

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003496.D
 Acq On : 10 Nov 2018 05:19
 Operator : MJ/SJ
 Sample : J5881-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110718-JETT-E-D-B

Quant Time: Nov 12 03:24:43 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

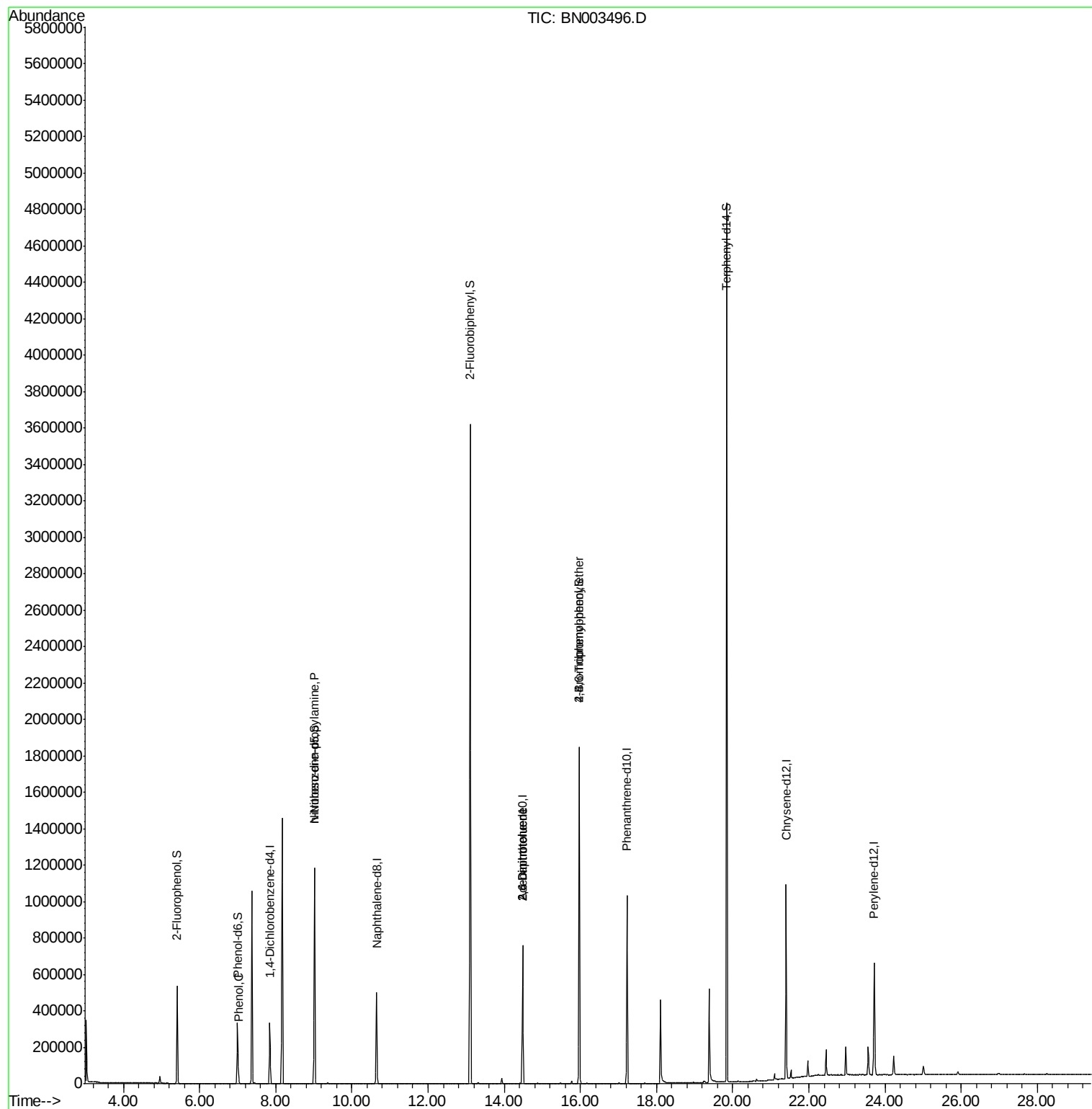
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	95650	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	431676	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	262300	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	585695	20.00	ng	0.00
76) Chrysene-d12	21.40	240	477431	20.00	ng	0.00
87) Perylene-d12	23.72	264	452352	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	236551	43.07	ng	0.00
7) Phenol-d6	7.00	99	194690	24.93	ng	-0.01
23) Nitrobenzene-d5	9.02	82	669955	89.01	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	378403	107.14	ng	-0.01
45) 2-Fluorobiphenyl	13.10	172	1904103	98.47	ng	0.00
79) Terphenyl-d14	19.85	244	2309017	103.43	ng	0.00
Target Compounds						
10) Phenol	7.02	94	23194	2.815	ng	98
19) n-Nitroso-di-n-propylamine	9.02	70	84644	15.032	ng	# 75
51) 2,6-Dinitrotoluene	14.48	165	33895	7.041	ng	# 28
57) 2,4-Dinitrotoluene	14.48	165	33895	5.193	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	24427	3.703	ng	# 1

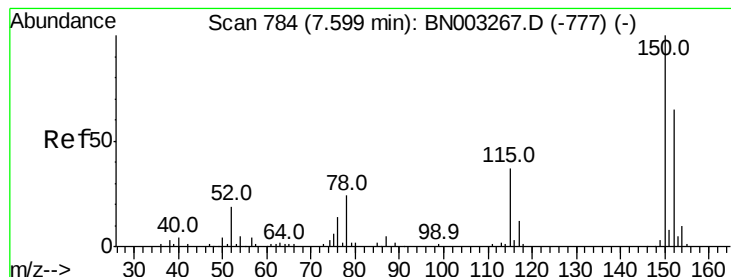
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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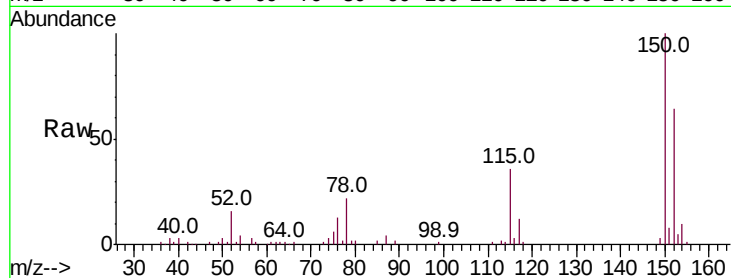


