

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112985.D
 Acq On : 12 Mar 2019 5:44
 Operator : JU/SJ
 Sample : K1817-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B112-030719

Quant Time: Mar 12 07:48:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

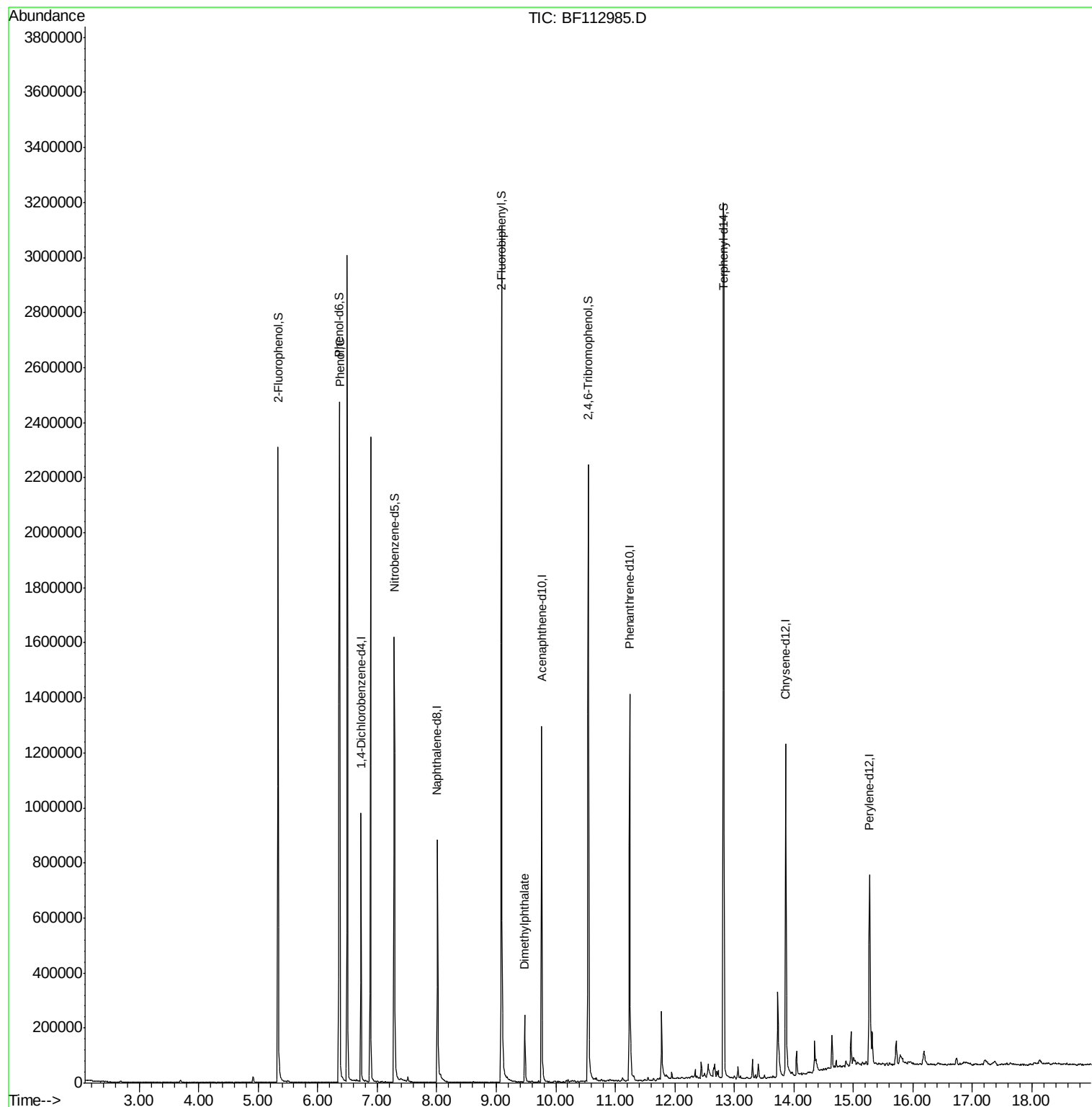
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	136902	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	535935	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	272889	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	577952	20.00	ng	0.00
76) Chrysene-d12	13.86	240	445124	20.00	ng	-0.01
87) Perylene-d12	15.27	264	369369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	699867	79.52	ng	-0.01
7) Phenol-d6	6.36	99	958827	86.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	552140	61.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	326041	112.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1106558	62.69	ng	-0.01
79) Terphenyl-d14	12.82	244	1238081	53.92	ng	0.00
Target Compounds						
10) Phenol	6.37	94	38364	2.974	ng	95
50) Dimethylphthalate	9.48	163	113624	5.647	ng	99

