

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103755.D
 Acq On : 19 Mar 2018 14:23
 Operator : JU/SJ
 Sample : J1750-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-B

Manual Integrations
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 3/20/2018 6:26:30 PM

Quant Time: Mar 19 17:00:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164896	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	675894	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	317517	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	589583	20.00	ng	0.00
75) Chrysene-d12	14.16	240	511762	20.00	ng	0.00
86) Perylene-d12	15.69	264	419968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1304874	120.36	ng	0.02
7) Phenol-d6	6.60	99	1459776	110.06	ng	0.00
23) Nitrobenzene-d5	7.53	82	1081807	111.62	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	433903	158.94	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1738923	87.36	ng	0.00
78) Terphenyl-d14	13.10	244	1860213	84.37	ng	0.00
Target Compounds						
32) Benzoic acid	7.98	122	115791	23.455	ng	Qvalue 94

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

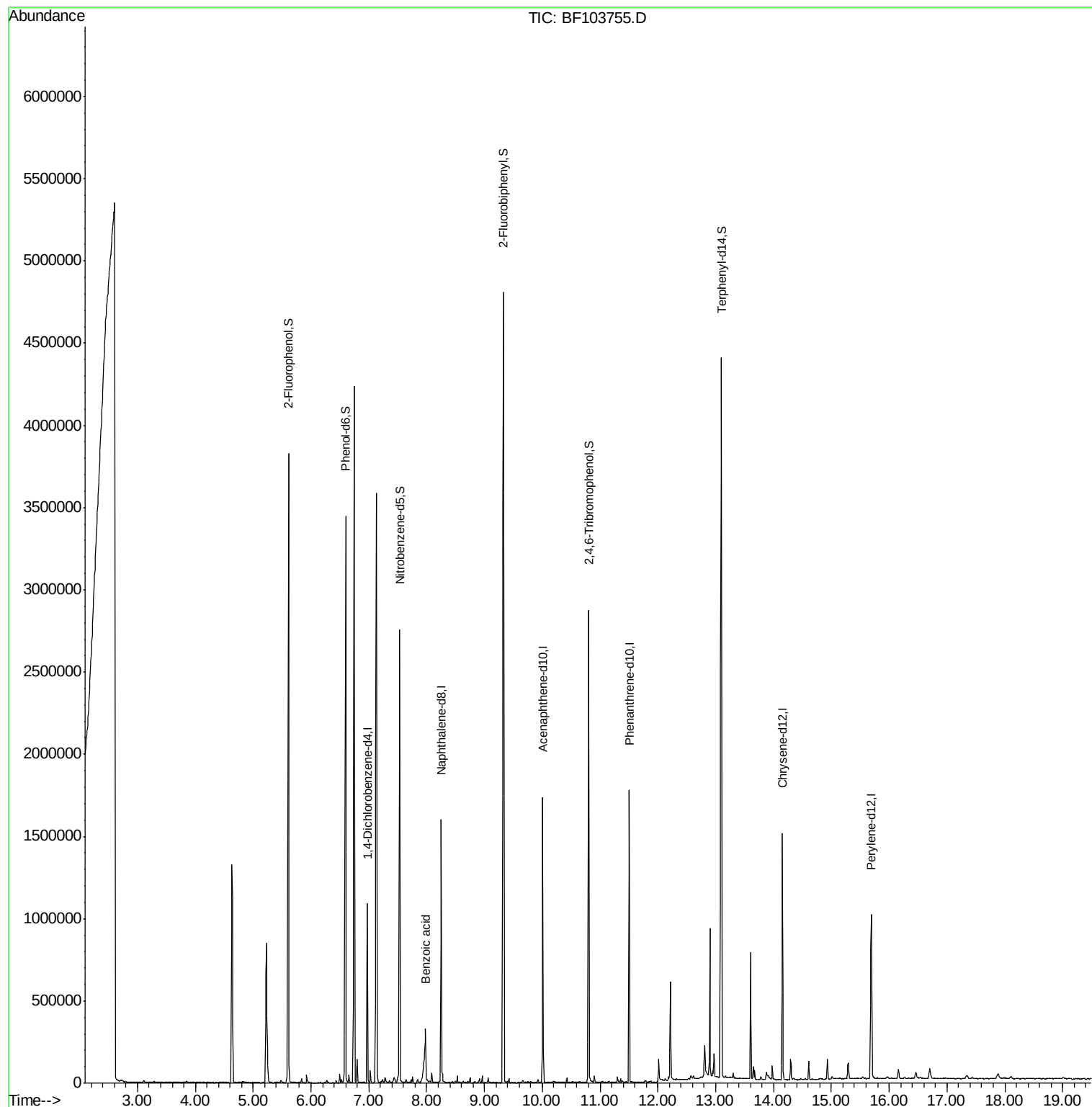
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103755.D
Acq On : 19 Mar 2018 14:23
Operator : JU/SJ
Sample : J1750-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

