

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
 Data File : BN003516.D
 Acq On : 13 Nov 2018 17:46
 Operator : MJ/SJ
 Sample : J5909-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-15-D

Quant Time: Nov 14 01:54:53 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

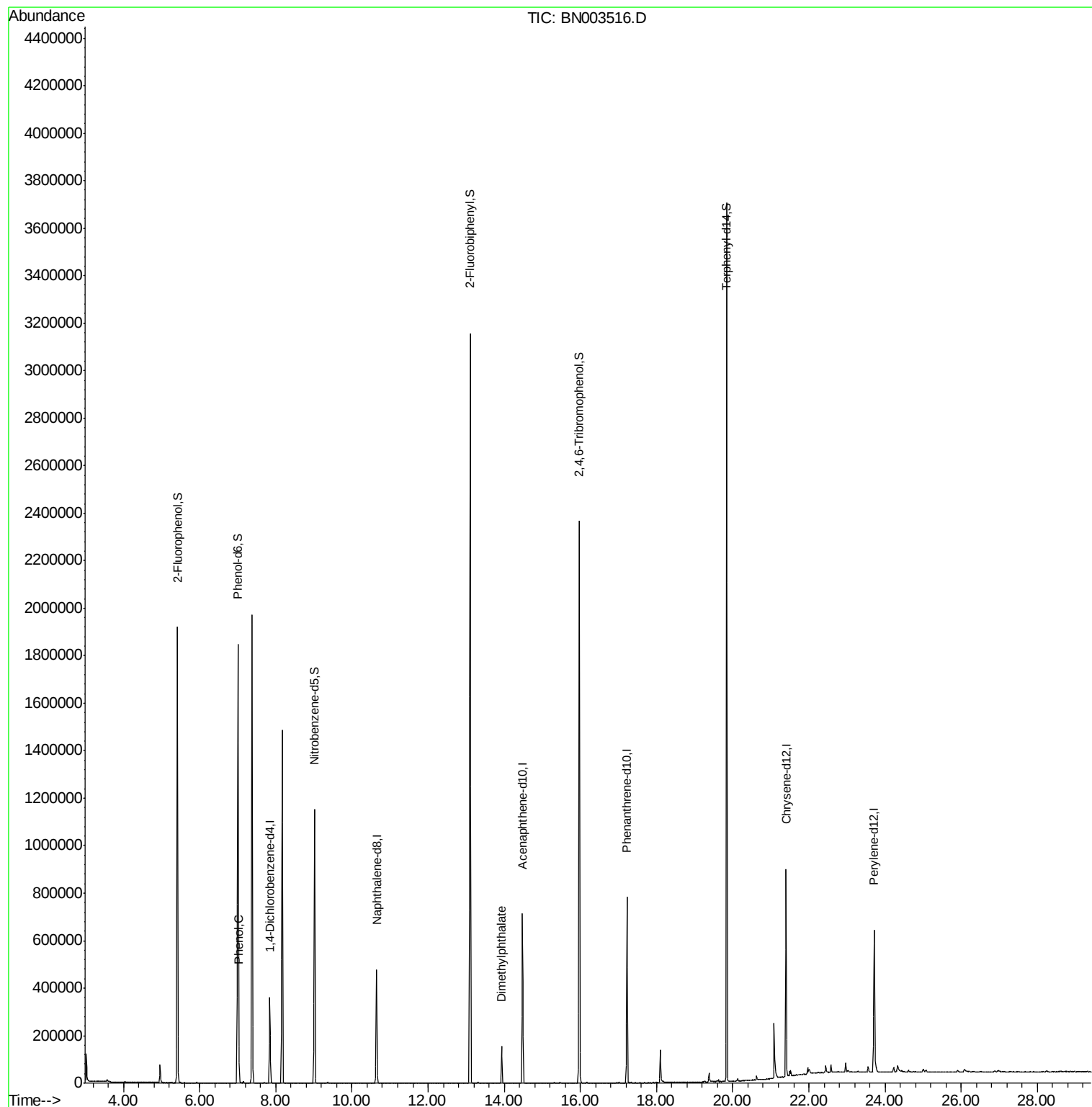
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	100873	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	419443	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	238140	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	467692	20.00	ng	0.00
76) Chrysene-d12	21.40	240	415424	20.00	ng	0.00
87) Perylene-d12	23.72	264	445138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	866792	154.98	ng	0.00
7) Phenol-d6	7.01	99	1162748	149.90	ng	0.00
23) Nitrobenzene-d5	9.02	82	661489	99.27	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	518938	146.18	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1616510	90.60	ng	0.00
79) Terphenyl-d14	19.84	244	1812108	85.88	ng	0.00
Target Compounds						
10) Phenol	7.03	94	55265	6.603	ng	96
50) Dimethylphthalate	13.93	163	103949	5.572	ng	100

