

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103763.D
 Acq On : 19 Mar 2018 18:43
 Operator : JU/SJ
 Sample : J1963-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-4-RO

Manual Integrations
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 3/20/2018 6:26:36 PM

Quant Time: Mar 20 01:19:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170295	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	678886	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	315311	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	551999	20.00	ng	0.00
75) Chrysene-d12	14.16	240	381722	20.00	ng	0.00
86) Perylene-d12	15.69	264	317536	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1074734	95.99	ng	0.02
7) Phenol-d6	6.59	99	1343733	98.10	ng	0.00
23) Nitrobenzene-d5	7.53	82	812125	83.42	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	319118	117.71	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1306842	66.11	ng	0.00
78) Terphenyl-d14	13.09	244	1193605	72.58	ng	0.00
Target Compounds						
10) Phenol	6.60	94	37071	2.547	ng	96
49) Dimethylphthalate	9.72	163	148816	6.186	ng	100
70) Phenanthrene	11.53	178	77564	2.569	ng	98
74) Fluoranthene	12.72	202	125764	4.043	ng	97
77) Pyrene	12.95	202	108745	3.879	ng	97
80) Benzo(a)anthracene	14.14	228	54205	2.243	ng	92
82) Chrysene	14.18	228	55763	2.421	ng	99
87) Benzo(b)fluoranthene	15.23	252	59085m	2.945	ng	
89) Benzo(a)pyrene	15.62	252	38750	2.130	ng	# 87

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

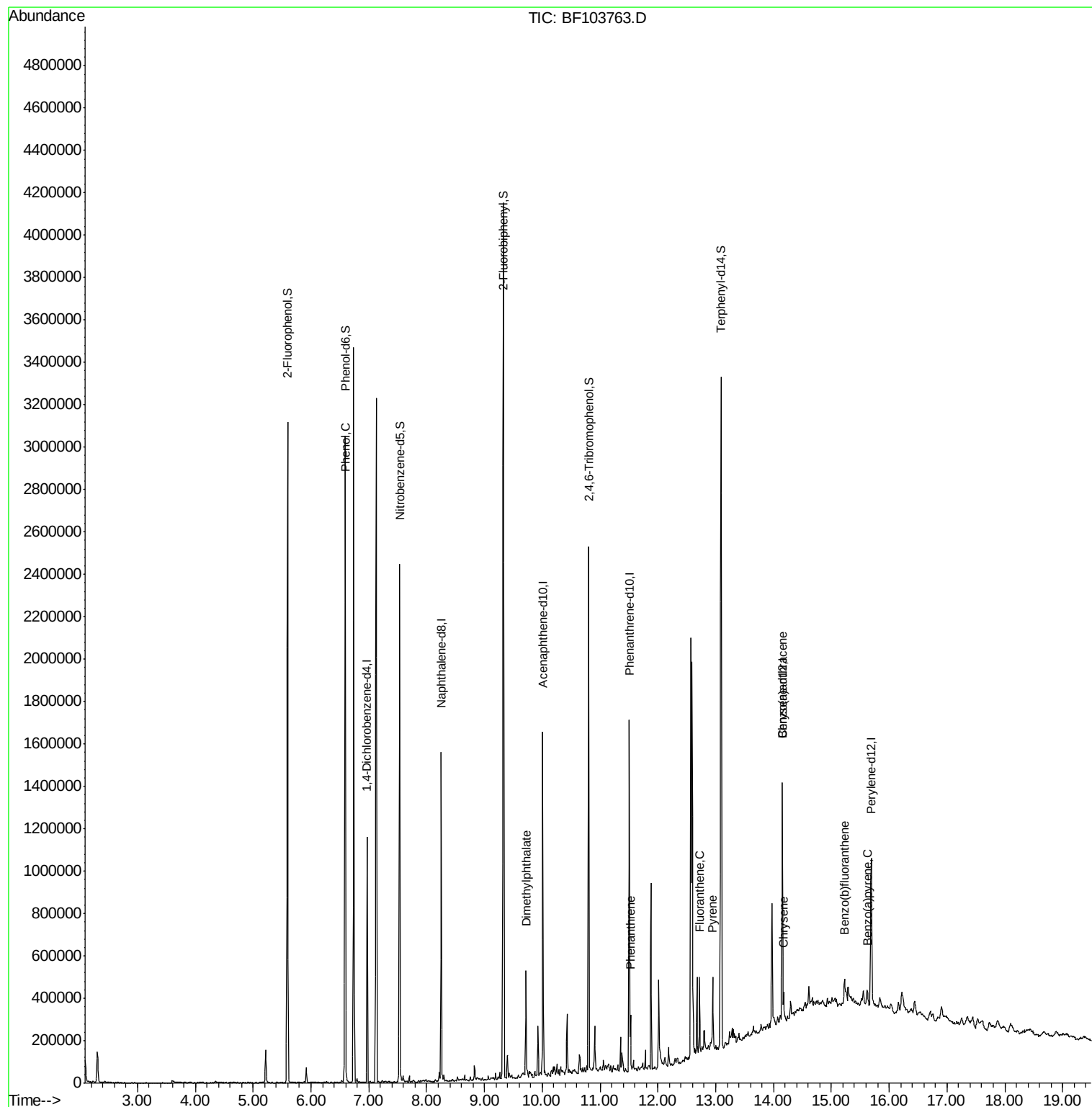
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103763.D
Acq On : 19 Mar 2018 18:43
Operator : JU/SJ
Sample : J1963-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

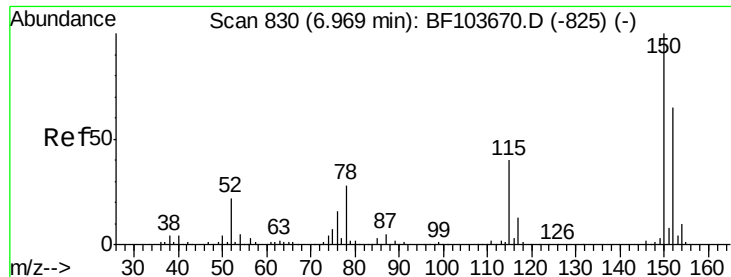
Instrument :
BNA_F
ClientSampleId :
1-4-RO

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Quant Time: Mar 20 01:19:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration





#1

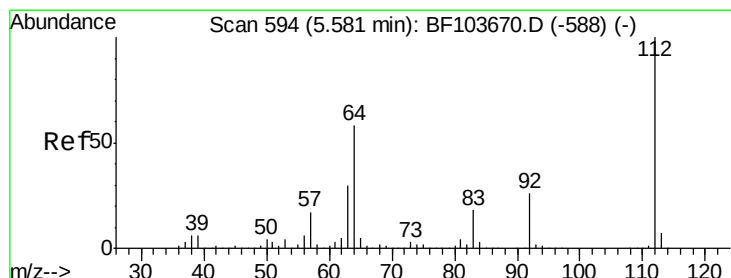
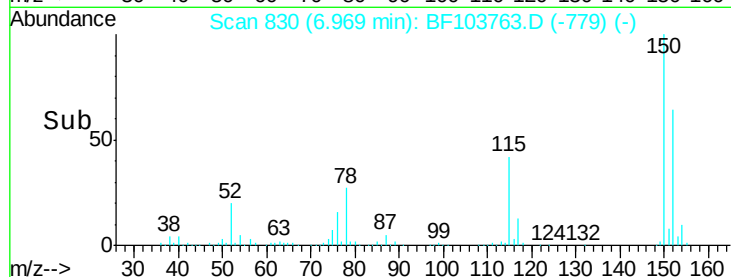
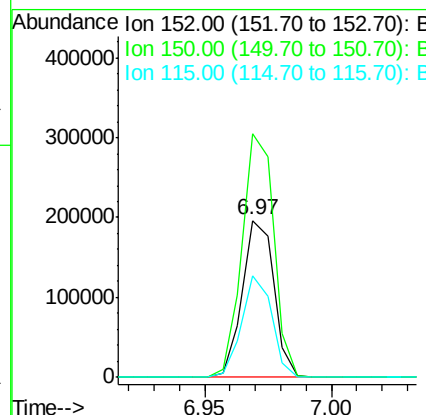
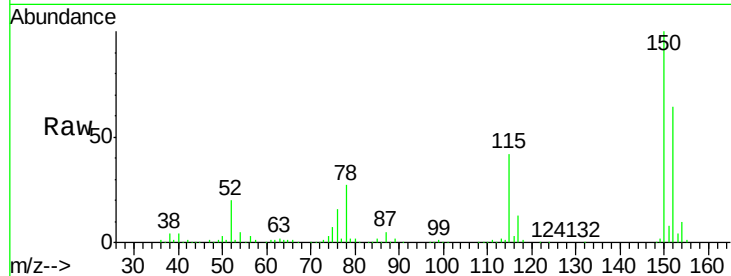
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Instrument :
BNA_F
ClientSampleId :
1-4-RO

