

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102411.D
 Acq On : 25 Jan 2018 1:01
 Operator : SJ/JU
 Sample : J1236-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-2

Manual Integrations
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Sohil
 1/25/2018 5:30:44 PM

Quant Time: Jan 25 03:13:31 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128227	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	520077	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	217745	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	332639	20.00	ng	0.00
75) Chrysene-d12	13.87	240	235880	20.00	ng	0.00
86) Perylene-d12	15.30	264	238901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	898994	106.30	ng	0.01
7) Phenol-d6	6.36	99	1092967	107.20	ng	0.00
23) Nitrobenzene-d5	7.28	82	673805	74.45	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	183360	84.99	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1077987	72.79	ng	0.00
78) Terphenyl-d14	12.82	244	734626	70.21	ng	0.00
Target Compounds						
10) Phenol	6.37	94	48122	4.323	ng	95
49) Dimethylphthalate	9.47	163	164377	9.133	ng	99
73) Di-n-butylphthalate	11.80	149	375303	15.556	ng	98
74) Fluoranthene	12.44	202	63121	3.193	ng	97
77) Pyrene	12.67	202	58864	3.228	ng	99
80) Benzo(a)anthracene	13.86	228	33087m	2.278	ng	
82) Chrysene	13.90	228	32559	2.208	ng	96
87) Benzo(b)fluoranthene	14.89	252	44949m	2.903	ng	
89) Benzo(a)pyrene	15.23	252	33209	2.378	ng	# 91

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

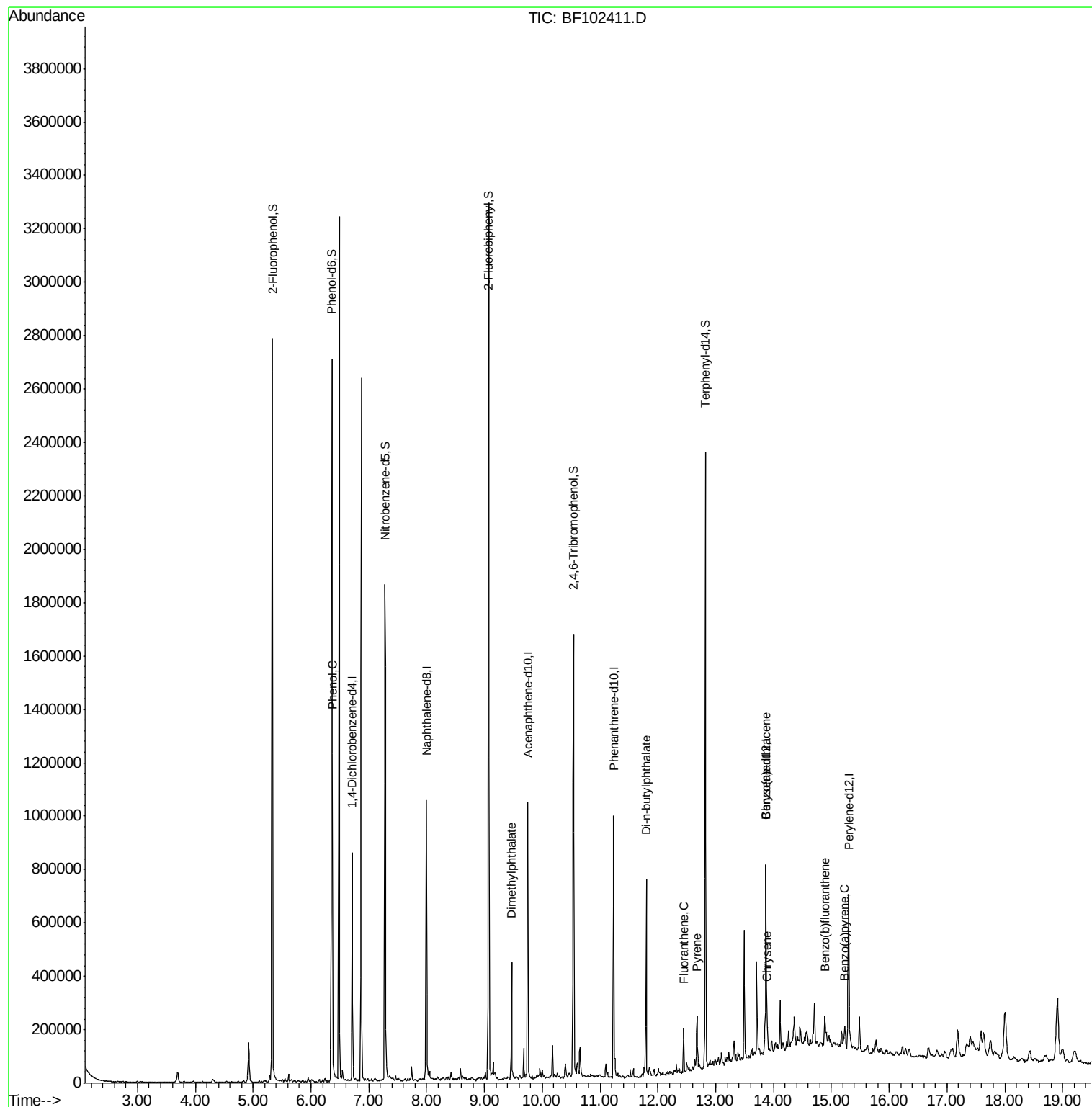
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
Data File : BF102411.D
Acq On : 25 Jan 2018 1:01
Operator : SJ/JU
Sample : J1236-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

