

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111172.D
 Acq On : 7 Dec 2018 7:43
 Operator : JU/SJ
 Sample : J6168-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4

Quant Time: Dec 07 09:44:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

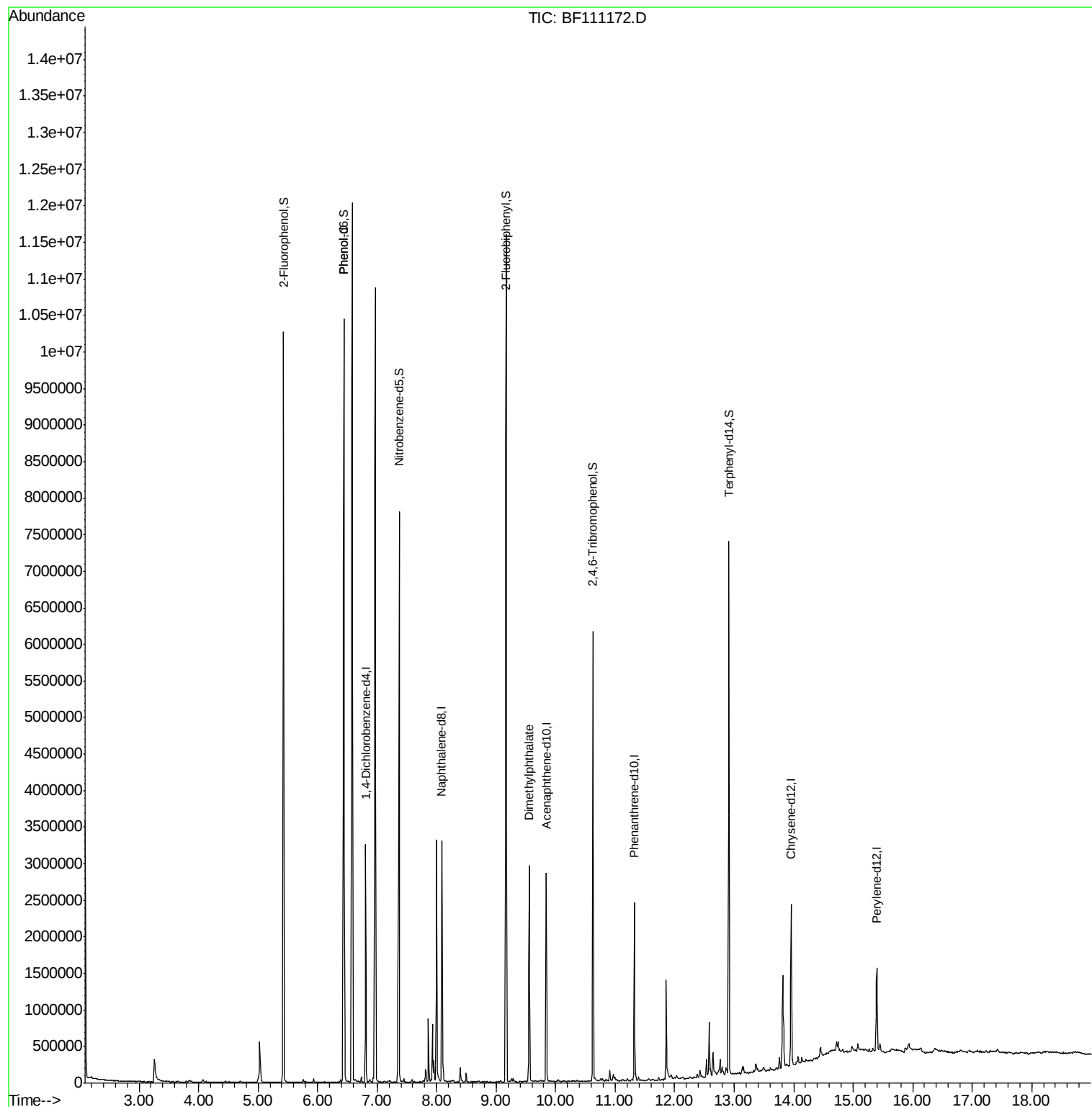
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	411758	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1478150	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	571882	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	882771	20.00	ng	0.00
76) Chrysene-d12	13.96	240	674844	20.00	ng	0.00
87) Perylene-d12	15.40	264	476009	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3150368	119.39	ng	0.02
7) Phenol-d6	6.45	99	3898065	114.68	ng	0.01
23) Nitrobenzene-d5	7.37	82	2410313	96.54	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	587597	129.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3226404	108.39	ng	0.00
79) Terphenyl-d14	12.92	244	2498232	75.82	ng	0.01
Target Compounds						
10) Phenol	6.45	94	283848	7.659	ng	98
50) Dimethylphthalate	9.56	163	998920	25.098	ng	98

