

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003440.D
 Acq On : 06 Nov 2018 20:19
 Operator : MJ/SJ
 Sample : J5826-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:29:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

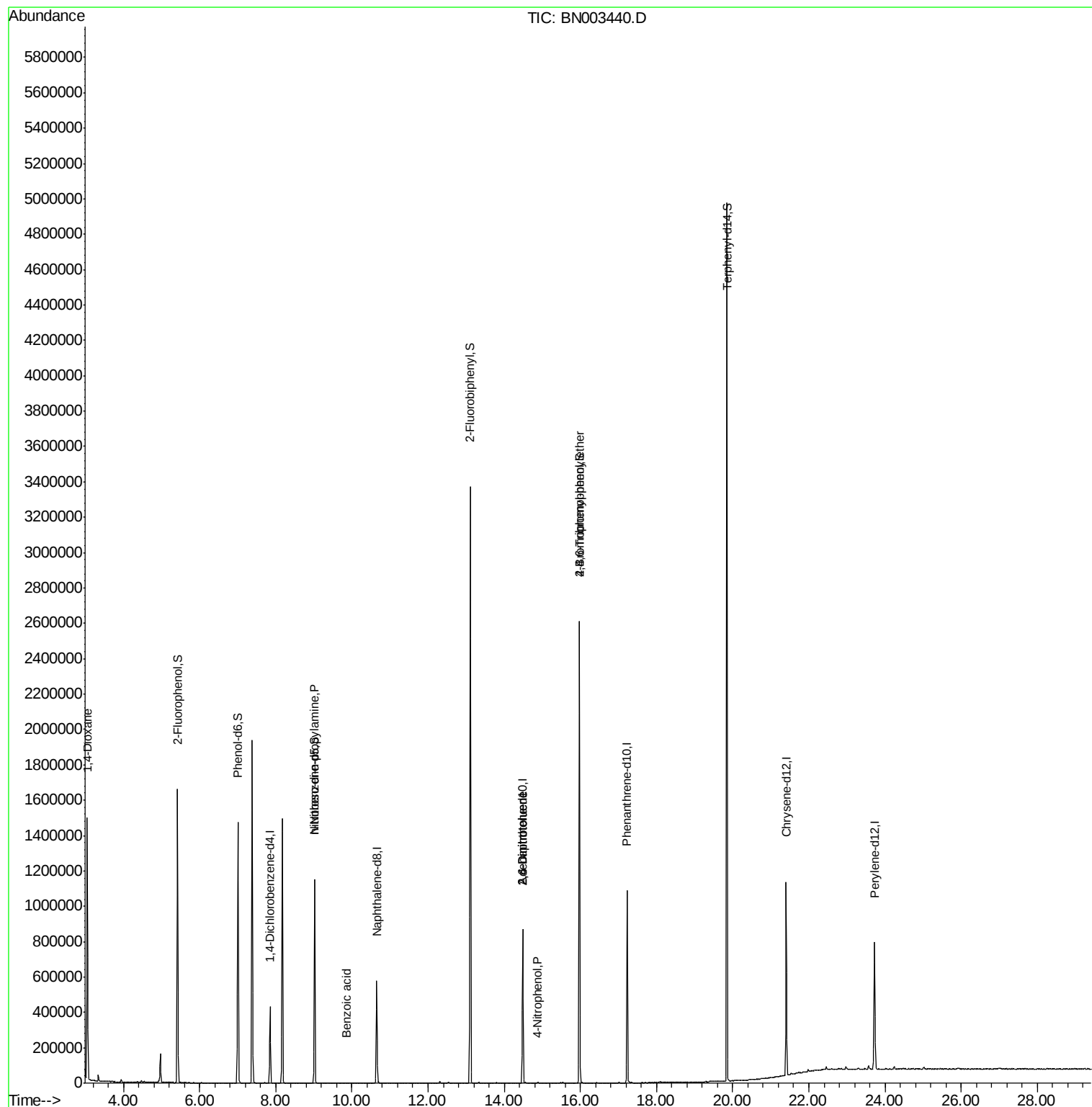
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	120451	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	501782	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	292527	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	632103	20.00	ng	0.00
76) Chrysene-d12	21.40	240	511158	20.00	ng	0.00
87) Perylene-d12	23.72	264	513920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	759052	109.76	ng	0.01
7) Phenol-d6	7.01	99	898344	91.36	ng	0.00
23) Nitrobenzene-d5	9.02	82	659517	75.38	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	538442	136.70	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1750100	81.15	ng	0.00
79) Terphenyl-d14	19.85	244	2335735	97.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.05	88	11666	3.55	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	83577	11.79	ng	# 76
32) Benzoic acid	9.85	122	358	5.06	ng	# 96
51) 2,6-Dinitrotoluene	14.49	165	37397	6.97	ng	# 30
56) 4-Nitrophenol	14.88	139	998	5.64	ng	# 11
57) 2,4-Dinitrotoluene	14.49	165	37397	5.14	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	35114	4.93	ng	# 1

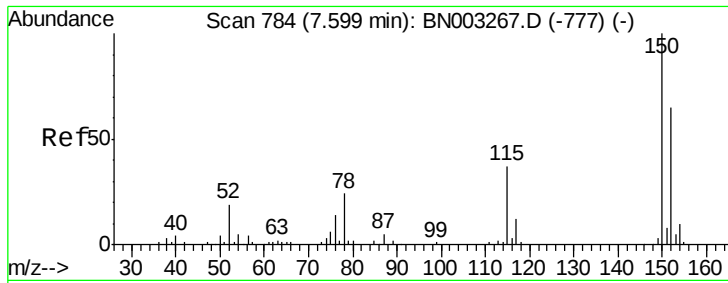
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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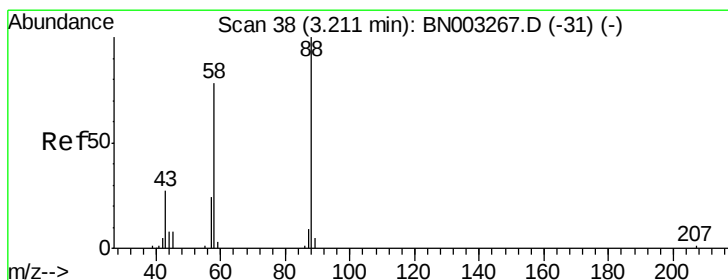
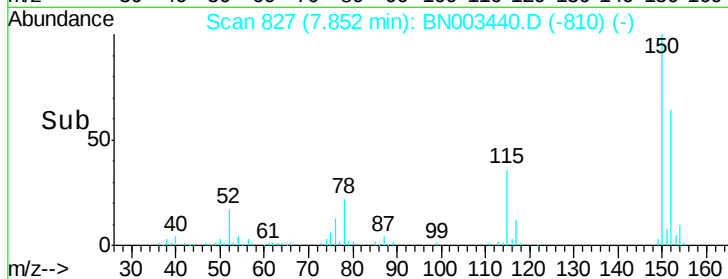
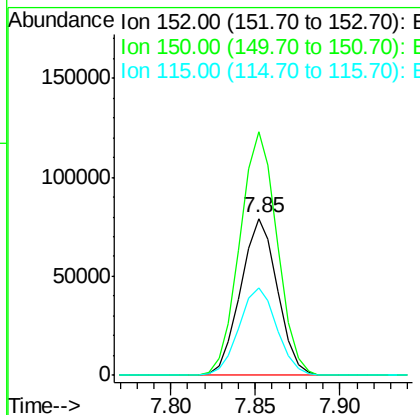
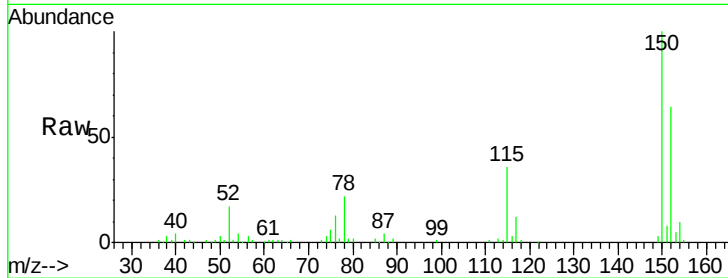