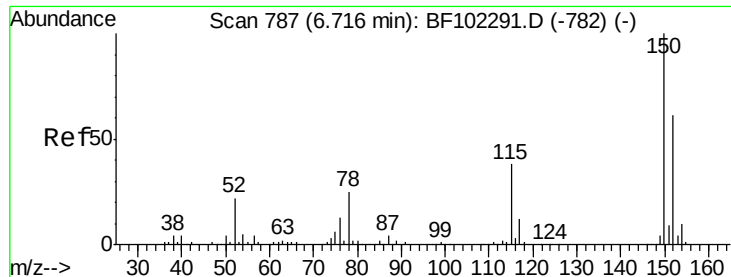
Instrument :
BNA_F
ClientSampleId :
6-2

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

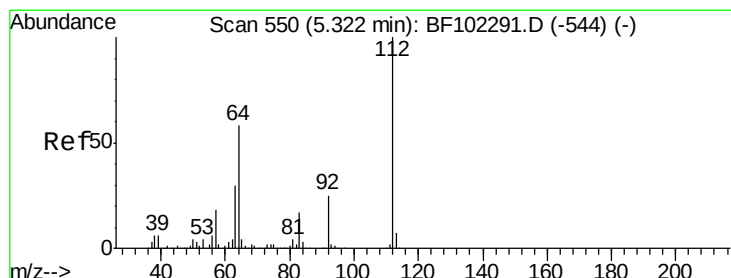
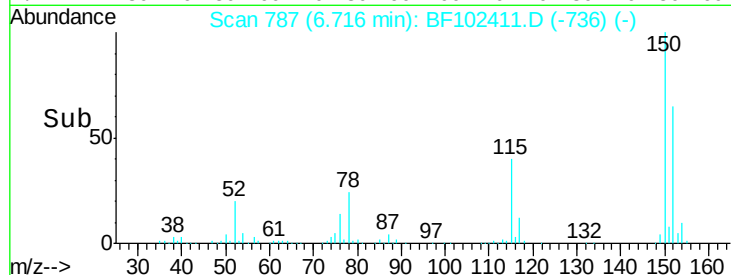
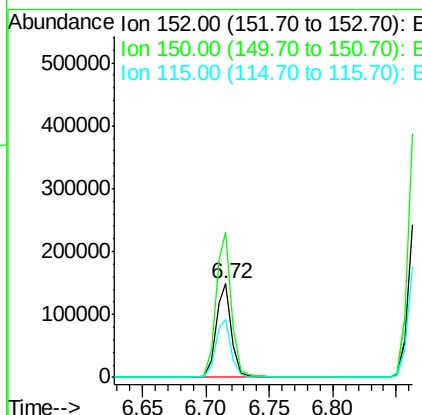
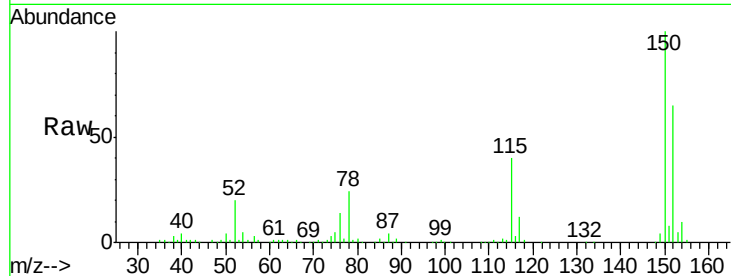
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Instrument :
BNA_F
ClientSampled :
6-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.1	50.1	75.1