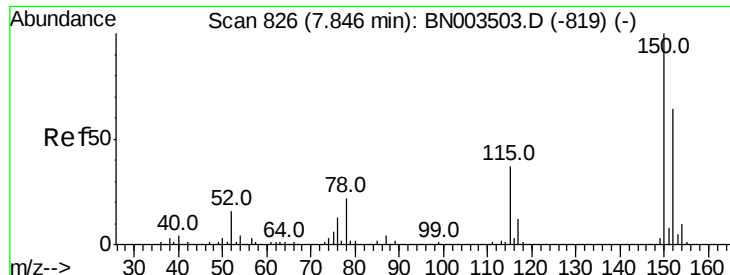
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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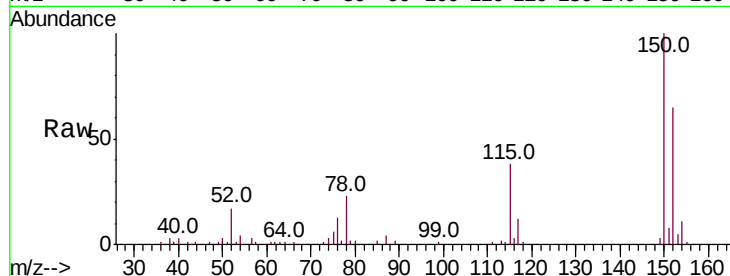


#1

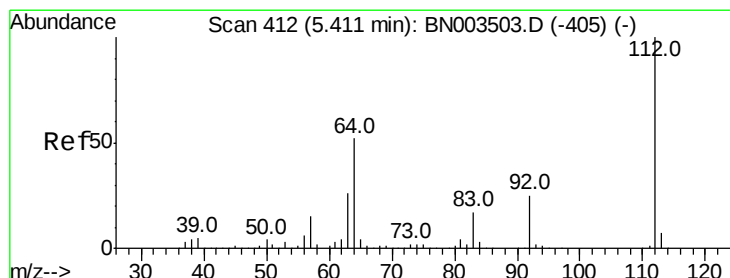
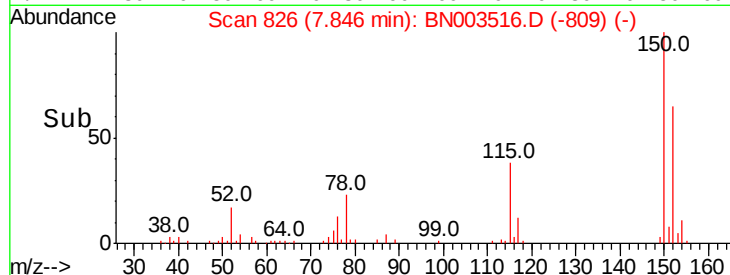
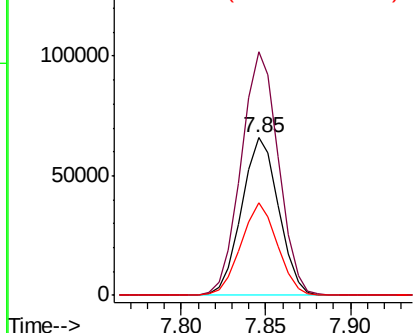
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Instrument :
 BNA_N
 ClientSampled :
 SB-15-D

Tot Ion:152 Resp: 100873
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.4 188.0
 115 58.7 45.9 68.9



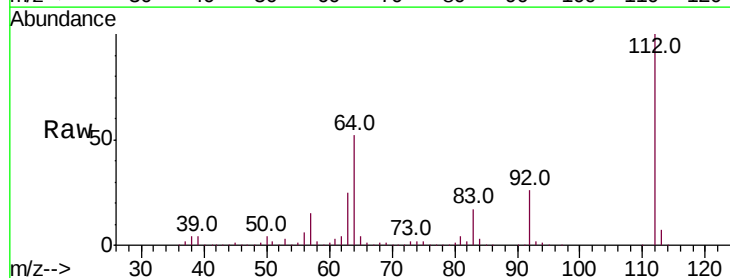
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



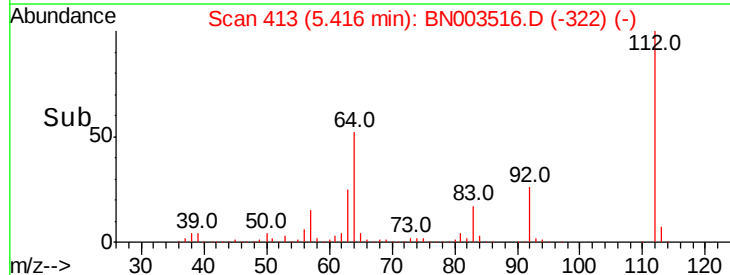
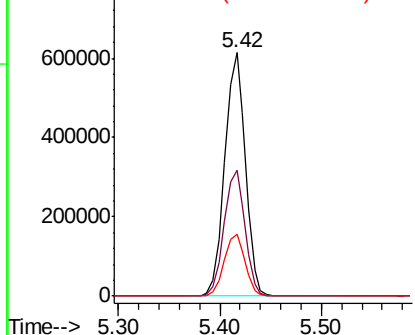
#5