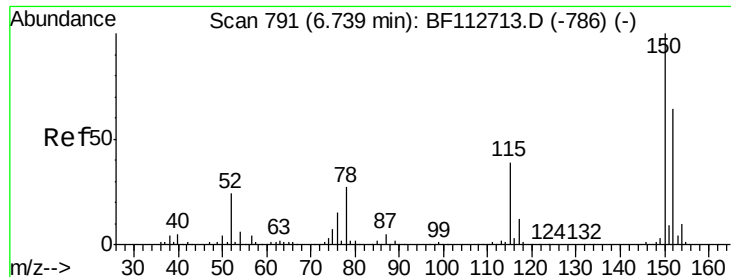
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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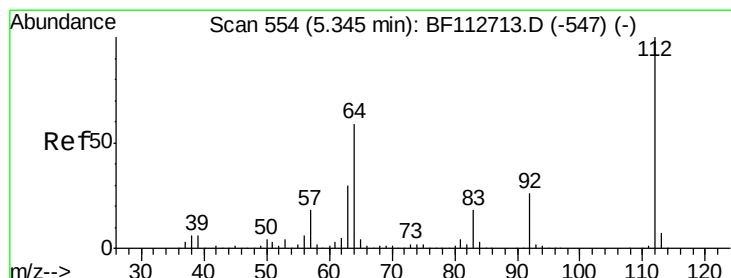
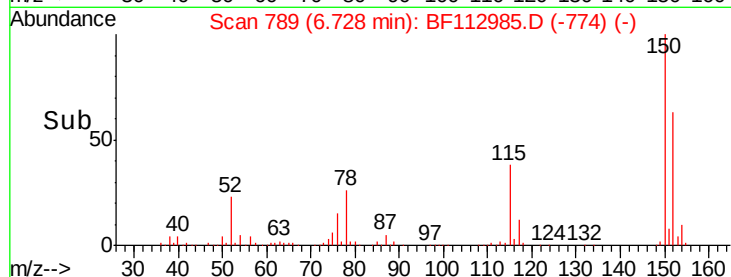
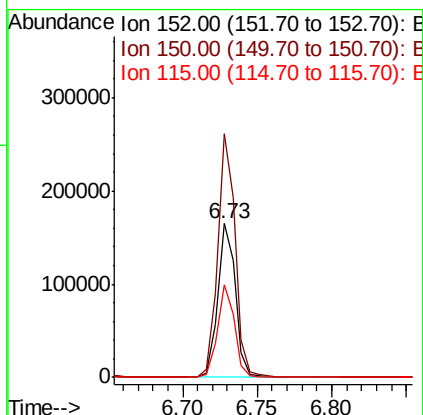
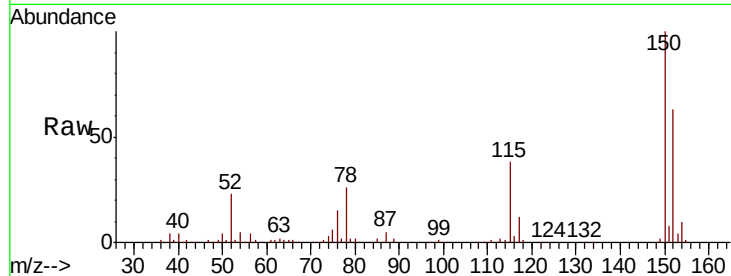


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B112-030719

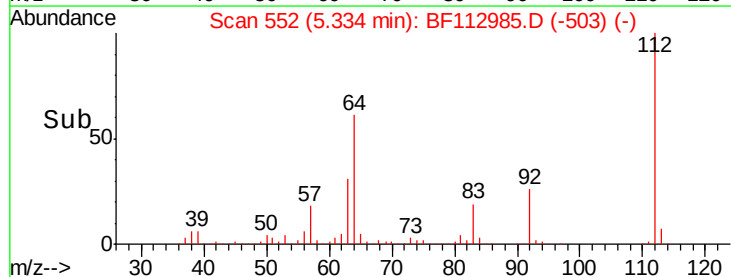
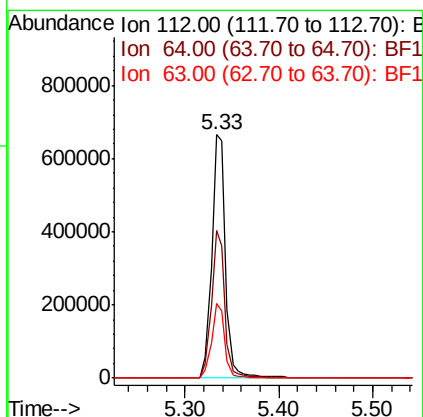
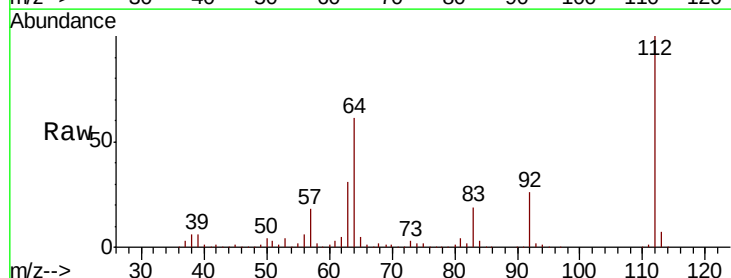
Tot Ion:152 Resp: 136902
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.2 186.2
 115 60.6 48.2 72.4

