

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108520.D
 Acq On : 27 Aug 2018 19:36
 Operator : JU/SJ
 Sample : J4621-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Aug 28 02:02:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

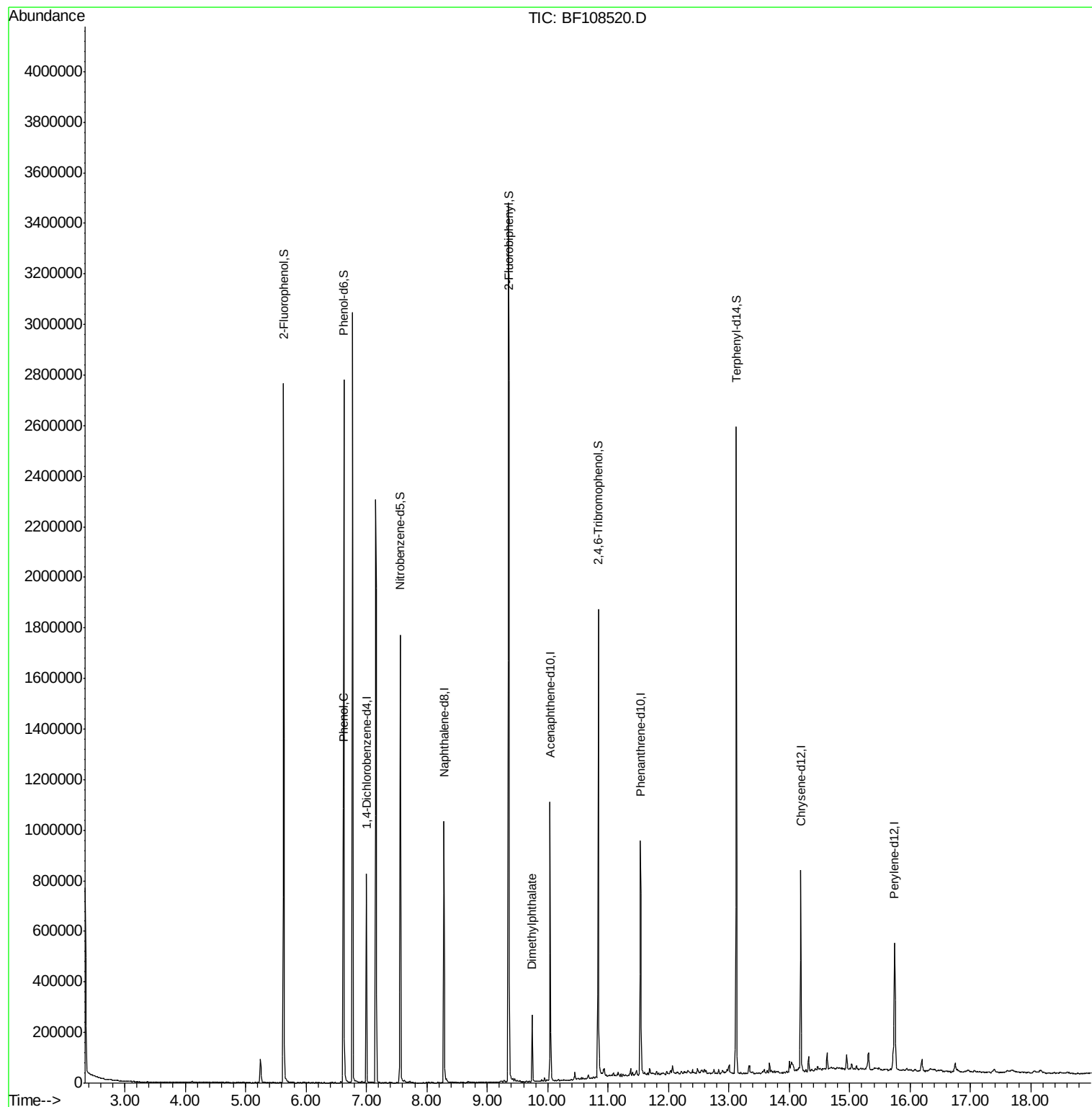
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	116869	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	444716	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	209658	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	337945	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	272021	20.00	ng	-0.01
86) Perylene-d12	15.74	264	257896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	660554	102.33	ng	0.00
7) Phenol-d6	6.62	99	892559	104.05	ng	0.00
23) Nitrobenzene-d5	7.56	82	591240	74.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	212853	101.78	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1091785	83.60	ng	-0.01
78) Terphenyl-d14	13.12	244	818777	76.53	ng	0.00
Target Compounds						
10) Phenol	6.64	94	18196	2.051	ng	89
49) Dimethylphthalate	9.74	163	97887	6.703	ng	98