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	64.8	50.1	75.1

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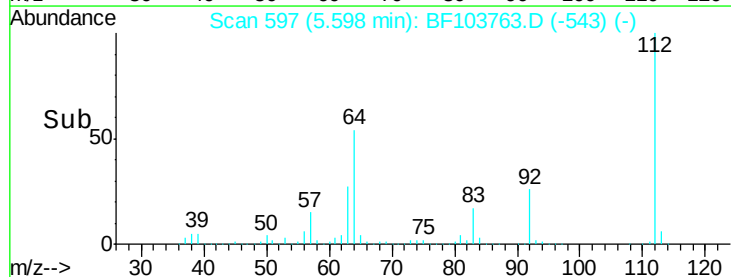
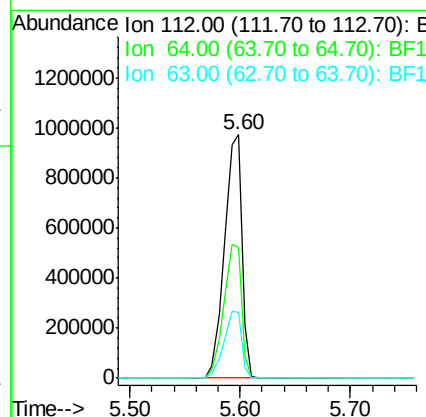
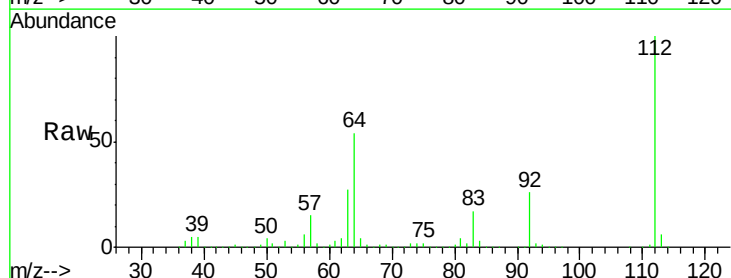
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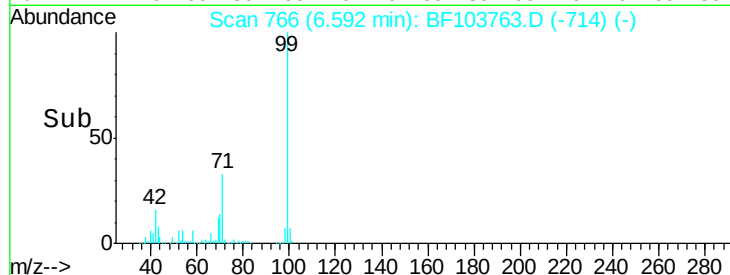
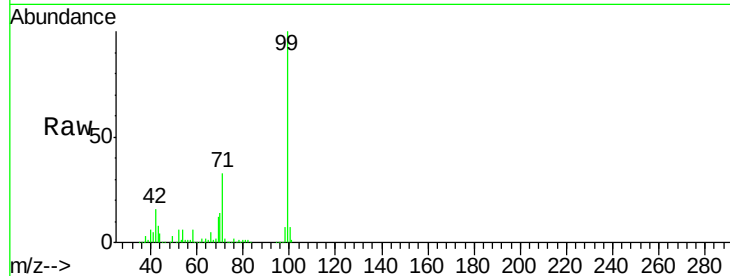
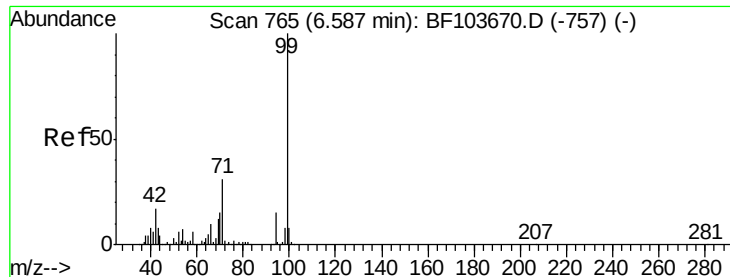


#5

2-Fluorophenol
Concen: 95.990 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	27.0	23.7	35.5





#7

Phenol-d6

Concen: 98.098 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

Tot Ion: 99 Resp: 1343733

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 32.6 25.4 38.0

Instrument :

BNA_F

ClientSampled :

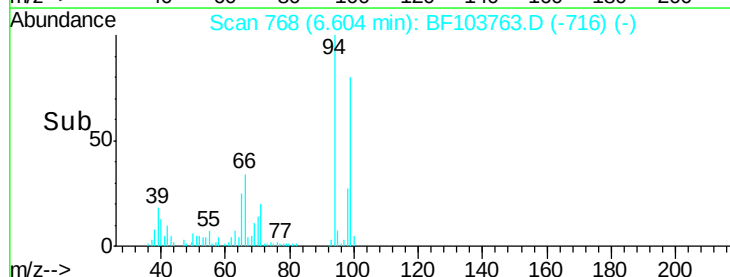
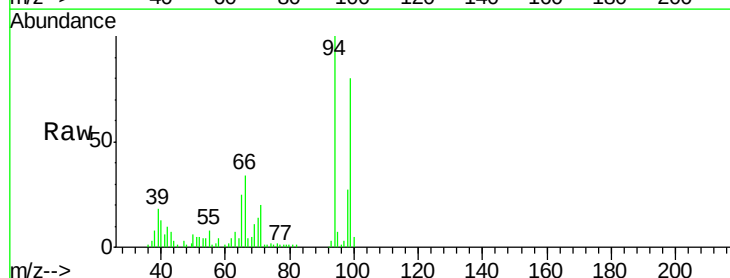
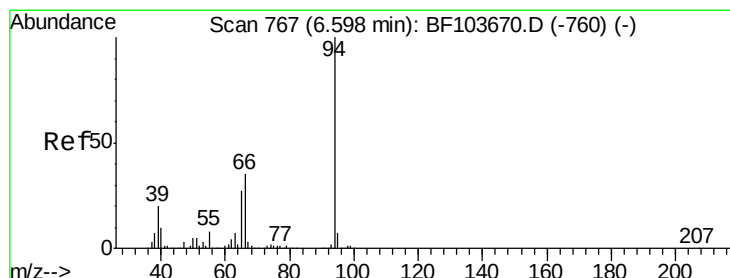
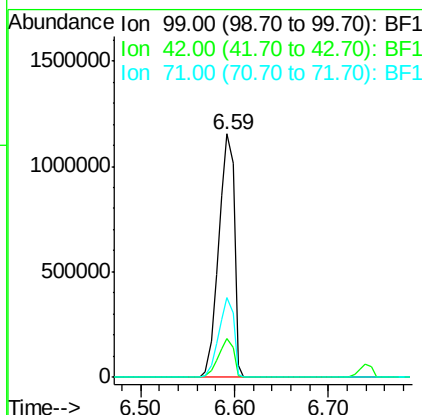
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#10