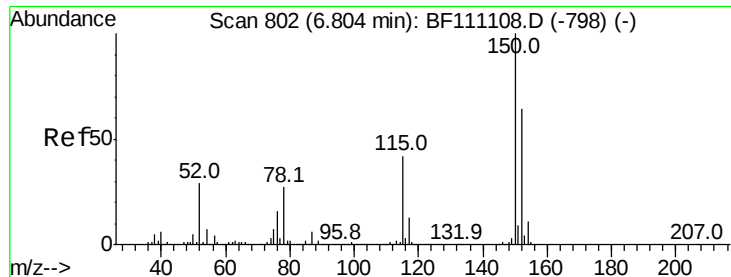
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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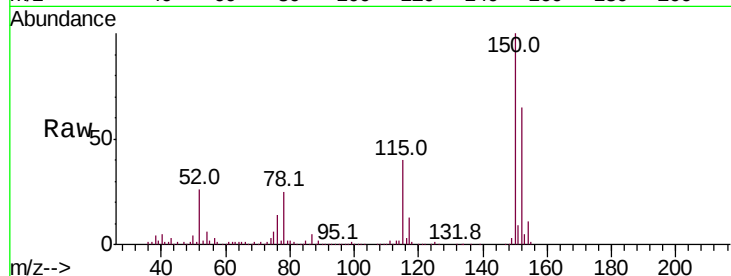


#1

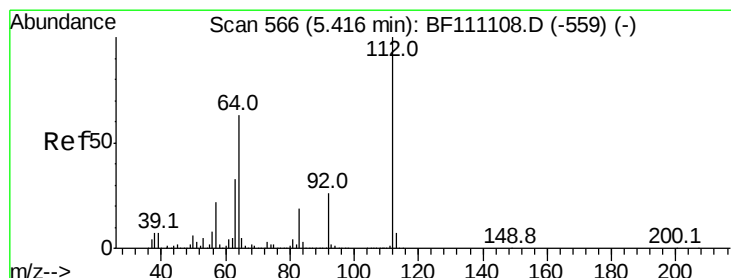
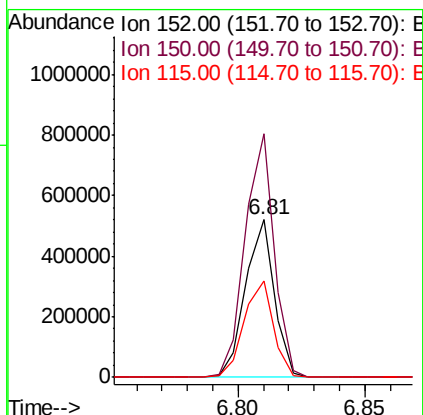
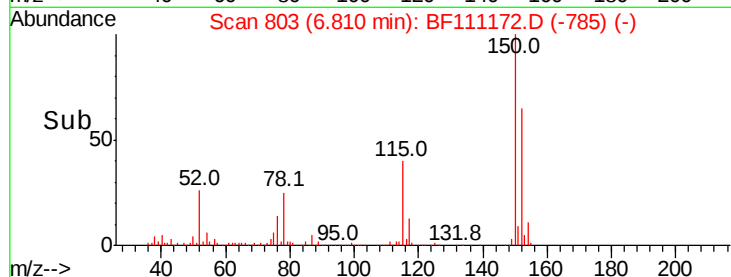
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Instrument :
BNA_F
ClientSampled :
S4

Tot Ion:152 Resp: 411758
Ion Ratio Lower Upper
152 100
150 154.8 124.6 187.0
115 61.4 52.2 78.2



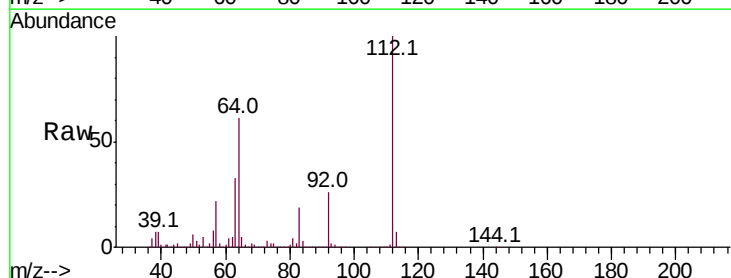
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



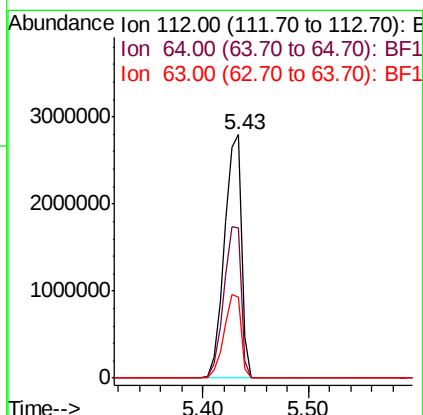
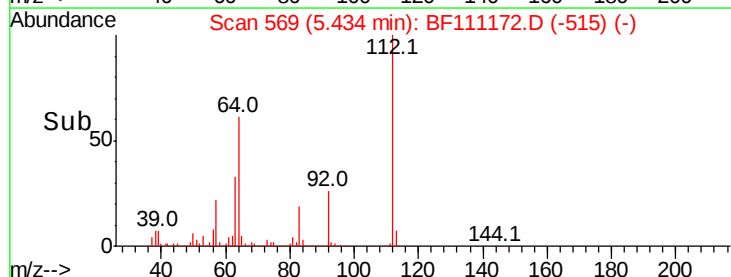
#5