#1

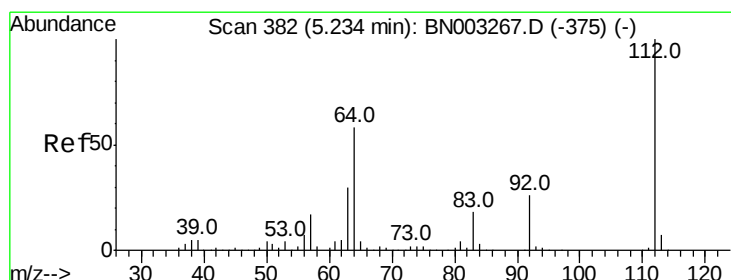
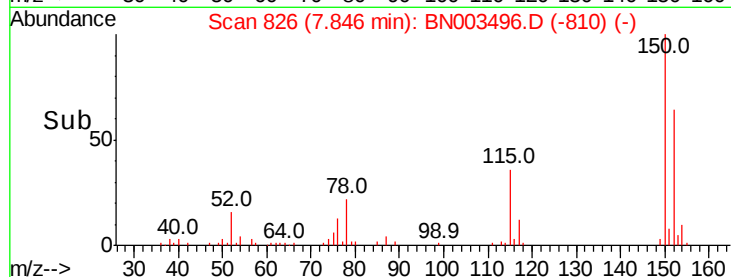
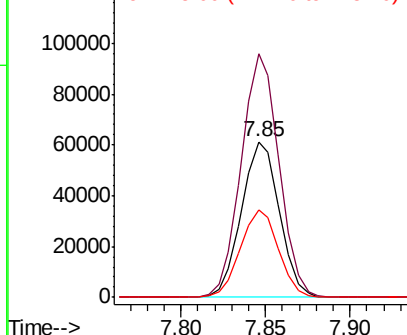
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003496.D
Acq: 10 Nov 2018 05:19

Instrument :
BNA_N
ClientSampleId :
110718-JETT-E-D-B

Tot Ion:152 Resp: 95650
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.8
115 56.6 45.9 68.9



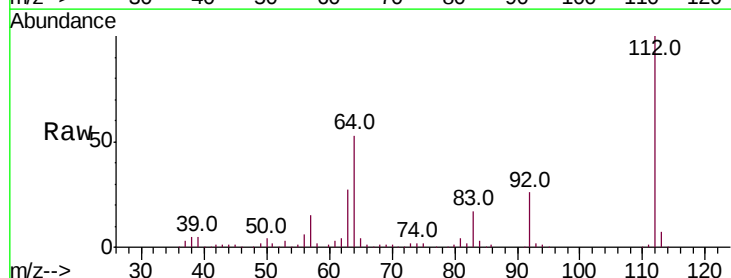
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



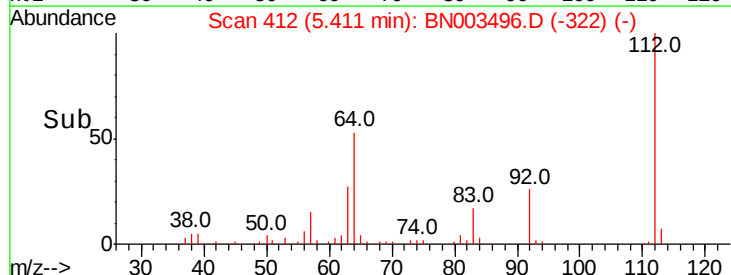
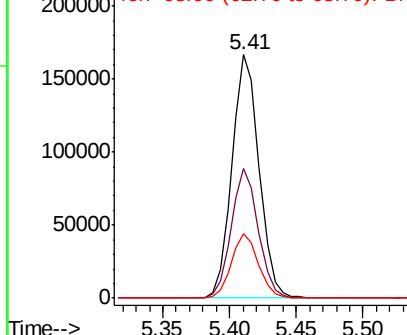
#5

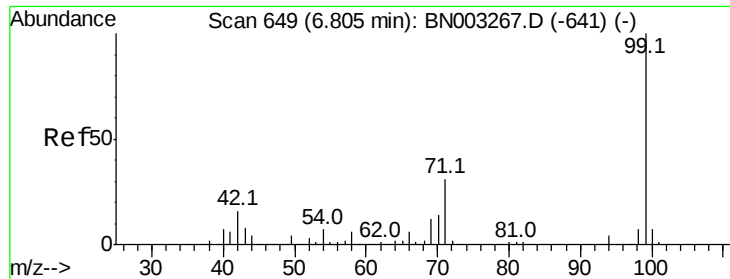
2-Fluorophenol
Concen: 43.075 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.00 min
Lab File: BN003496.D
Acq: 10 Nov 2018 05:19

Tgt Ion:112 Resp: 236551
Ion Ratio Lower Upper
112 100
64 53.2 46.6 69.8
63 26.6 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: 24.932 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003496.D