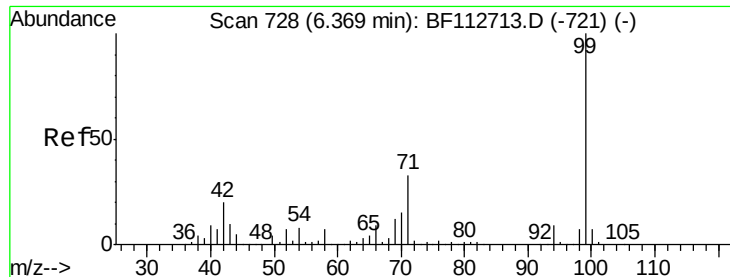


#5

2-Fluorophenol
 Concen: 79.522 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Tgt Ion:112 Resp: 699867
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.6 71.4
 63 30.6 24.4 36.6





#7

Phenol-d6

Concen: 86.729 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112985.D

Acq: 12 Mar 2019 5:44

Instrument :

BNA_F

ClientSampleId :

PST-027-B112-030719

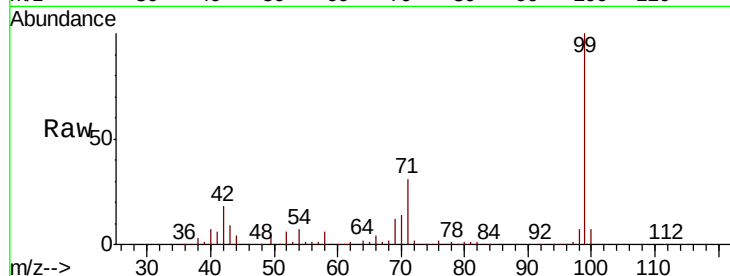
Tot Ion: 99 Resp: 958827

Ion Ratio Lower Upper

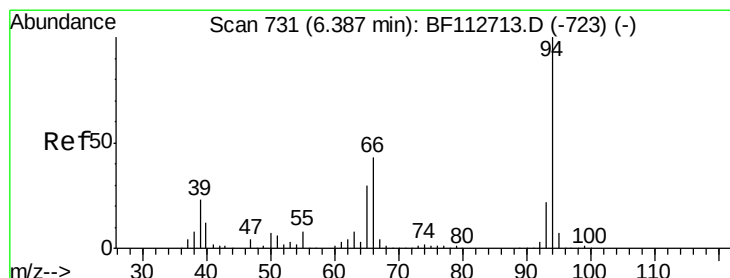
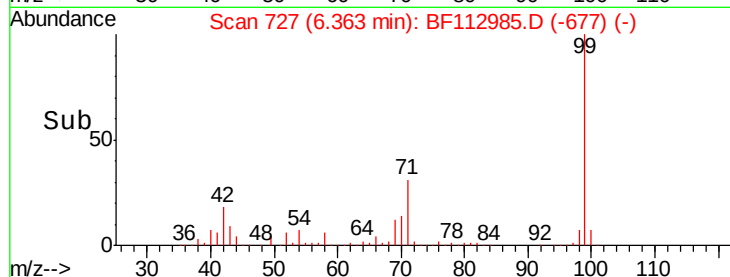
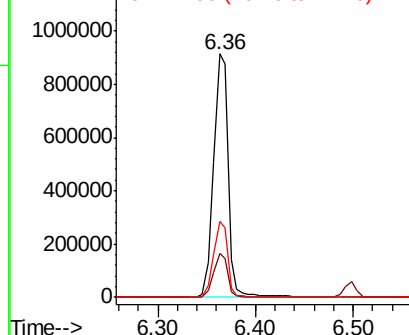
99 100

42 18.0 16.3 24.5

71 31.1 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.974 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112985.D

Acq: 12 Mar 2019 5:44

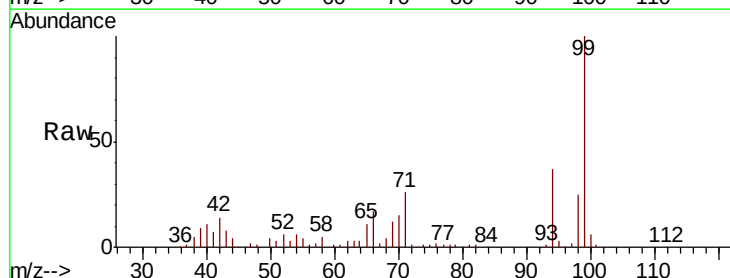
Tgt Ion: 94 Resp: 38364

Ion Ratio Lower Upper

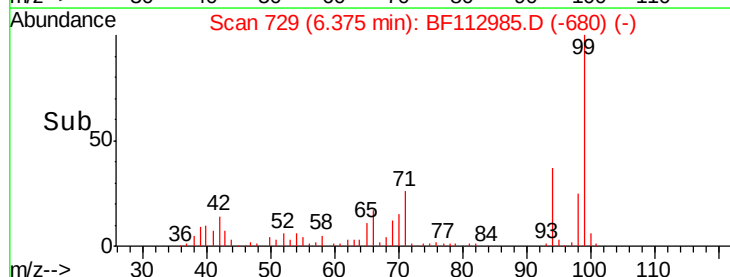
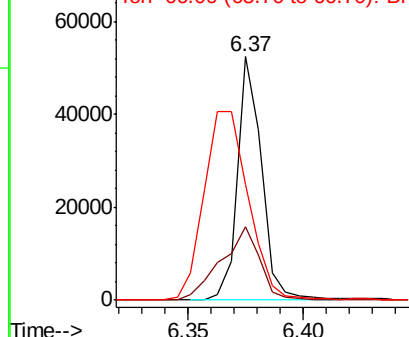
94 100