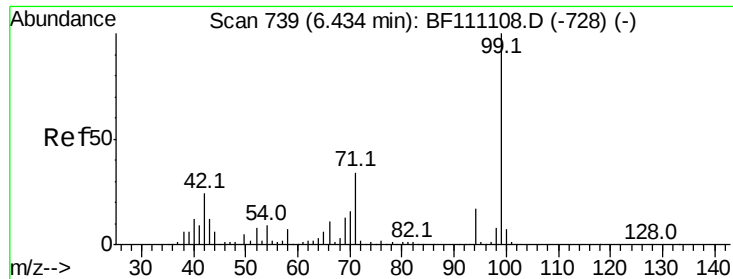
2-Fluorophenol
Concen: 119.391 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Tgt Ion:112 Resp: 3150368
Ion Ratio Lower Upper
112 100
64 61.5 50.2 75.4
63 33.4 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.679 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

Instrument :

BNA_F

ClientSampleId :

S4

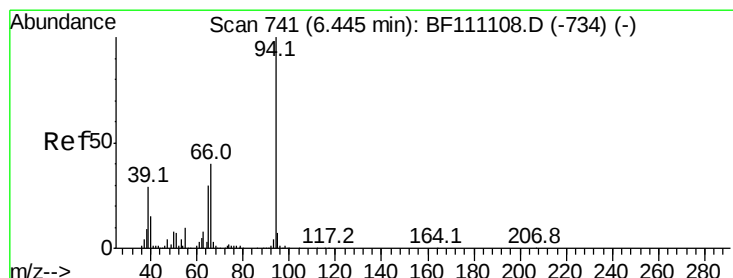
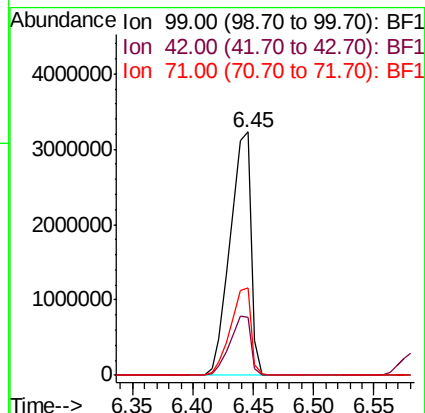
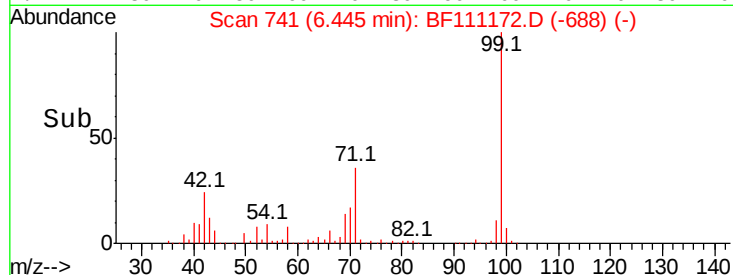
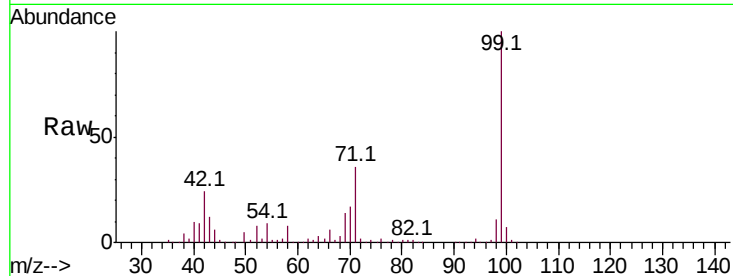
Tot Ion: 99 Resp: 3898065

Ion Ratio Lower Upper

99 100

42 24.0 19.3 28.9

71 35.7 27.4 41.2



#10

Phenol

Concen: 7.659 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

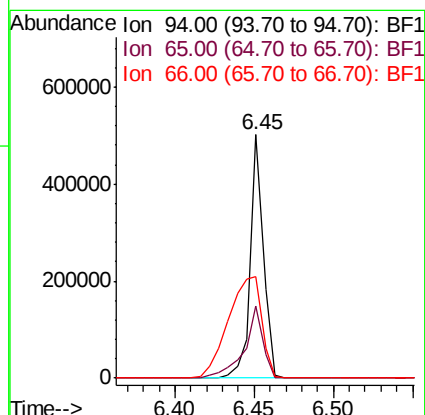
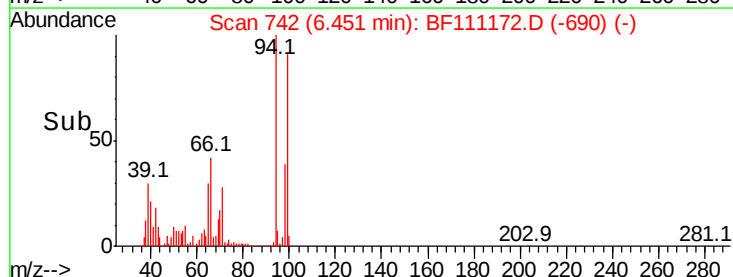
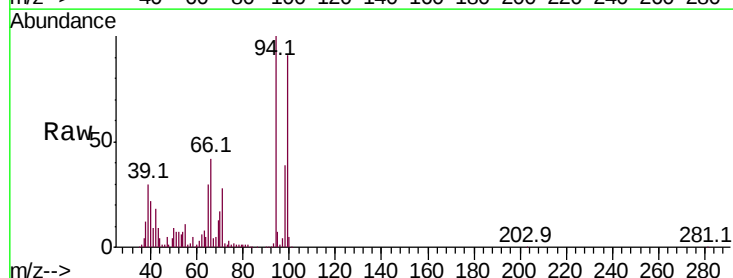
Tgt Ion: 94 Resp: 283848