Acq: 10 Nov 2018 05:19

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-B

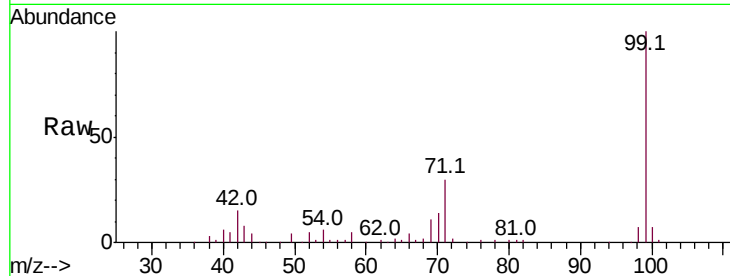
Tot Ion: 99 Resp: 194690

Ion Ratio Lower Upper

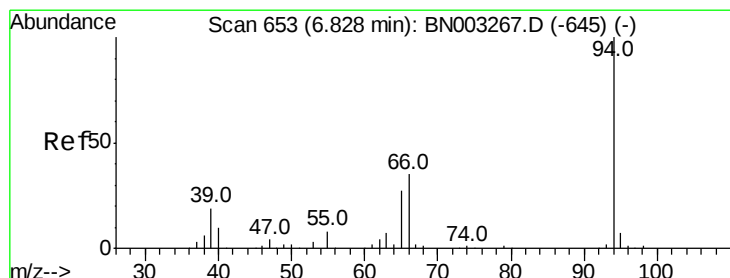
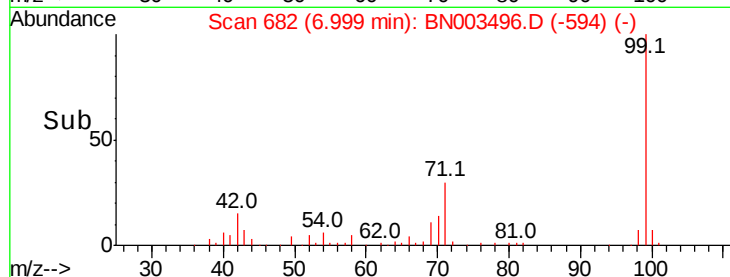
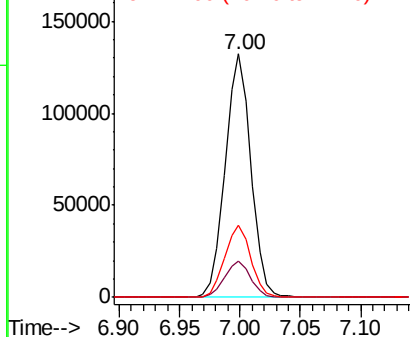
99 100

42 14.7 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



#10

Phenol

Concen: 2.815 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.01 min

Lab File: BN003496.D

Acq: 10 Nov 2018 05:19

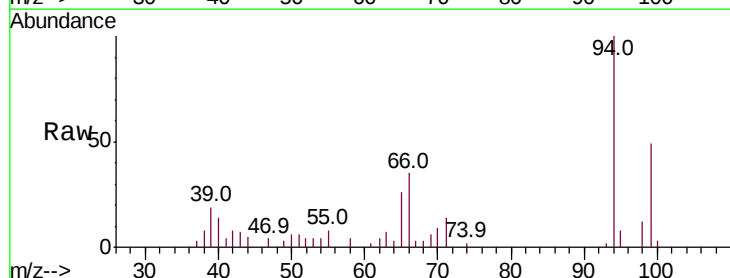
Tgt Ion: 94 Resp: 23194

Ion Ratio Lower Upper

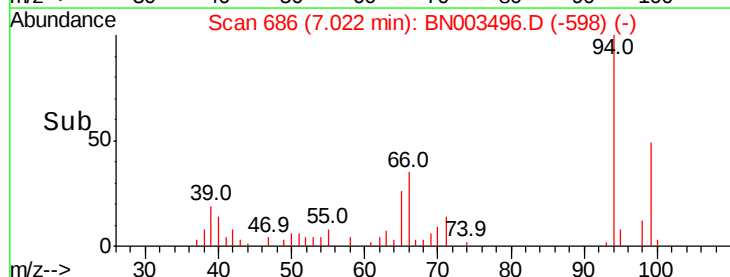
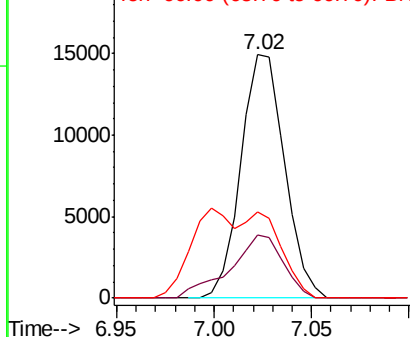
94 100

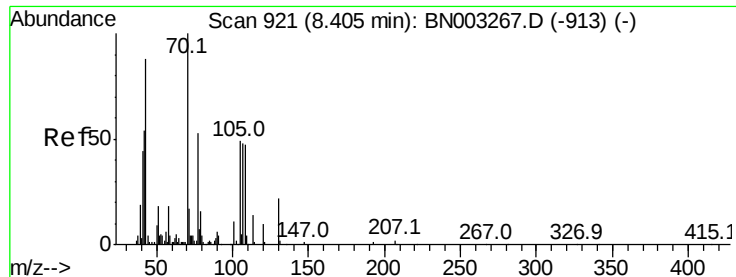
65 25.9 7.7 47.7

66 35.4 15.8 55.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 15.032 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003496.D

Acq: 10 Nov 2018 05:19

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-B

Tot Ion: 70 Resp: 84644

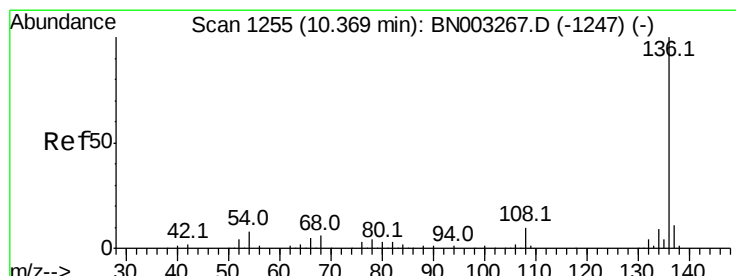
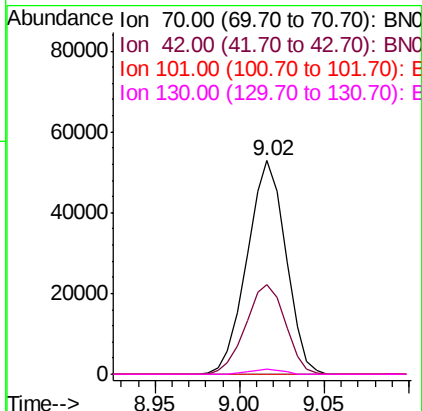
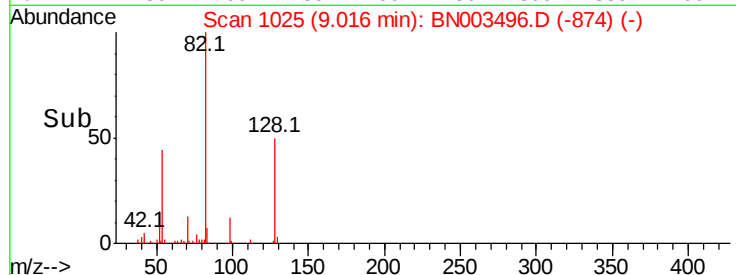
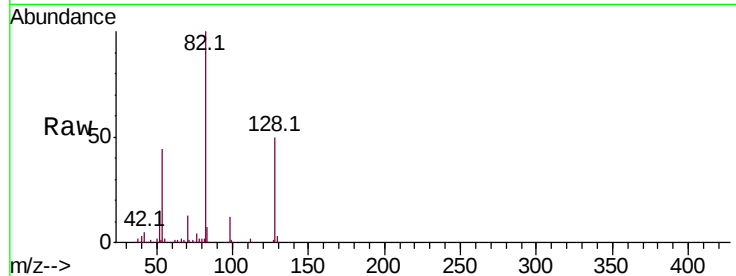
Ion Ratio Lower Upper