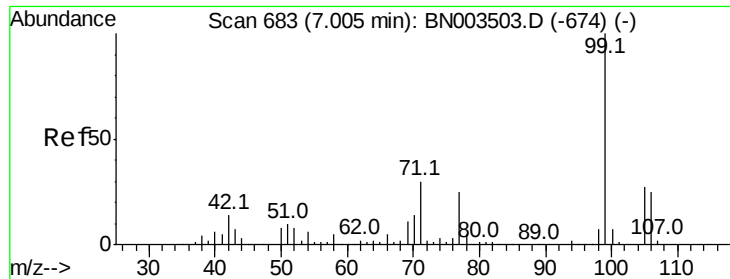
2-Fluorophenol
 Concen: 154.979 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Tgt Ion:112 Resp: 866792
 Ion Ratio Lower Upper
 112 100
 64 51.8 41.4 62.2
 63 25.3 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: 149.903 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.01 min

Lab File: BN003516.D

Acq: 13 Nov 2018 17:46

Instrument :

BNA_N

ClientSampleID :

SB-15-D

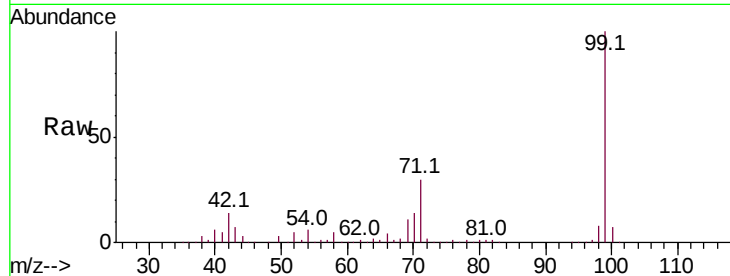
Tot Ion: 99 Resp: 1162748

Ion Ratio Lower Upper

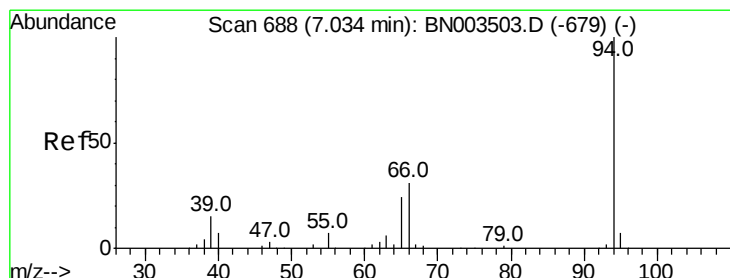
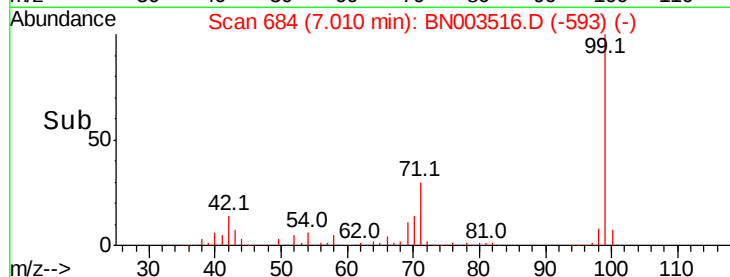
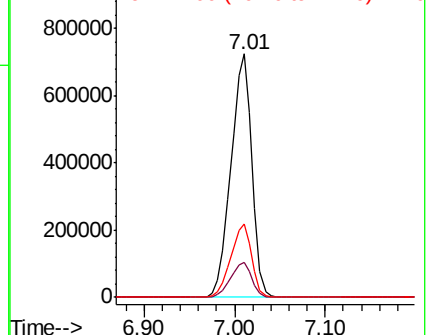
99 100

42 14.1 11.6 17.4

71 30.2 24.2 36.2



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: 6.603 ng

RT: 7.03 min Scan# 688

Delta R.T. -0.00 min

Lab File: BN003516.D

Acq: 13 Nov 2018 17:46

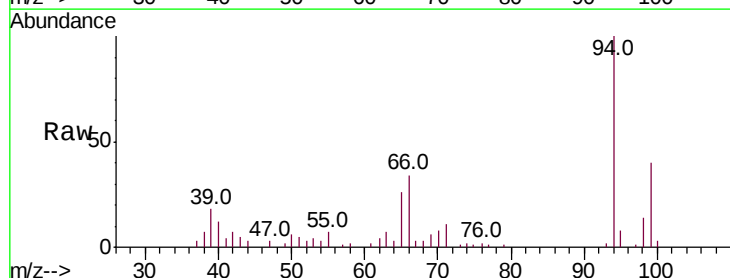
Tgt Ion: 94 Resp: 55265

Ion Ratio Lower Upper

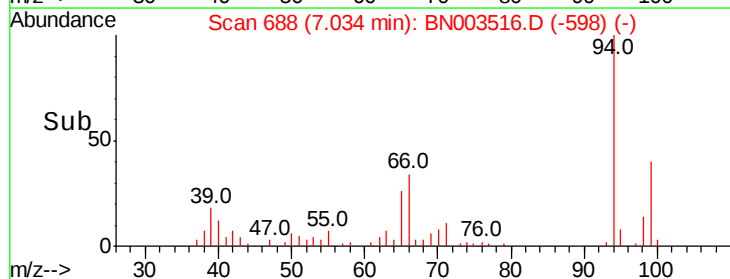
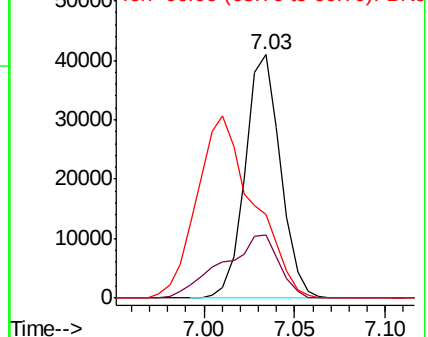
94 100