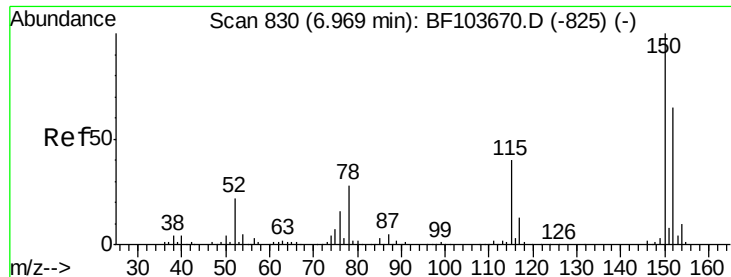
Instrument :
BNA_F
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#1

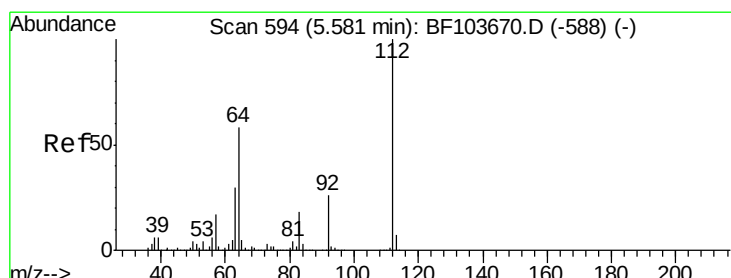
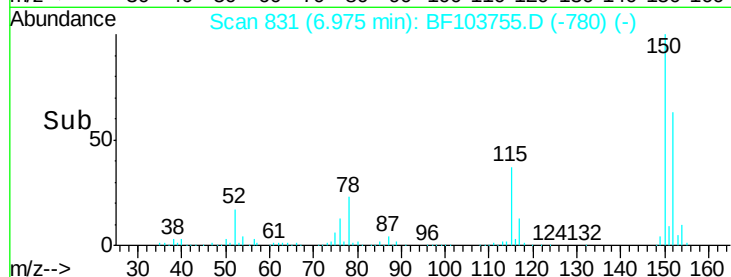
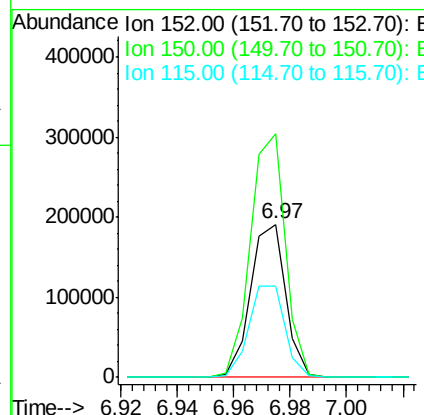
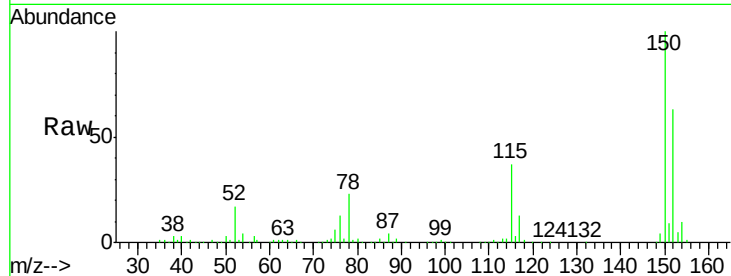
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	59.4	50.1	75.1

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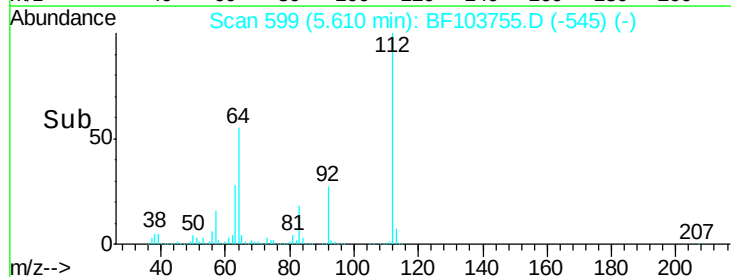
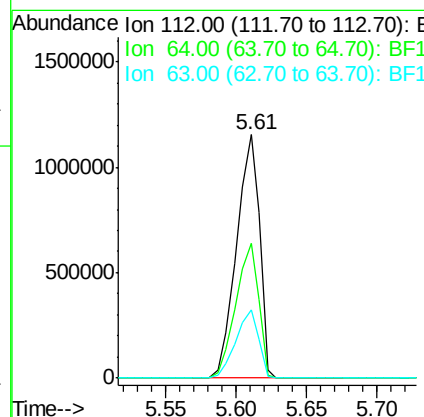
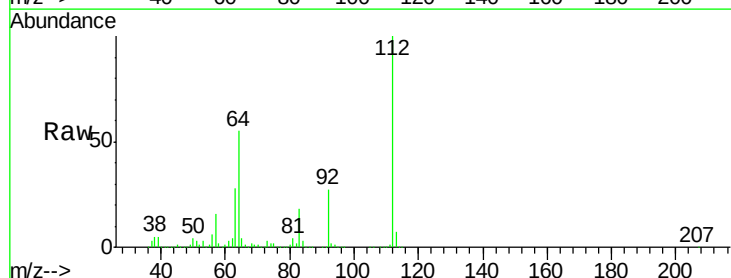
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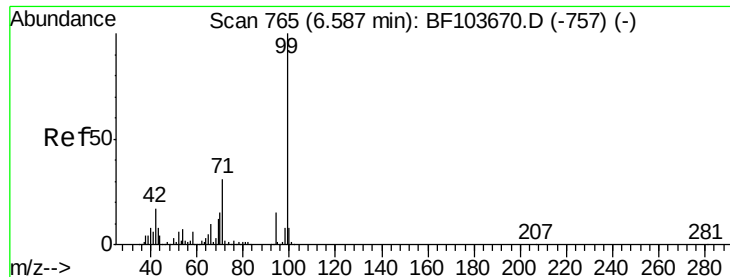