70 100

42 42.1 43.5 65.3#

101 0.0 8.6 12.8#

130 2.4 18.0 27.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003496.D

Acq: 10 Nov 2018 05:19

Tgt Ion: 136 Resp: 431676

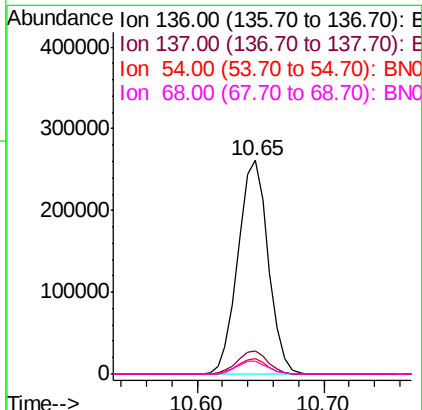
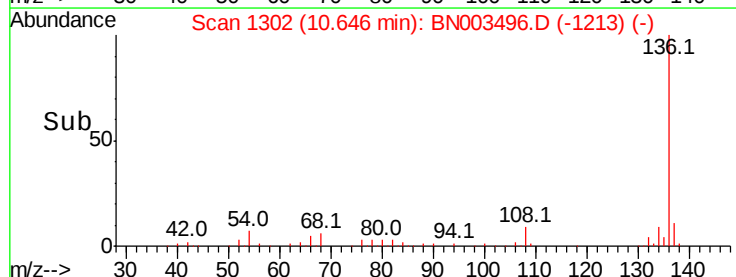
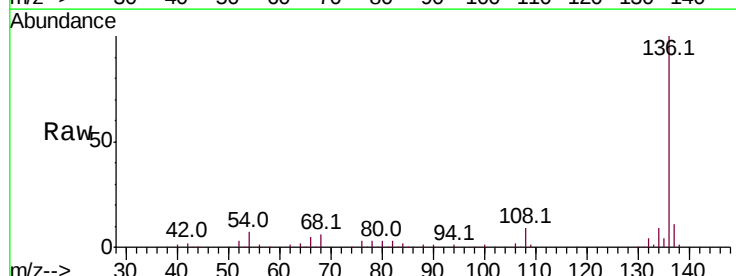
Ion Ratio Lower Upper

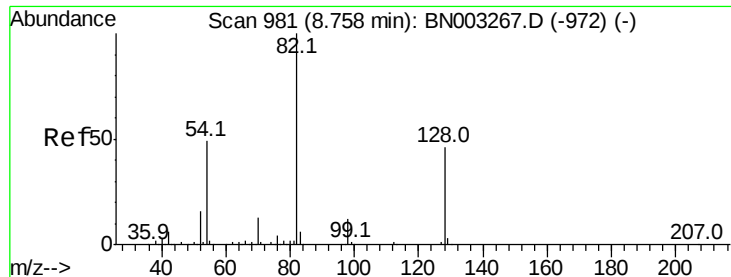
136 100

137 10.9 8.7 13.1

54 7.0 6.6 10.0

68 5.9 4.6 7.0

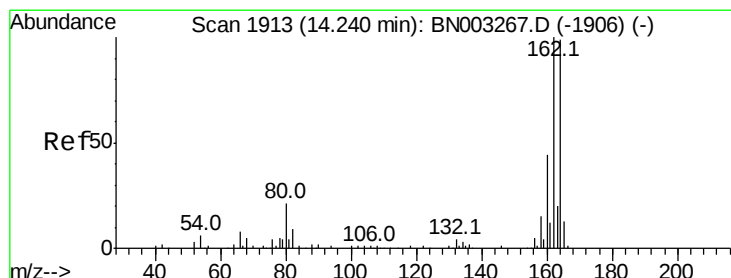
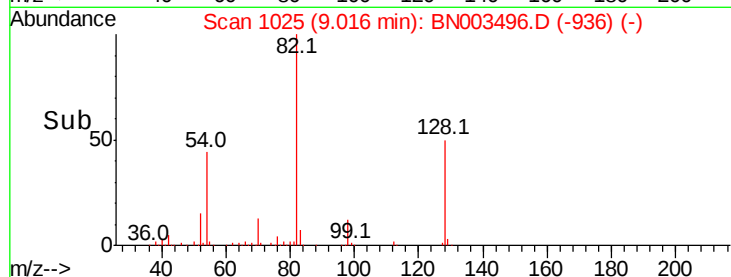
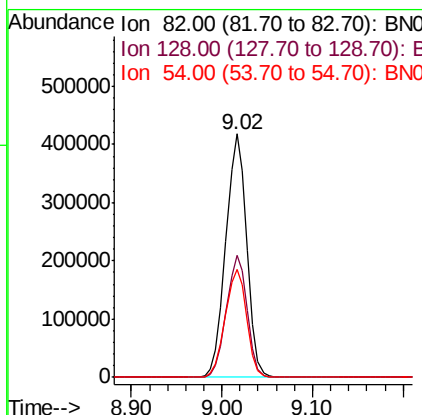
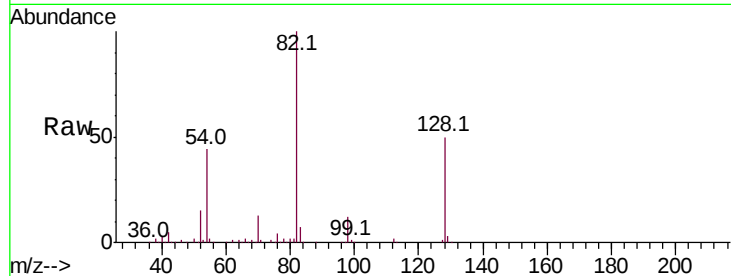