Phenol

Concen: 2.547 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

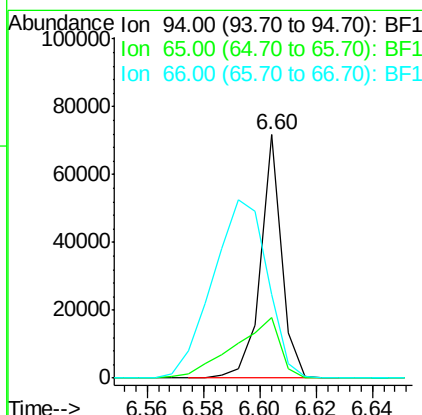
Tgt Ion: 94 Resp: 37071

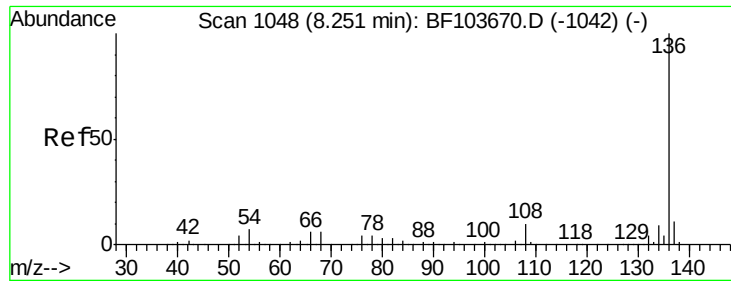
Ion Ratio Lower Upper

94 100

65 24.6 7.9 47.9

66 34.4 16.2 56.2





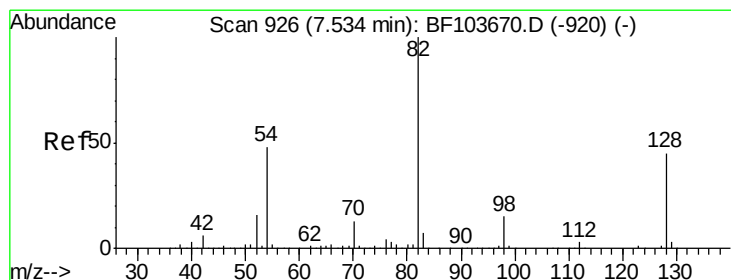
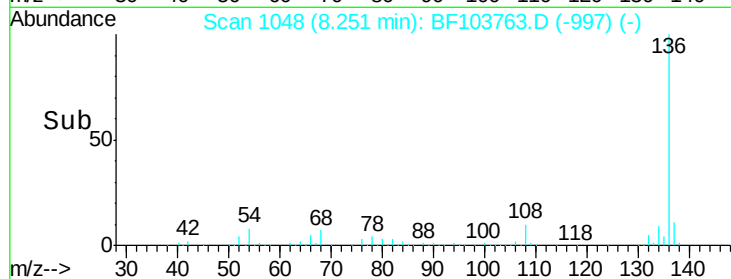
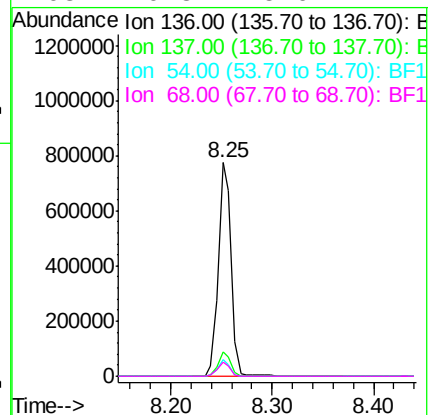
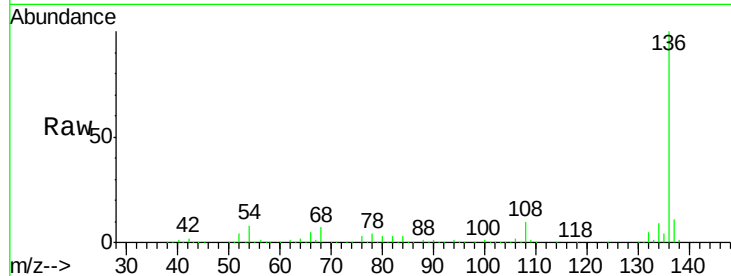
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Instrument :
BNA_F
ClientSampled :
1-4-RO

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		678886		
137	11.5		8.9	13.3	
54	7.8		6.6	9.8	
68	6.8		5.0	7.4	

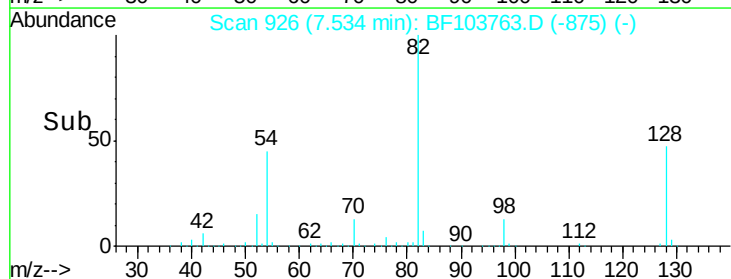
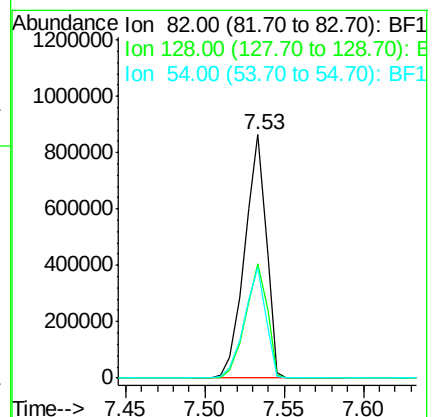
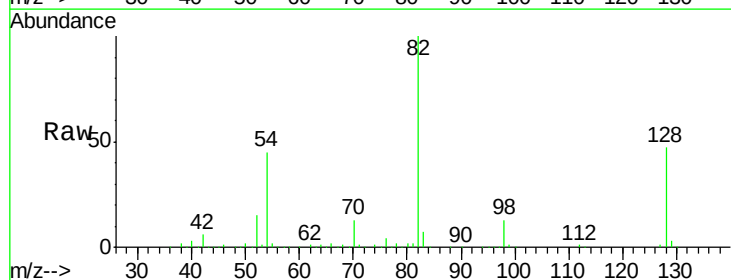
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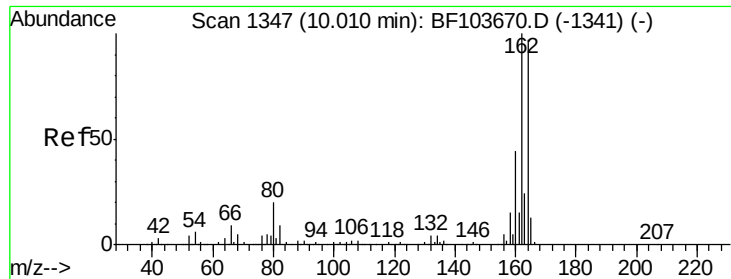
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#23
Nitrobenzene-d5
Concen: 83.422 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		812125		
128	47.1		36.1	54.1	
54	45.3		41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

Instrument :