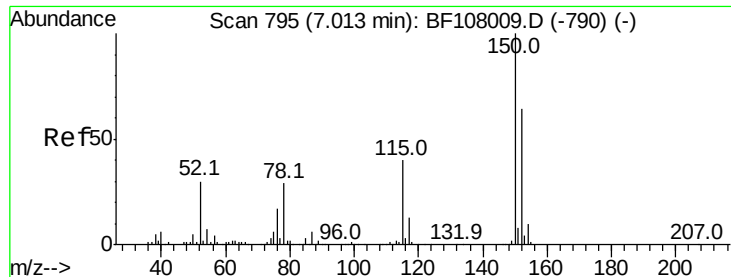
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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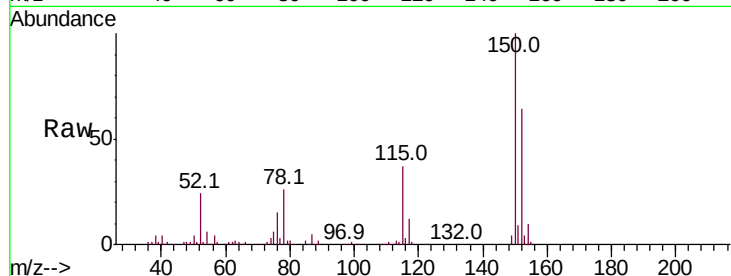


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	57.9	50.1	75.1

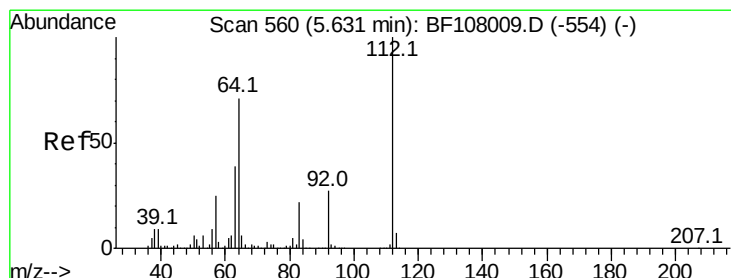
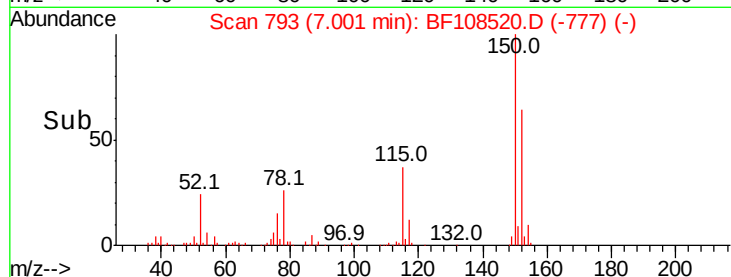
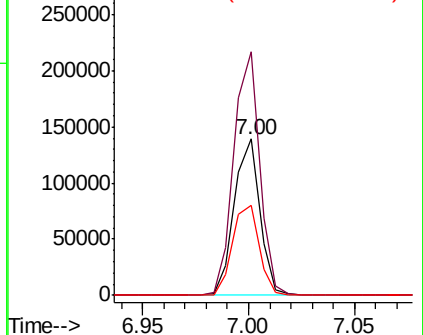


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

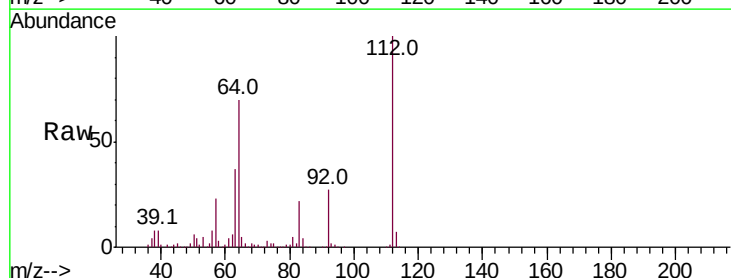
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.329 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	37.0	23.7	35.5

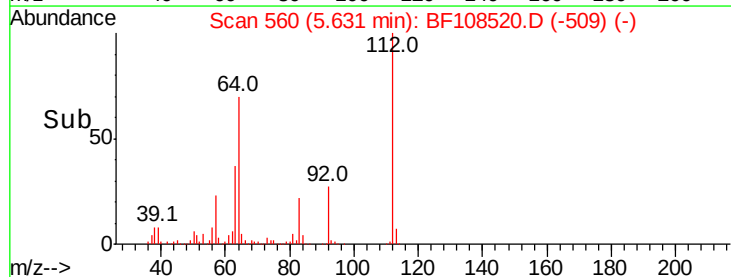
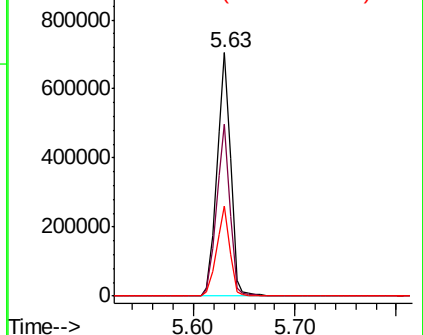


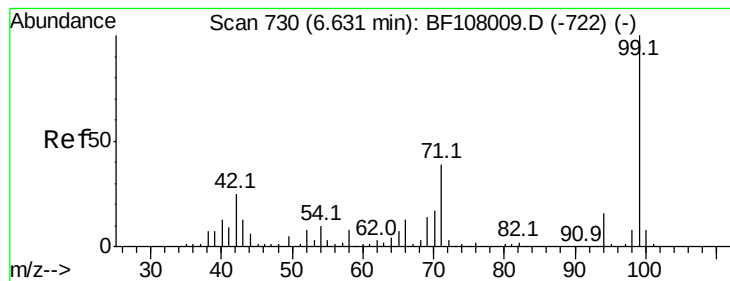
Abundance

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: 104.051 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108520.D