#5

2-Fluorophenol
Concen: 120.361 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 110.059 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-B

Tot Ion: 99 Resp: 1459776

Ion Ratio Lower Upper

99 100

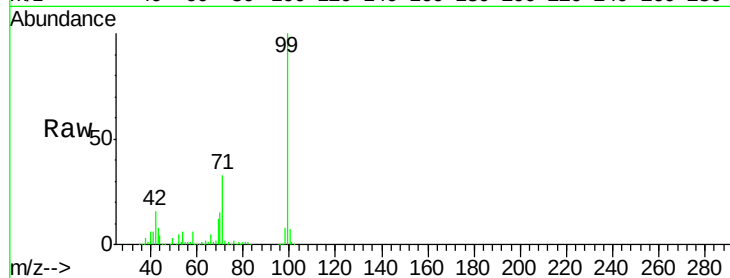
42 15.7 14.5 21.7

71 32.9 25.4 38.0

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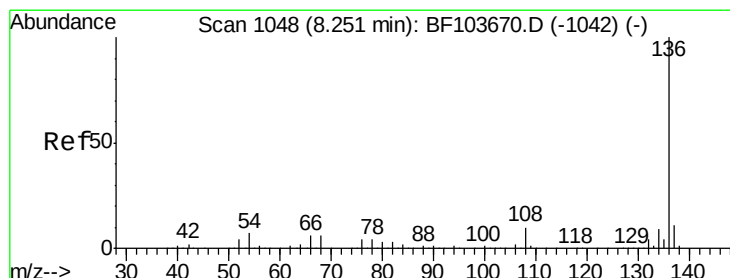
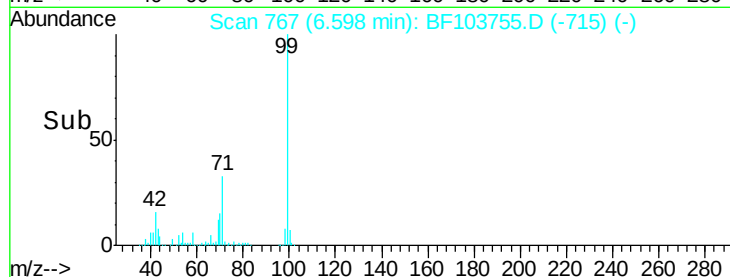
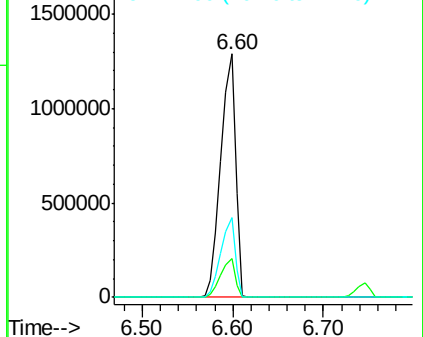
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

Tgt Ion: 136 Resp: 675894

Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.3 6.6 9.8

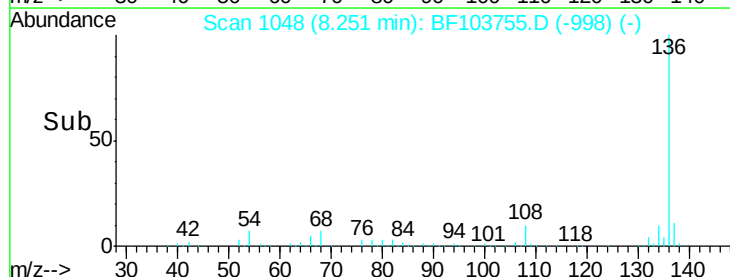
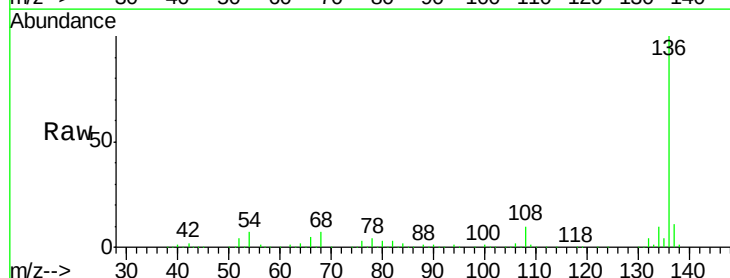
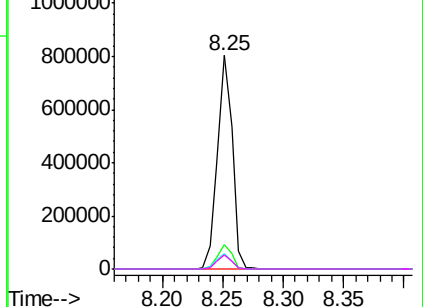
68 6.7 5.0 7.4