BNA_F

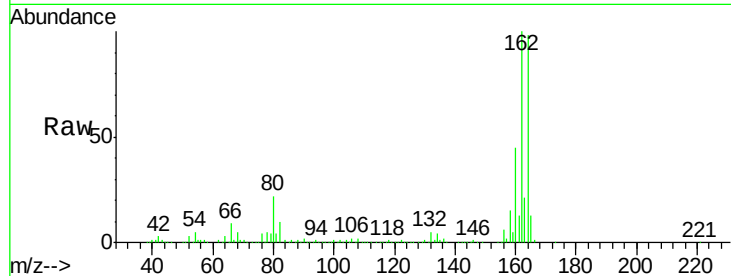
ClientSampled :

1-4-RO

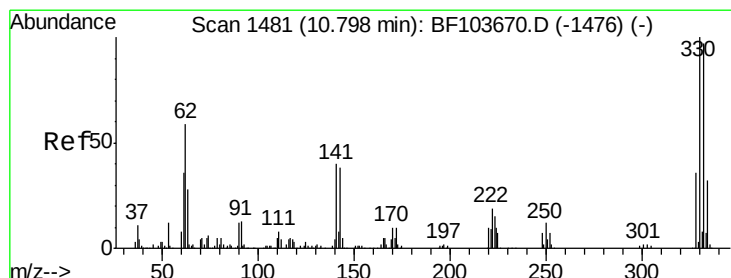
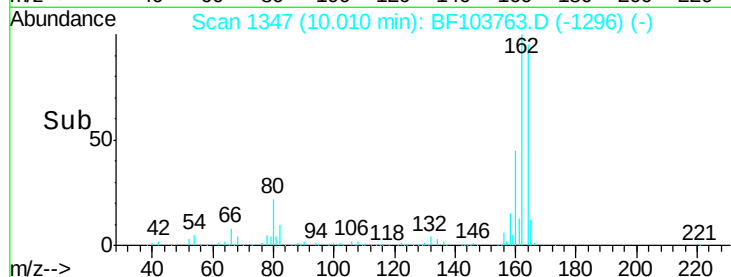
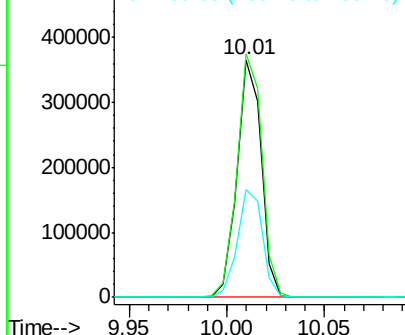
Tot Ion:	164	Resp:	315311
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.1	129.1
160	45.6	38.3	57.5

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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: 117.710 ng

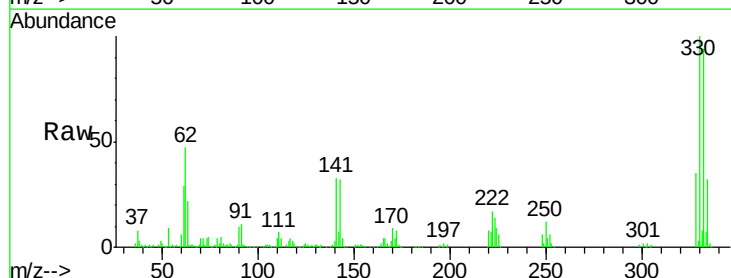
RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

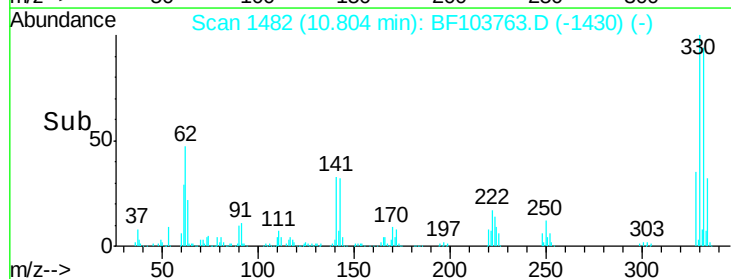
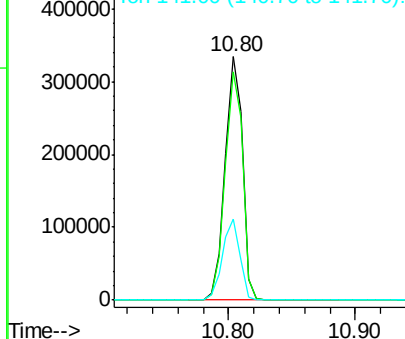
Lab File: BF103763.D

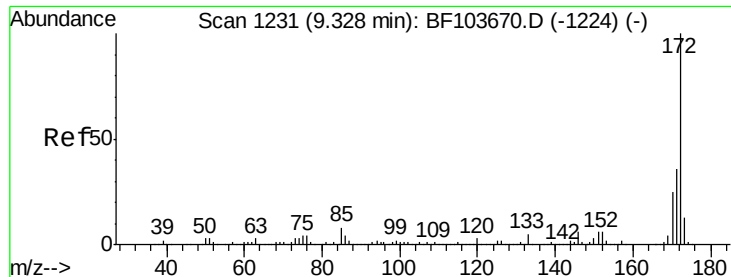
Acq: 19 Mar 2018 18:43

Tgt Ion:	330	Resp:	319118
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.6
141	33.1	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





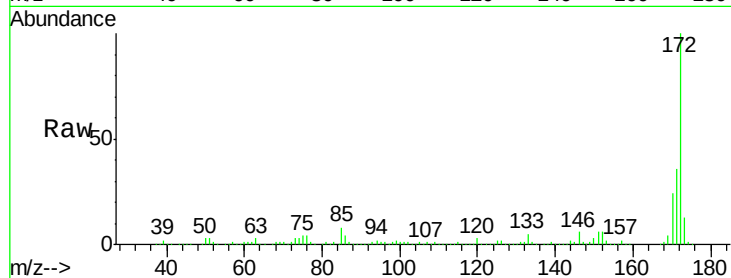
#44
2-Fluorobiphenyl
Concen: 66.113 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Instrument :
BNA_F
ClientSampleId :
1-4-RO

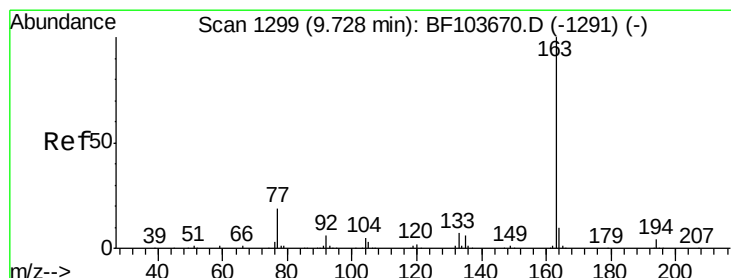
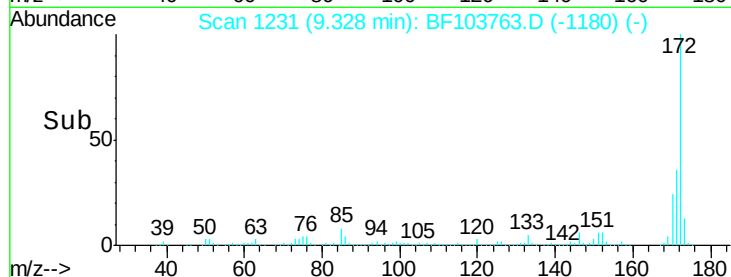
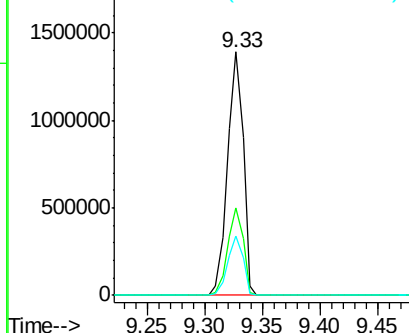
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.5	19.6	29.4