#23
 Nitrobenzene-d5
 Concen: 89.005 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

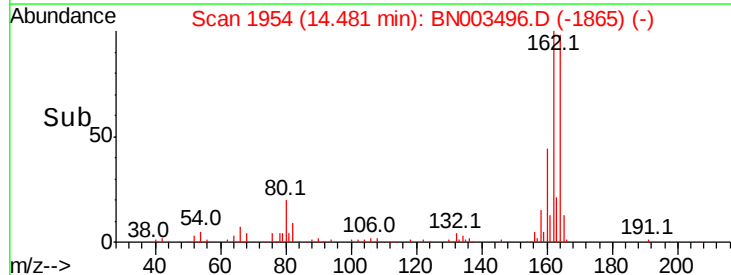
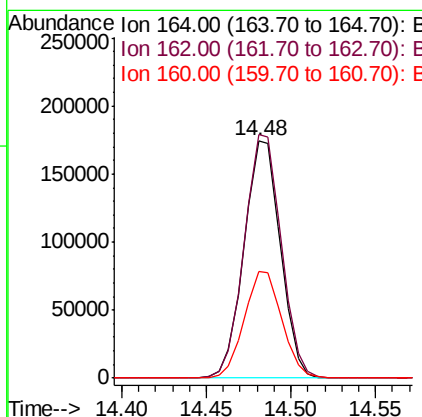
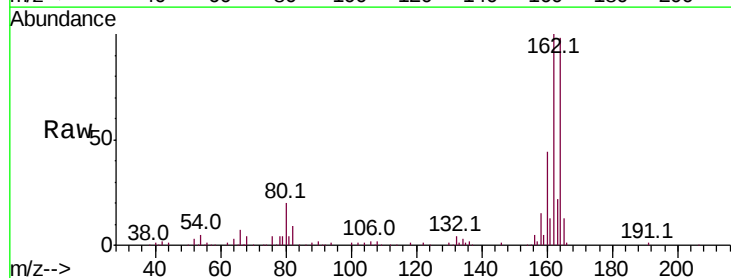
Instrument :
 BNA_N
 ClientSampleId :
 110718-JETT-E-D-B

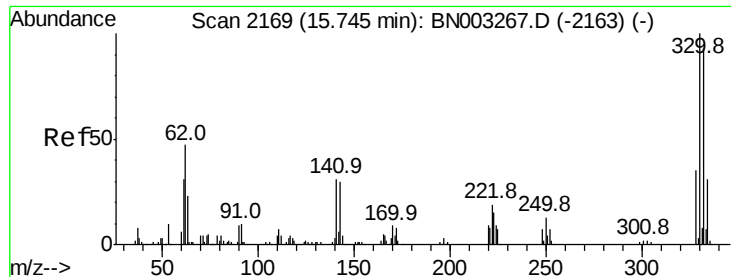
Tot Ion	82	Resp	669955
Ion Ratio	Lower	Upper	
82	100		
128	50.1	37.1	55.7
54	44.2	39.4	59.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

Tgt Ion	164	Resp	262300
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.8	121.2
160	44.8	35.5	53.3

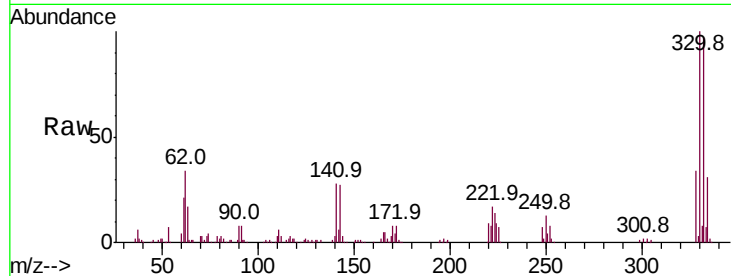




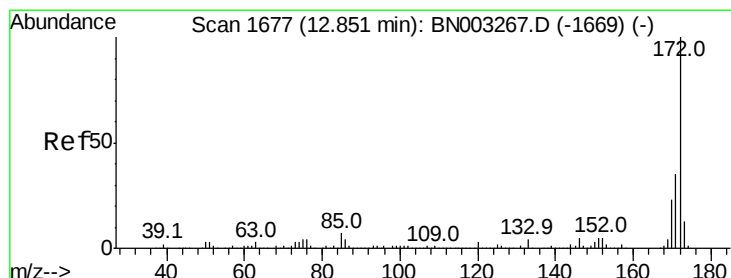
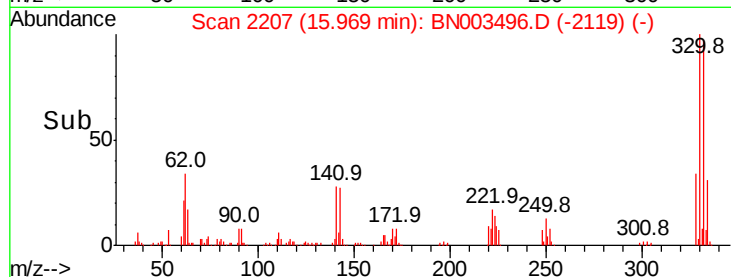
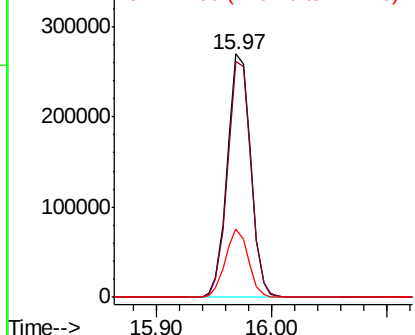
#42
 2,4,6-Tribromophenol
 Concen: 107.137 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

Instrument :
 BNA_N
 ClientSampleId :
 110718-JETT-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	27.4	24.5	36.7