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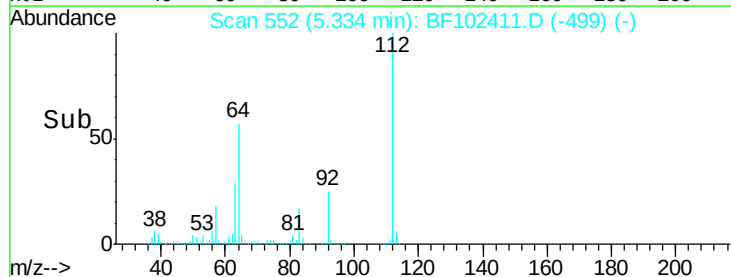
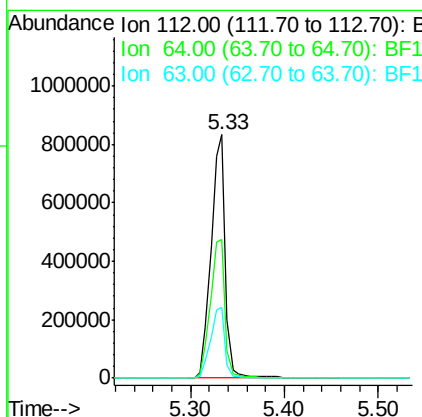
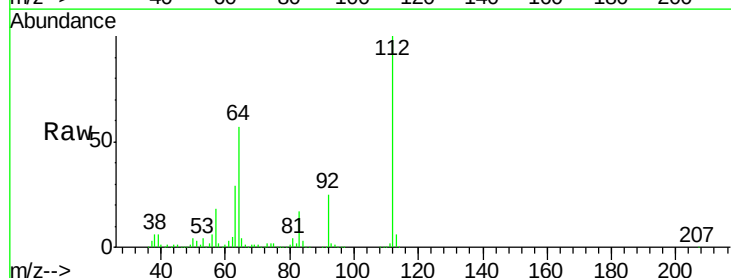
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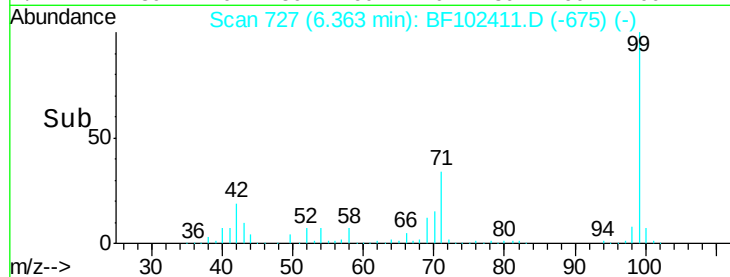
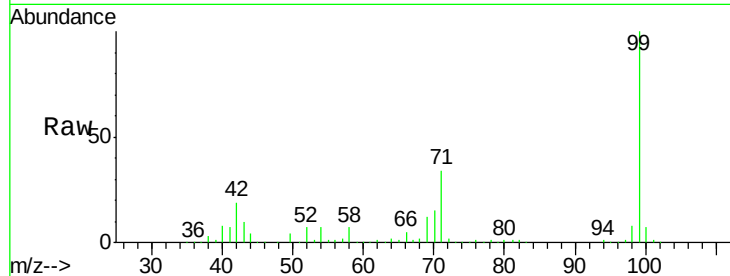
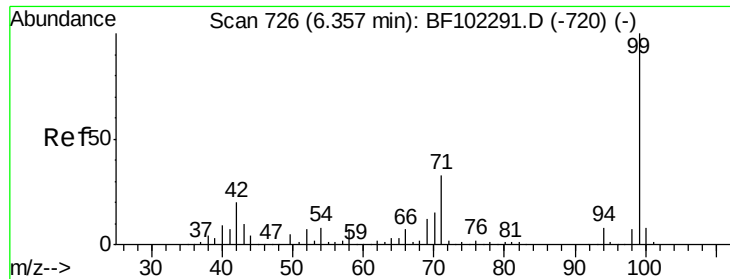