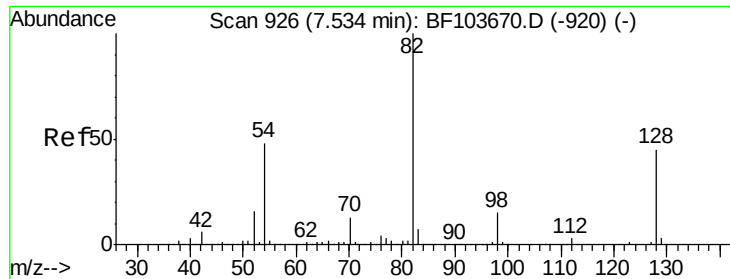
Abundance Ion 136.00 (135.70 to 136.70): E

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





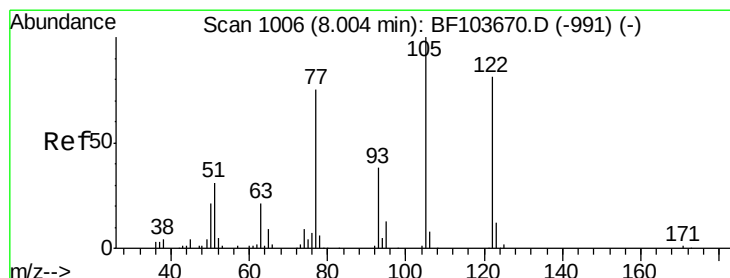
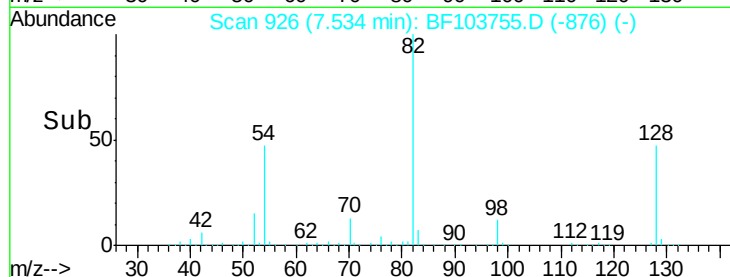
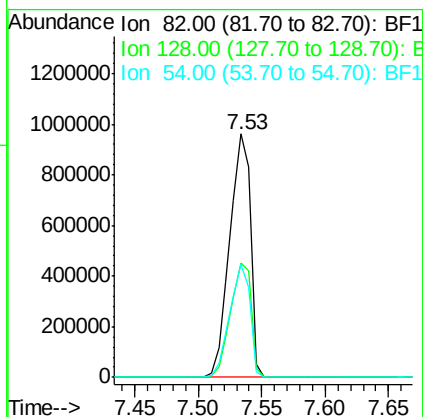
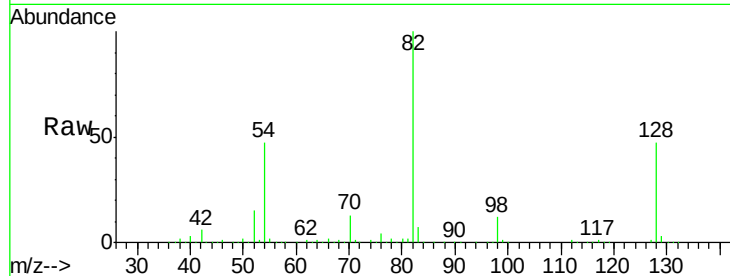
#23
Nitrobenzene-d5
Concen: 111.616 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-B

Tot Ion: 82 Resp: 1081807
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 46.6 41.4 62.2