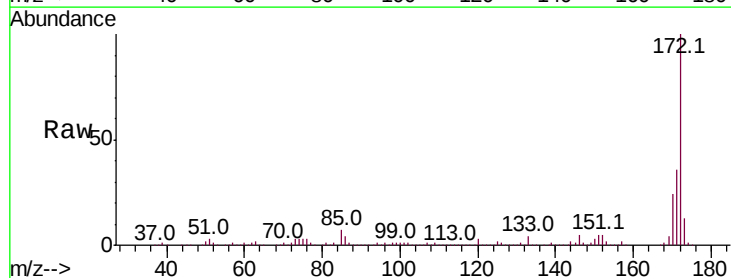


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

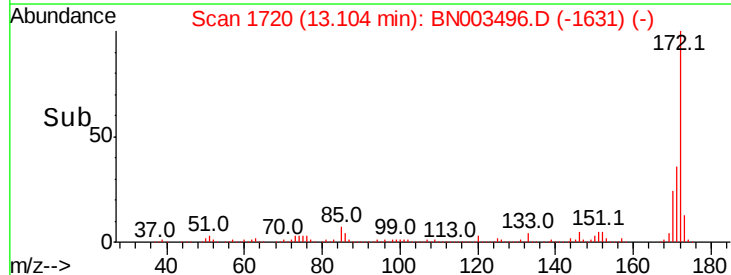
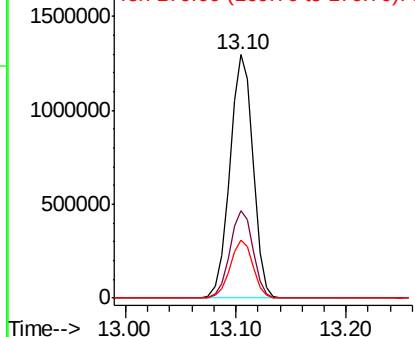


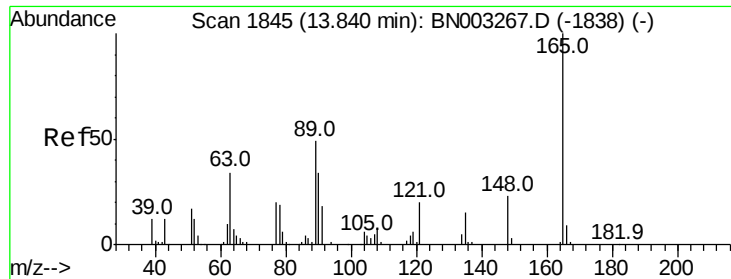
#45
 2-Fluorobiphenyl
 Concen: 98.466 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.7	18.4	27.6



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

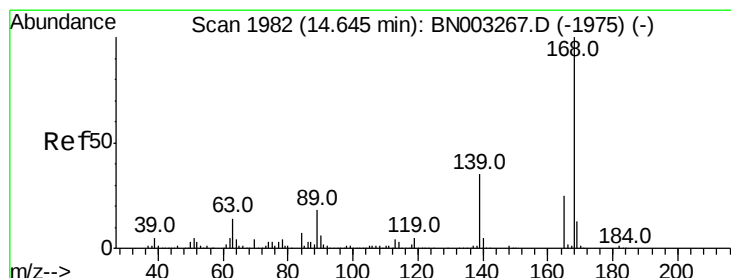
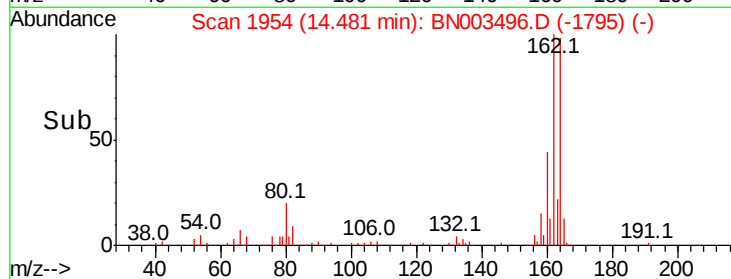
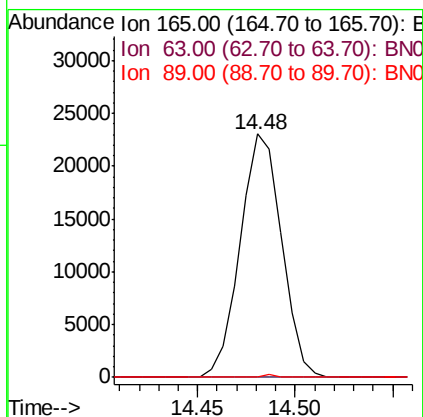
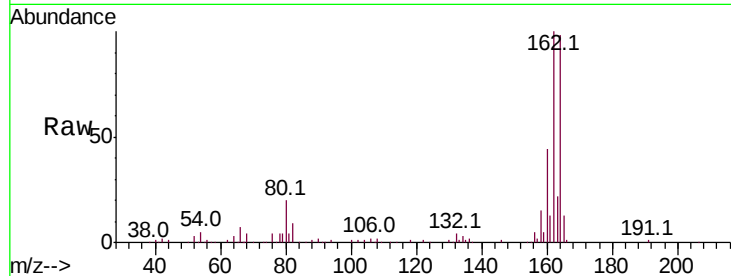




#51
 2,6-Dinitrotoluene
 Concen: 7.041 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

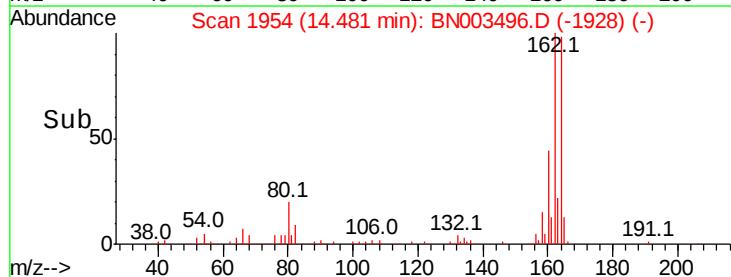
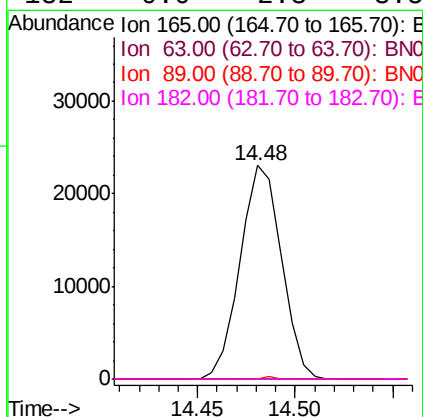
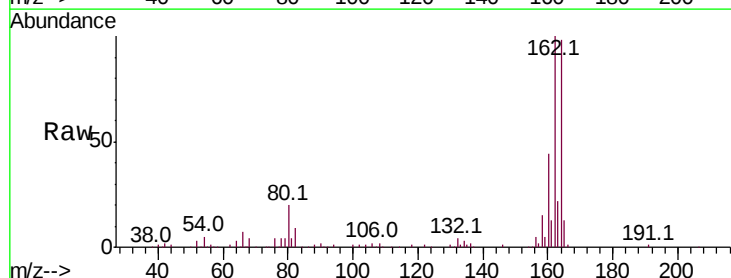
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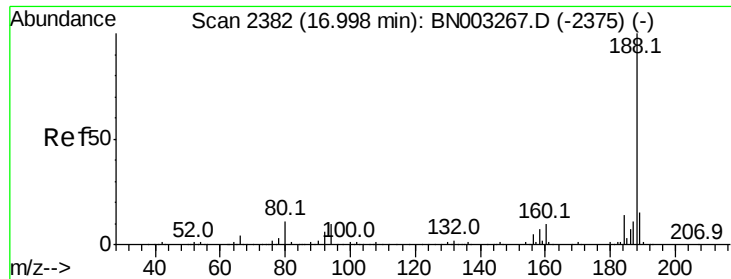
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.2	58.8#
89	0.0	38.9	58.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.193 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.6#
89	0.0	58.7	88.1#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003496.D

