

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003492.D
 Acq On : 10 Nov 2018 02:59
 Operator : MJ/SJ
 Sample : J5881-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-D-B

Quant Time: Nov 12 03:24:07 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

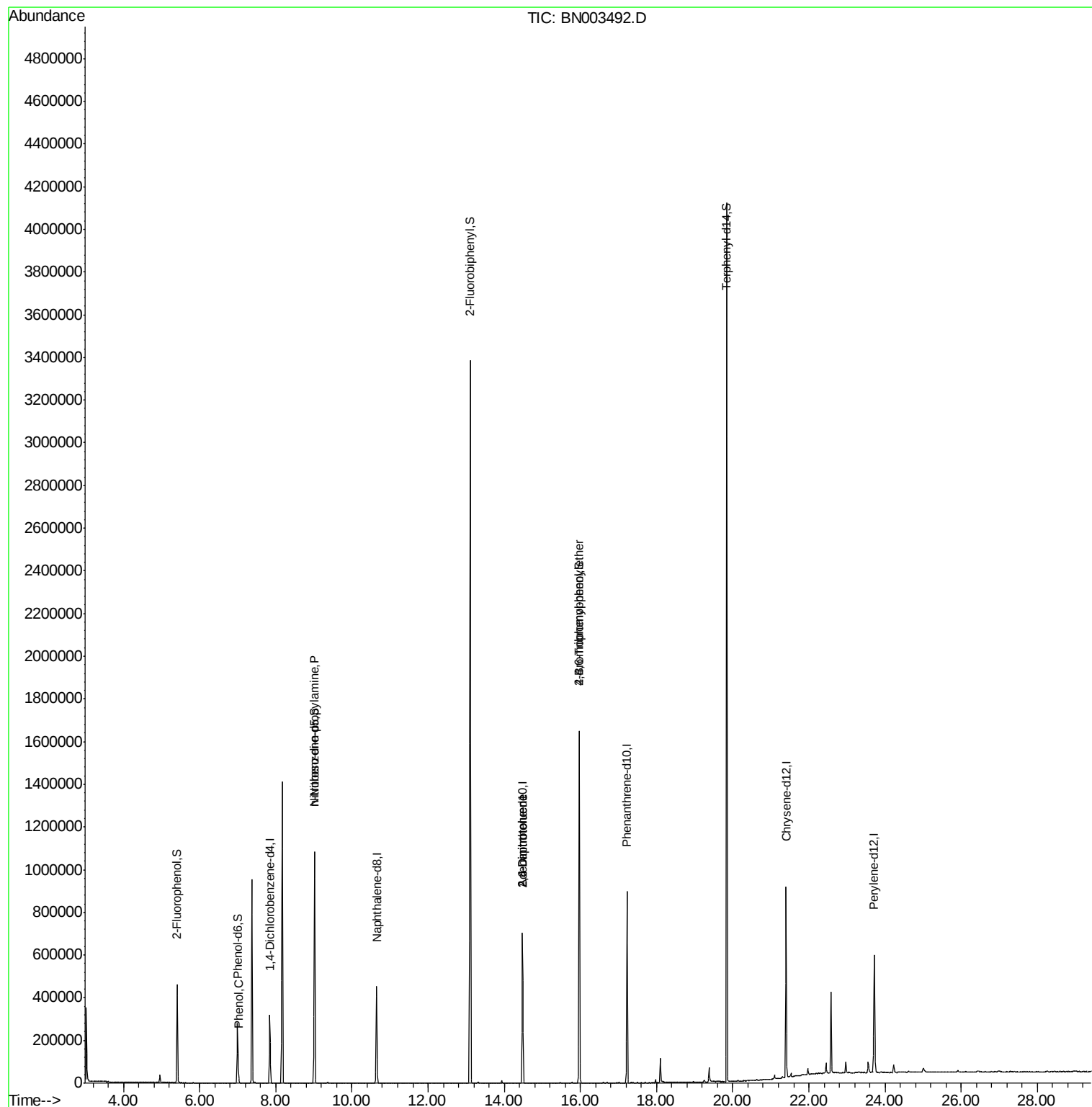
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	87953	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	394294	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	238812	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	519775	20.00	ng	0.00
76) Chrysene-d12	21.40	240	416579	20.00	ng	0.00
87) Perylene-d12	23.72	264	414428	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	203936	40.39	ng	0.00
7) Phenol-d6	7.00	99	161444	22.48	ng	-0.01
23) Nitrobenzene-d5	9.02	82	620763	90.29	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	343083	106.69	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1763880	100.19	ng	0.00
79) Terphenyl-d14	19.85	244	1953344	100.28	ng	0.00
Target Compounds						
10) Phenol	7.03	94	16924	2.233	ng	97
19) n-Nitroso-di-n-propylamine	9.02	70	78873	15.233	ng	# 75
51) 2,6-Dinitrotoluene	14.48	165	30495	6.958	ng	# 29
57) 2,4-Dinitrotoluene	14.48	165	30495	5.132	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	22194	3.791	ng	# 1

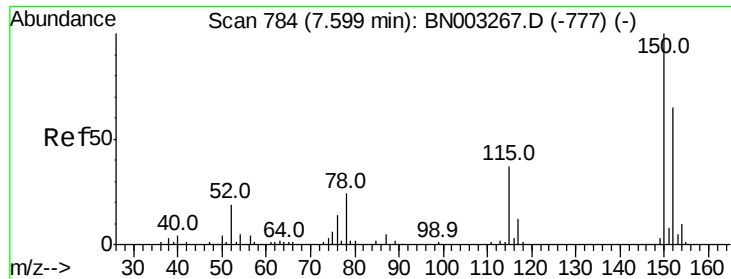
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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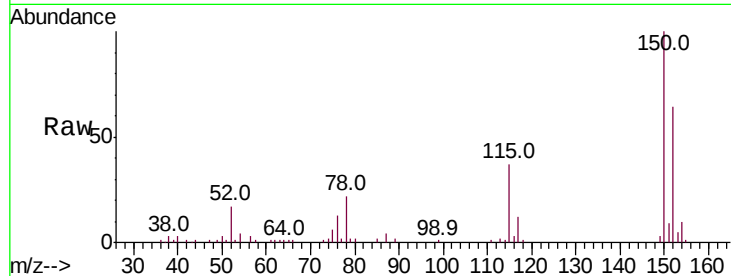