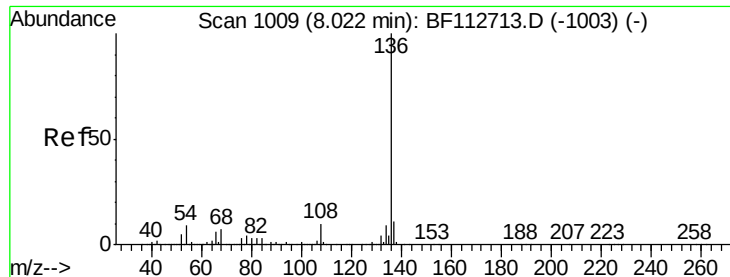
65 30.2 10.5 50.5

66 47.5 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112985.D

Acq: 12 Mar 2019 5:44

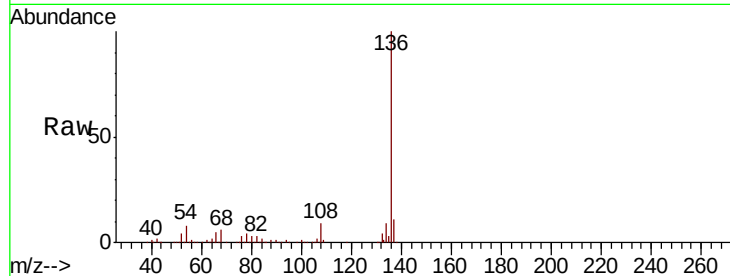
Instrument :

BNA_F

ClientSampleId :

PST-027-B112-030719

Tot Ion:136	Resp:	535935
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.4	7.3 10.9
68	6.4	5.4 8.2

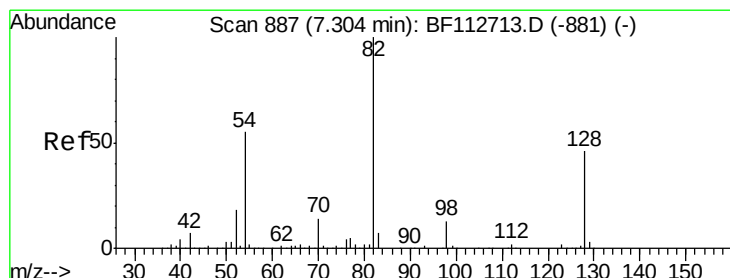
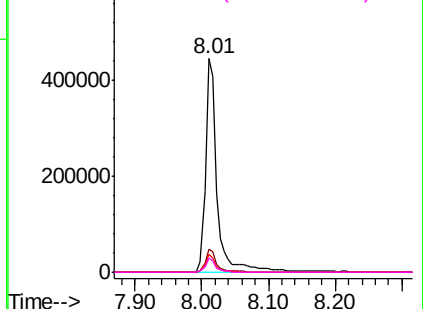
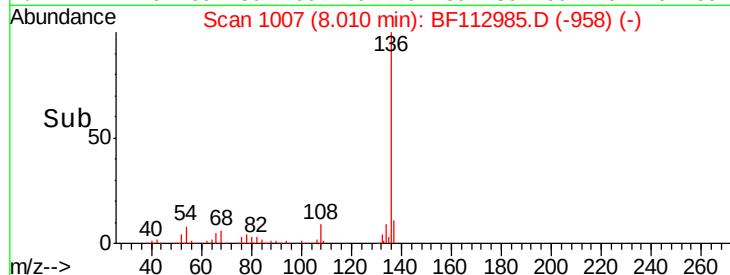


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 61.647 ng

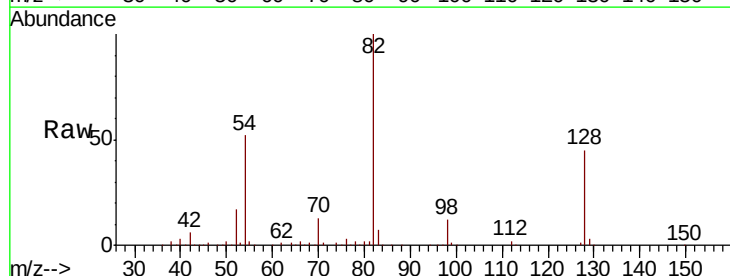
RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112985.D