Acq: 27 Aug 2018 19:36

Instrument :

BNA_F

ClientSampleId :

SP-2

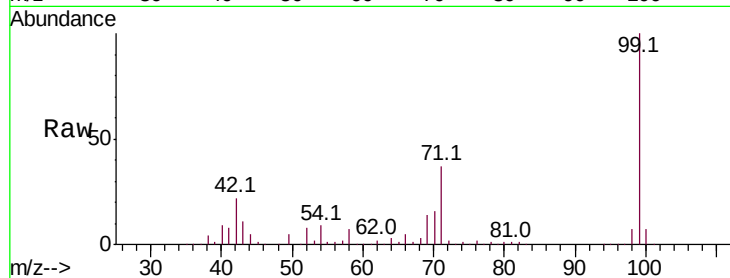
Tot Ion: 99 Resp: 892559

Ion Ratio Lower Upper

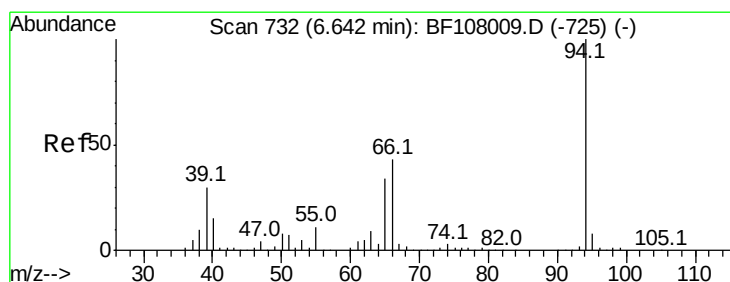
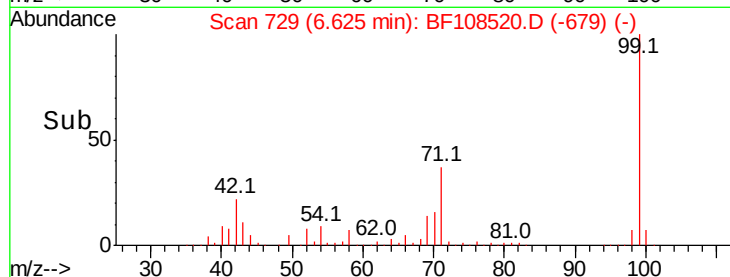
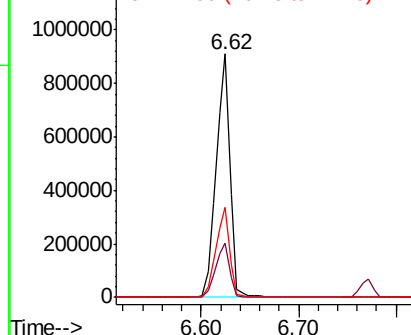
99 100

42 22.4 14.5 21.7#

71 36.9 25.4 38.0



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: 2.051 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108520.D

Acq: 27 Aug 2018 19:36

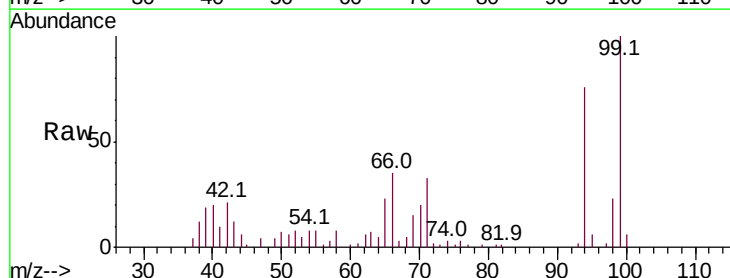
Tgt Ion: 94 Resp: 18196

Ion Ratio Lower Upper

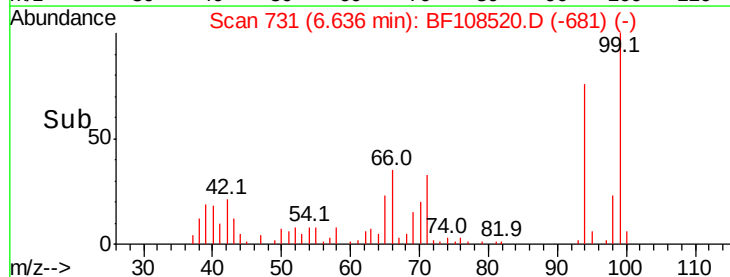
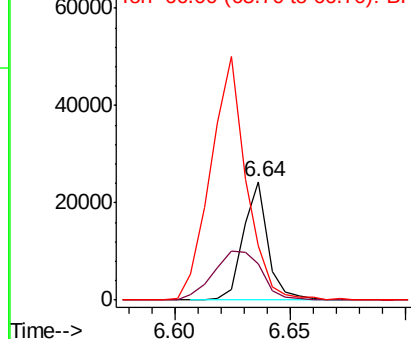
94 100