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BN003492.D
 Acq: 10 Nov 2018 02:59

Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.8
115	58.2	45.9	68.9

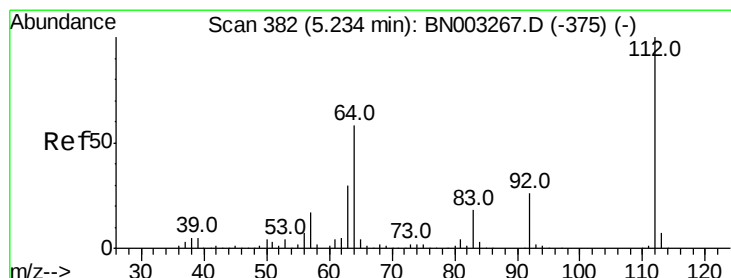
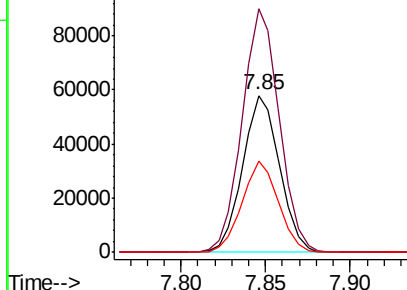
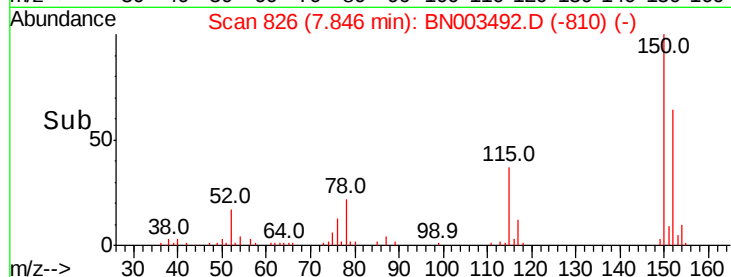


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

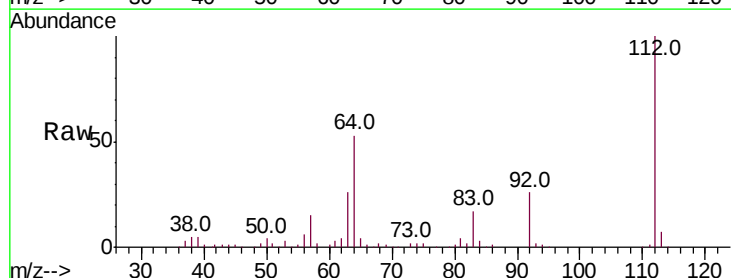
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 40.386 ng
 RT: 5.41 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BN003492.D
 Acq: 10 Nov 2018 02:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.6	69.8
63	26.4	23.8	35.8

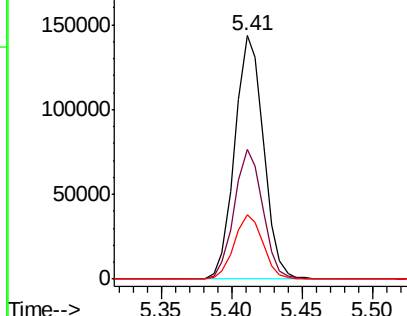
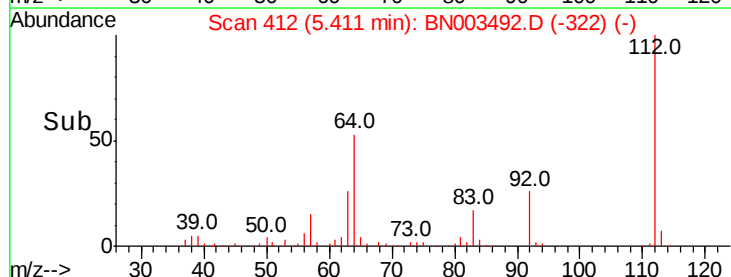


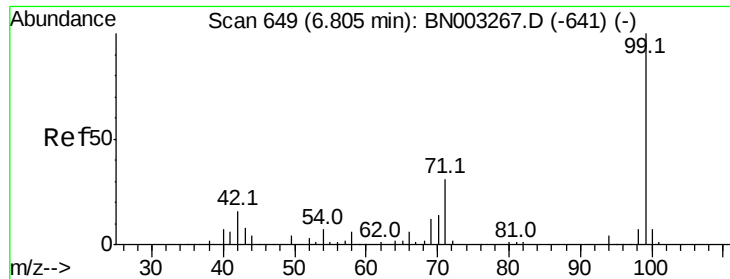
Abundance

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: 22.484 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-D-B