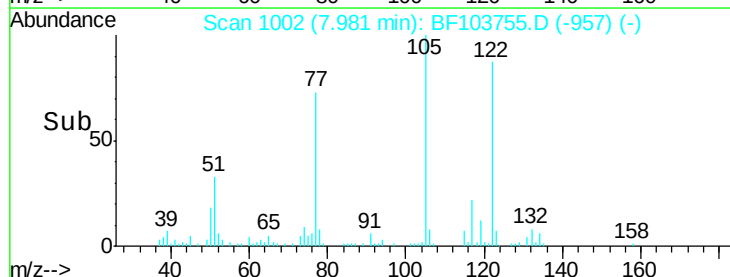
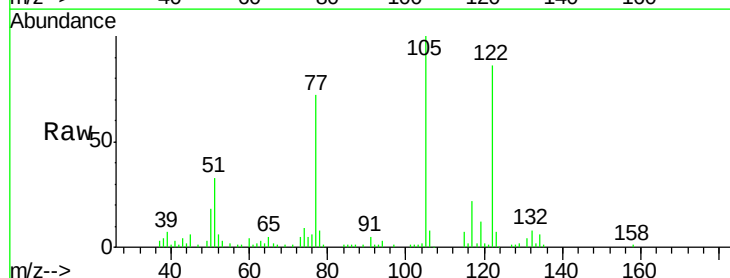
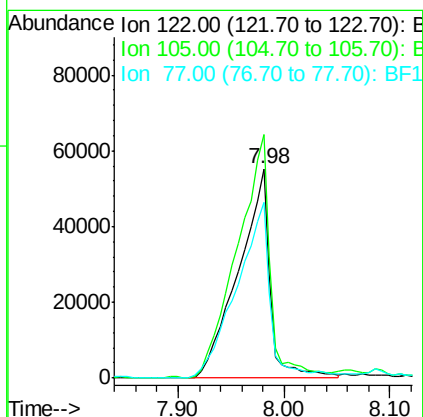
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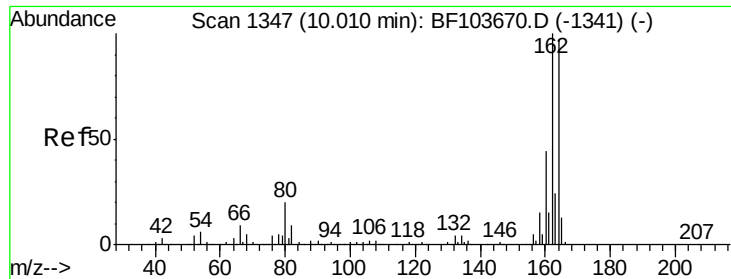
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#32
Benzoic acid
Concen: 23.455 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.04 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion: 122 Resp: 115791
Ion Ratio Lower Upper
122 100
105 116.2 101.1 141.1
77 84.0 70.7 110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

Instrument :

BNA_F

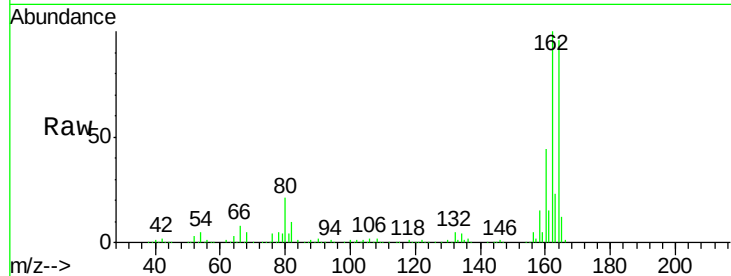
ClientSampleId :

HR-05-031518-B

Tot Ion:	164	Resp:	317517
Ion Ratio	Lower	Upper	
164	100		
162	104.1	86.1	129.1
160	45.8	38.3	57.5

Manual Integrations
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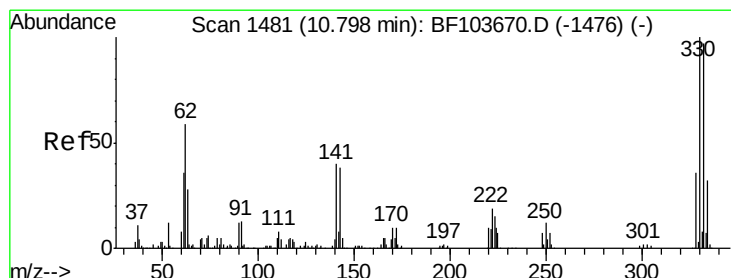
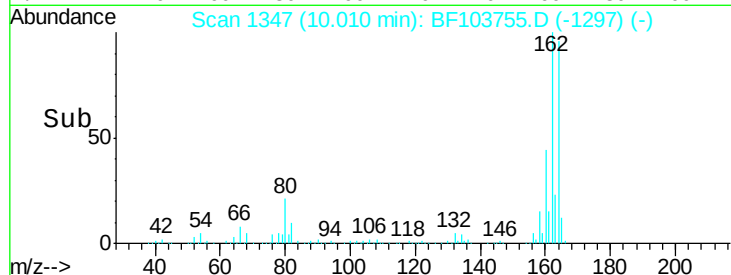
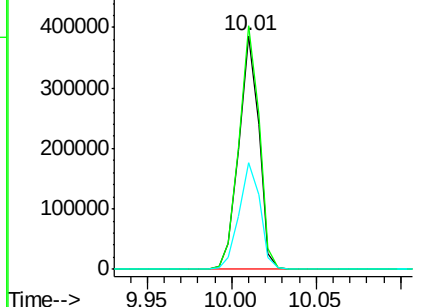
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 158.937 ng