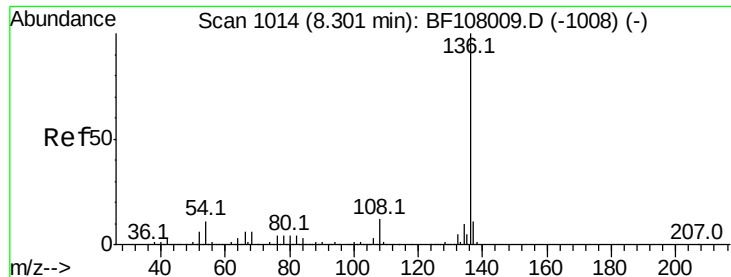
65 30.3 7.9 47.9

66 45.7 16.2 56.2



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

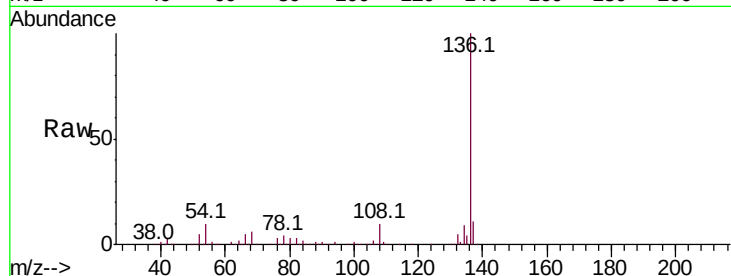




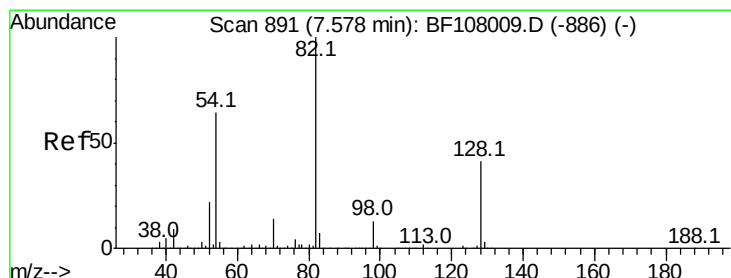
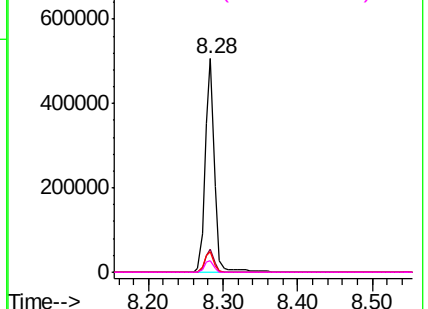
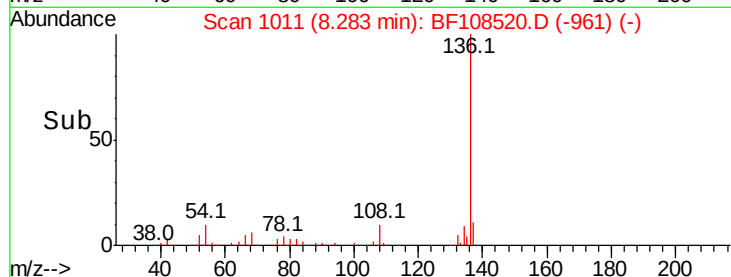
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion:136	Resp:	444716
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	9.6	6.6 9.8
68	5.5	5.0 7.4

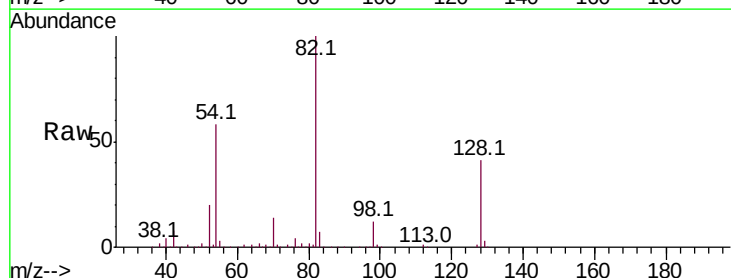


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

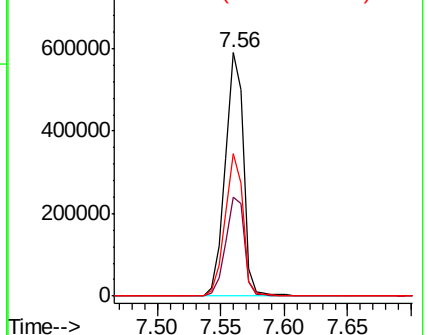
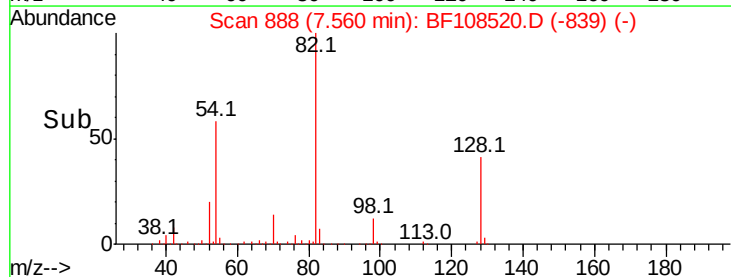