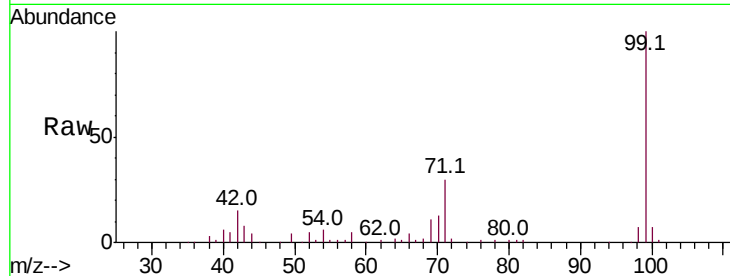
Tot Ion: 99 Resp: 161444

Ion Ratio Lower Upper

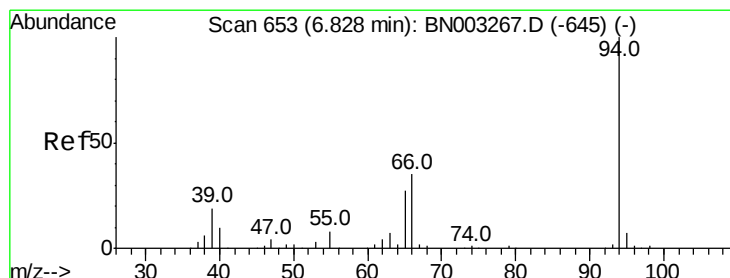
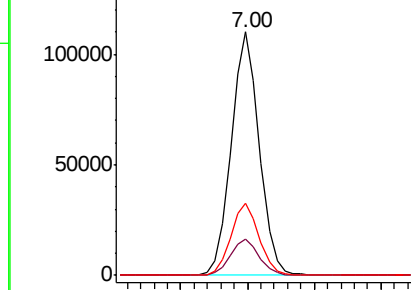
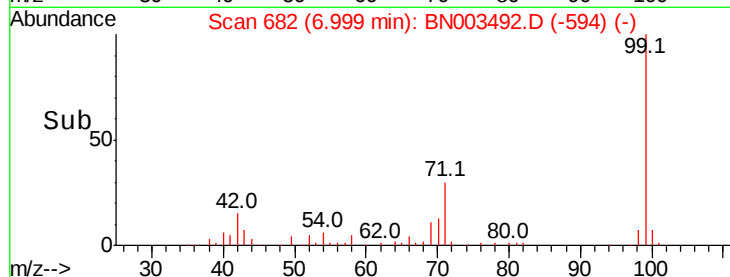
99 100

42 14.7 13.0 19.6

71 29.7 24.5 36.7



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



#10

Phenol

Concen: 2.233 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

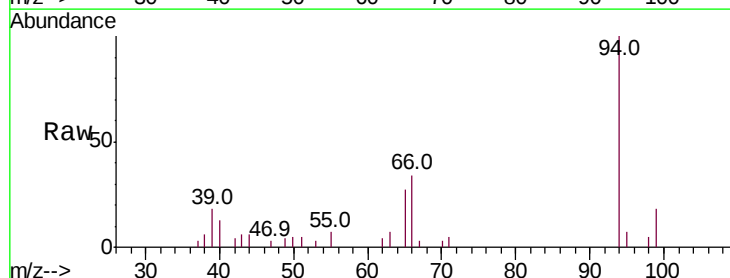
Tgt Ion: 94 Resp: 16924

Ion Ratio Lower Upper

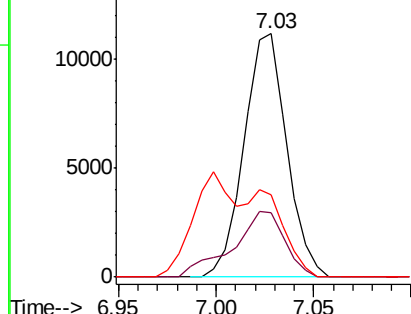
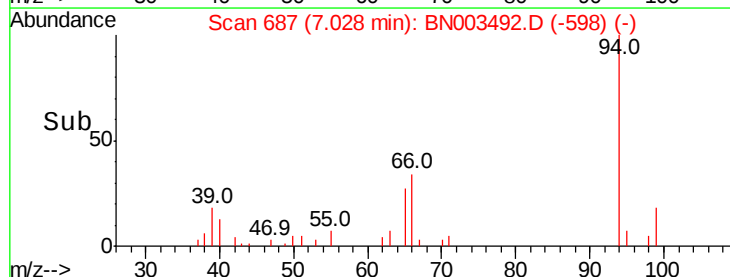
94 100

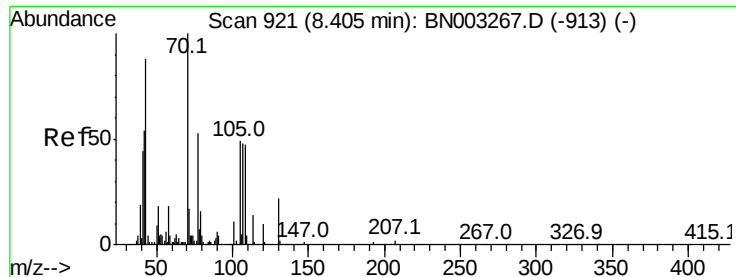
65 26.6 7.7 47.7

66 33.7 15.8 55.8



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0





#19

n-Nitroso-di-n-propylamine

Concen: 15.233 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-D-B

Tot Ion: 70 Resp: 78873

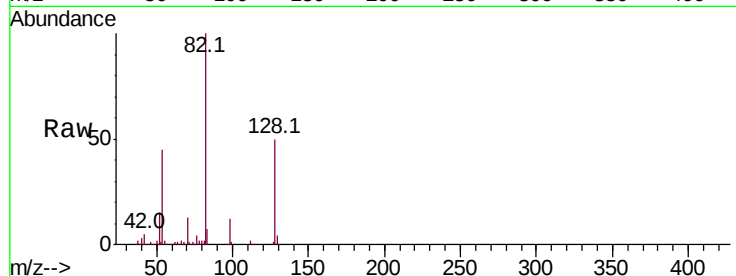
Ion Ratio Lower Upper

70 100

42 41.5 43.5 65.3#

101 0.0 8.6 12.8#

130 2.5 18.0 27.0#

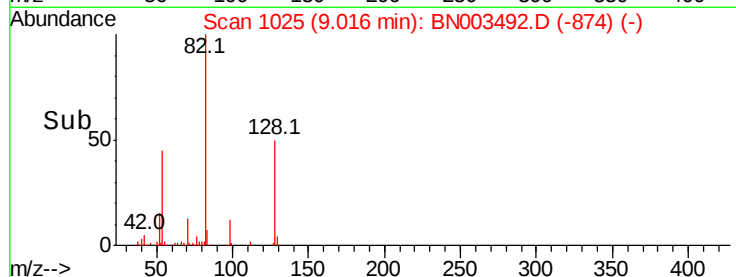
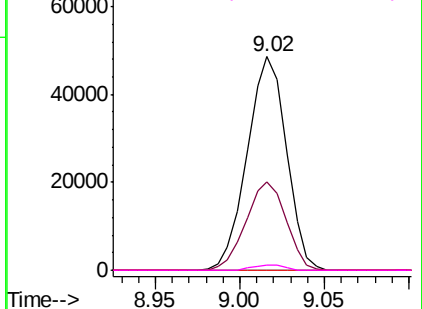