Acq: 10 Nov 2018 05:19

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-B

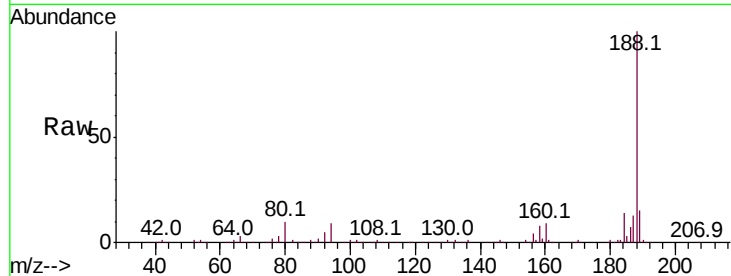
Tot Ion:188 Resp: 585695

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

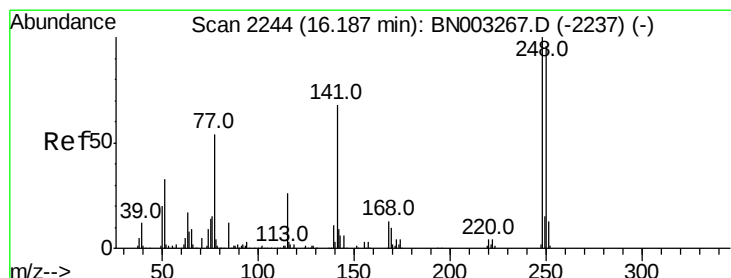
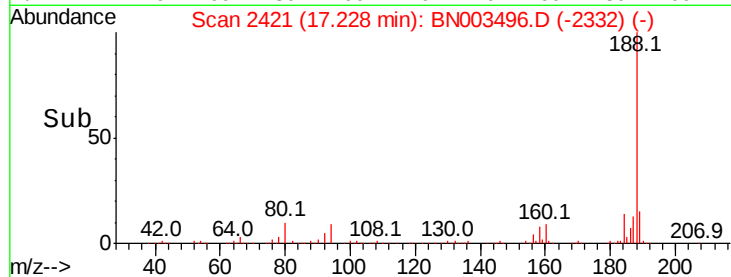
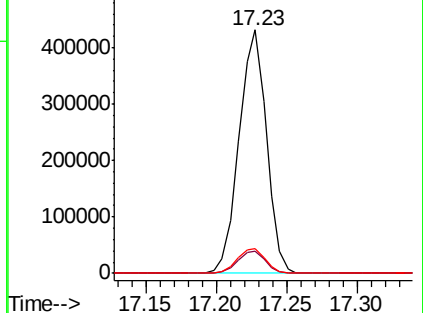
80 10.1 8.6 13.0



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: 3.703 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.45 min

Lab File: BN003496.D

Acq: 10 Nov 2018 05:19

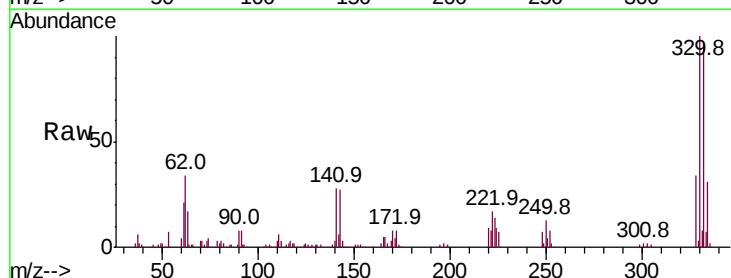
Tgt Ion:248 Resp: 24427

Ion Ratio Lower Upper

248 100

250 200.4 76.4 114.6#

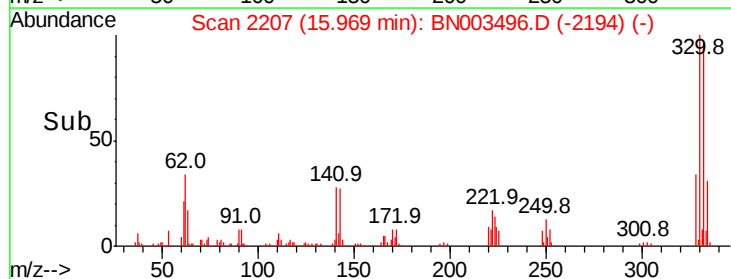
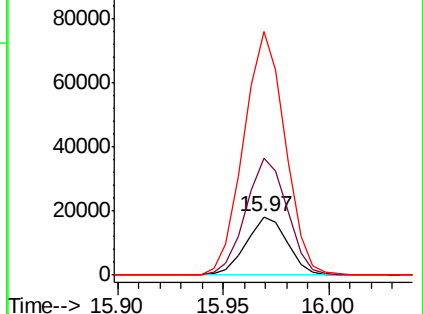
141 418.0 54.2 81.4#