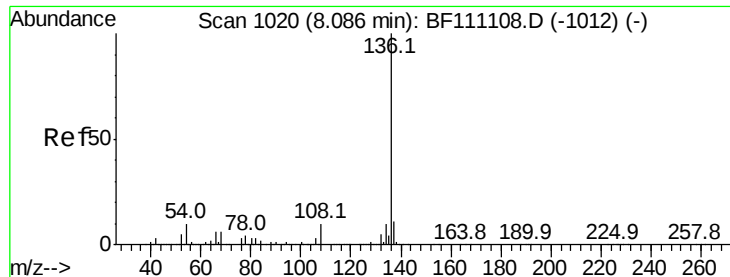
Ion Ratio Lower Upper

94 100

65 29.8 10.5 50.5

66 41.7 19.8 59.8

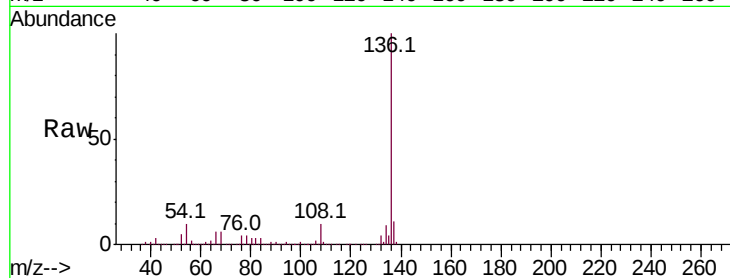




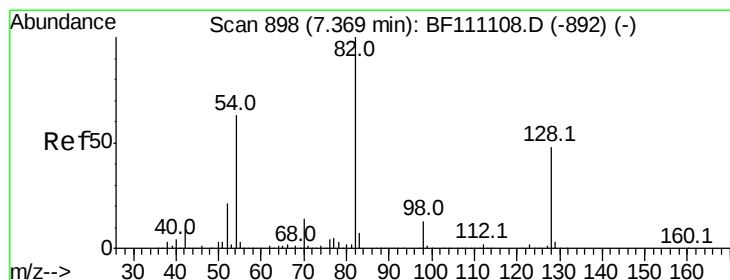
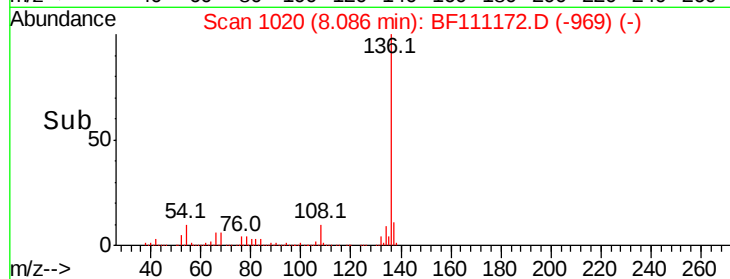
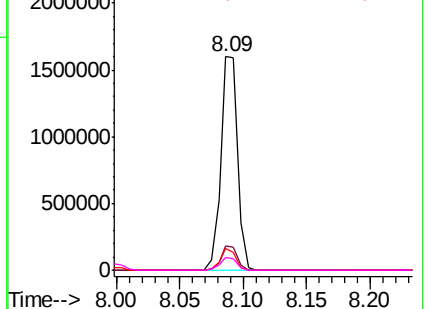
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Instrument :
BNA_F
ClientSampled :
S4

Tot Ion:	136	Resp:	1478150
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.3	8.4	12.6
68	6.0	5.0	7.4

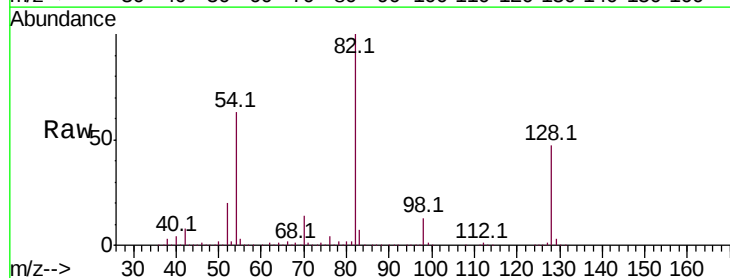


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

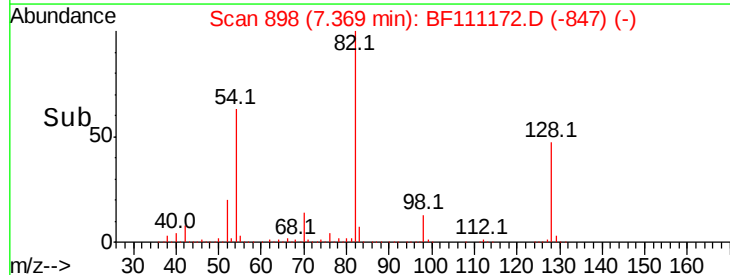
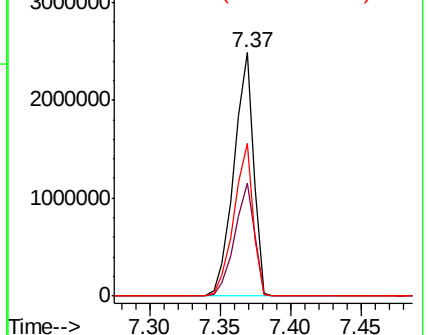