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

Tgt Ion: 136 Resp: 394294

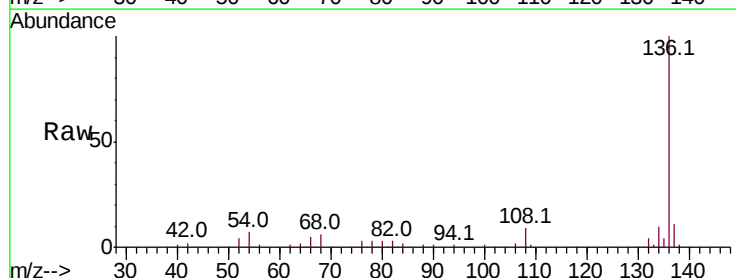
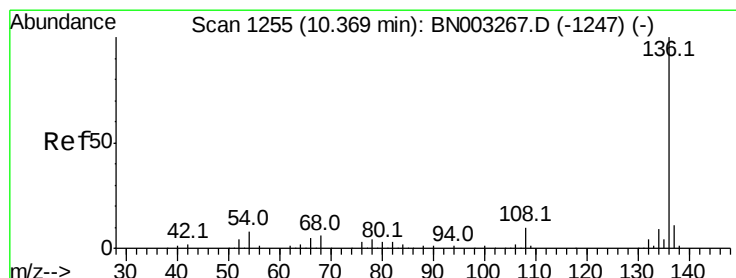
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.1 6.6 10.0

68 6.0 4.6 7.0

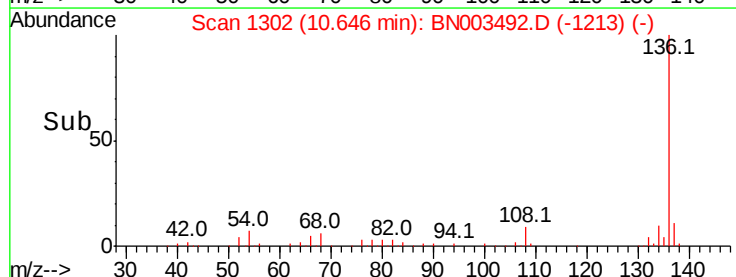
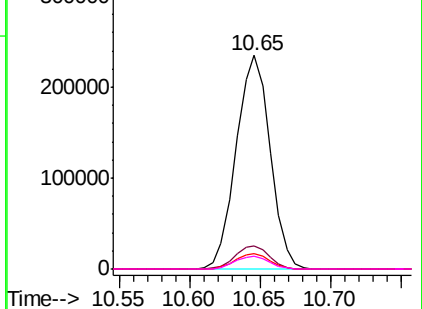


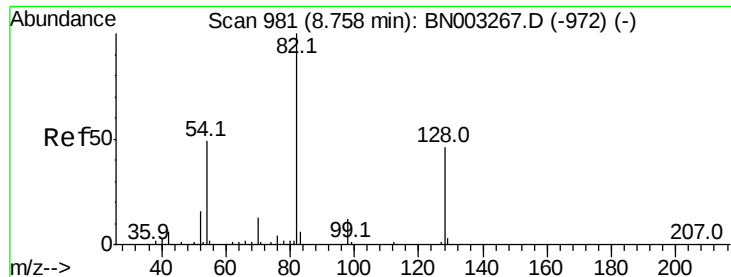
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

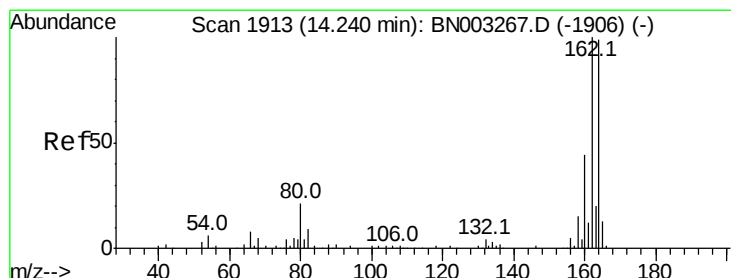
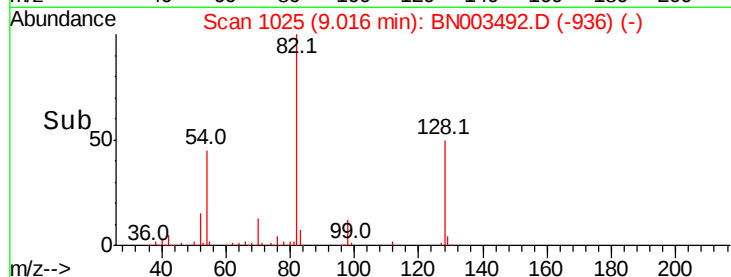
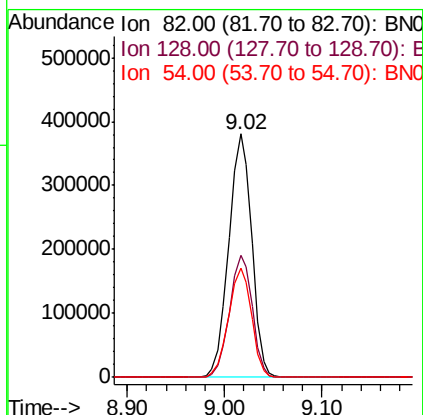
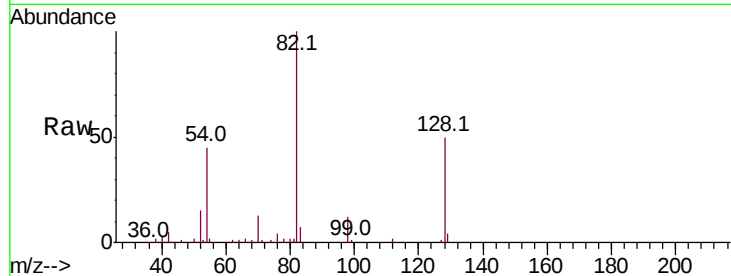




#23
Nitrobenzene-d5
Concen: 90.289 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003492.D
Acq: 10 Nov 2018 02:59