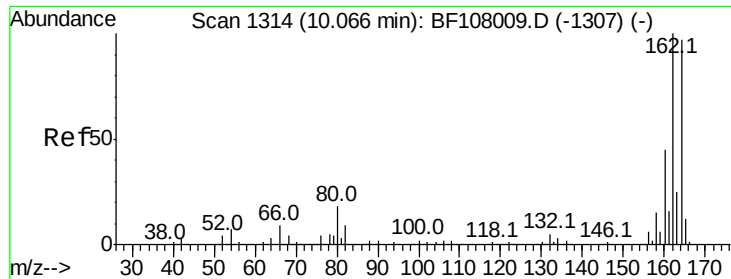
#23
Nitrobenzene-d5
Concen: 74.187 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion: 82	Resp:	591240
Ion	Ratio	Lower Upper
82	100	
128	40.8	36.1 54.1
54	58.4	41.4 62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108520.D

Acq: 27 Aug 2018 19:36

Instrument :

BNA_F

ClientSampleId :

SP-2

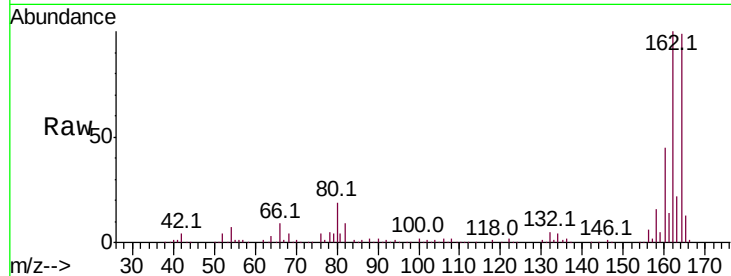
Tot Ion:164 Resp: 209658

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

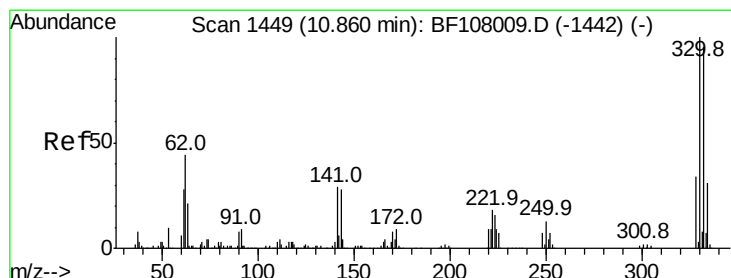
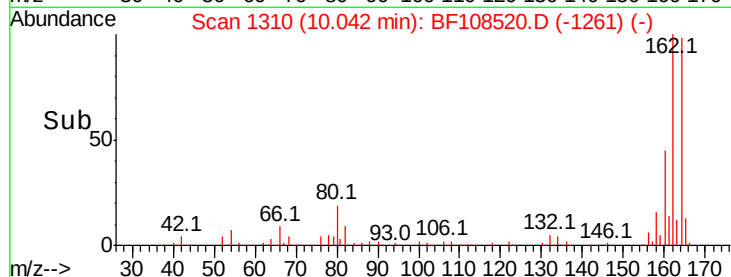
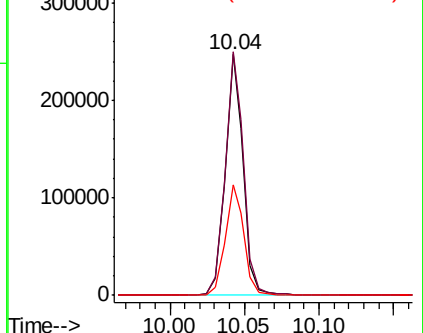
160 45.7 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 101.781 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108520.D

Acq: 27 Aug 2018 19:36

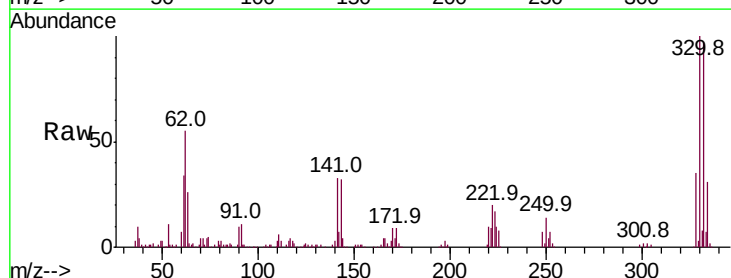
Tgt Ion:330 Resp: 212853

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

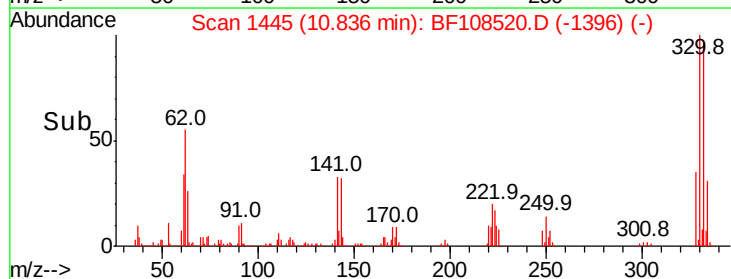
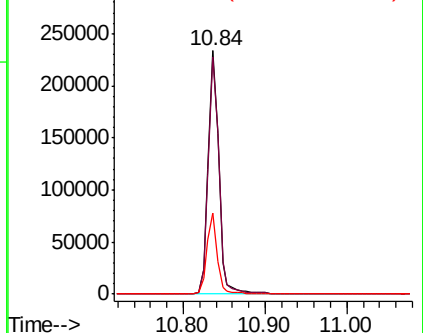
141 32.5 29.9 44.9