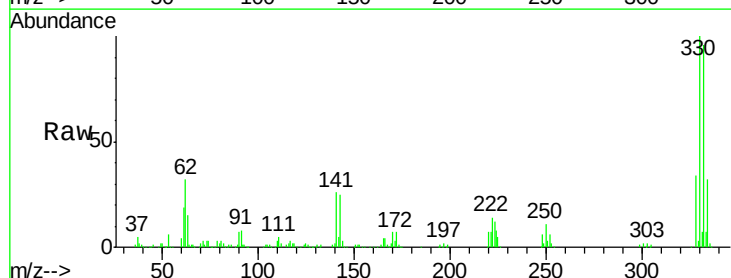
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

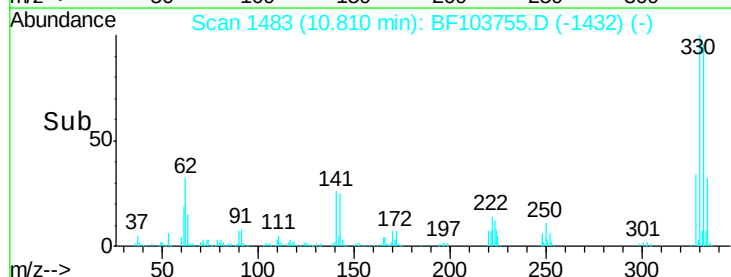
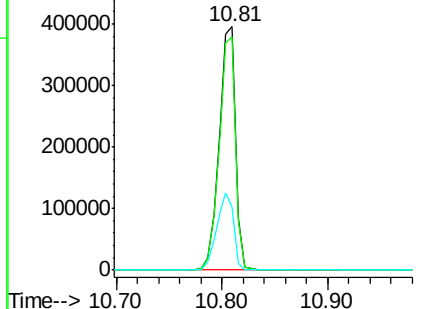
Tgt Ion:	330	Resp:	433903
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	32.6	29.9	44.9

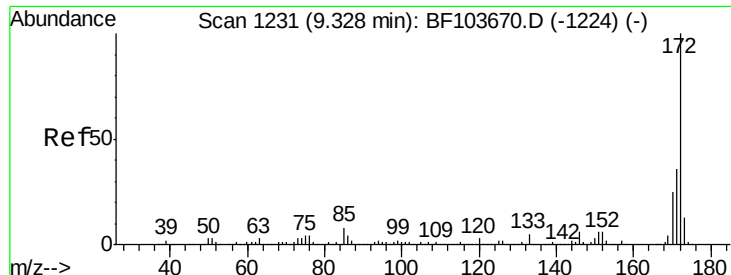


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





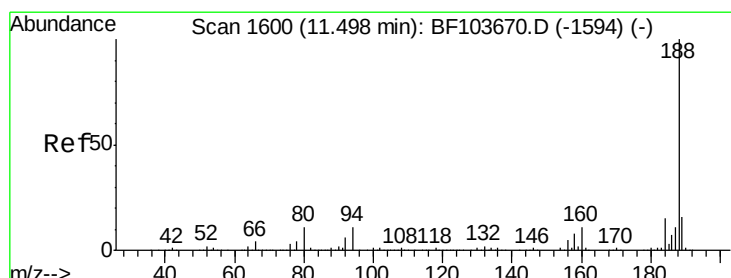
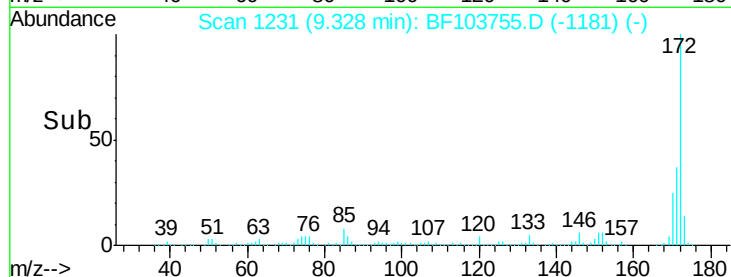
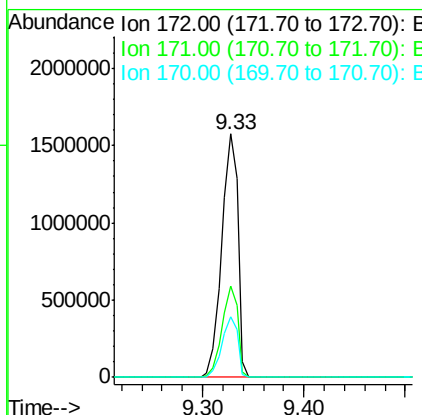
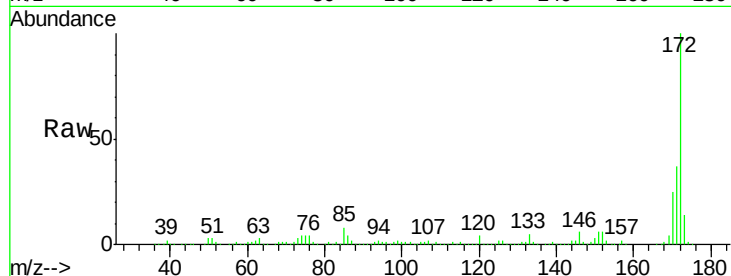
#44
2-Fluorobiphenyl
Concen: 87.360 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-B

