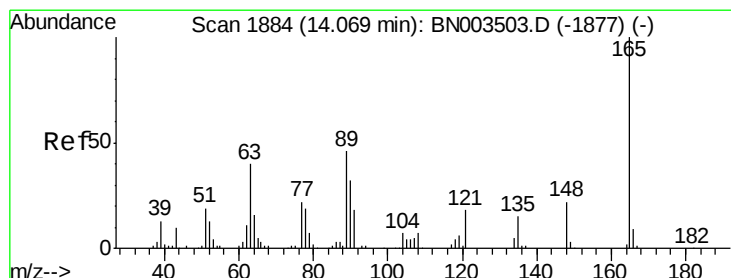
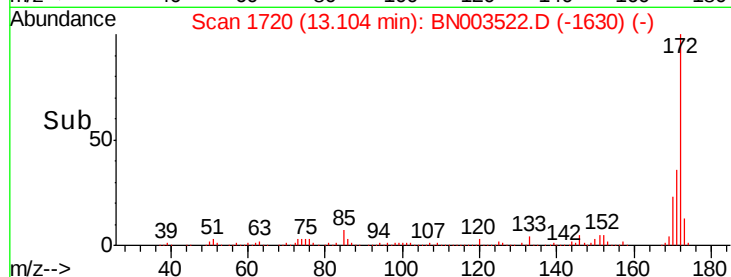
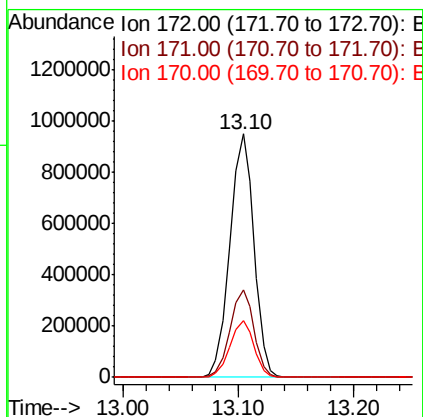
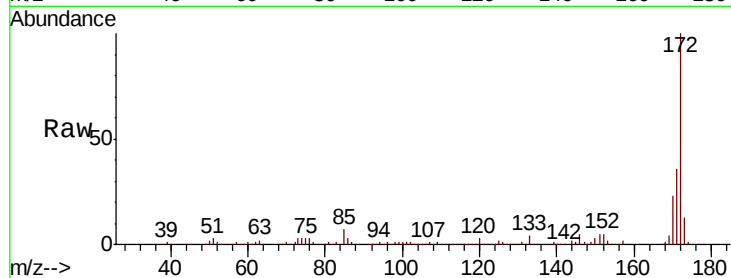




#45
 2-Fluorobiphenyl
 Concen: 80.093 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003522.D
 Acq: 13 Nov 2018 21:17

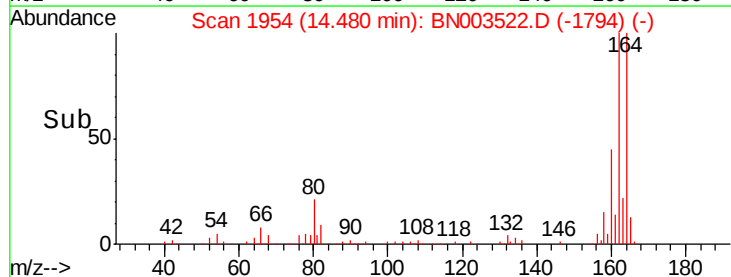
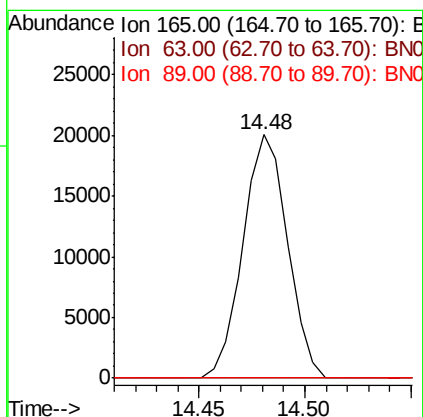
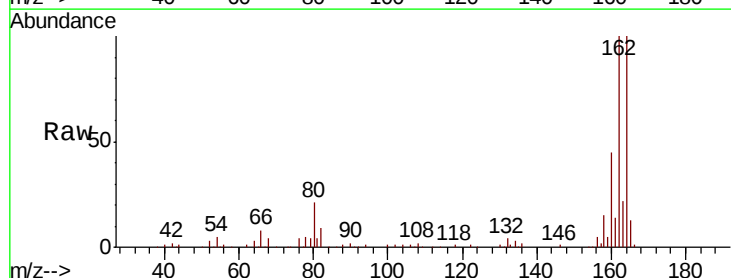
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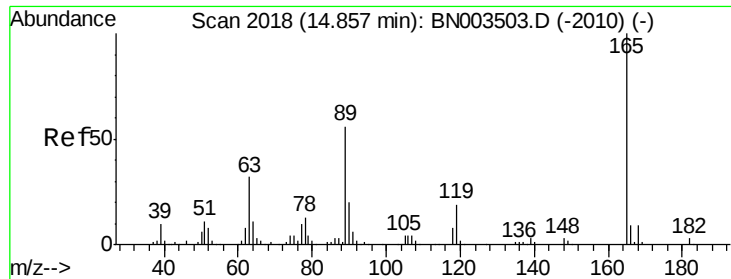
Tgt Ion:172 Resp: 1365177
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 23.2 18.7 28.1