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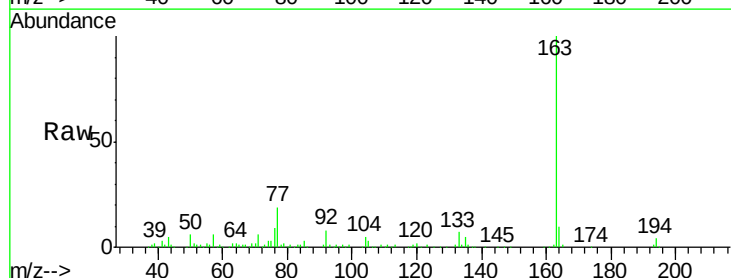


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

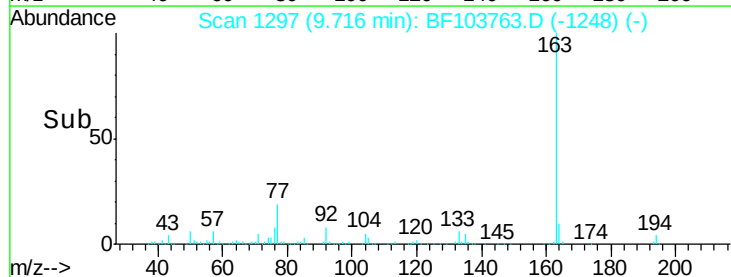
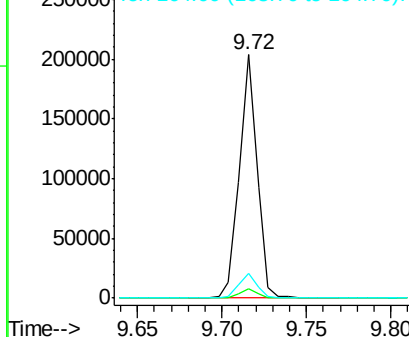


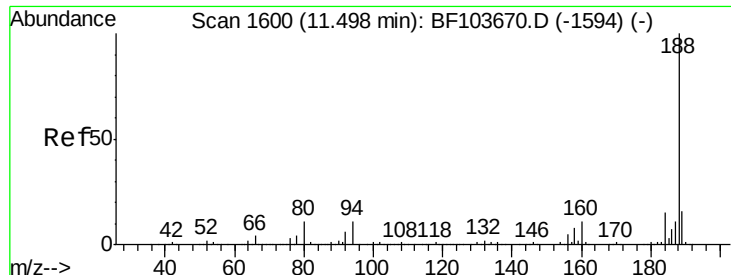
#49
Dimethylphthalate
Concen: 6.186 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.2	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





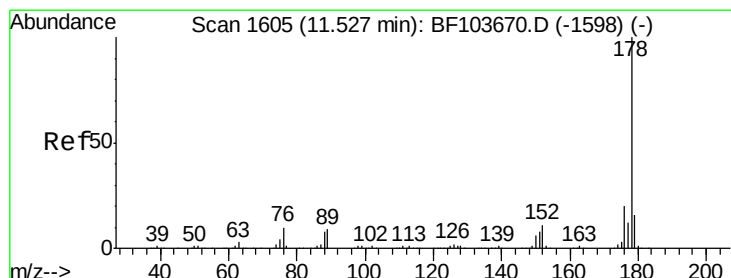
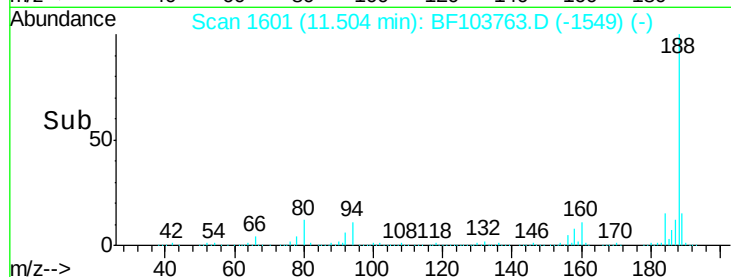
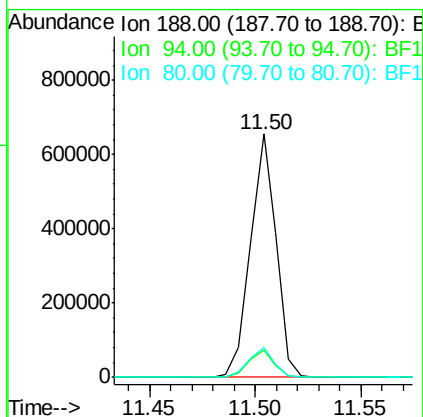
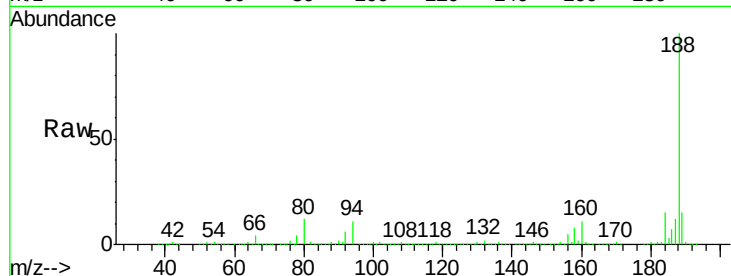
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Instrument :
BNA_F
ClientSampled :
1-4-RO

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.0	9.2	13.8

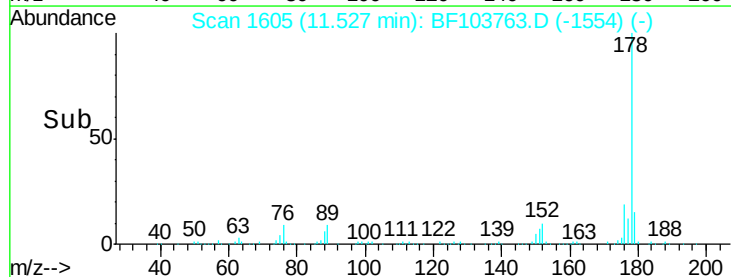
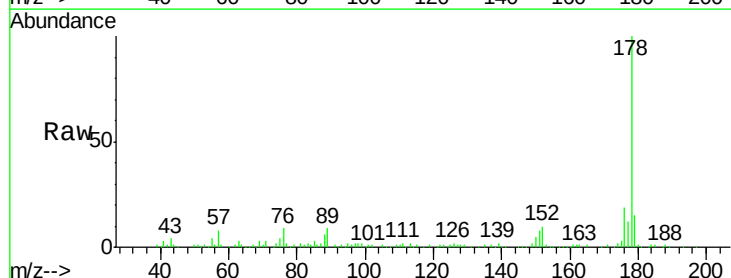
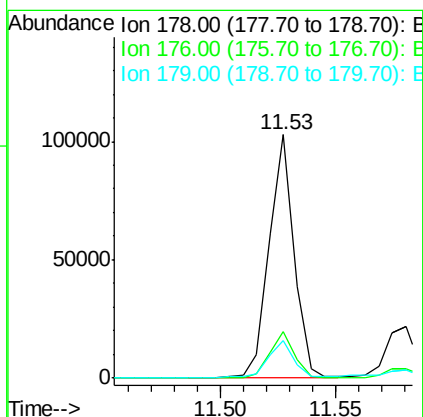
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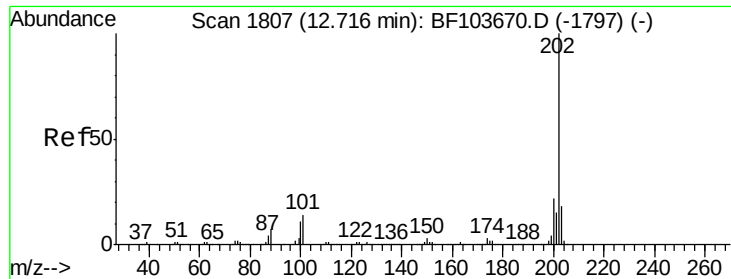
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#70
Phenanthrene
Concen: 2.569 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	13.0	19.6