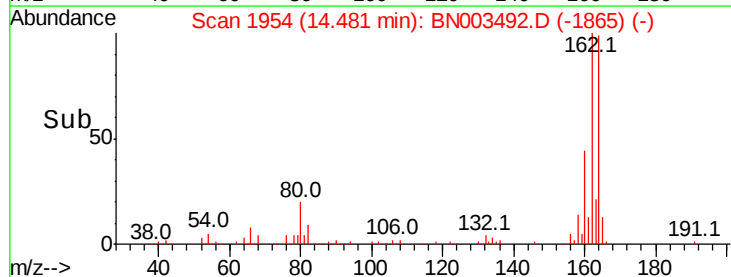
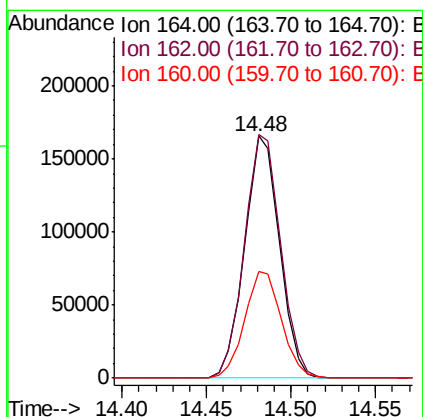
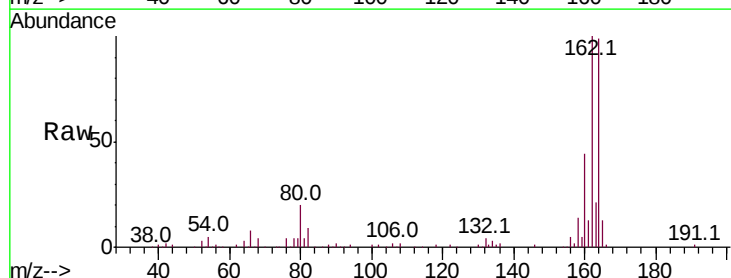
Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-B

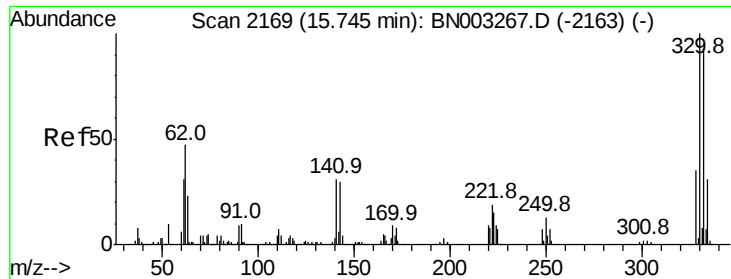
Tot Ion: 82 Resp: 620763
Ion Ratio Lower Upper
82 100
128 50.3 37.1 55.7
54 45.0 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003492.D
Acq: 10 Nov 2018 02:59

Tgt Ion:164 Resp: 238812
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 44.2 35.5 53.3

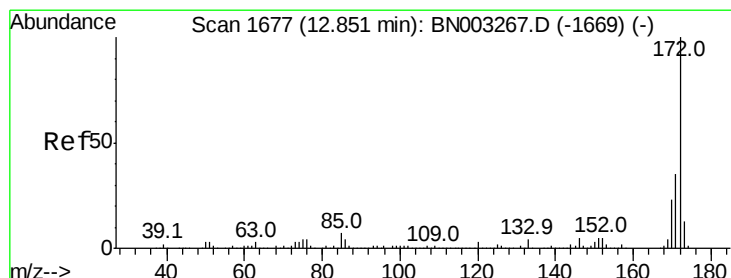
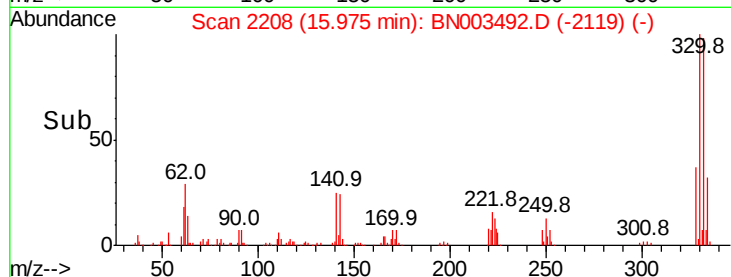
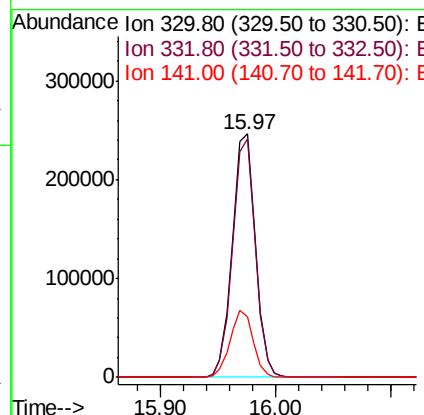
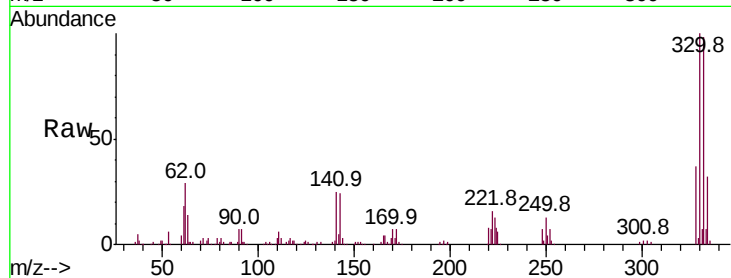




#42
 2,4,6-Tribromophenol
 Concen: 106.691 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003492.D
 Acq: 10 Nov 2018 02:59