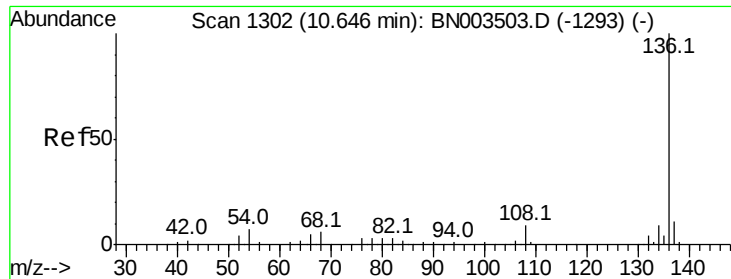
65 26.2 4.5 44.5

66 34.1 12.0 52.0



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

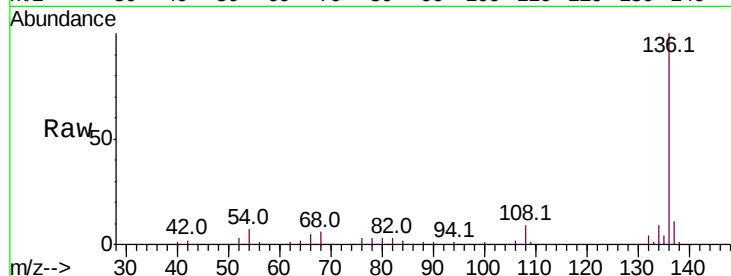




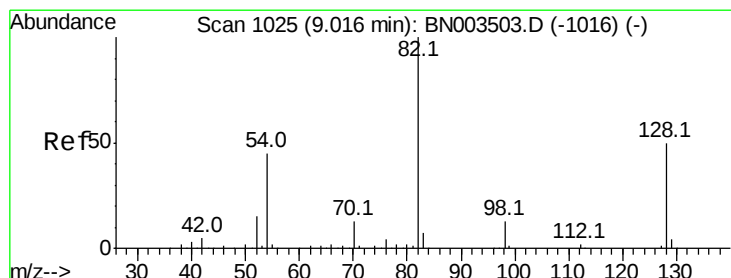
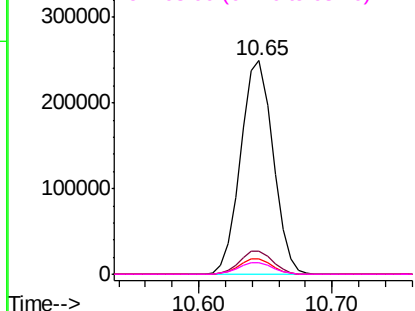
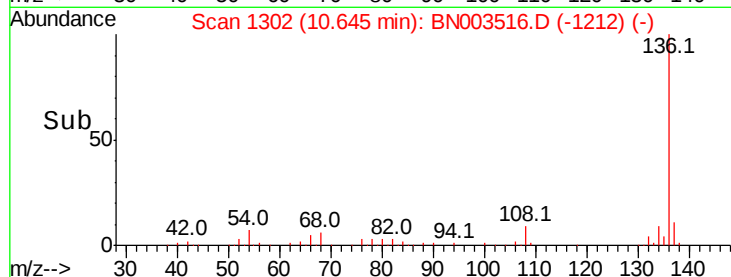
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Instrument :
BNA_N
ClientSampleId :
SB-15-D

Tot Ion:	136	Resp:	419443
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.2	5.7	8.5
68	5.7	4.7	7.1

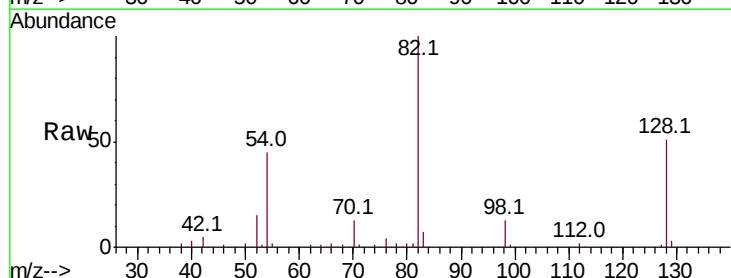


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

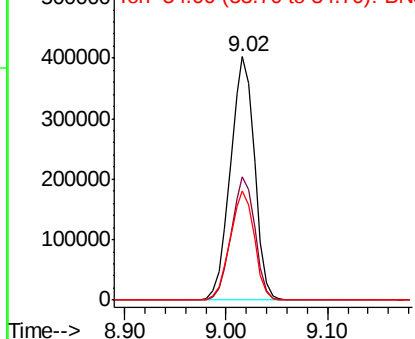
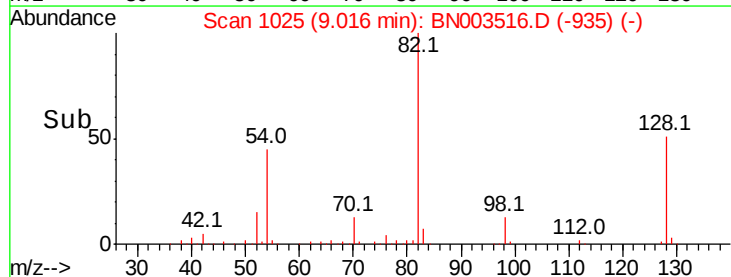