#74

Fluoranthene

Concen: 4.043 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

Instrument :

BNA_F

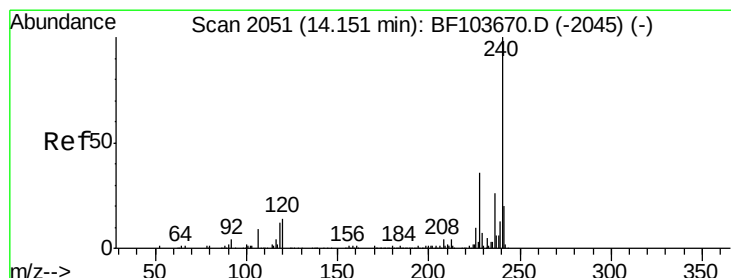
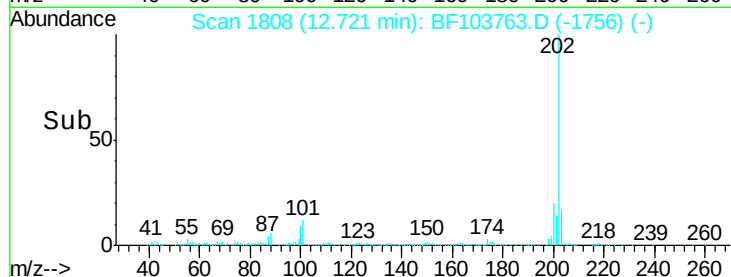
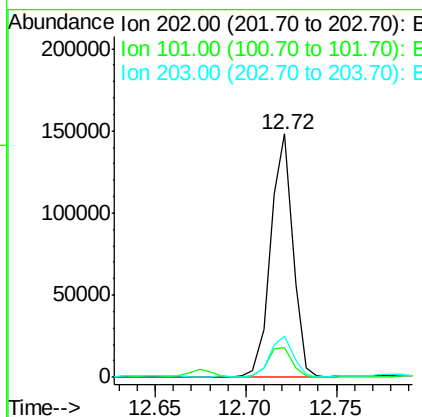
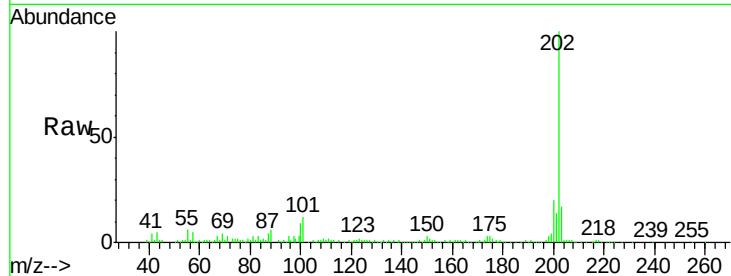
ClientSampleId :

1-4-RO

Tot Ion:	202	Resp:	125764
Ion Ratio		Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

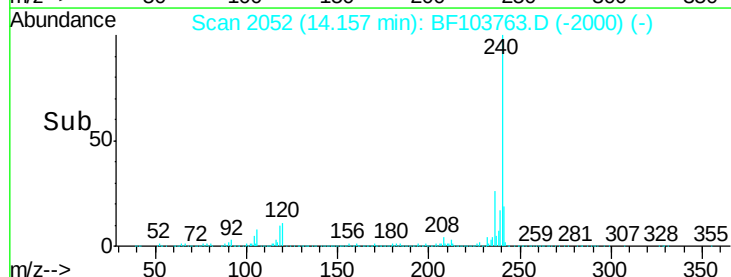
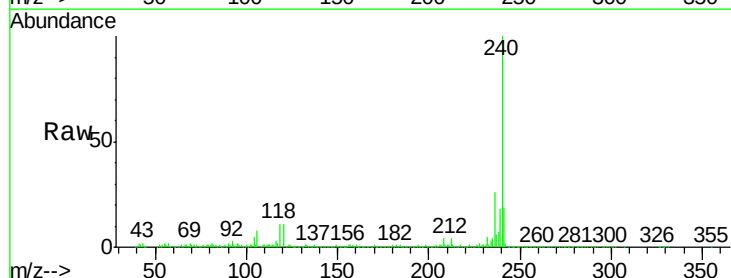
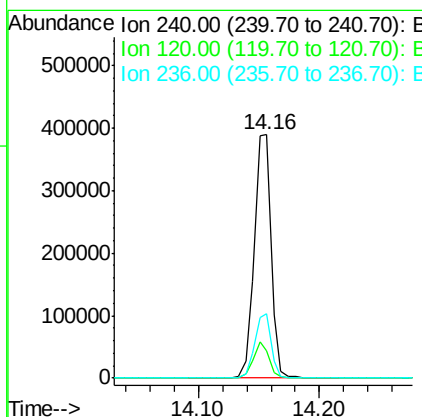
RT: 14.16 min Scan# 2052

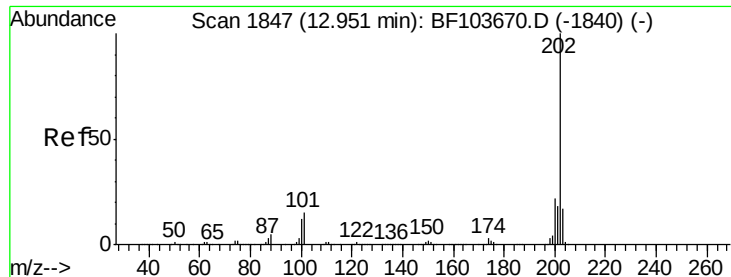
Delta R.T. 0.01 min

Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

Tgt Ion:	240	Resp:	381722
Ion Ratio		Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.4	20.7	31.1





#77

Pvrene

Concen: 3.879 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

Instrument :

BNA_F

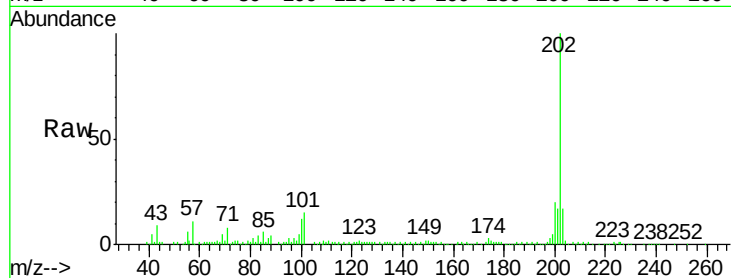
ClientSampled :

1-4-RO

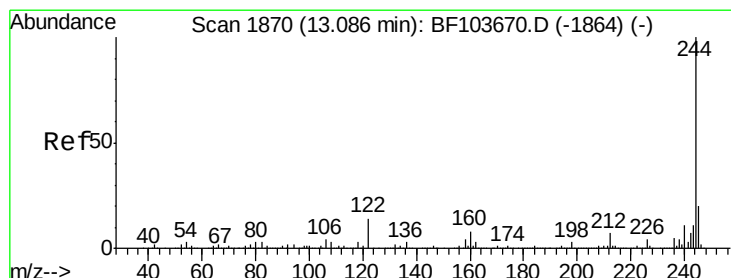
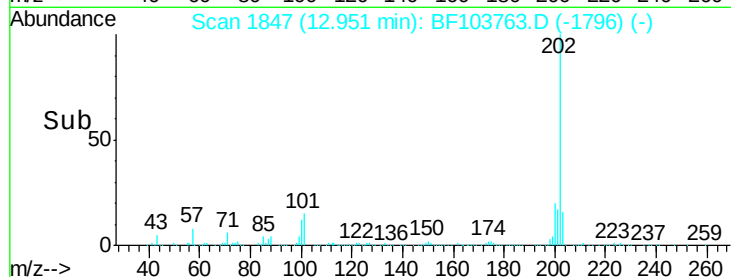
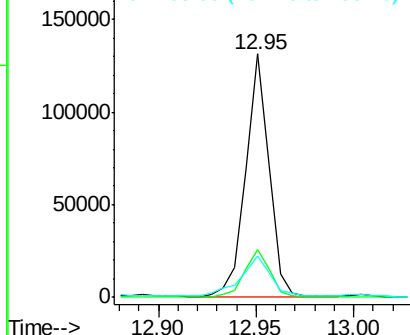
Tot Ion:	202	Resp:	108745
Ion Ratio		Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.1	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.580 ng