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.85 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BN003440.D
 Acq: 06 Nov 2018 20:19

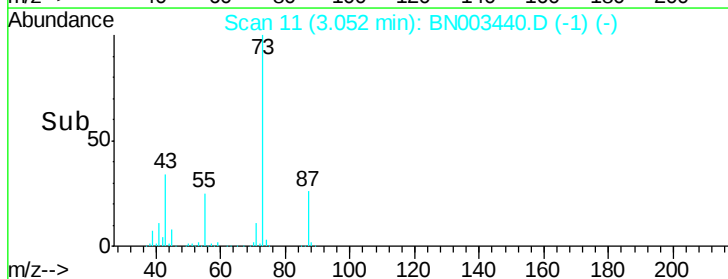
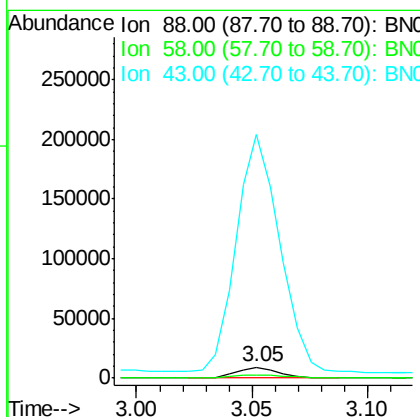
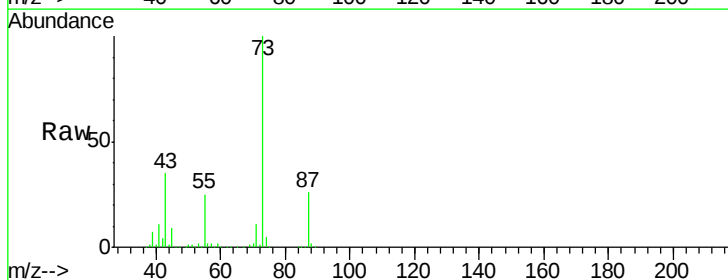
Instrument :
 BNA_N
 ClientSampleId :

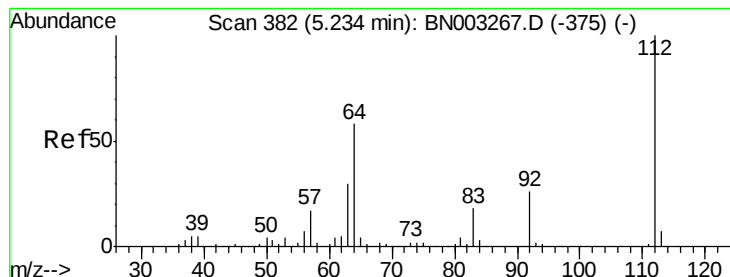
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.8
115	56.0	45.9	68.9



#2
 1,4-Dioxane
 Concen: 3.55 ng
 RT: 3.05 min Scan# 11
 Delta R.T. -0.28 min
 Lab File: BN003440.D
 Acq: 06 Nov 2018 20:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	32.2	61.1	91.7#
43	2296.2	22.2	33.4#





#5

2-Fluorophenol

Concen: 109.76 ng

RT: 5.42 min Scan# 414

Delta R.T. 0.01 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

Instrument :

BNA_N

ClientSampleId :

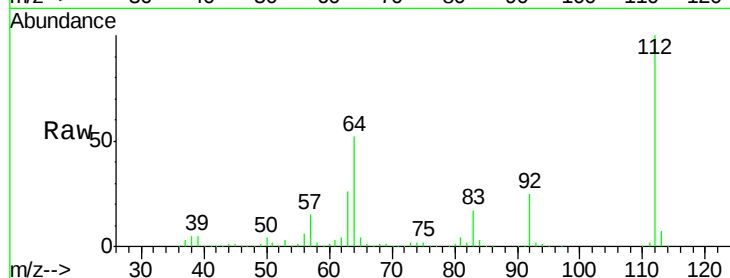
Tot Ion:112 Resp: 759052

Ion Ratio Lower Upper

112 100

64 51.7 46.6 69.8

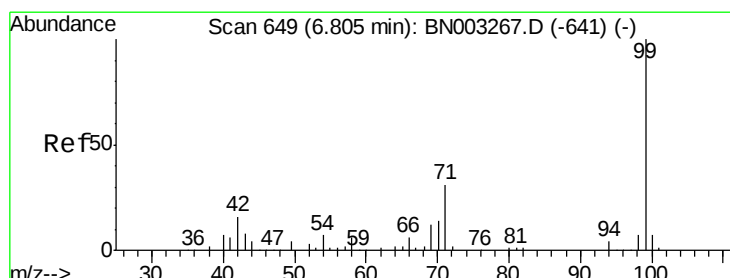
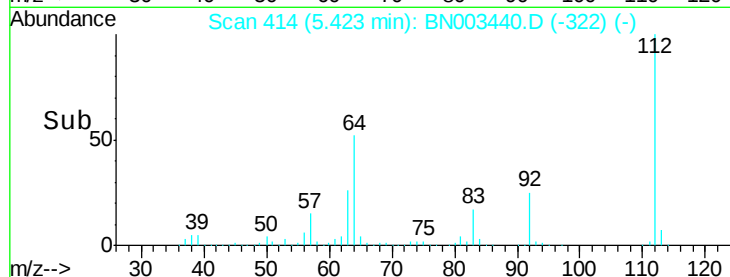
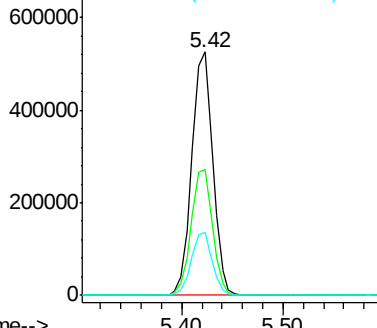
63 25.8 23.8 35.8



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: 91.36 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