#51
 2,6-Dinitrotoluene
 Concen: 7.055 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003522.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:165 Resp: 29352
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 36.7 55.1#

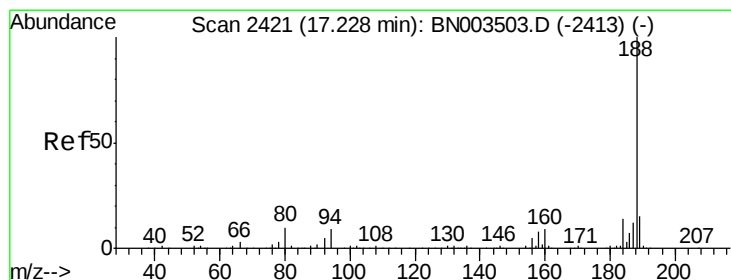
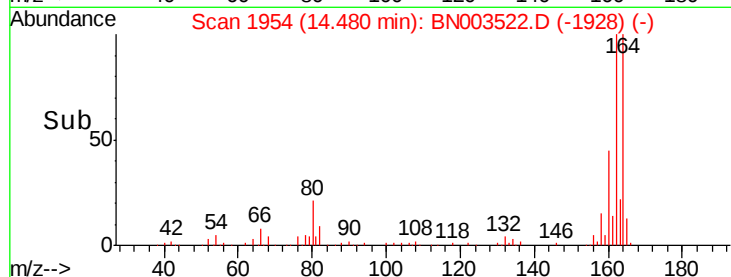
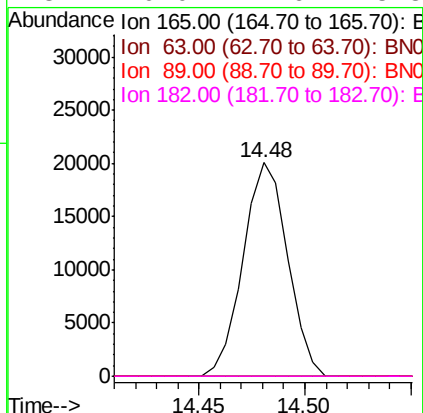
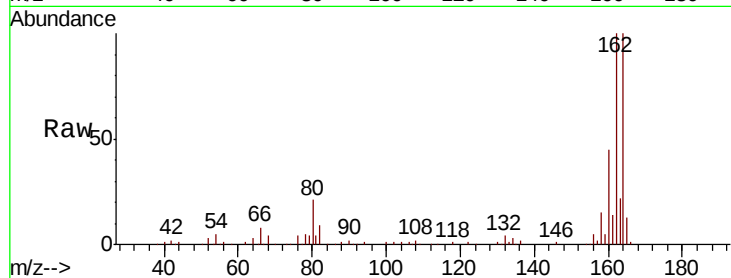




#57
 2,4-Dinitrotoluene
 Concen: 5.220 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003522.D
 Acq: 13 Nov 2018 21:17