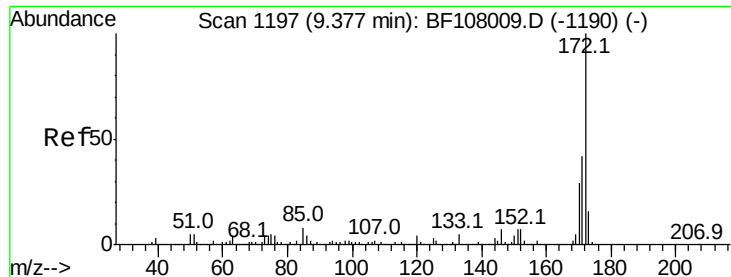


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.604 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108520.D

Acq: 27 Aug 2018 19:36

Instrument :

BNA_F

ClientSampleId :

SP-2

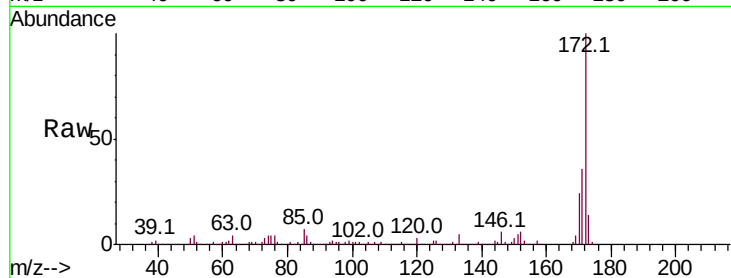
Tot Ion:172 Resp: 1091785

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

172 100

171 35.9 29.7 44.5

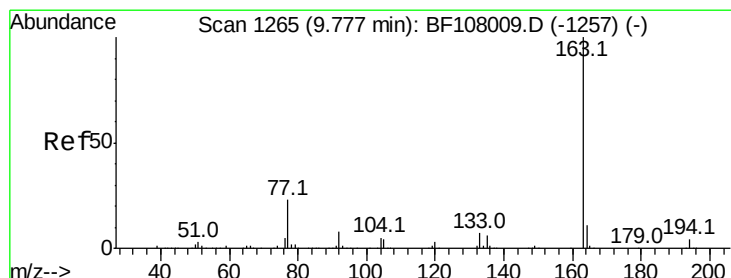
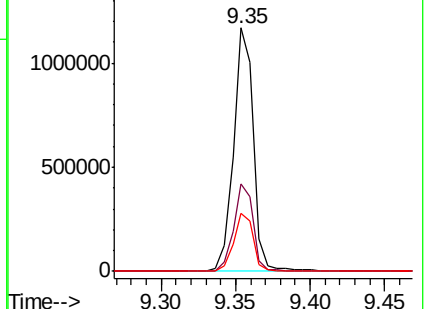
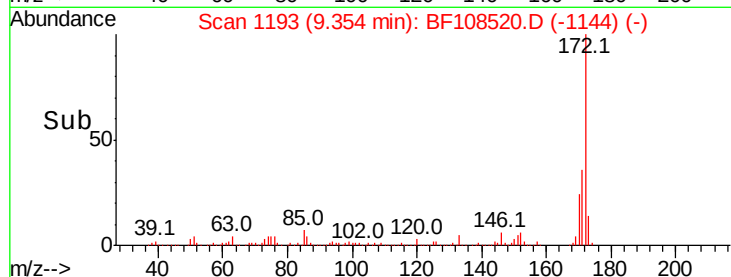
170 24.0 19.6 29.4