Acq: 12 Mar 2019 5:44

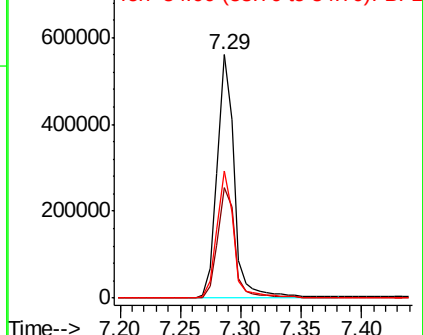
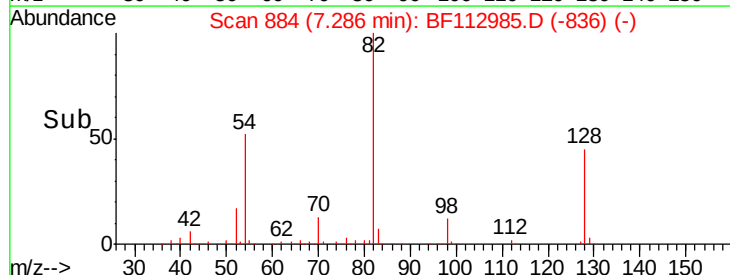
Tgt Ion: 82	Resp:	552140
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.3 54.5
54	52.3	43.7 65.5

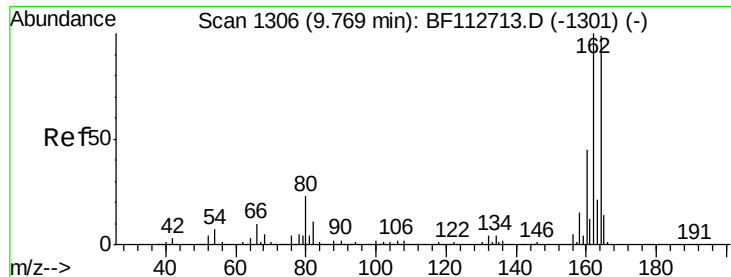


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

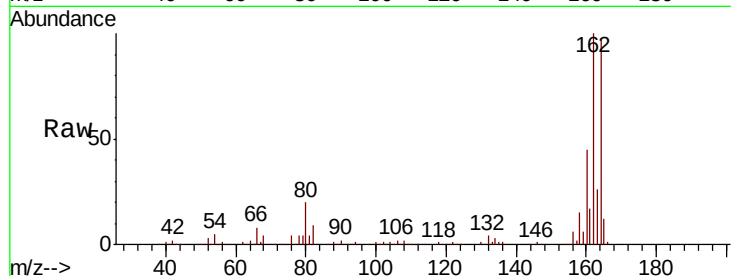




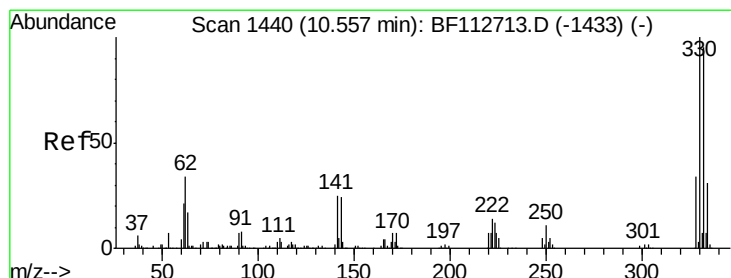
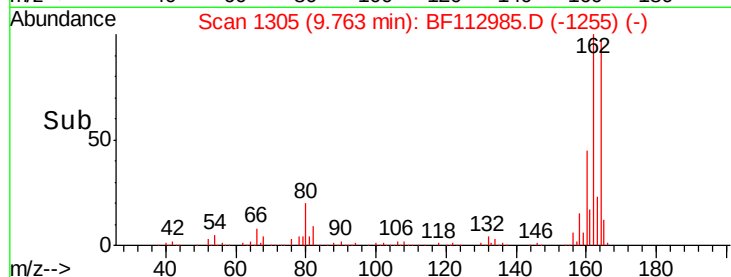
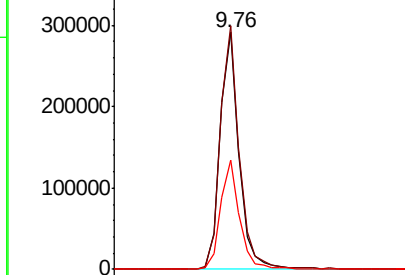
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B112-030719