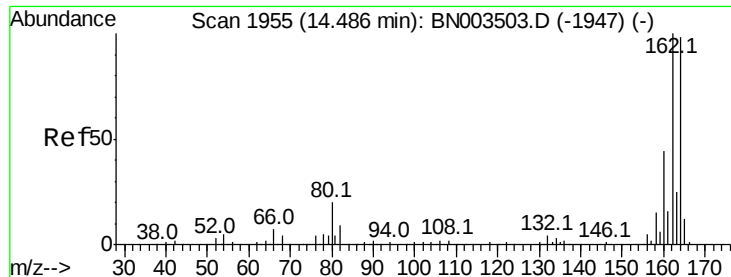
#23
Nitrobenzene-d5
Concen: 99.271 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003516.D
Acq: 13 Nov 2018 17:46

Tgt Ion:	82	Resp:	661489
Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.0	60.0
54	44.9	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: BN003516.D

Acq: 13 Nov 2018 17:46

Instrument :

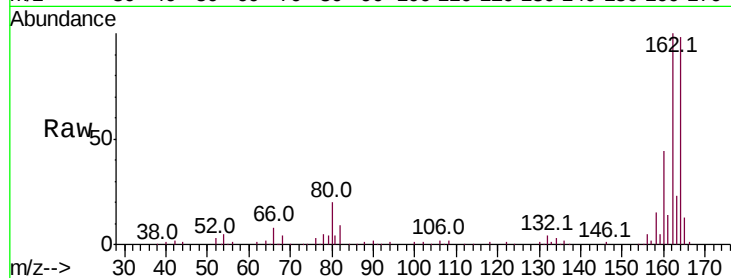
BNA_N

ClientSampleId :

SB-15-D

Tot Ion:164 Resp: 238140

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	45.0	36.2	54.2

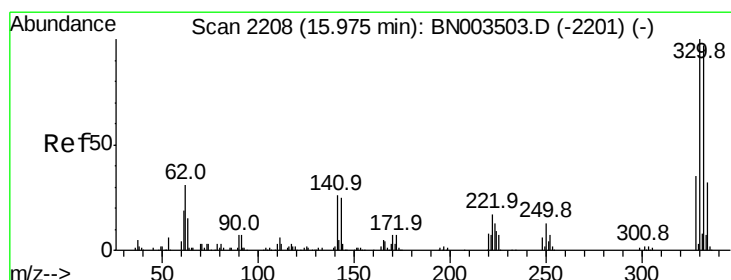
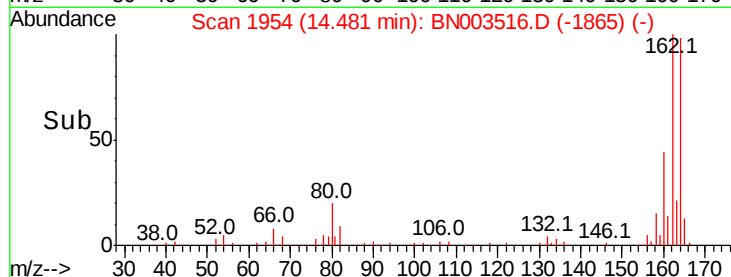
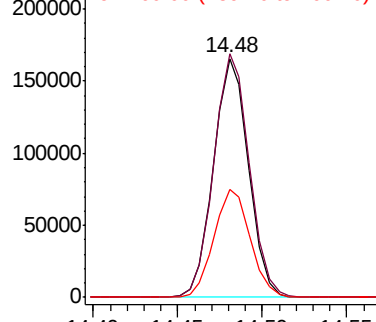