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



#49

Dimethylphthalate

Concen: 6.703 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108520.D

Acq: 27 Aug 2018 19:36

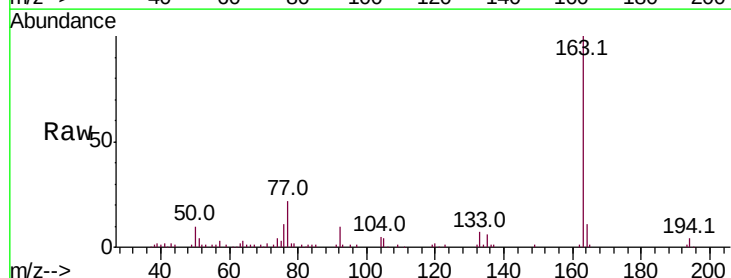
Tgt Ion:163 Resp: 97887

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.9	8.2	12.2

163 100

194 3.7 2.7 4.1

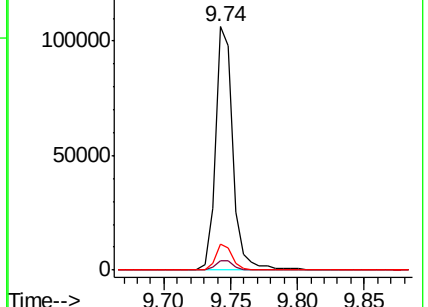
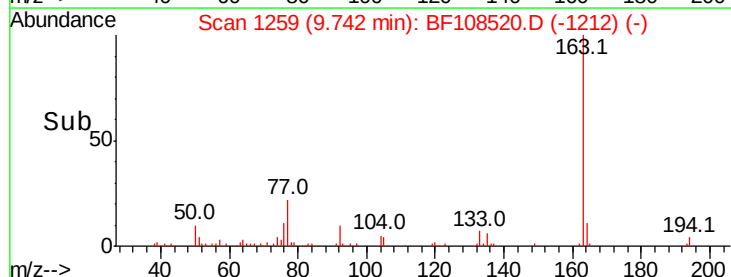
164 10.9 8.2 12.2

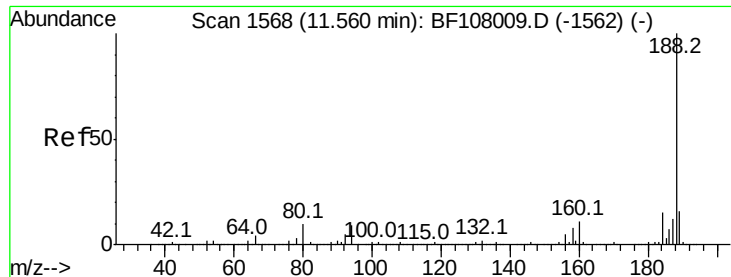


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

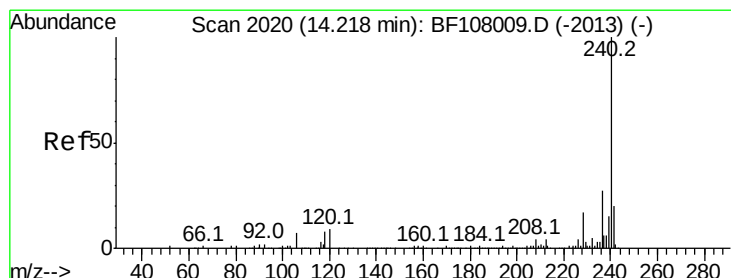
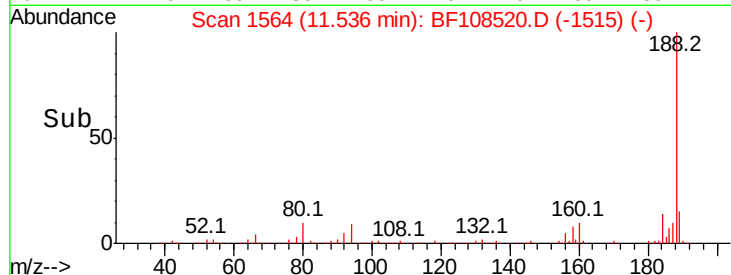
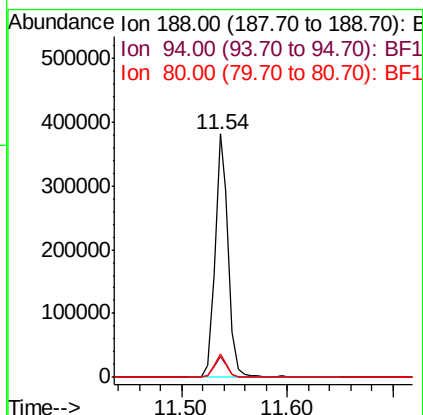
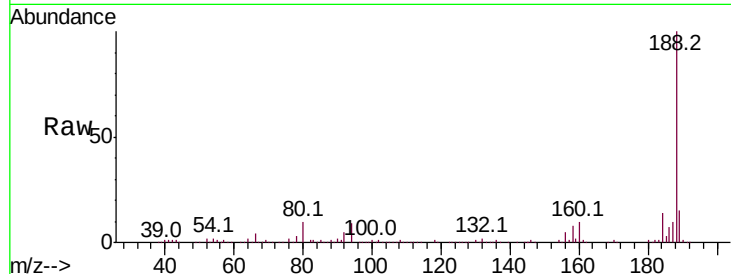