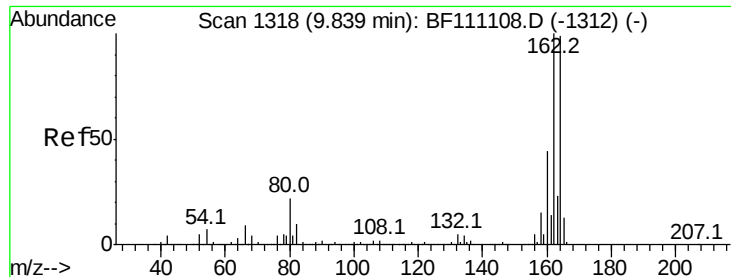
#23
Nitrobenzene-d5
Concen: 96.539 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Tgt Ion:	82	Resp:	2410313
Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.1	57.1
54	62.7	50.3	75.5



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: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

Instrument :

BNA_F

ClientSampleId :

S4

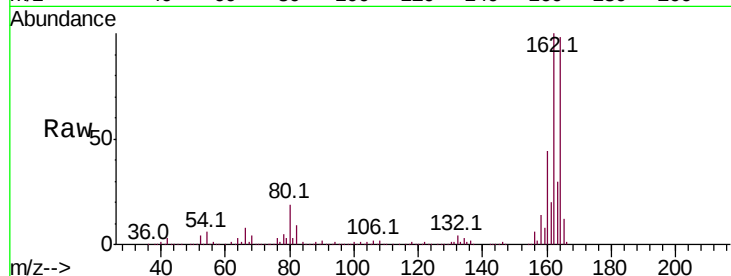
Tot Ion:164 Resp: 571882

Ion Ratio Lower Upper

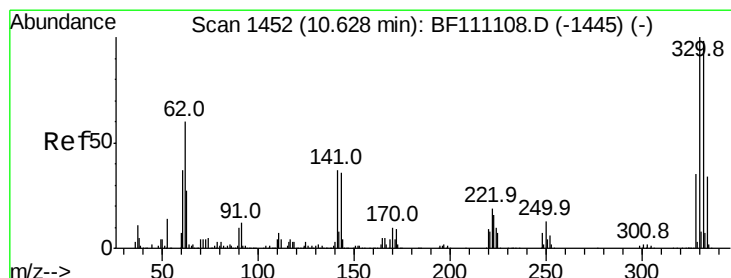
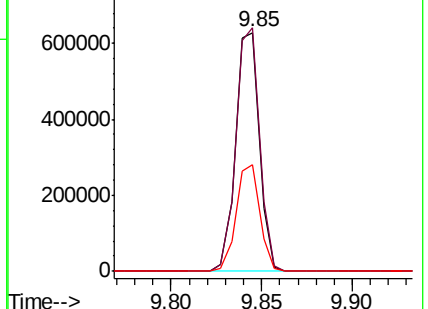
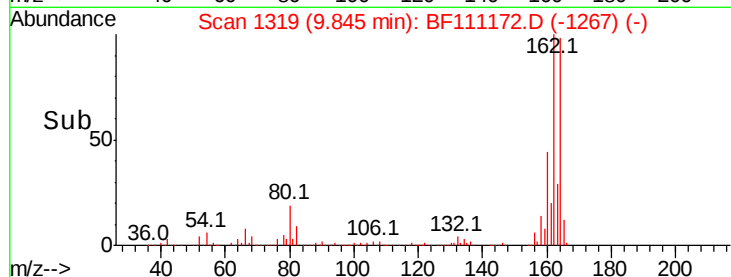
164 100

162 102.0 80.6 120.8

160 44.9 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: 129.261 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