Abundance

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: 146.177 ng

RT: 15.97 min Scan# 2208

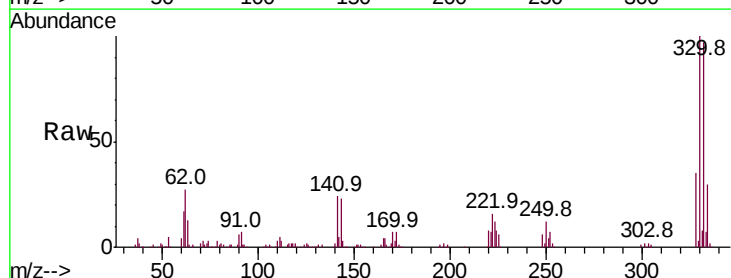
Delta R.T. -0.00 min

Lab File: BN003516.D

Acq: 13 Nov 2018 17:46

Tgt Ion:330 Resp: 518938

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	26.2	21.6	32.4

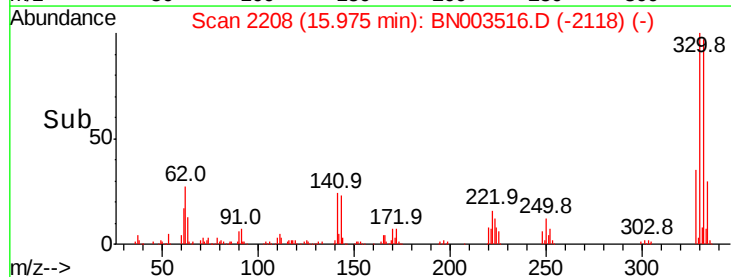
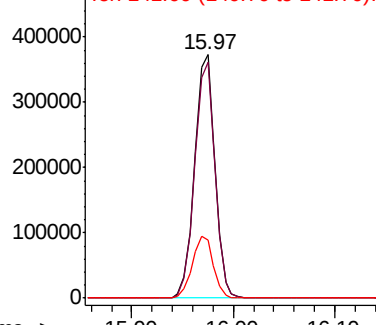


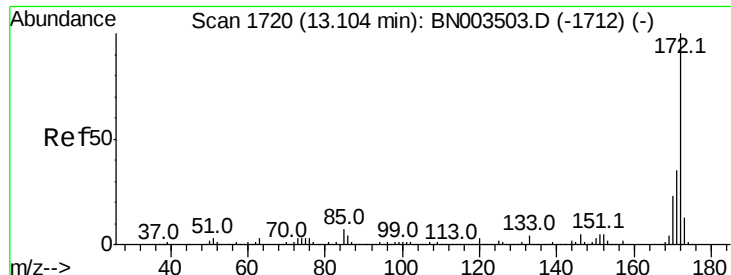
Abundance

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



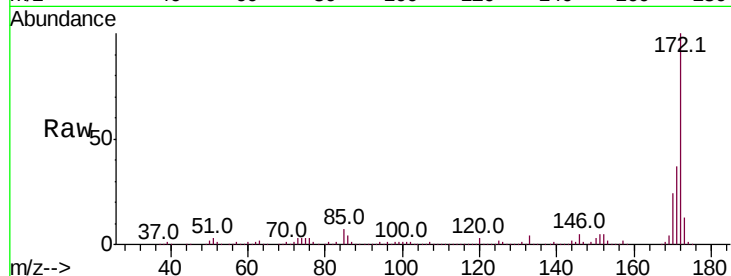


#45
 2-Fluorobiphenyl
 Concen: 90.604 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

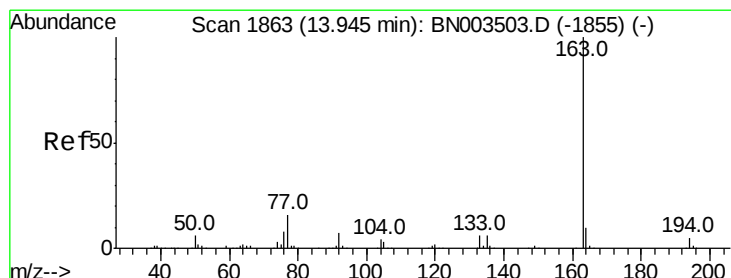
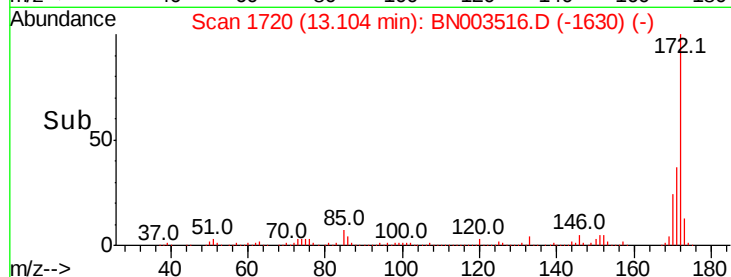
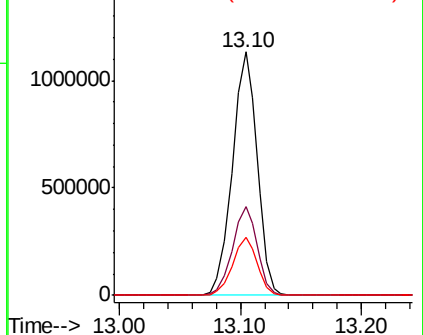
Instrument :
 BNA_N
 ClientSampleId :
 SB-15-D

Tot Ion:172 Resp: 1616510

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.3	42.5
170	23.8	18.7	28.1



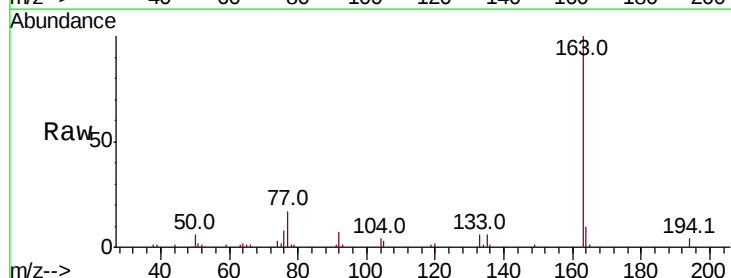
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