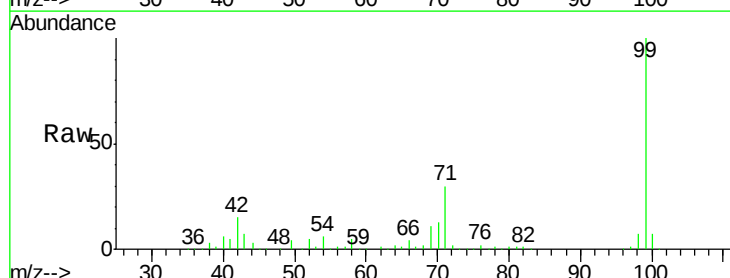
Tgt Ion: 99 Resp: 898344

Ion Ratio Lower Upper

99 100

42 14.5 13.0 19.6

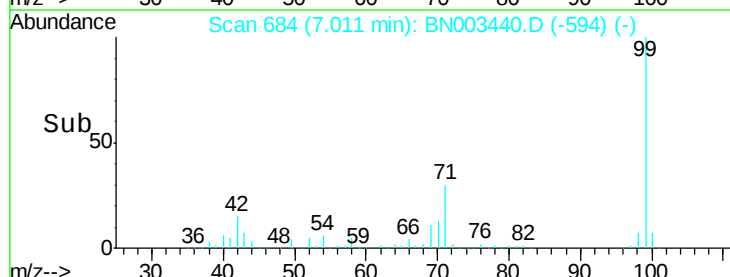
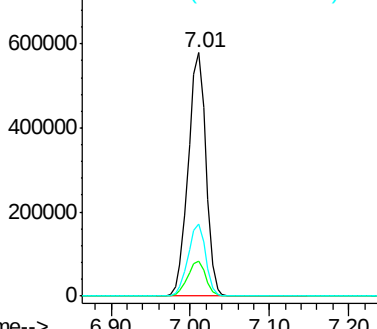
71 29.6 24.5 36.7

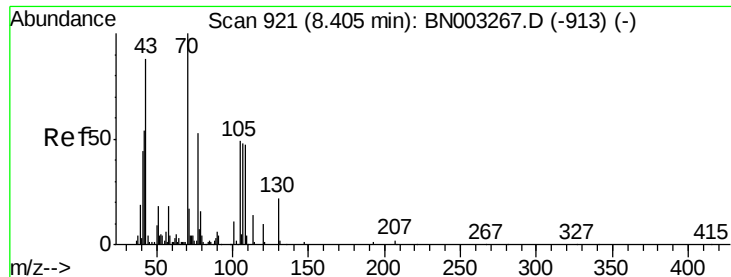


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

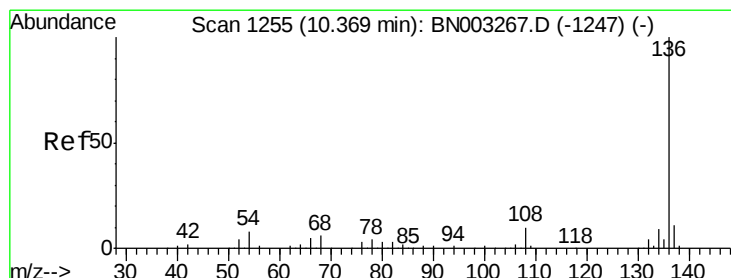
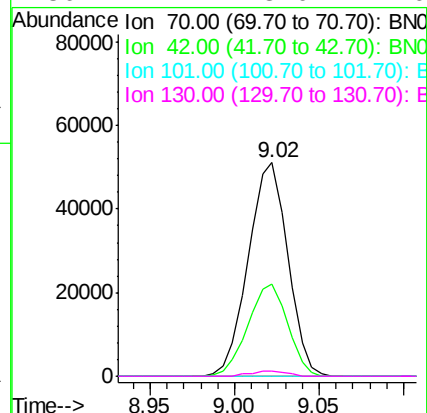
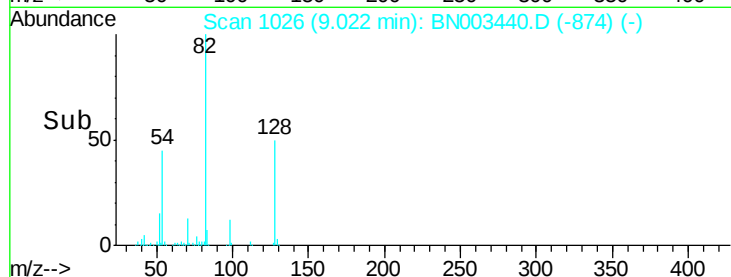
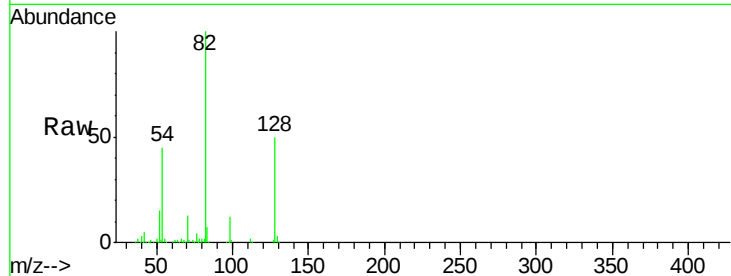




#19
n-Nitroso-di-n-propylamine
Concen: 11.79 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003440.D
Acq: 06 Nov 2018 20:19

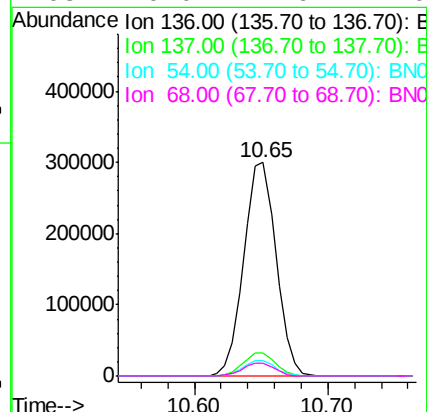
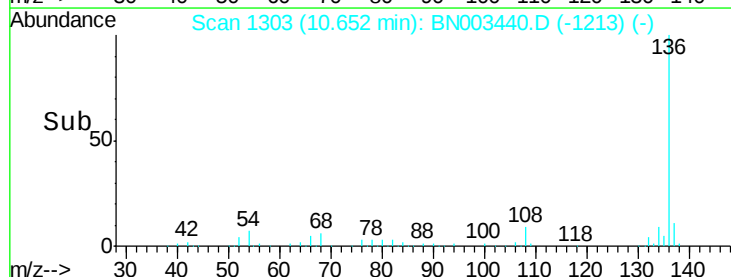
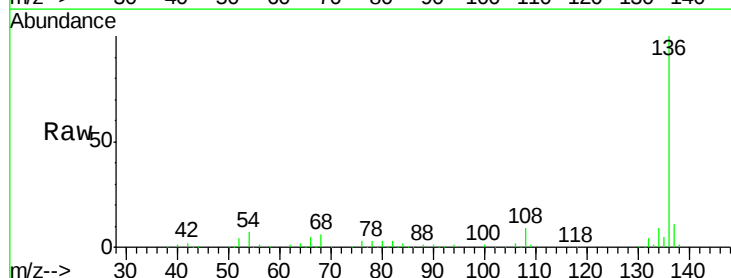
Instrument :
BNA_N
ClientSampleId :