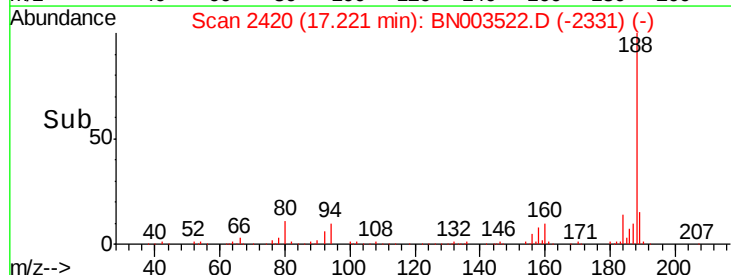
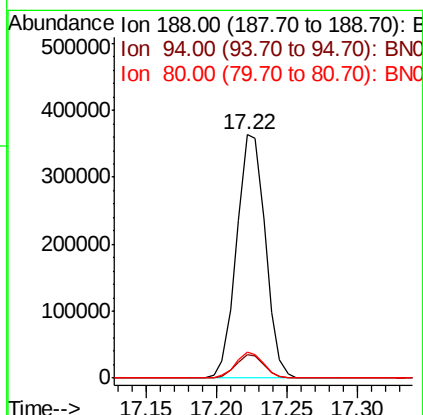
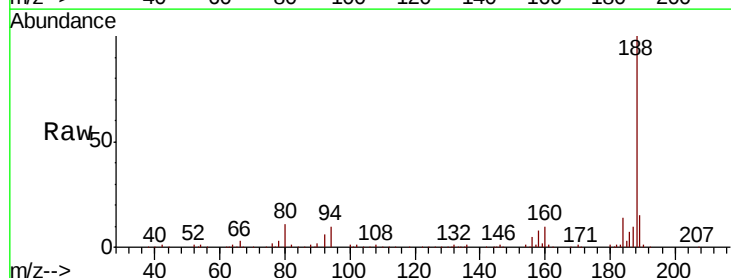
Instrument :
 BNA_N
 ClientSampleId :
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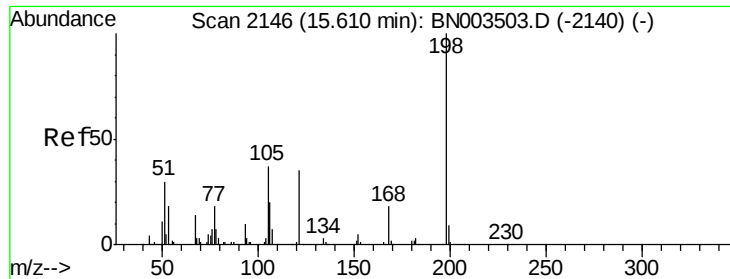
Tgt Ion:	165	Resp:	29352
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.2#
89	0.0	44.7	67.1#
182	0.0	2.6	3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003522.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:	188	Resp:	516431
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.6	8.2	12.2

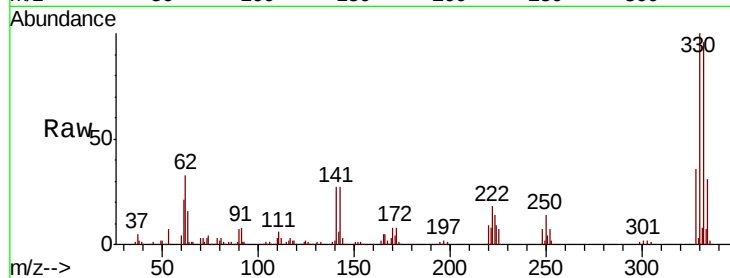




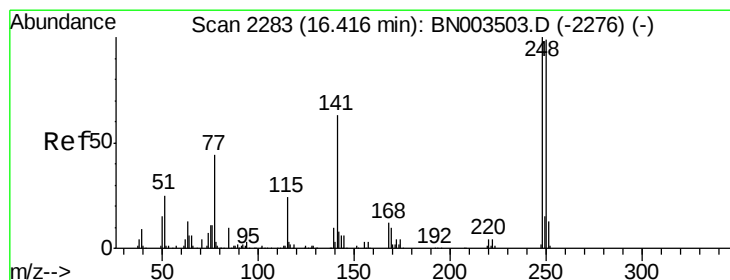
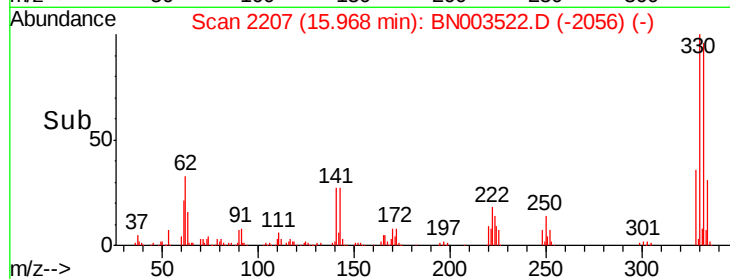
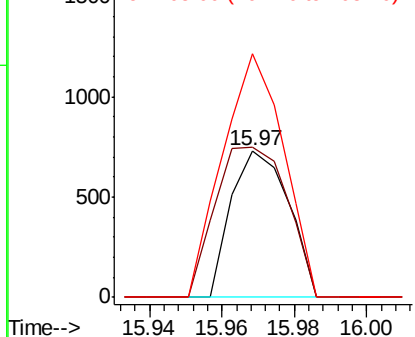
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.139 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. 0.36 min
 Lab File: BN003522.D
 Acq: 13 Nov 2018 21:17