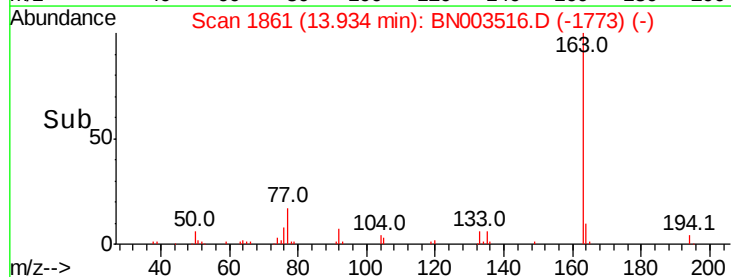
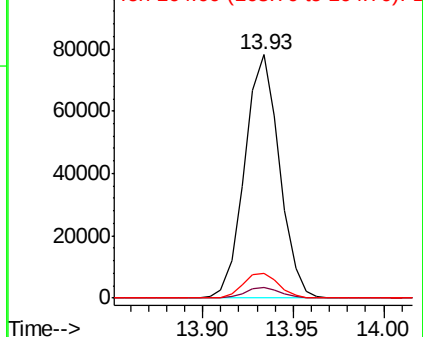
#50
 Dimethylphthalate
 Concen: 5.572 ng
 RT: 13.93 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

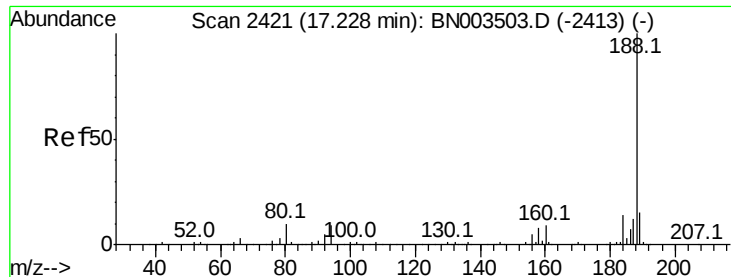
Tgt Ion:163 Resp: 103949

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.9	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BN003516.D

Acq: 13 Nov 2018 17:46

Instrument :

BNA_N

ClientSampleId :

SB-15-D

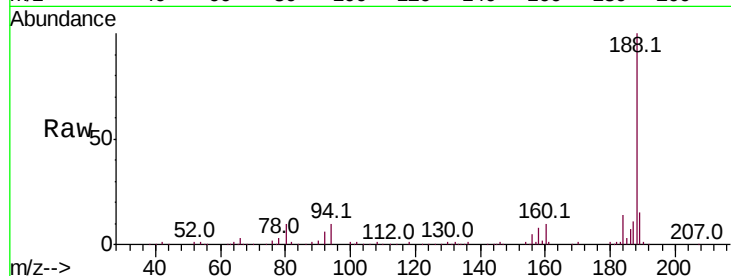
Tot Ion:188 Resp: 467692

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

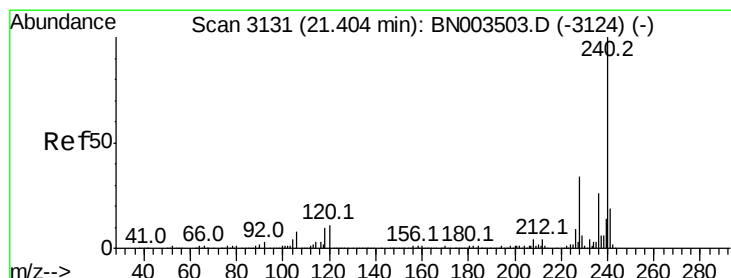
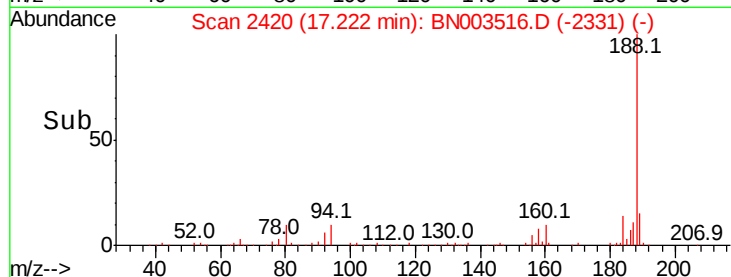
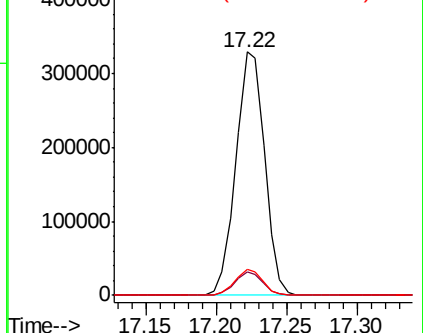
80 10.5 8.2 12.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BN003516.D