RT: 13.09 min Scan# 1871

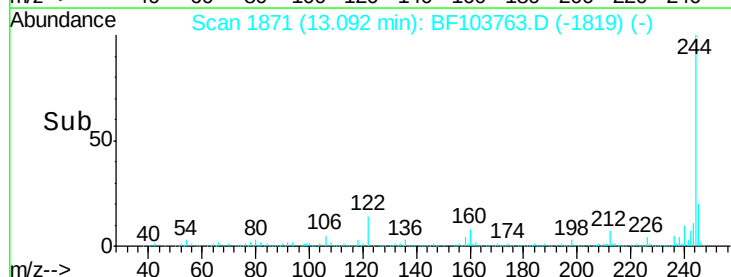
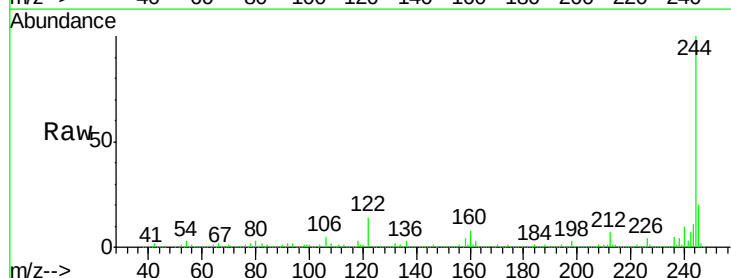
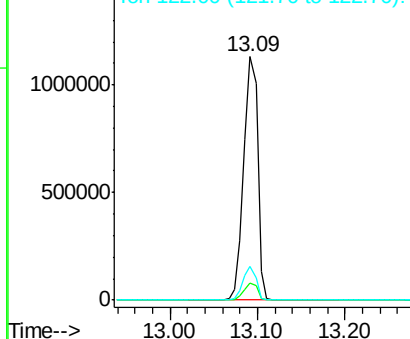
Delta R.T. 0.01 min

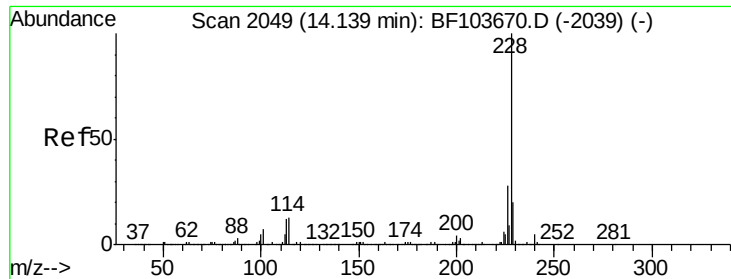
Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

Tgt Ion:	244	Resp:	1193605
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	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





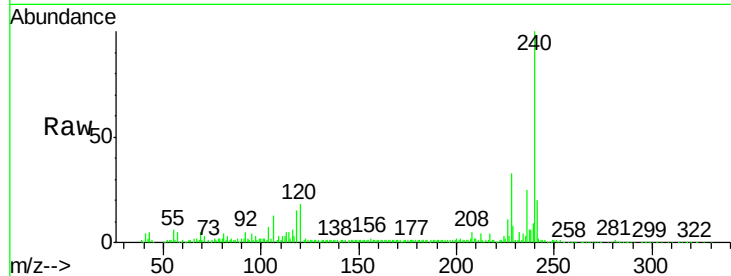
#80
Benzo(a)anthracene
Concen: 2.243 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Instrument :
BNA_F
ClientSampleId :
1-4-RO

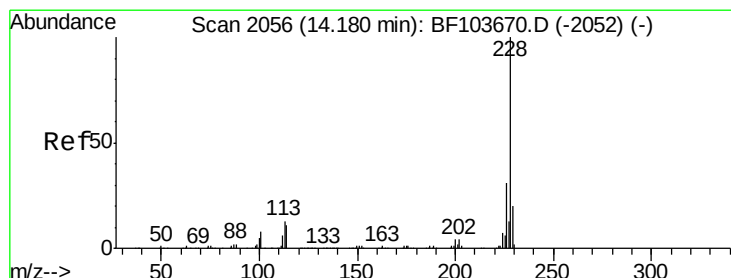
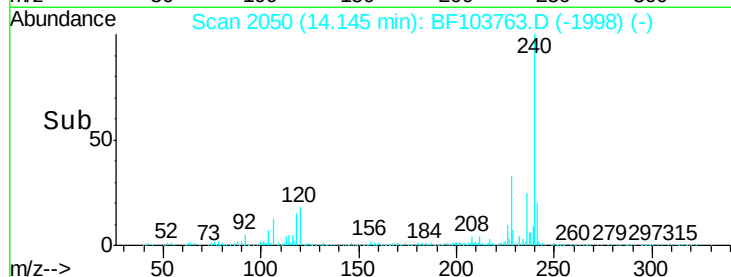
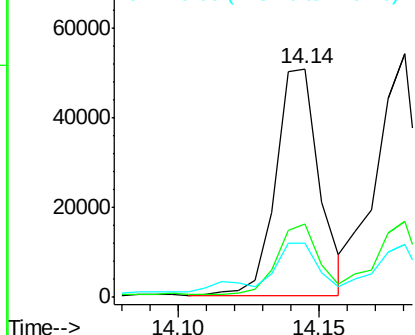
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	23.5	15.8	23.6

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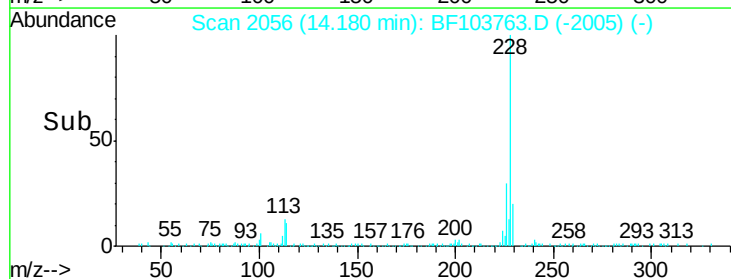
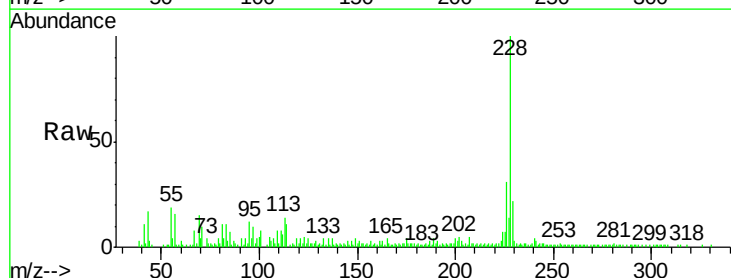
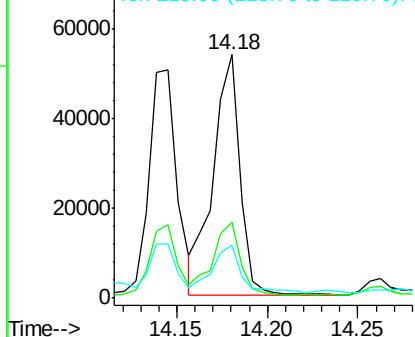
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