Instrument :
 BNA_N
 ClientSampleId :
 SR-2-S

Tgt Ion:198 Resp: 802
 Ion Ratio Lower Upper
 198 100
 51 103.0 13.8 53.8#
 105 166.3 18.3 58.3#

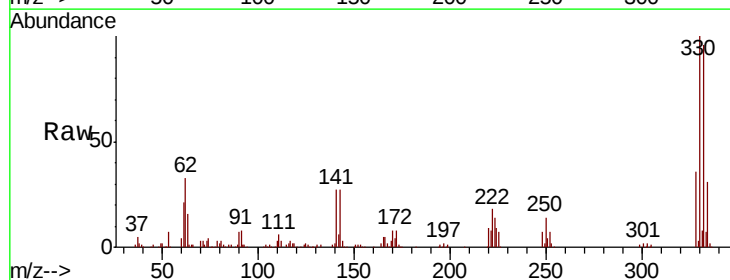


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

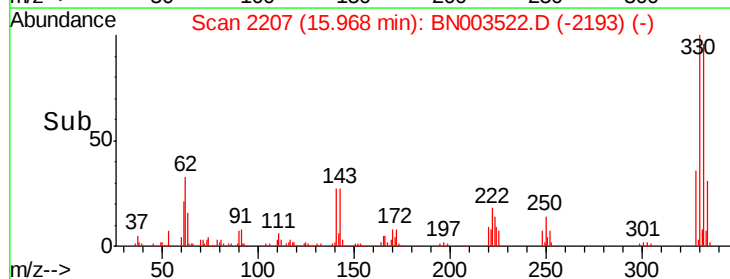
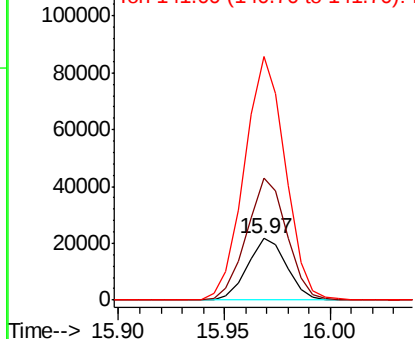


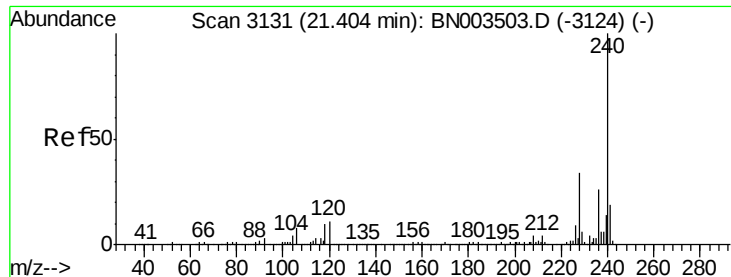
#67
 4-Bromophenyl-phenylether
 Concen: 4.278 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.45 min
 Lab File: BN003522.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:248 Resp: 27865
 Ion Ratio Lower Upper
 248 100
 250 198.7 79.0 118.6#
 141 397.6 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