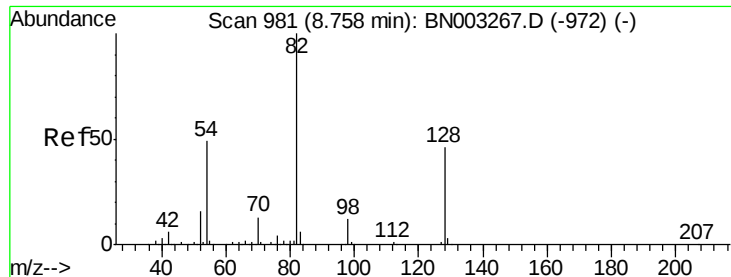
Tot Ion: 70 Resp: 83577
Ion Ratio Lower Upper
70 100
42 43.1 43.5 65.3#
101 0.0 8.6 12.8#
130 2.4 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003440.D
Acq: 06 Nov 2018 20:19

Tgt Ion: 136 Resp: 501782
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.0 6.6 10.0
68 6.0 4.6 7.0

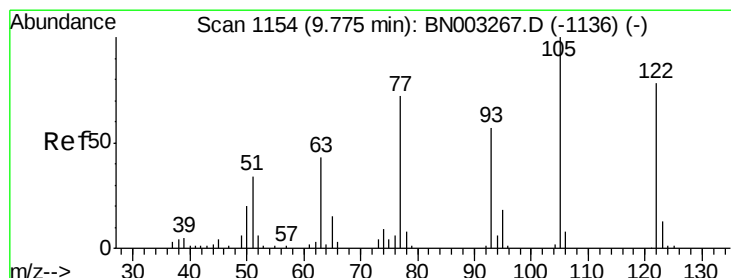
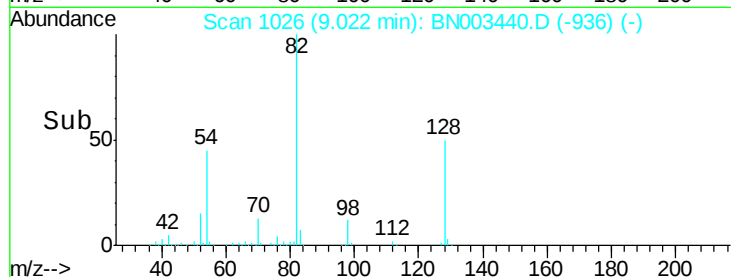
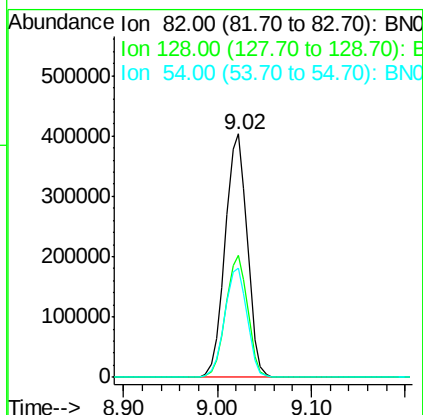
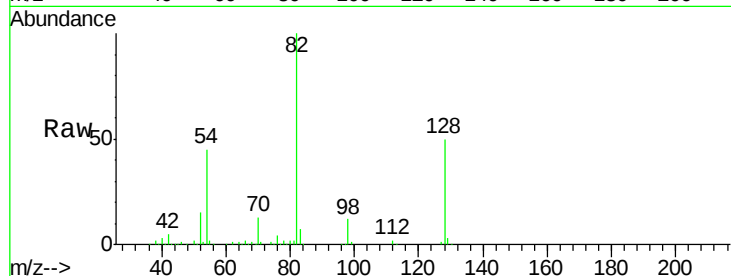




#23
Nitrobenzene-d5
Concen: 75.38 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN003440.D
Acq: 06 Nov 2018 20:19

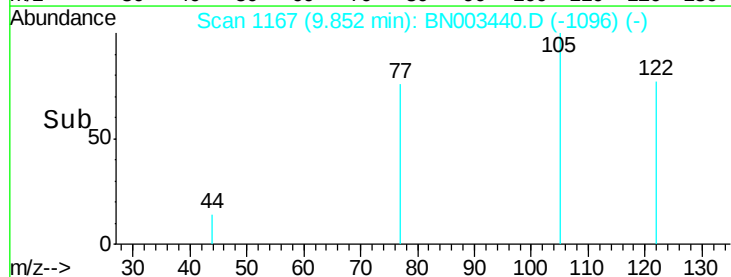
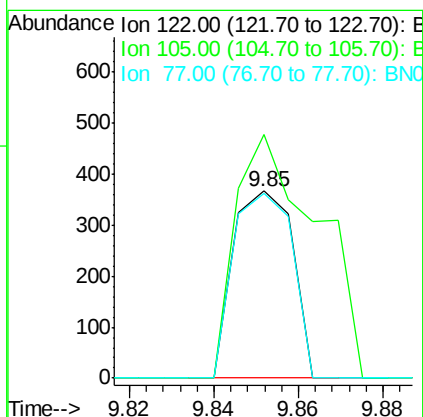
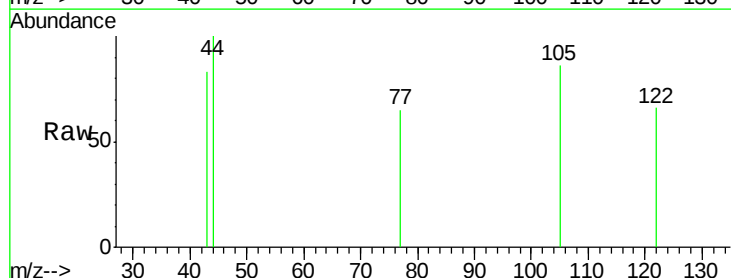
Instrument :
BNA_N
ClientSampled :

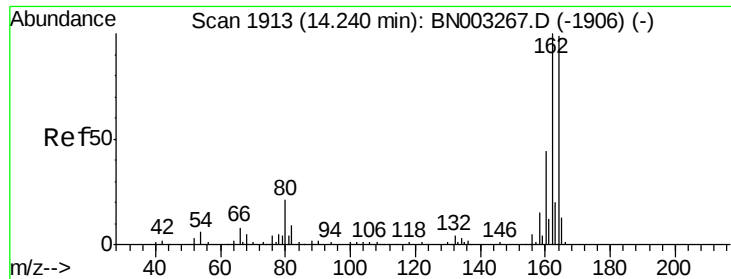
Tot Ion: 82 Resp: 659517
Ion Ratio Lower Upper
82 100
128 50.2 37.1 55.7
54 44.9 39.4 59.2



#32
Benzoic acid
Concen: 5.06 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BN003440.D
Acq: 06 Nov 2018 20:19

Tgt Ion: 122 Resp: 358
Ion Ratio Lower Upper
122 100
105 130.0 106.8 146.8
77 98.4 71.9 111.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

Instrument :

BNA_N

ClientSampleId :