Tot Ion:172 Resp: 1738923
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.9 19.6 29.4

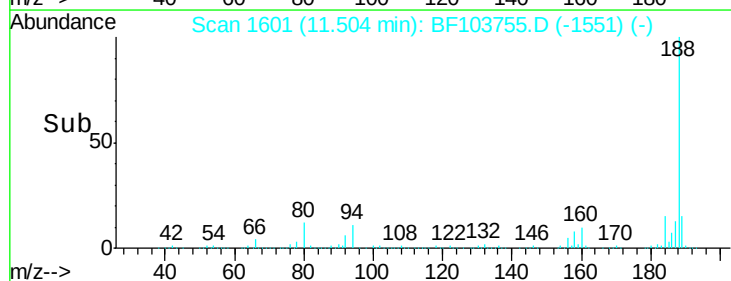
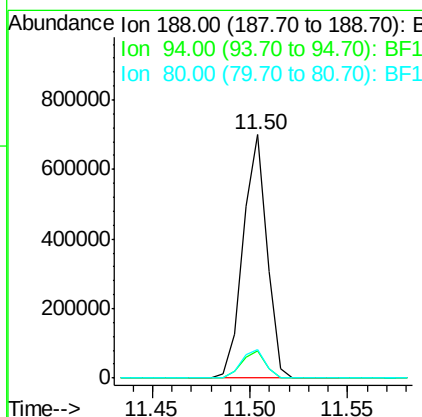
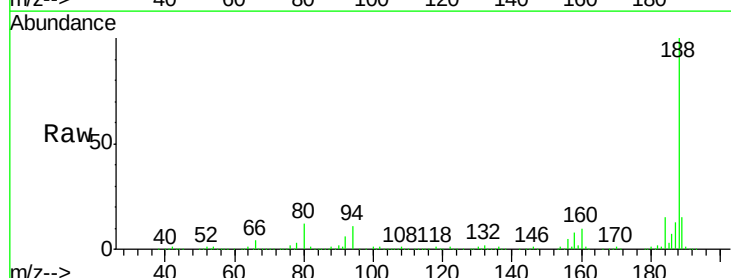
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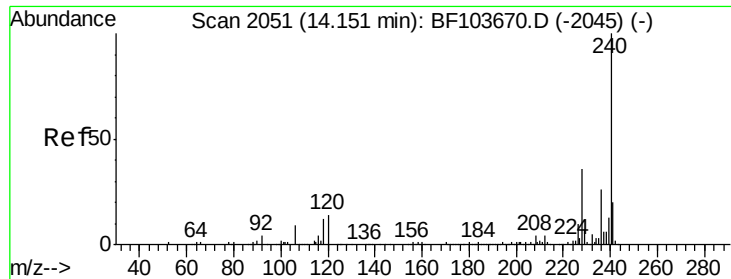
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion:188 Resp: 589583
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

Instrument :

BNA_F

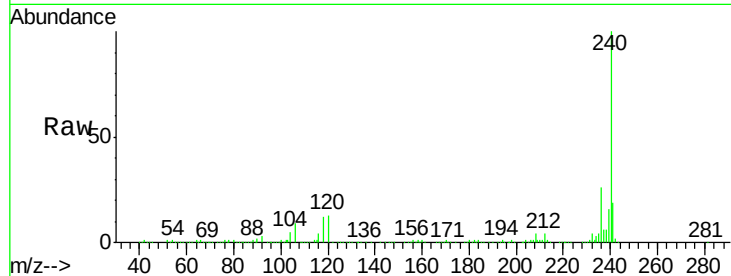
ClientSampleId :

HR-05-031518-B

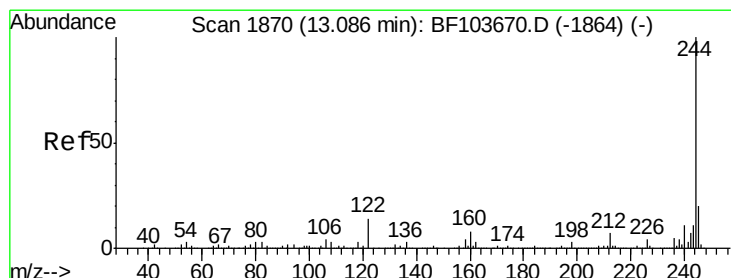
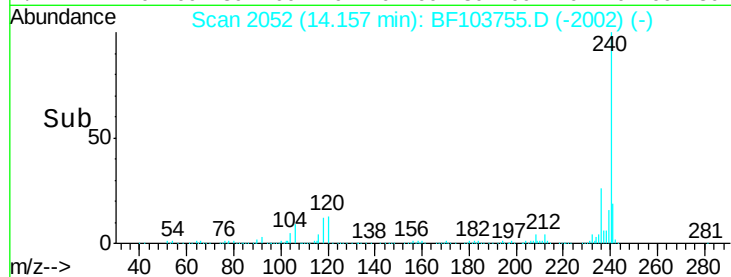
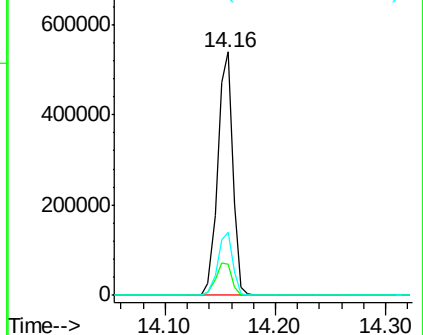
Tot Ion:	240	Resp:	511762
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	26.1	20.7	31.1