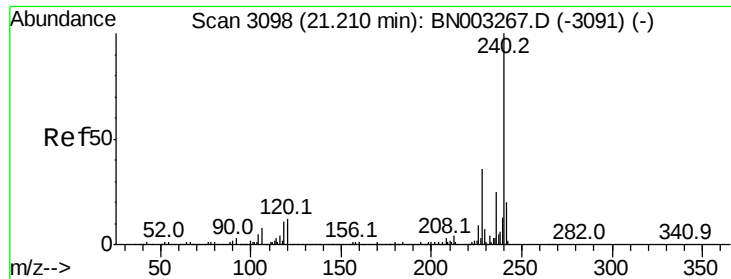


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

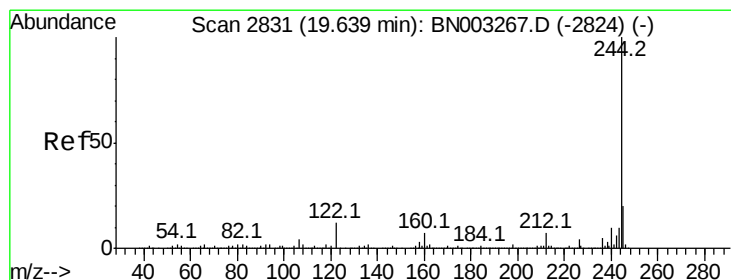
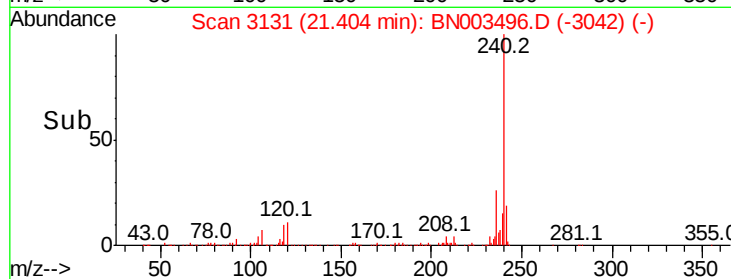
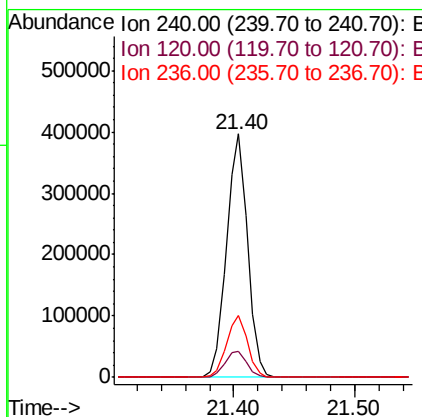
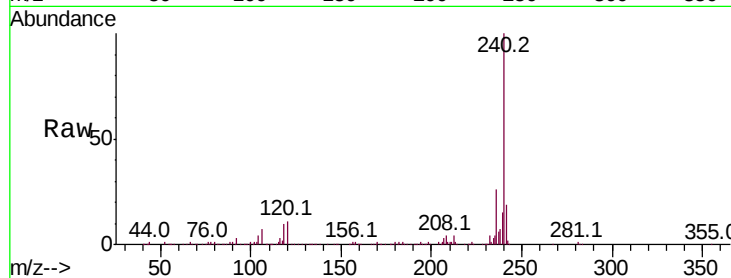




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

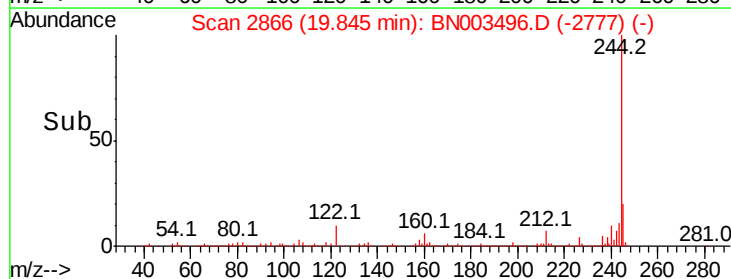
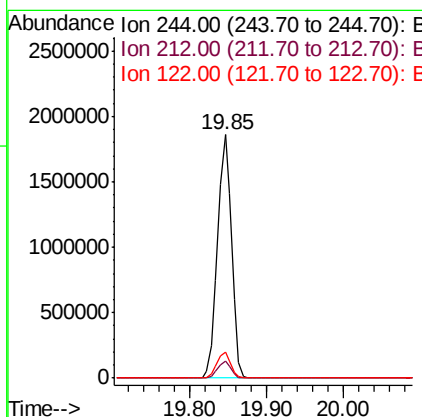
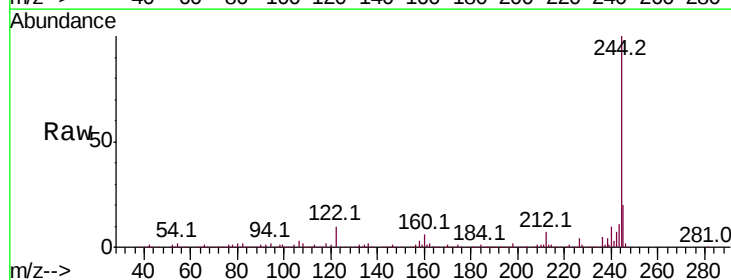
Instrument :
 BNA_N
 ClientSampleId :
 110718-JETT-E-D-B

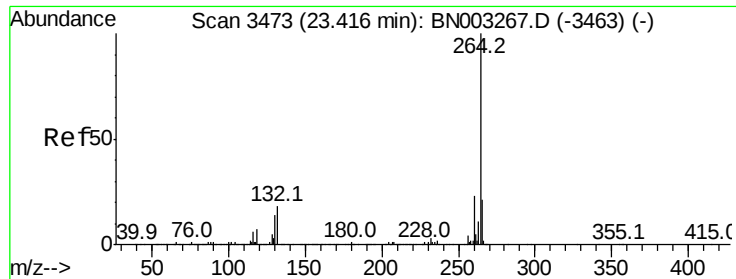
Tot Ion:240 Resp: 477431
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.4 14.0
 236 25.7 20.3 30.5



#79
 Terphenyl-d14
 Concen: 103.427 ng
 RT: 19.85 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BN003496.D
 Acq: 10 Nov 2018 05:19

Tgt Ion:244 Resp: 2309017
 Ion Ratio Lower Upper
 244 100
 212 6.8 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: BN003496.D
Acq: 10 Nov 2018 05:19

Instrument :
BNA_N
ClientSampleId :
110718-JETT-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.4	16.6	25.0