Acq: 13 Nov 2018 17:46

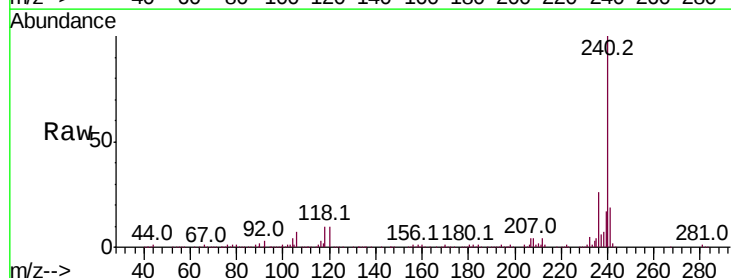
Tgt Ion:240 Resp: 415424

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

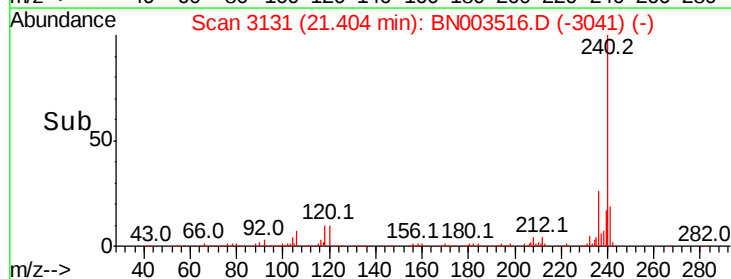
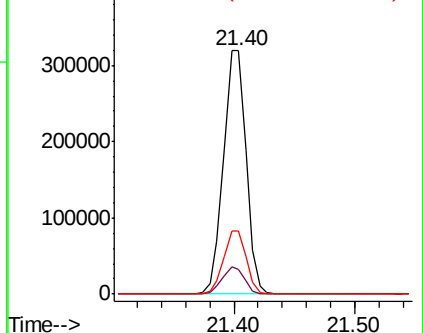
236 26.0 20.6 30.8

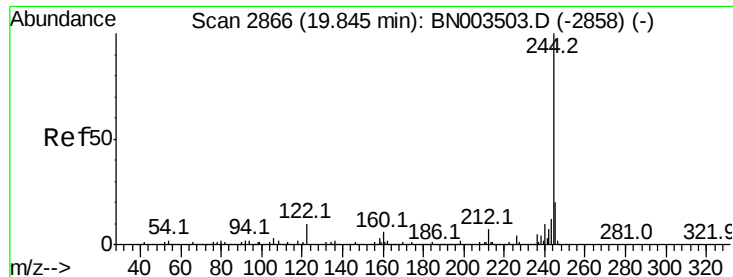


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



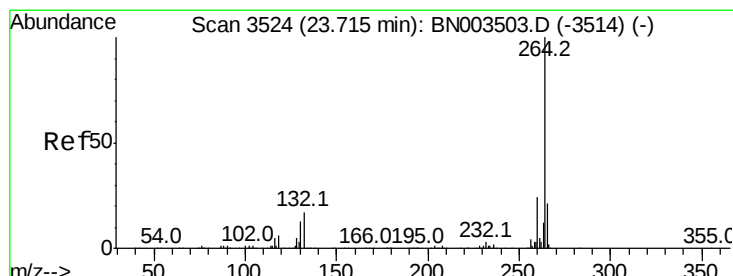
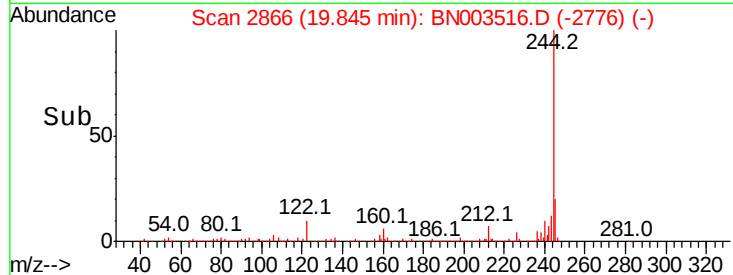
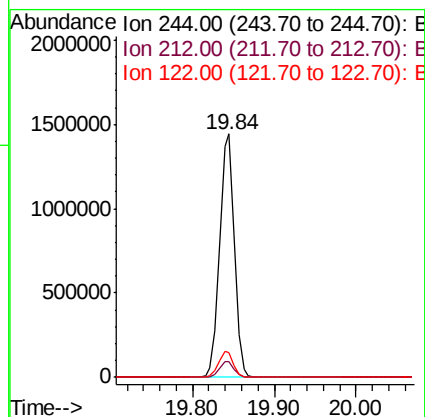
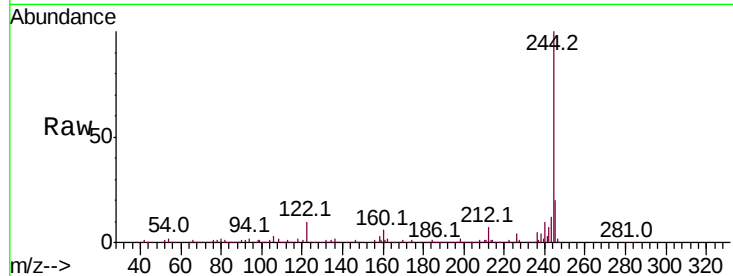


#79
 Terphenyl-d14
 Concen: 85.877 ng
 RT: 19.84 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BN003516.D
 Acq: 13 Nov 2018 17:46

Instrument :
 BNA_N
 ClientSampleId :
 SB-15-D

Tot Ion:244 Resp: 1812108

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	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: BN003516.D
 Acq: 13 Nov 2018 17:46

Tgt Ion:264 Resp: 445138

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.2	17.2	25.8