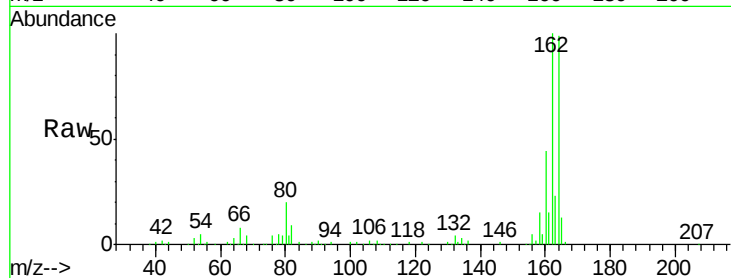
Tot Ion:164 Resp: 292527

Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

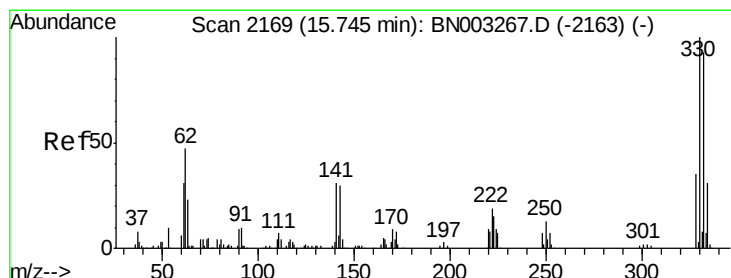
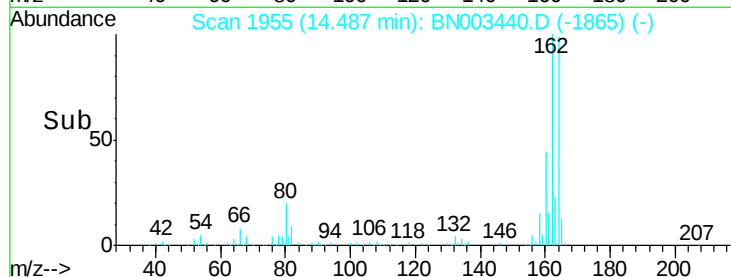
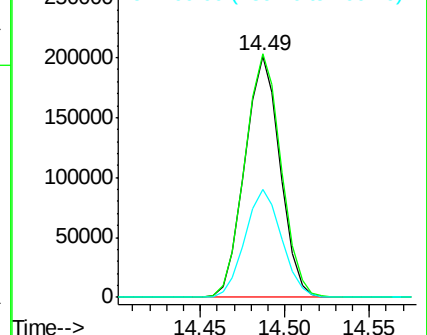
160 44.8 35.5 53.3



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: 136.70 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

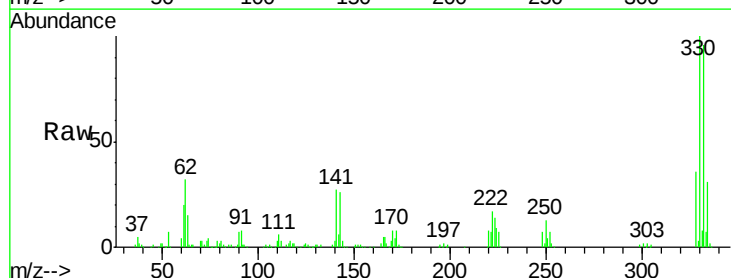
Tgt Ion:330 Resp: 538442

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

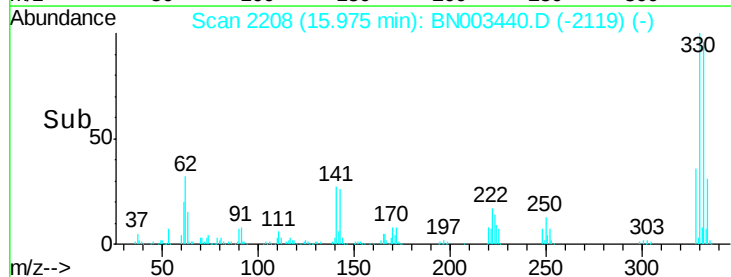
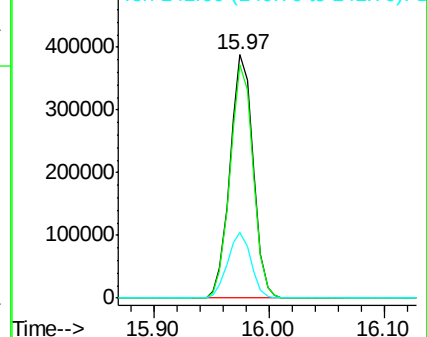
141 27.2 24.5 36.7

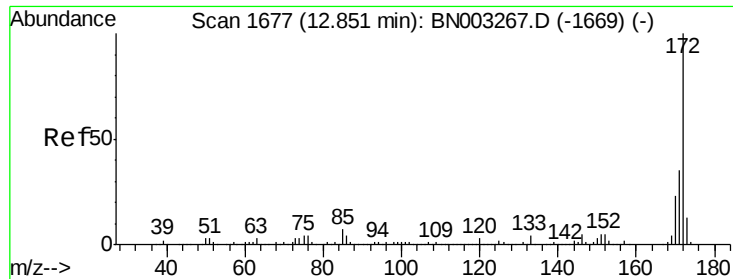


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

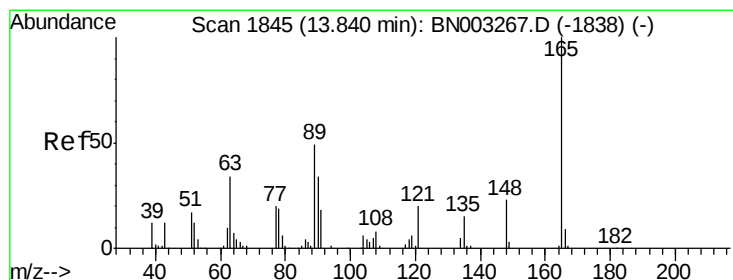
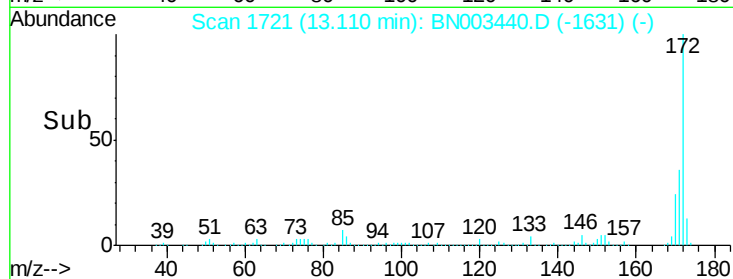
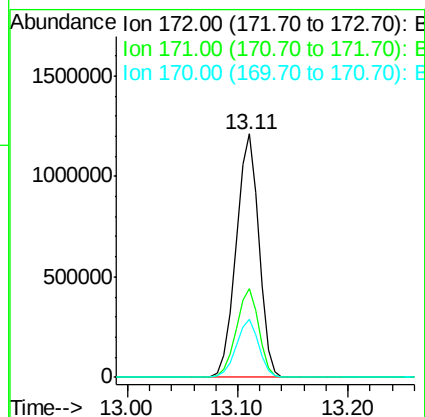
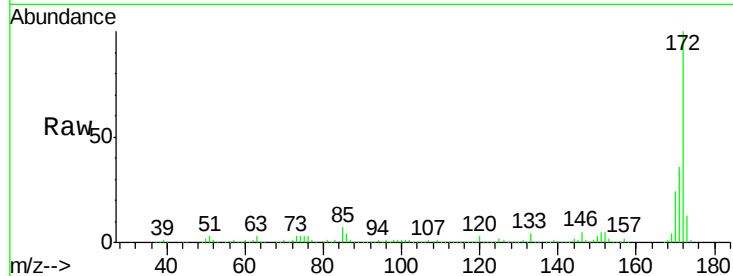