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	46.0	36.0	54.0

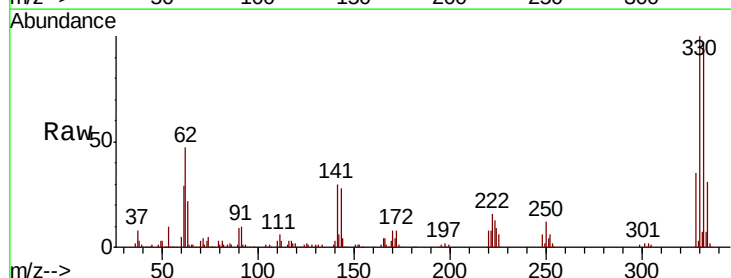


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

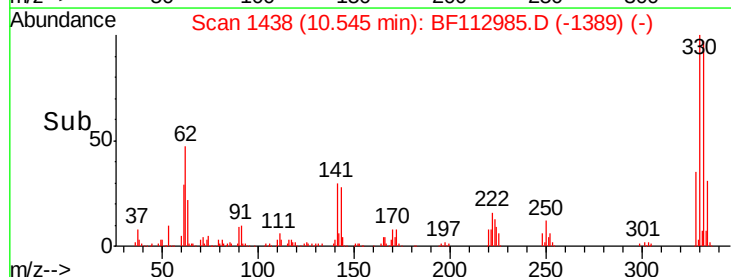
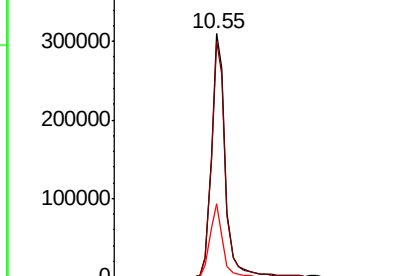


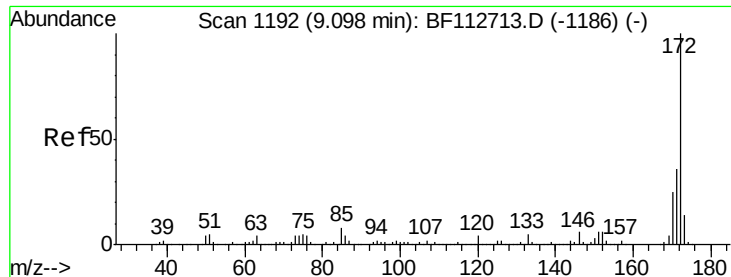
#42
 2,4,6-Tribromophenol
 Concen: 112.542 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.2	114.4
141	28.0	27.0	40.6



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

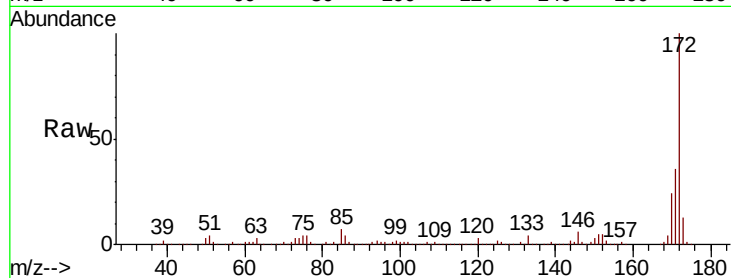




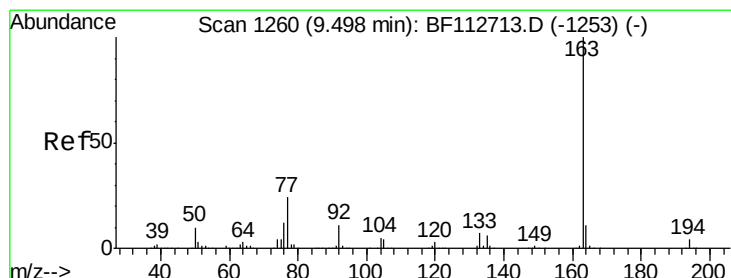
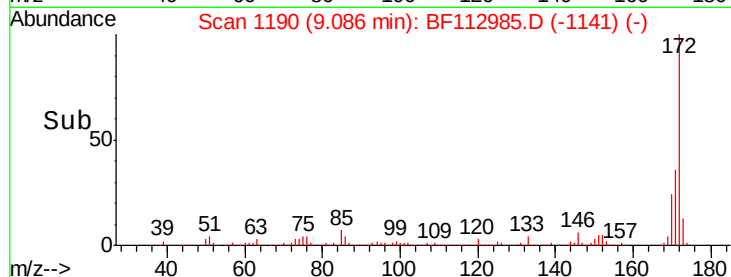
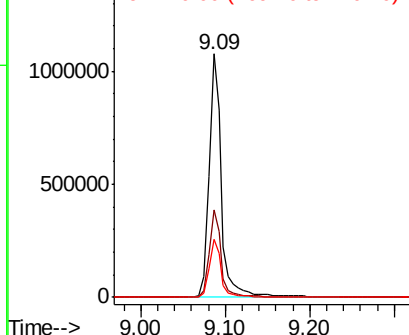
#45
2-Fluorobiphenyl
Concen: 62.692 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
PST-027-B112-030719

Tot Ion:172 Resp: 1106558
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.9 20.0 30.0