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

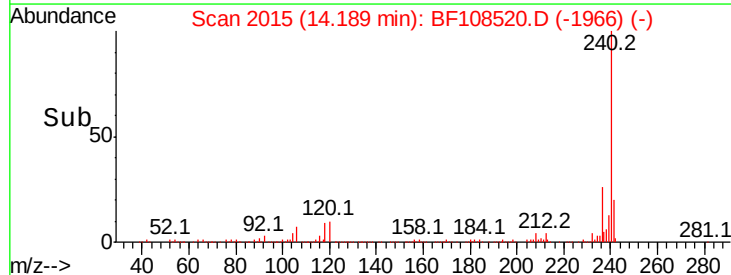
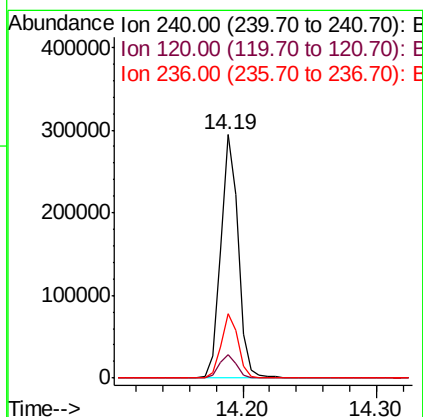
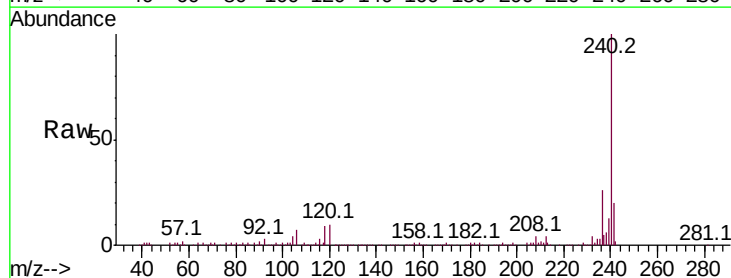
Instrument :
BNA_F
ClientSampled :
SP-2

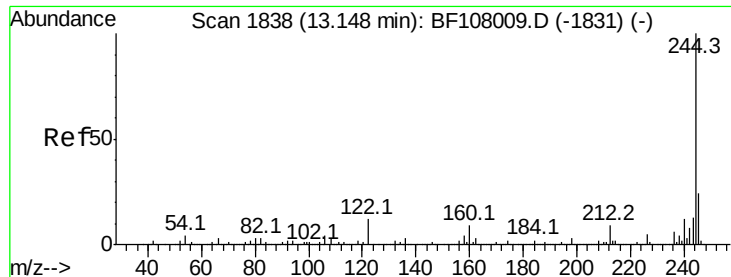
Tot Ion:188 Resp: 337945
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:240 Resp: 272021
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 26.4 20.7 31.1

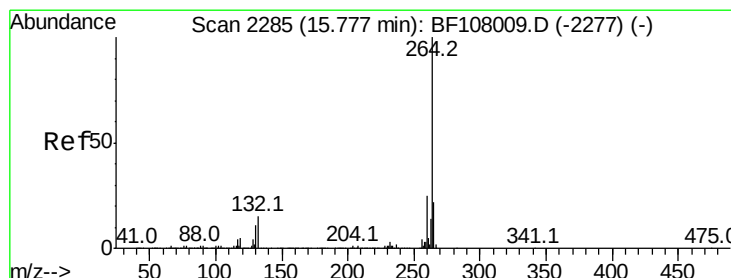
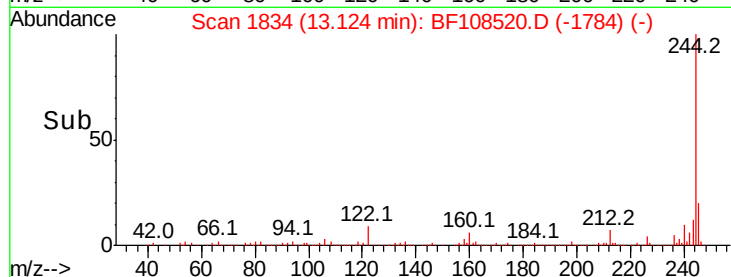
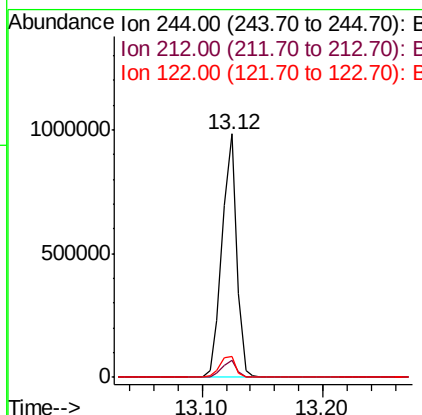
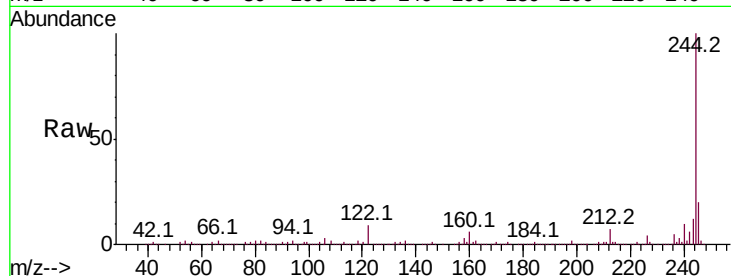




#78
 Terphenyl-d14
 Concen: 76.531 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108520.D
 Acq: 27 Aug 2018 19:36

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion:244 Resp: 818777
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108520.D
 Acq: 27 Aug 2018 19:36

Tgt Ion:264 Resp: 257896
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.5 26.3