#45
 2-Fluorobiphenyl
 Concen: 81.15 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003440.D
 Acq: 06 Nov 2018 20:19

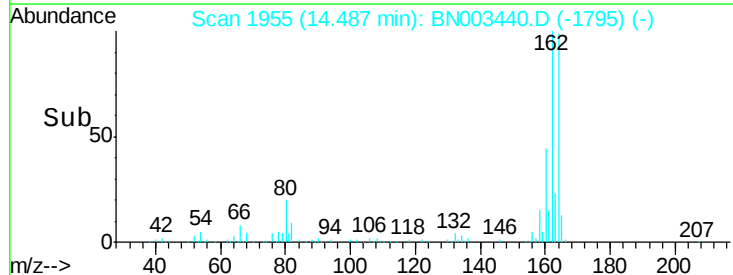
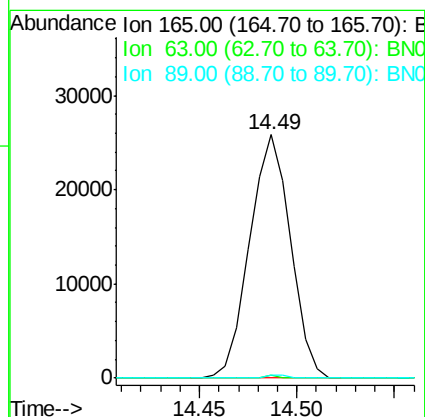
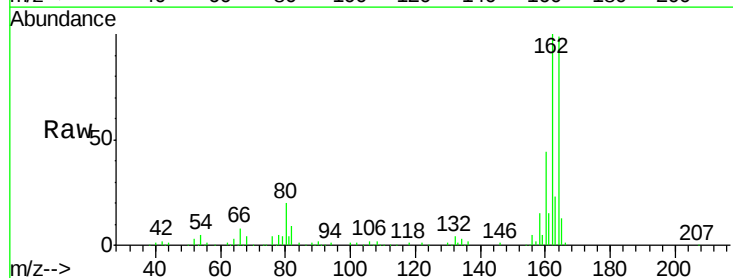
Instrument :
 BNA_N
 ClientSampleId :

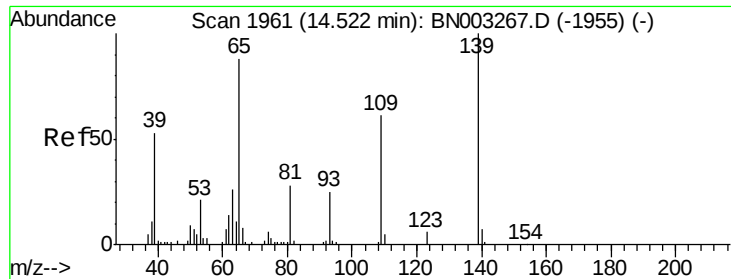
Tot Ion:172 Resp: 1750100
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.4
 170 23.6 18.4 27.6



#51
 2,6-Dinitrotoluene
 Concen: 6.97 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003440.D
 Acq: 06 Nov 2018 20:19

Tgt Ion:165 Resp: 37397
 Ion Ratio Lower Upper
 165 100
 63 1.2 39.2 58.8#
 89 1.3 38.9 58.3#





#56

4-Nitrophenol

Concen: 5.64 ng

RT: 14.88 min Scan# 2022

Delta R.T. 0.18 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

Instrument :

BNA_N

ClientSampleId :

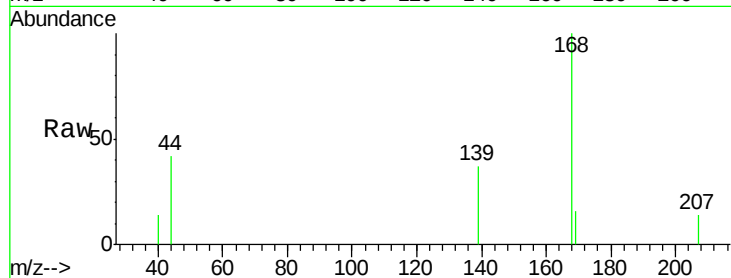
Tot Ion:139 Resp: 998

Ion Ratio Lower Upper

139 100

109 0.0 40.7 80.7#

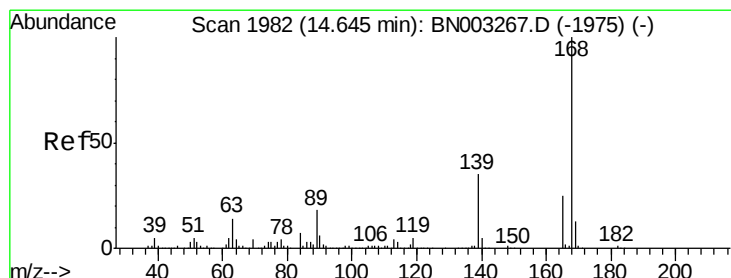
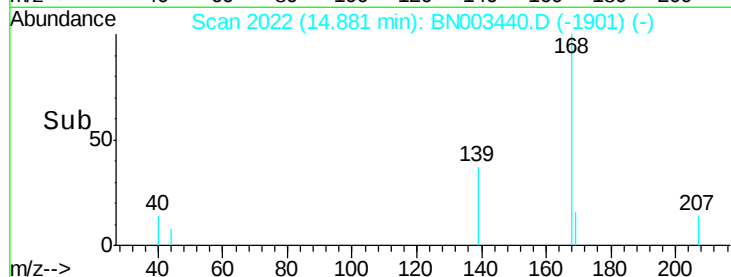
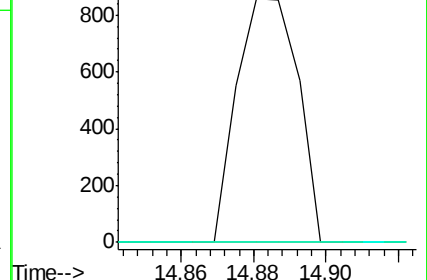
65 0.0 68.0 108.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#57

2,4-Dinitrotoluene

Concen: 5.14 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.37 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