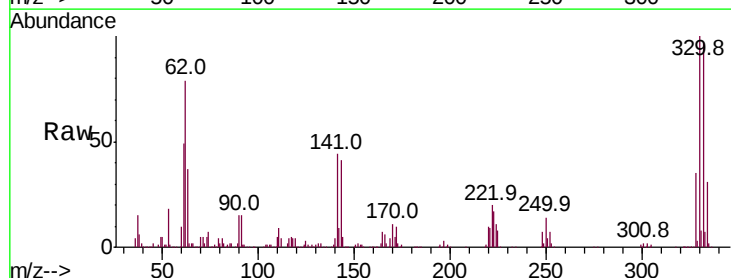
Tgt Ion:330 Resp: 587597

Ion Ratio Lower Upper

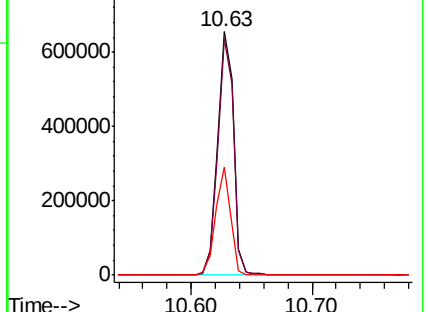
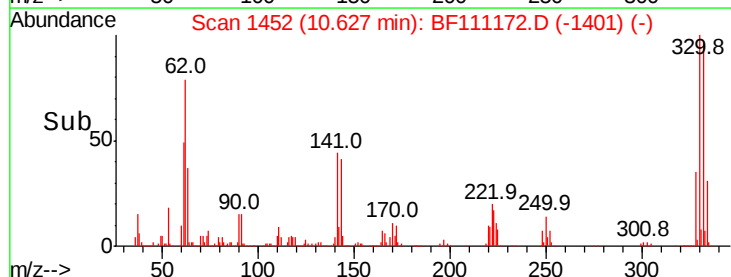
330 100

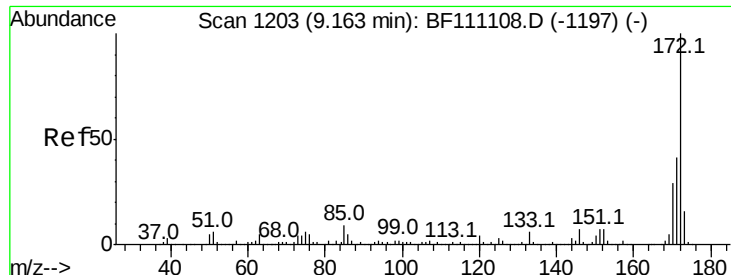
332 96.1 77.2 115.8

141 41.4 36.1 54.1



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



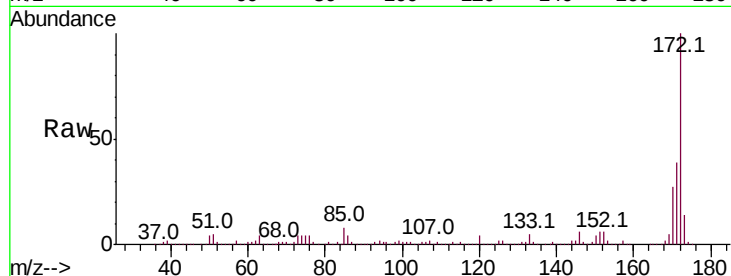


#45
 2-Fluorobiphenyl
 Concen: 108.387 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

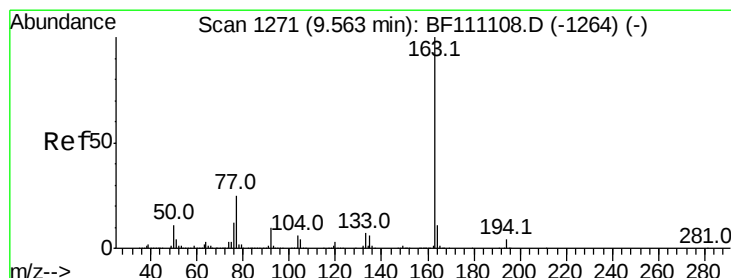
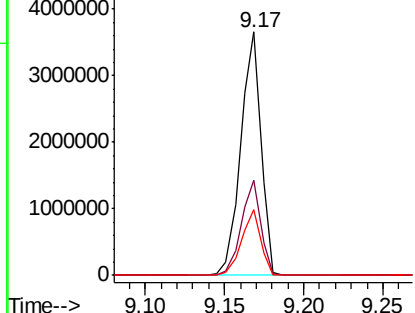
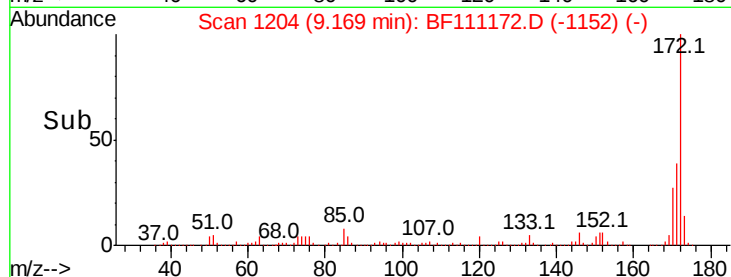
Instrument :
 BNA_F
 ClientSampleId :
 S4

Tot Ion:172 Resp: 3226404

Ion	Ratio	Lower	Upper
172	100		
171	39.3	33.2	49.8
170	26.9	22.9	34.3



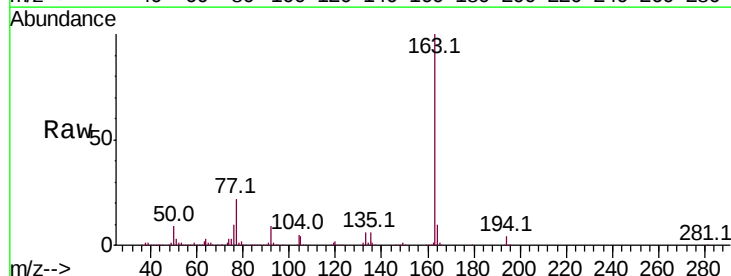
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