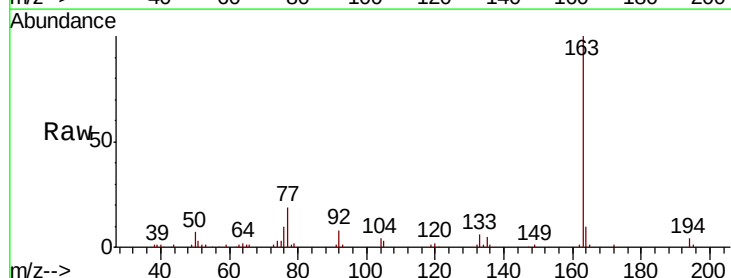


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

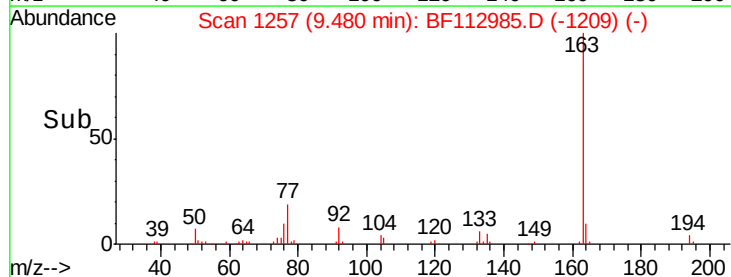
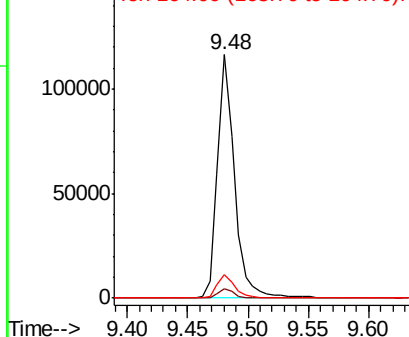


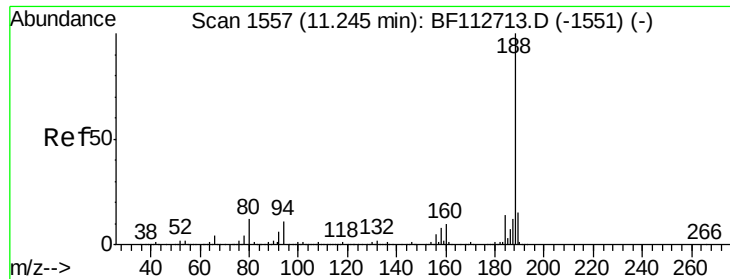
#50
Dimethylphthalate
Concen: 5.647 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Tgt Ion:163 Resp: 113624
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.4 12.6



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

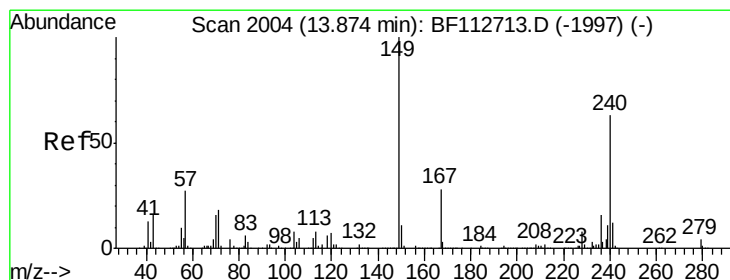
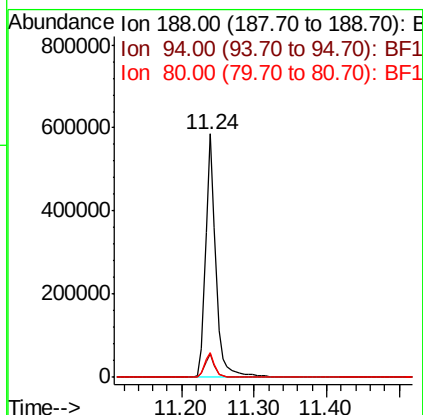
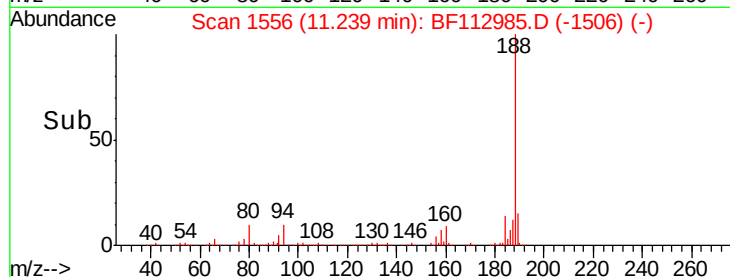
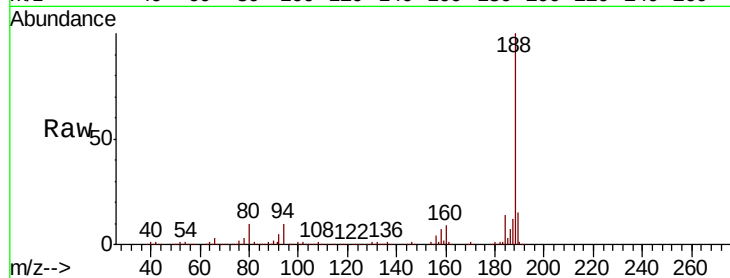