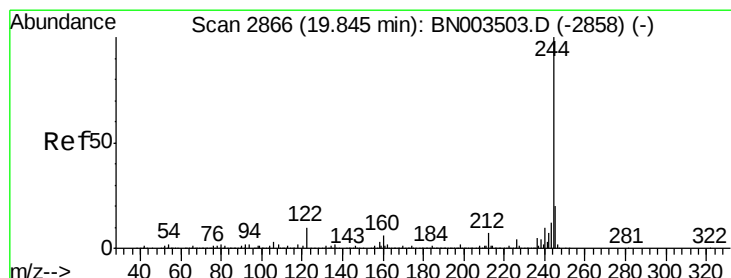
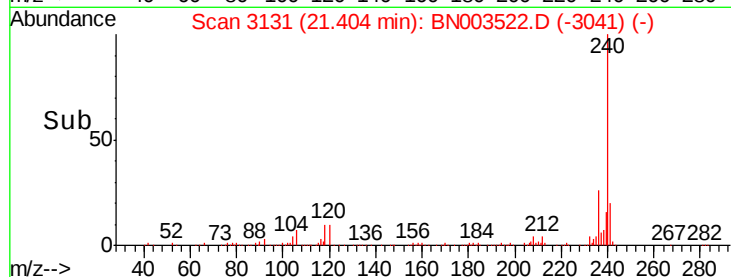
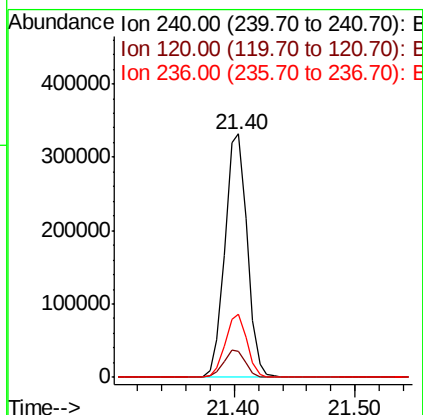
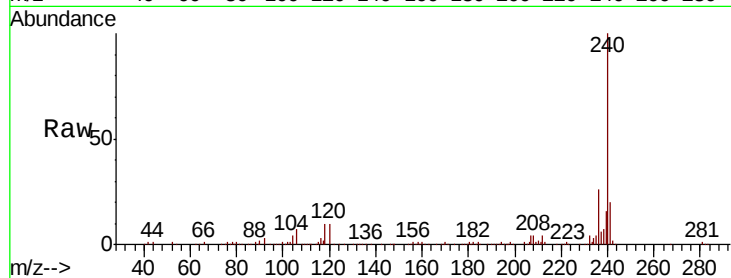




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN003522.D
Acq: 13 Nov 2018 21:17

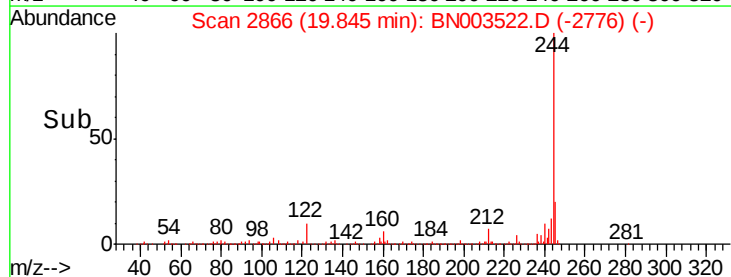
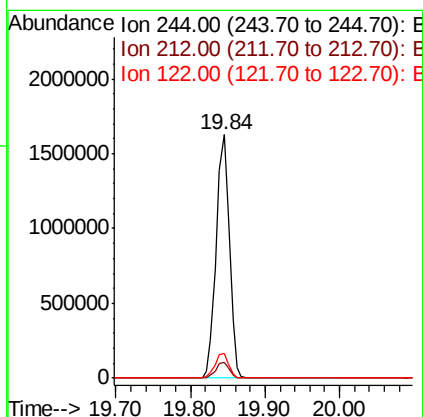
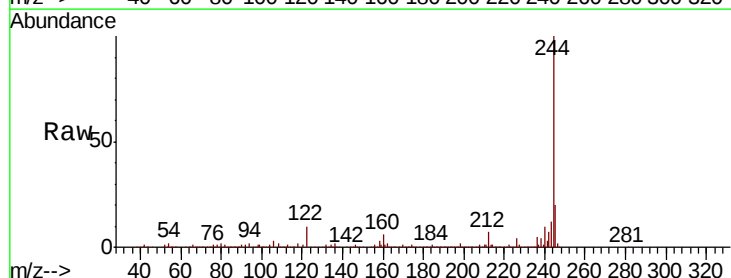
Instrument :
BNA_N
ClientSampleId :
SR-2-S

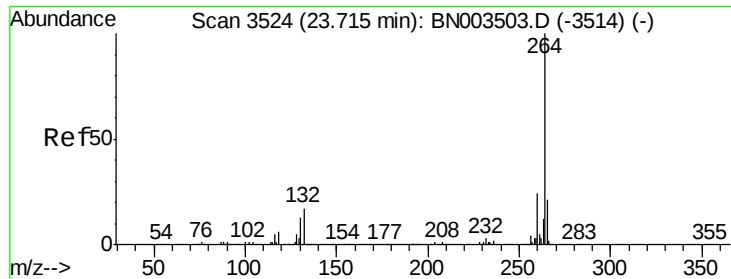
Tgt Ion:240 Resp: 423482
Ion Ratio Lower Upper
240 100
120 10.4 9.1 13.7
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 93.041 ng
RT: 19.84 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BN003522.D
Acq: 13 Nov 2018 21:17

Tgt Ion:244 Resp: 2001359
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.1 8.2 12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BN003522.D
Acq: 13 Nov 2018 21:17

Instrument :
BNA_N
ClientSampleId :
SR-2-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.1	17.2	25.8