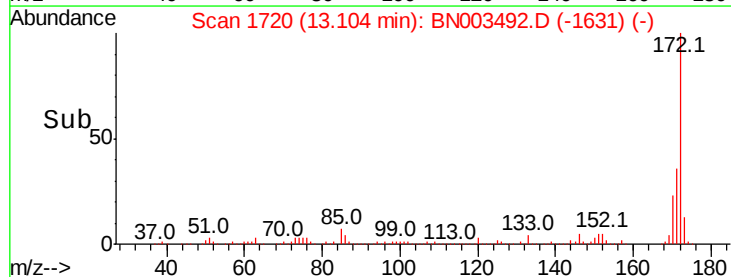
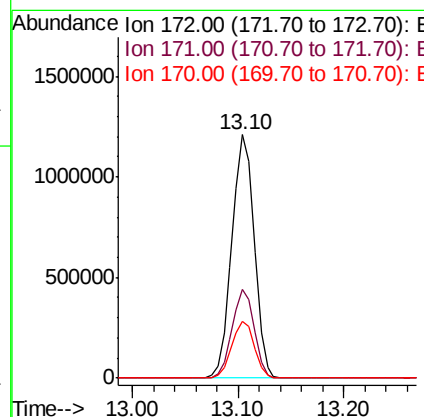
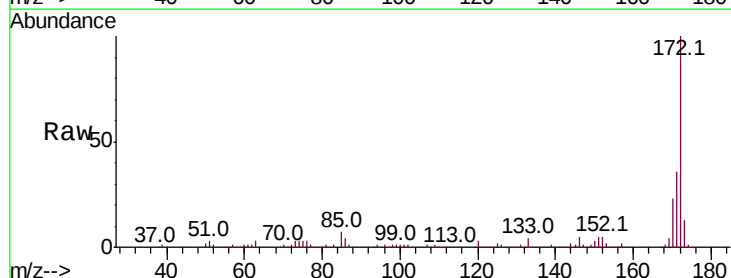
Instrument :
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 110718-TIPC-F-D-B

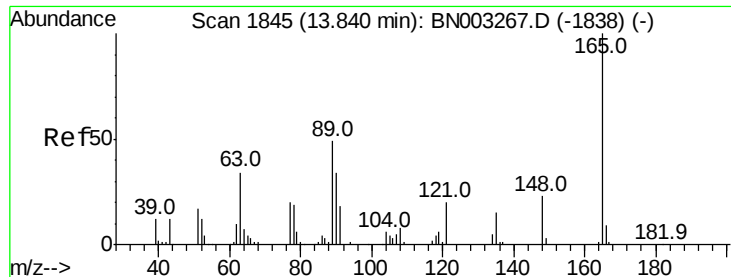
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	27.0	24.5	36.7



#45
 2-Fluorobiphenyl
 Concen: 100.186 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003492.D
 Acq: 10 Nov 2018 02:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.4
170	23.5	18.4	27.6





#51

2,6-Dinitrotoluene

Concen: 6.958 ng

RT: 14.48 min Scan# 1954

Delta R.T. 0.41 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-D-B

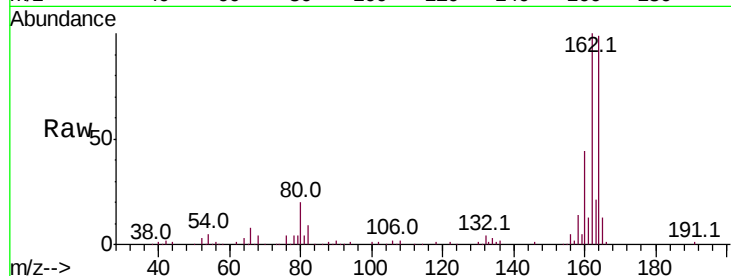
Tot Ion:165 Resp: 30495

Ion Ratio Lower Upper

165 100

63 0.0 39.2 58.8#

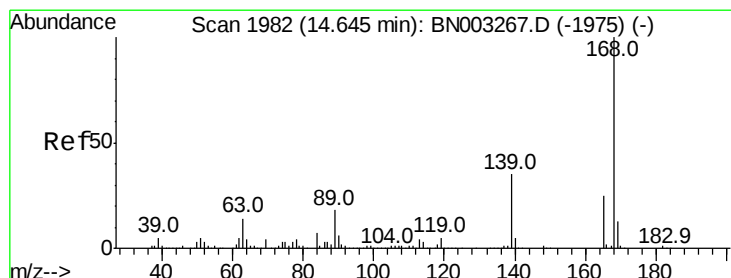
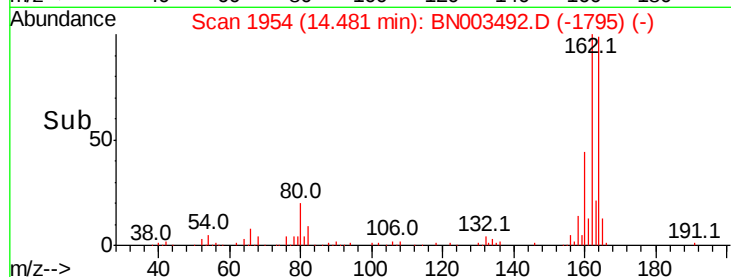
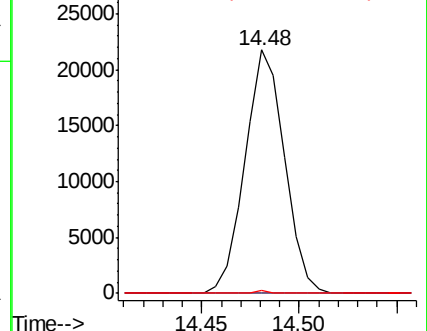
89 1.4 38.9 58.3#



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: 5.132 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.38 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

Tgt Ion:165 Resp: 30495

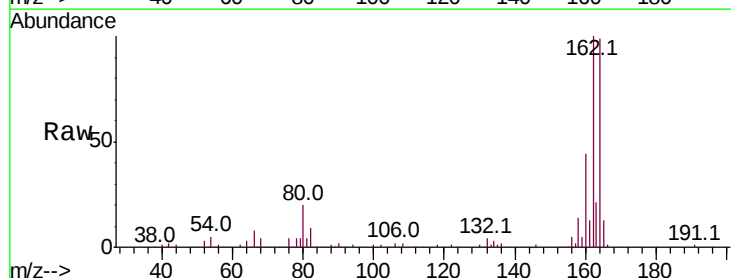
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.6#