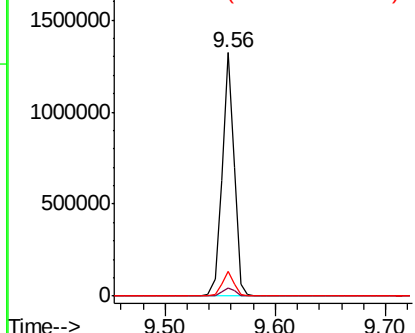
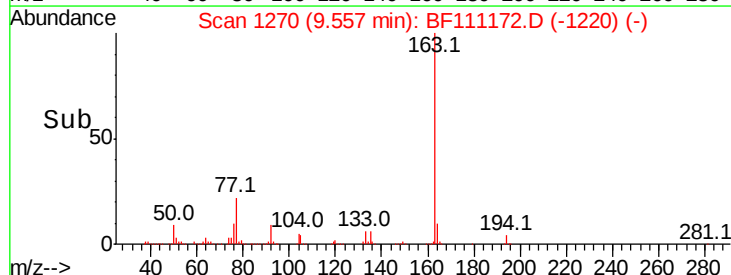
#50
 Dimethylphthalate
 Concen: 25.098 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

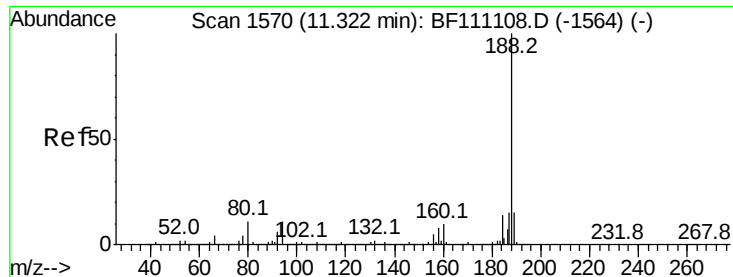
Tgt Ion:163 Resp: 998920

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	8.9	13.3



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: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

Instrument :

BNA_F

ClientSampled :

S4

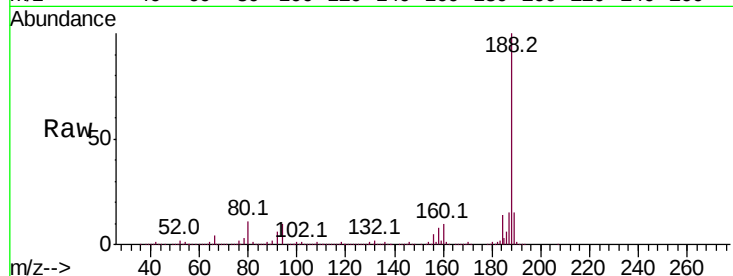
Tot Ion:188 Resp: 882771

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

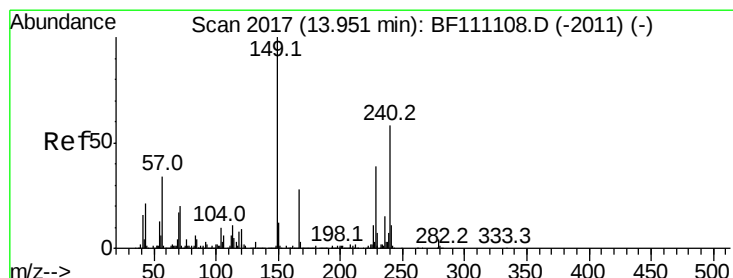
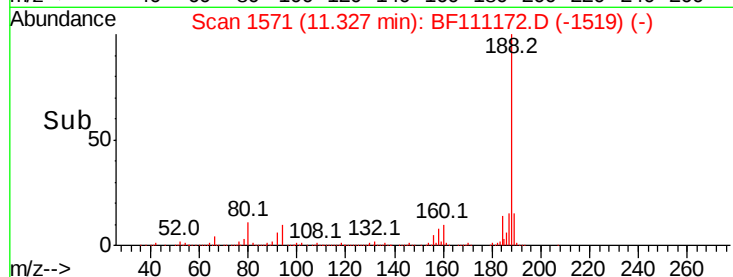
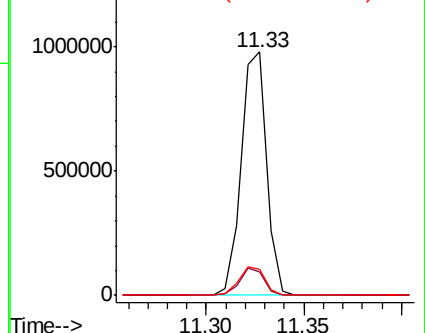
80 10.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