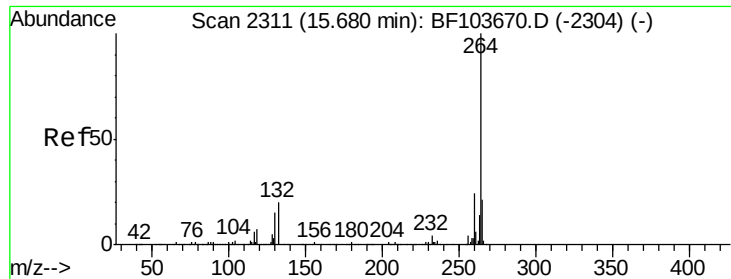


#82
Chrysene
Concen: 2.421 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.6	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





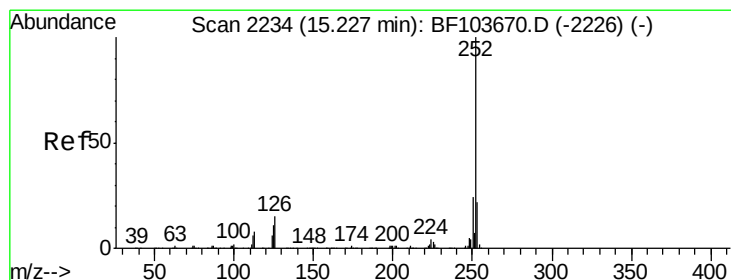
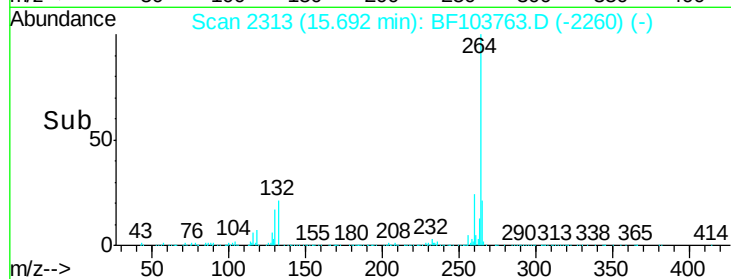
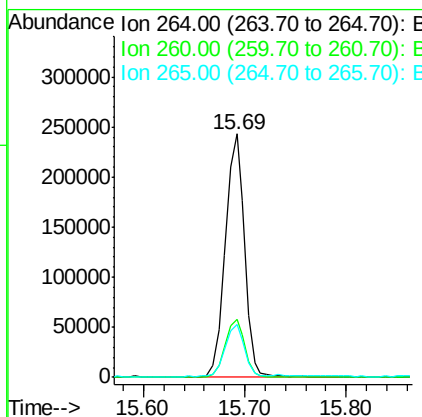
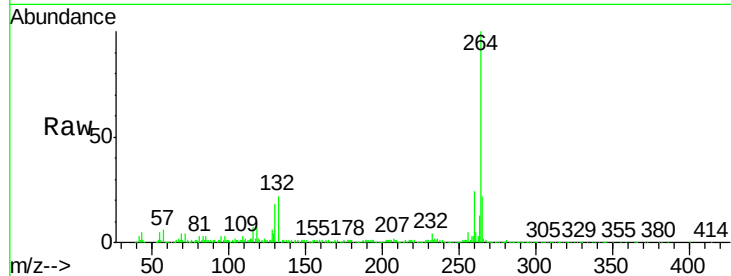
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Instrument :
BNA_F
ClientSampleId :
1-4-RO

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

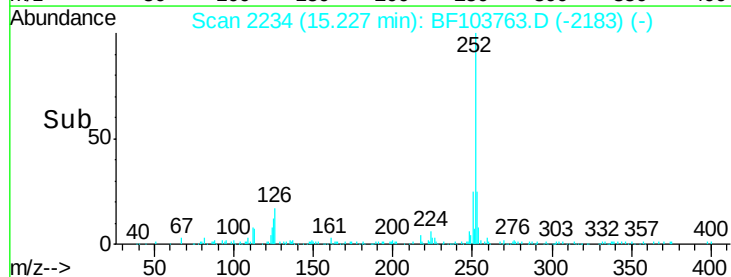
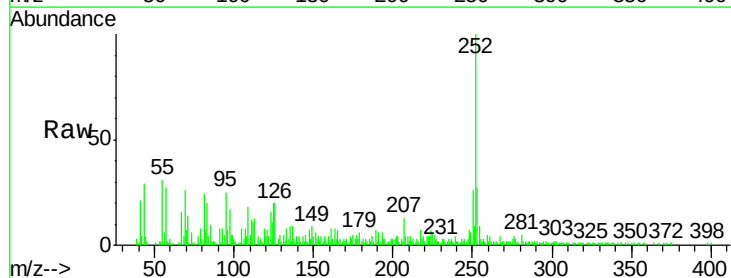
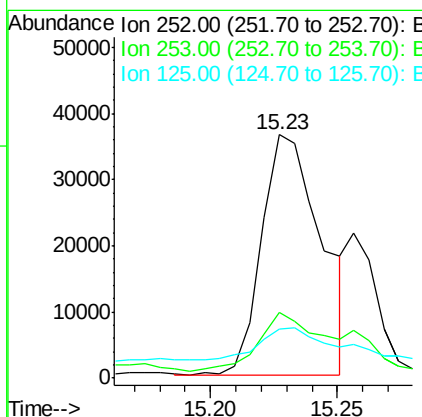
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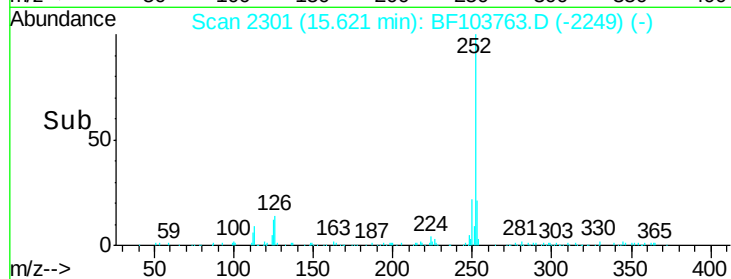
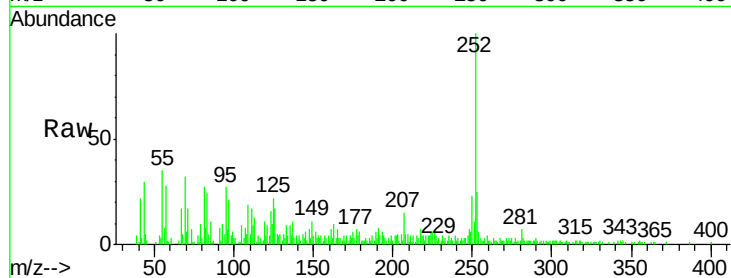
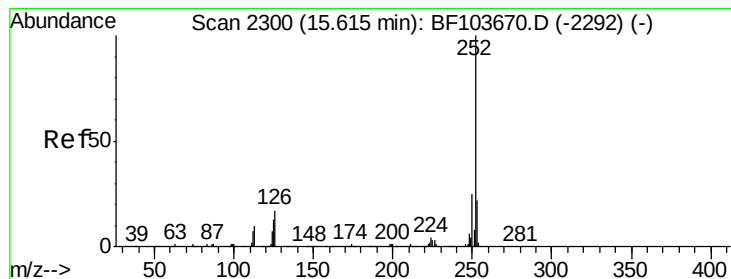
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#87
Benzo(b)fluoranthene
Concen: 2.945 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF103763.D
Acq: 19 Mar 2018 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	20.2	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.130 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BF103763.D

Acq: 19 Mar 2018 18:43

Instrument :

BNA_F

ClientSampleId :

1-4-RO

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	21.8	9.8	14.6

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