89 1.4 58.7 88.1#

182 0.0 2.3 3.5#

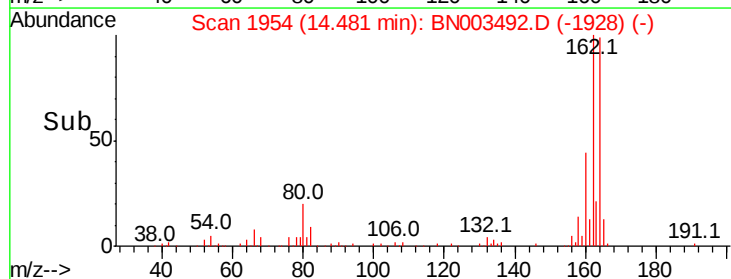
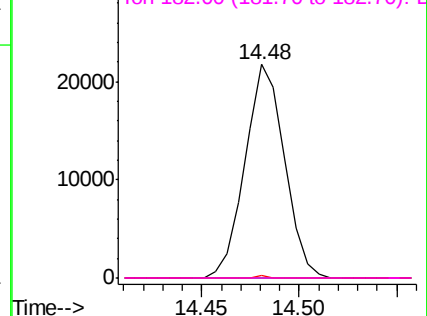


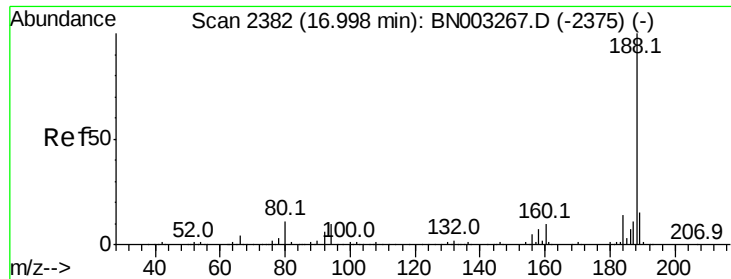
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-D-B

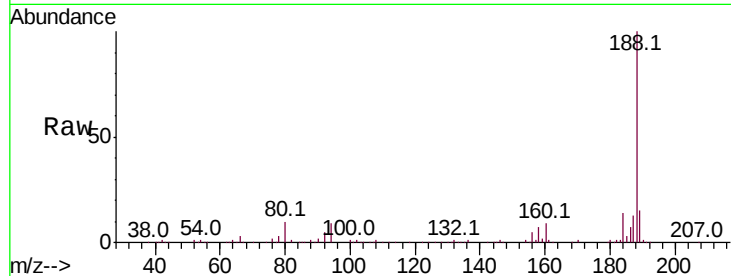
Tot Ion:188 Resp: 519775

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

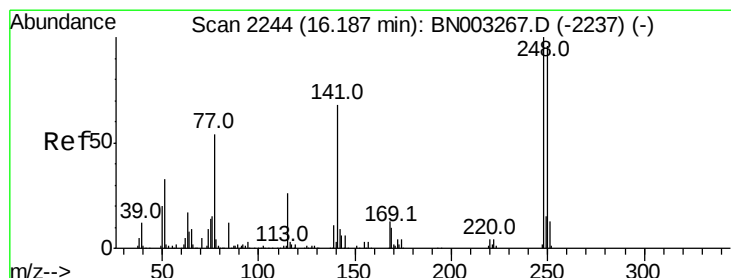
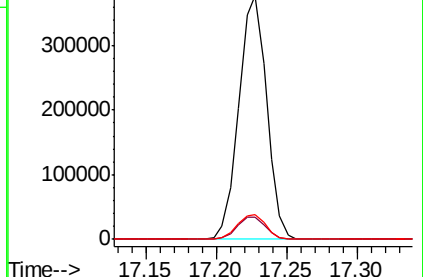
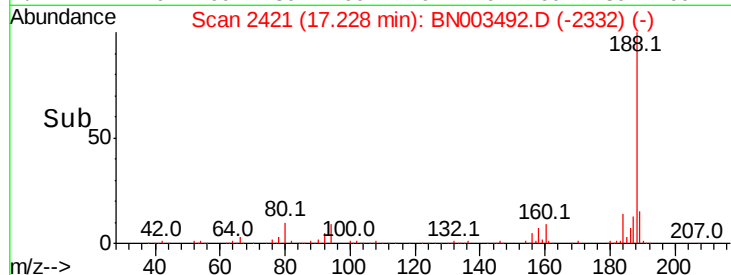
80 10.3 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.791 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003492.D

Acq: 10 Nov 2018 02:59

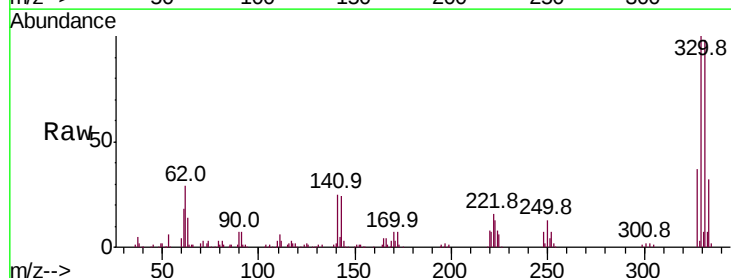
Tgt Ion:248 Resp: 22194

Ion Ratio Lower Upper

248 100

250 199.9 76.4 114.6#

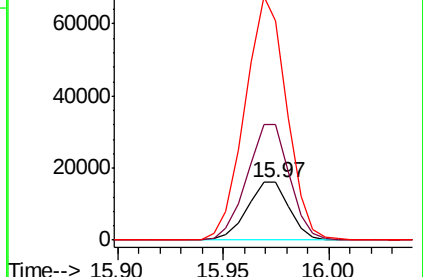
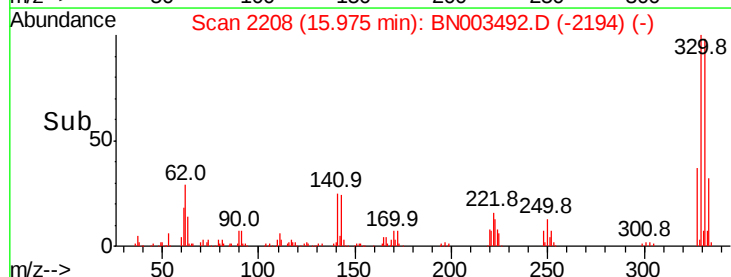
141 378.7 54.2 81.4#