Tgt Ion:165 Resp: 37397

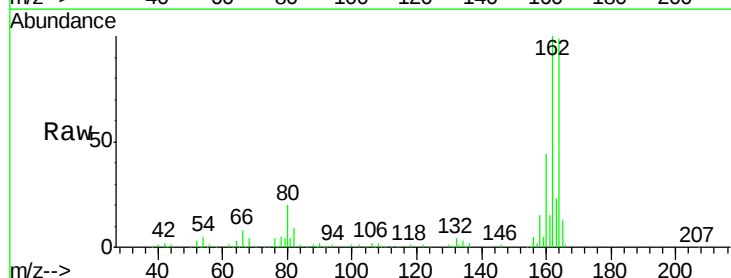
Ion Ratio Lower Upper

165 100

63 1.2 45.8 68.6#

89 1.3 58.7 88.1#

182 0.0 2.3 3.5#

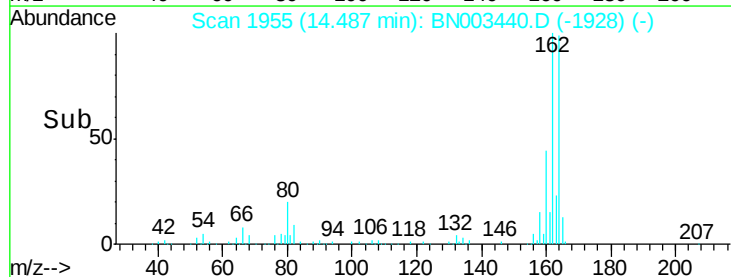
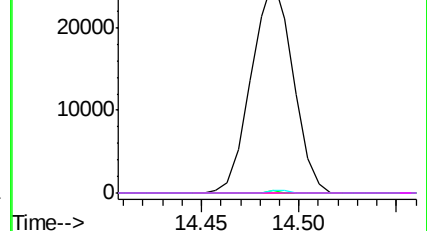


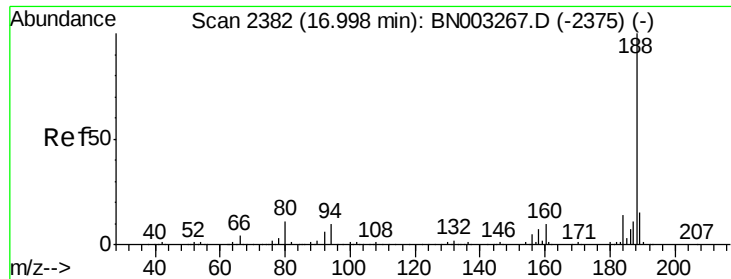
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

Instrument :

BNA_N

ClientSampleId :

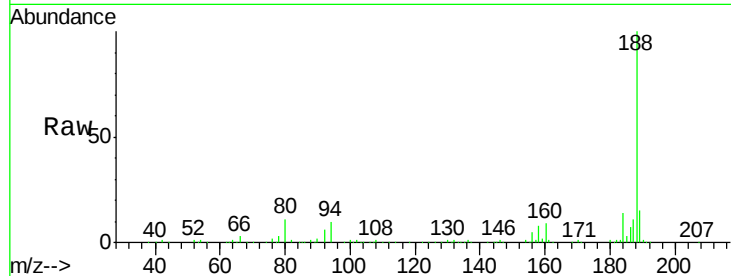
Tot Ion:188 Resp: 632103

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

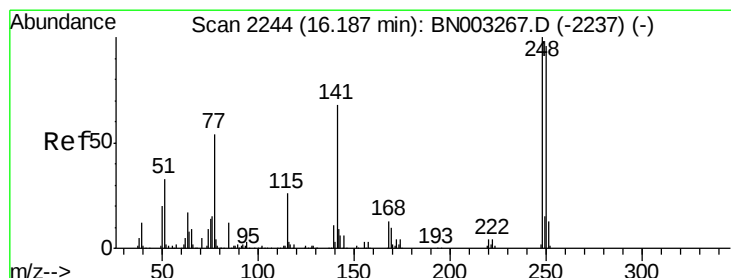
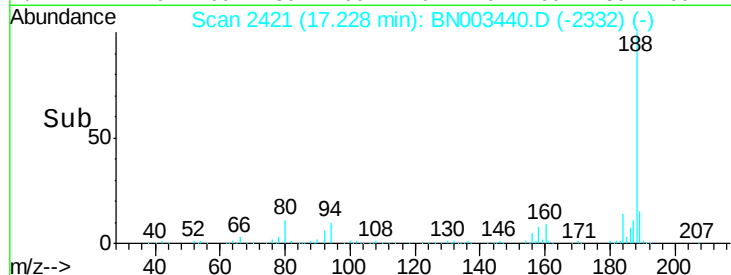
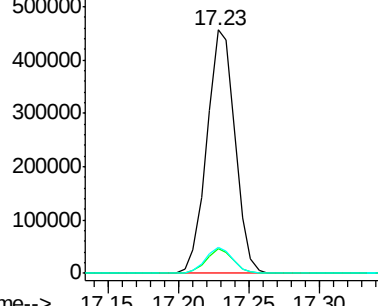
80 10.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#67

4-Bromophenyl-phenylether

Concen: 4.93 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003440.D

Acq: 06 Nov 2018 20:19

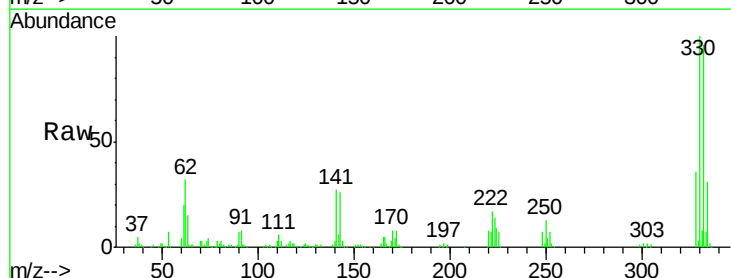
Tgt Ion:248 Resp: 35114

Ion Ratio Lower Upper

248 100

250 195.7 76.4 114.6#

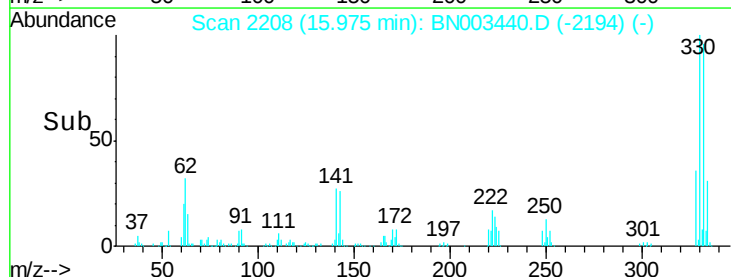
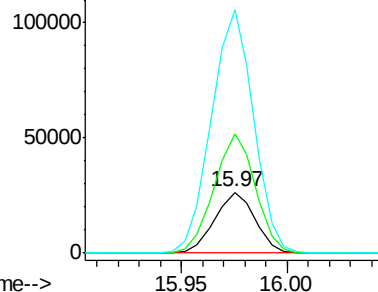
141 400.6 54.2 81.4#