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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



#78

Terphenyl-d14

Concen: 84.372 ng

RT: 13.10 min Scan# 1872

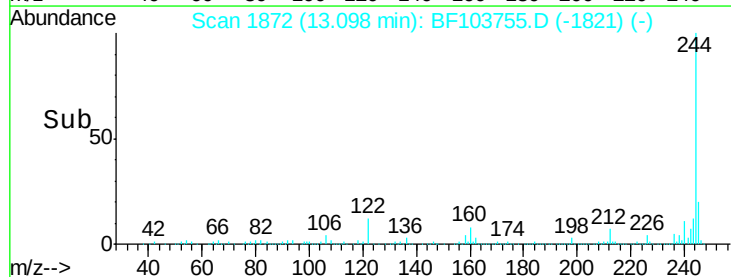
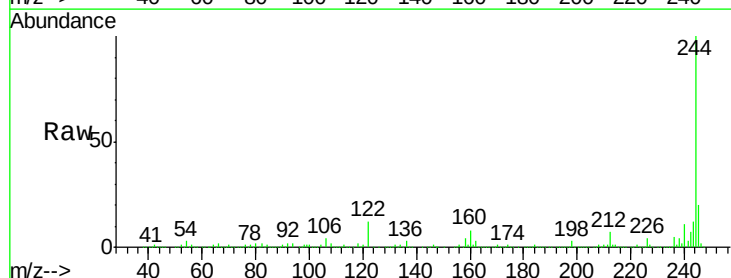
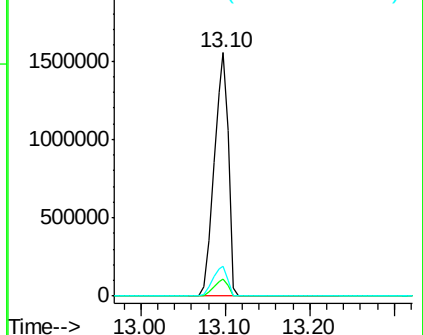
Delta R.T. 0.00 min

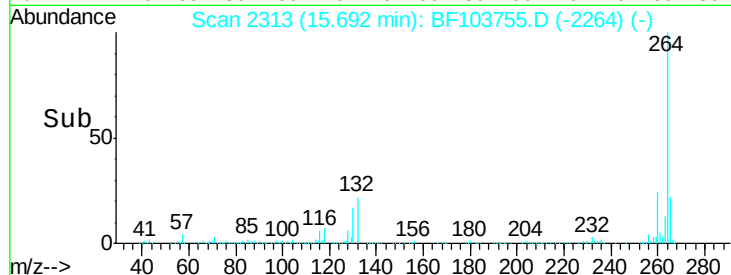
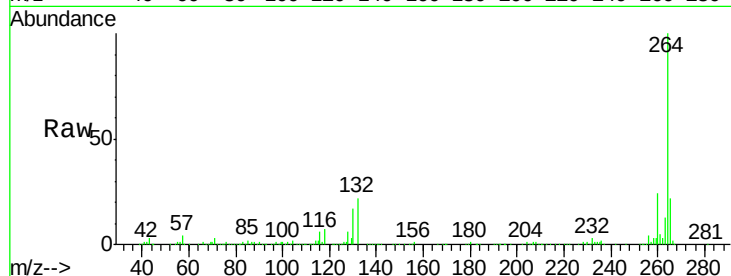
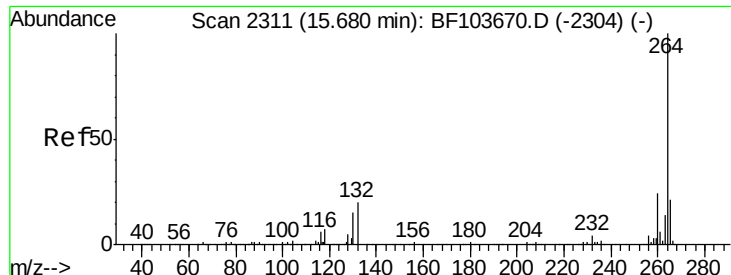
Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

Tgt Ion:	244	Resp:	1860213
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

Tot Ion:	264	Resp:	419968
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

Instrument :
 BNA_F
 ClientSampleId :
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