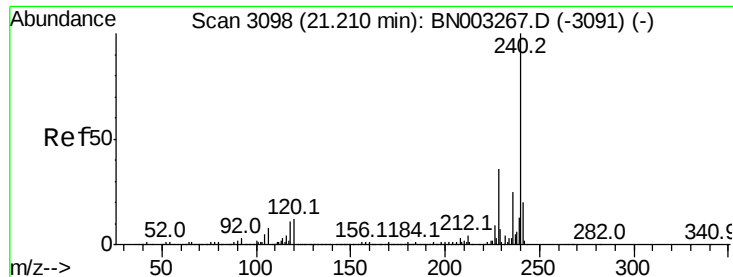


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

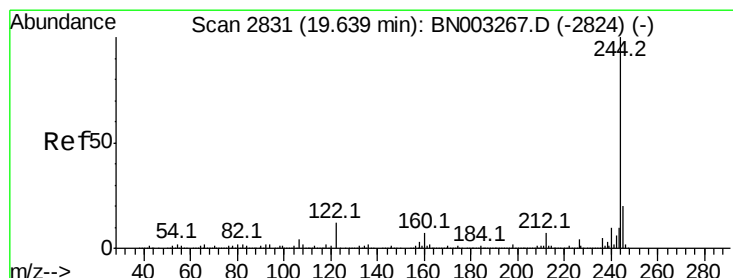
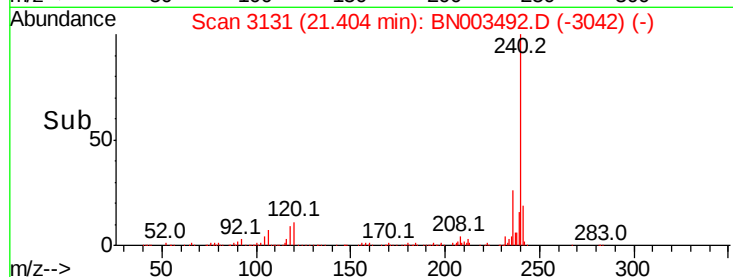
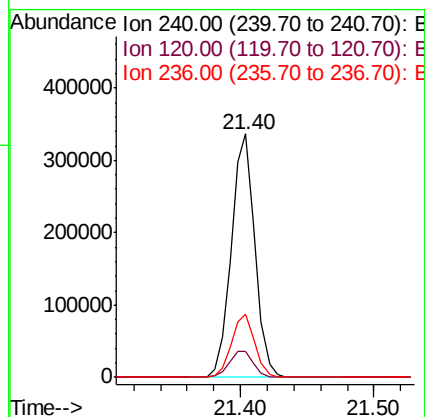
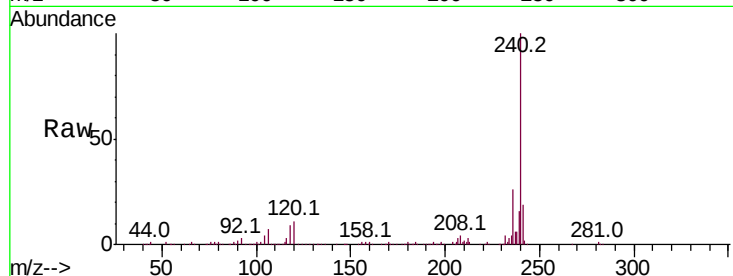




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003492.D
 Acq: 10 Nov 2018 02:59

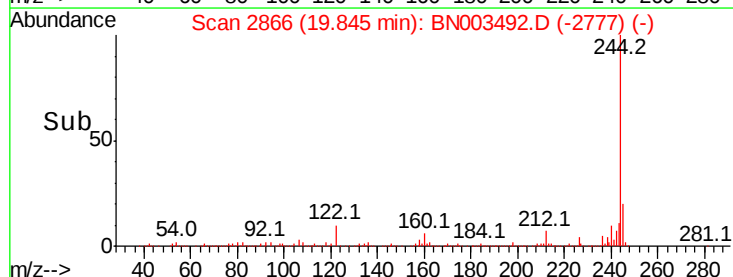
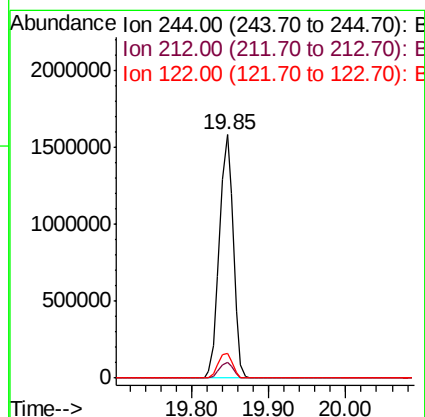
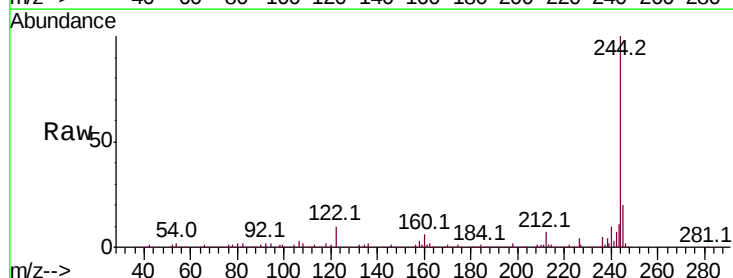
Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-D-B

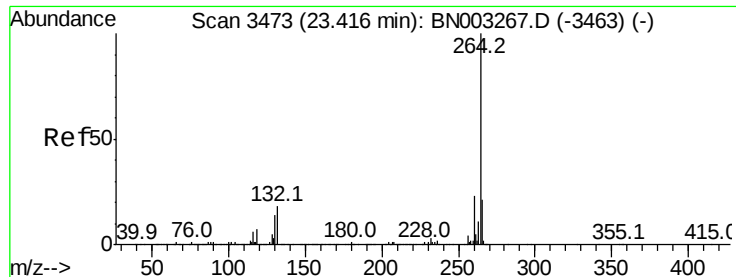
Tot Ion:240 Resp: 416579
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.4 14.0
 236 26.1 20.3 30.5



#79
 Terphenyl-d14
 Concen: 100.277 ng
 RT: 19.85 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BN003492.D
 Acq: 10 Nov 2018 02:59

Tgt Ion:244 Resp: 1953344
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BN003492.D
Acq: 10 Nov 2018 02:59

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-B

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