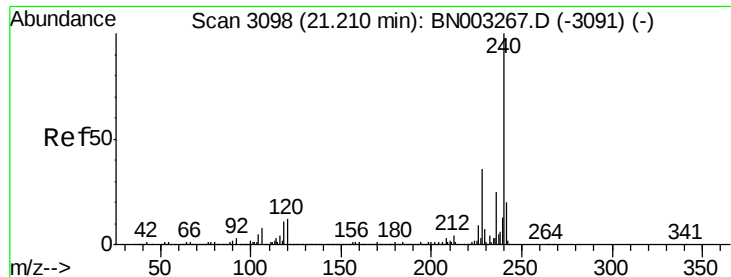


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

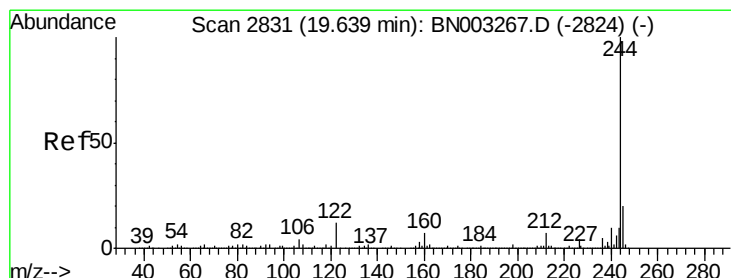
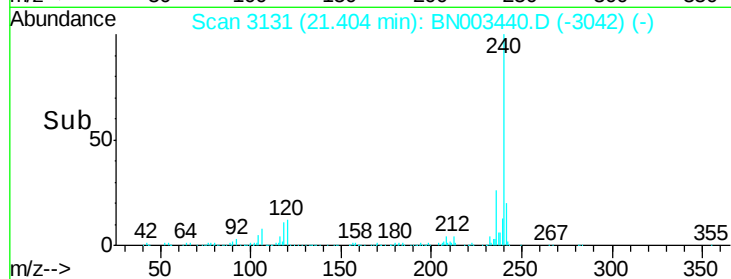
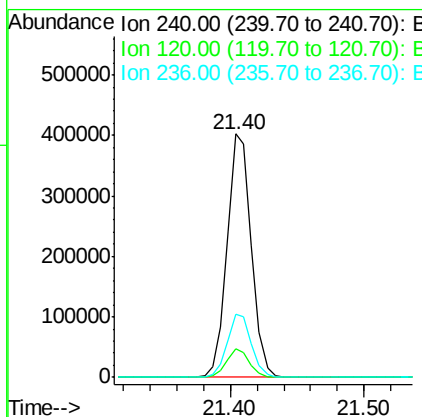
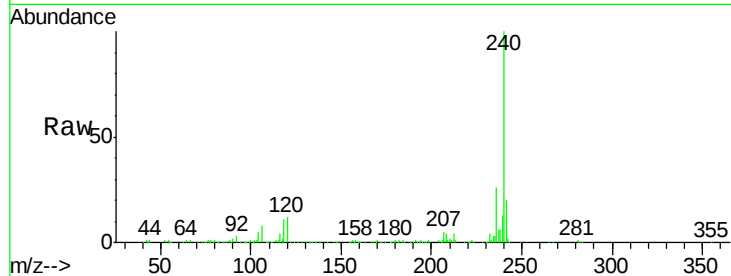




#76
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003440.D
 Acq: 06 Nov 2018 20:19

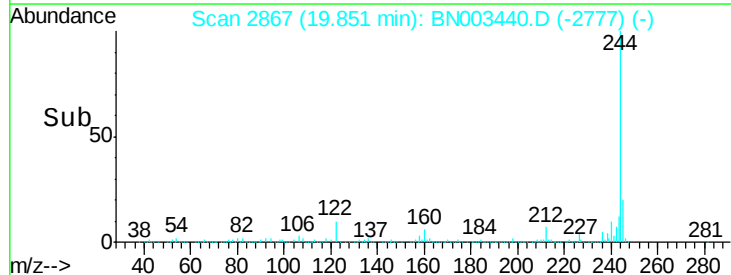
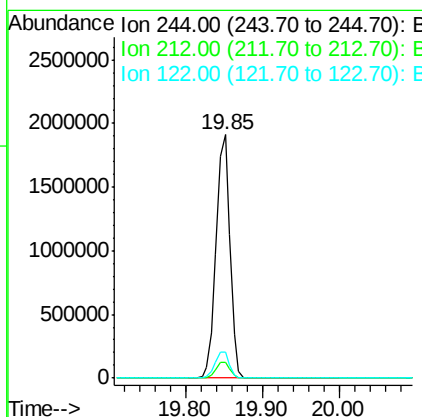
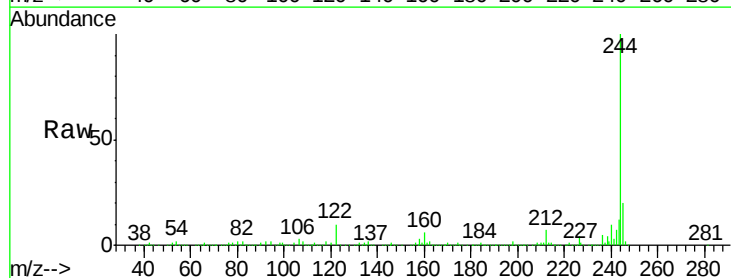
Instrument :
 BNA_N
 ClientSampleId :

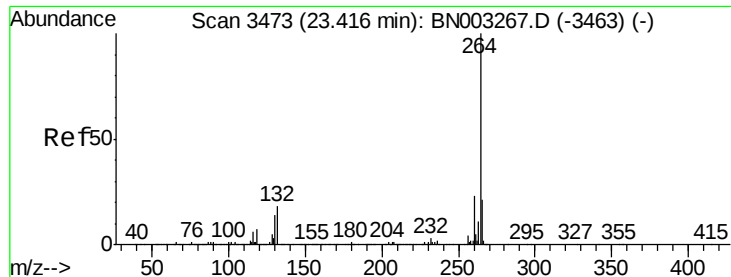
Tot Ion:240 Resp: 511158
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.4 14.0
 236 25.7 20.3 30.5



#79
 Terphenyl-d14
 Concen: 97.72 ng
 RT: 19.85 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BN003440.D
 Acq: 06 Nov 2018 20:19

Tgt Ion:244 Resp: 2335735
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.5 9.4 14.2

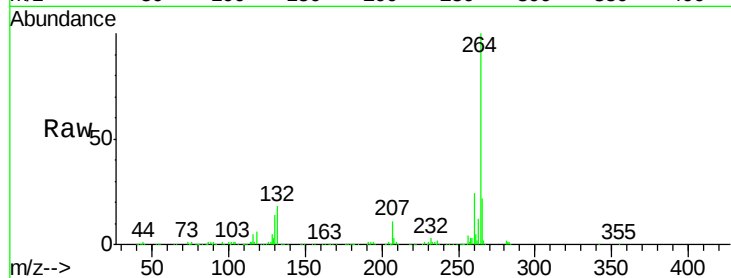




#87
Pervlene-d12
Concen: 20.00 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003440.D
Acq: 06 Nov 2018 20:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.7	16.6	25.0



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