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

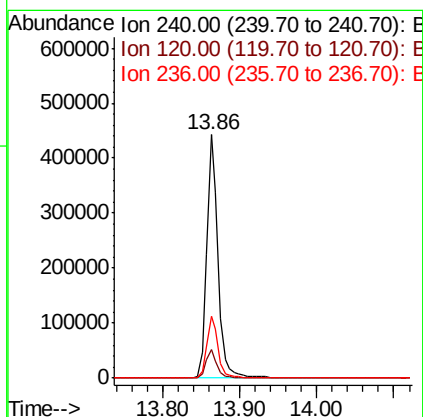
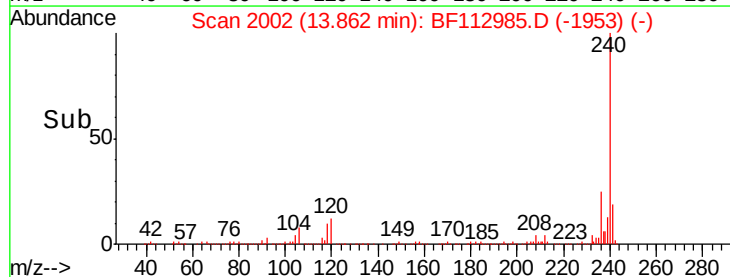
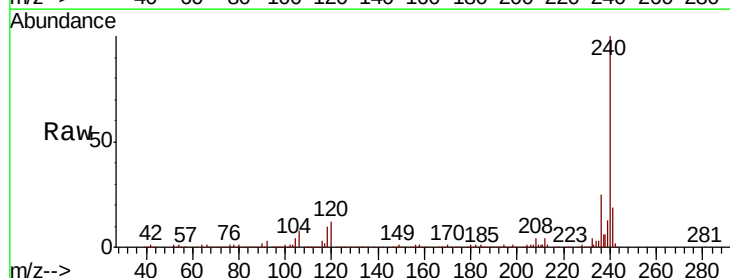
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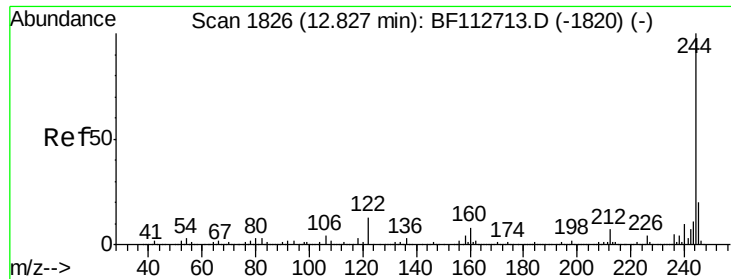
Tot Ion:188 Resp: 577952
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.0 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Tgt Ion:240 Resp: 445124
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.3 20.7 31.1

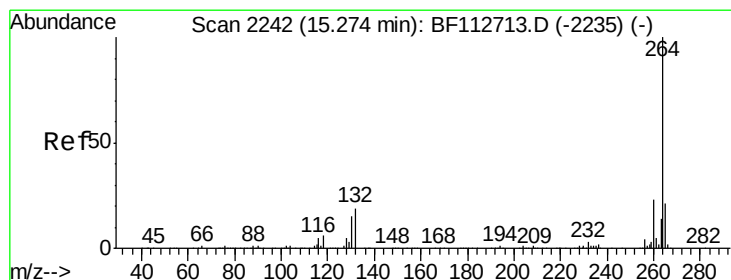
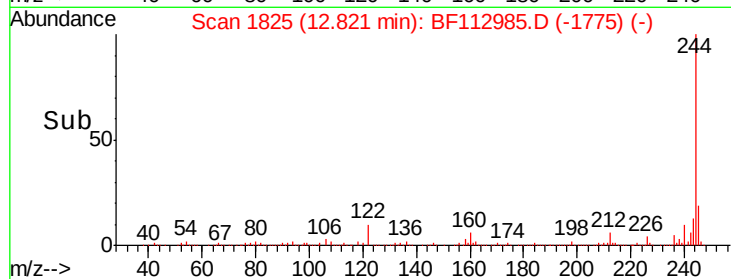
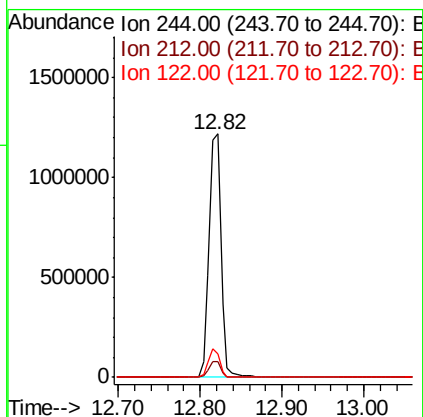
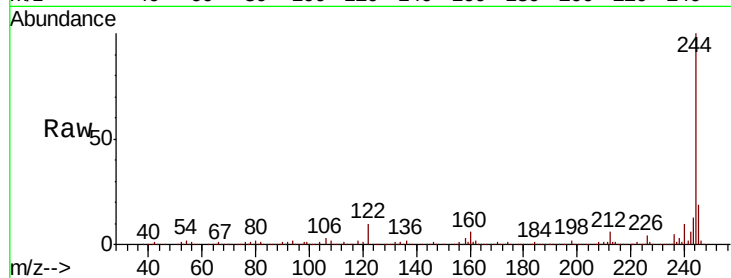




#79
 Terphenyl-d14
 Concen: 53.918 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B112-030719

Tot Ion:244 Resp: 1238081
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.7 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Tgt Ion:264 Resp: 369369
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.7 17.2 25.8