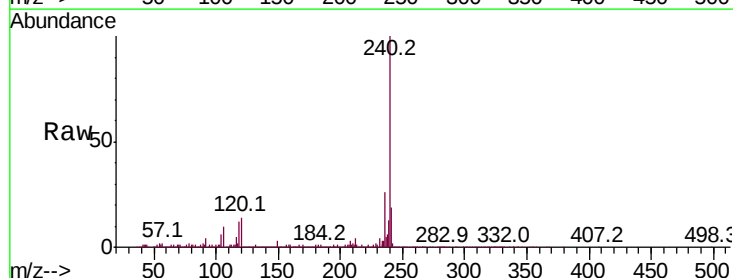
Tgt Ion:240 Resp: 674844

Ion Ratio Lower Upper

240 100

120 14.3 12.8 19.2

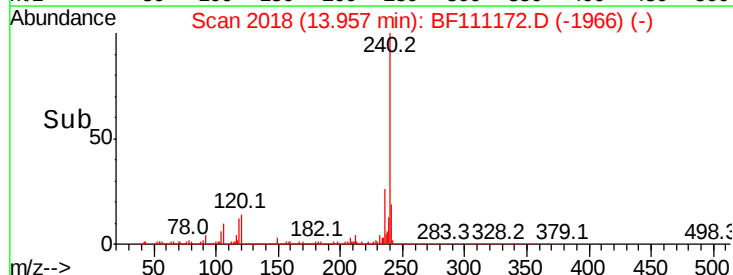
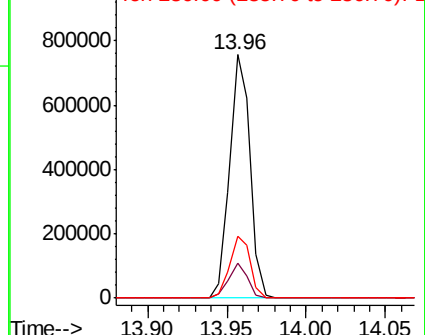
236 25.7 21.1 31.7

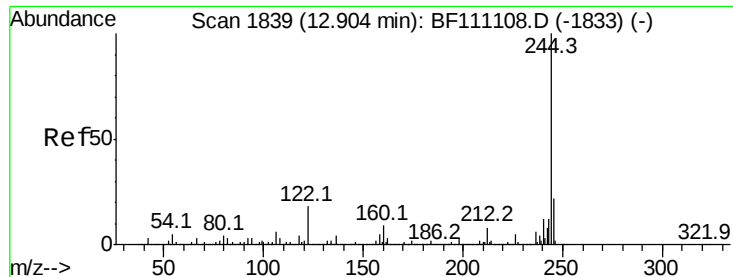


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

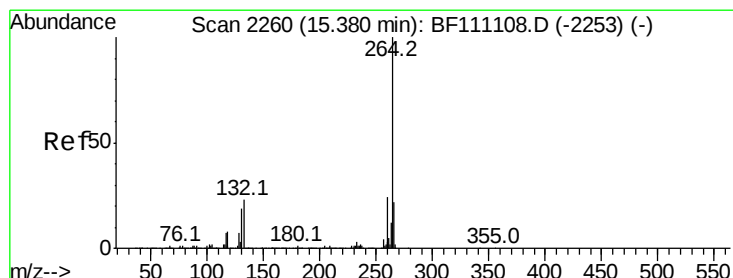
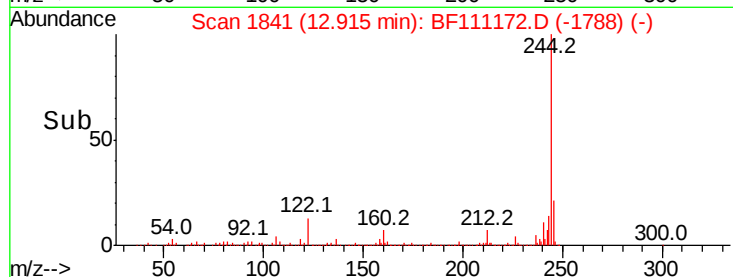
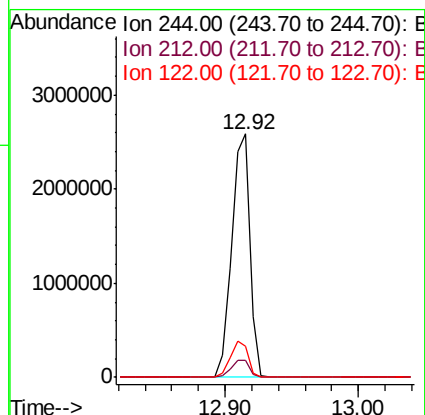
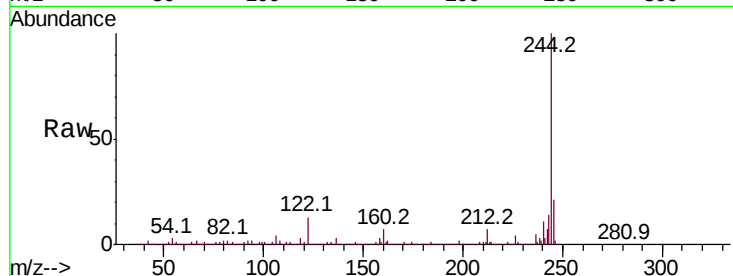




#79
 Terphenyl-d14
 Concen: 75.815 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Instrument :
 BNA_F
 ClientSampleId :
 S4

Tot Ion:244 Resp: 2498232
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 9.8
 122 12.7 14.2 21.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.02 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Tgt Ion:264 Resp: 476009
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 22.3 17.4 26.0