#5

2-Fluorophenol
Concen: 106.304 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 107.202 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102411.D

Acq: 25 Jan 2018 1:01

Tgt Ion:	99	Resp:	1092967
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.5	25.4	38.0

Instrument :

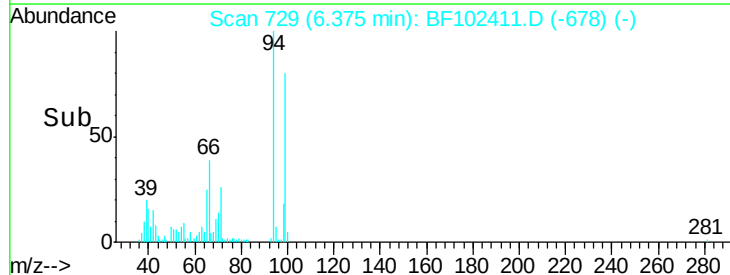
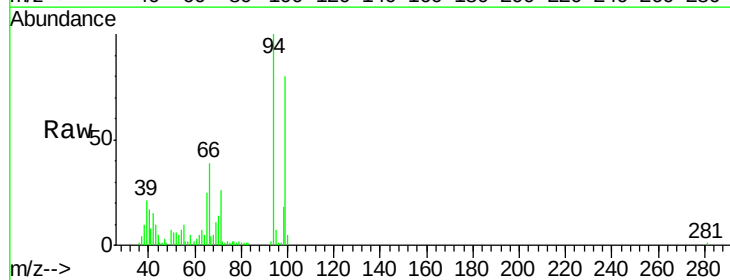
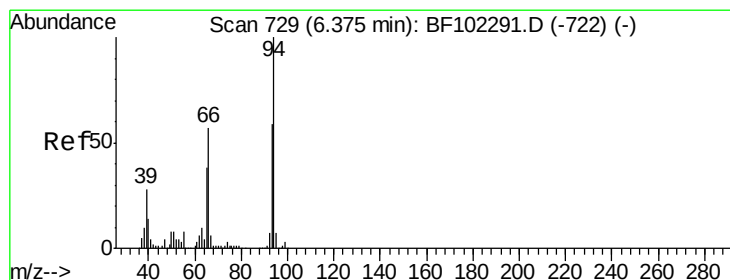
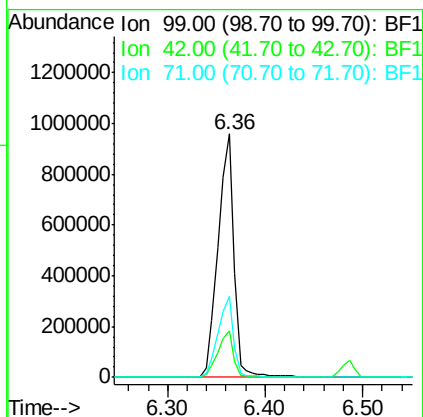
BNA_F

ClientSampleId :

6-2

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#10

Phenol

Concen: 4.323 ng

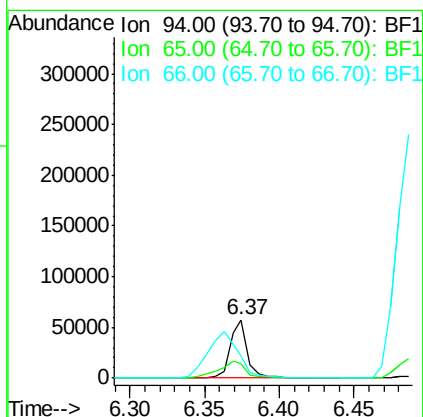
RT: 6.37 min Scan# 729

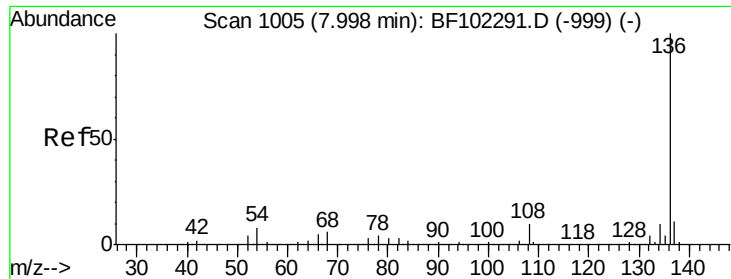
Delta R.T. -0.00 min

Lab File: BF102411.D

Acq: 25 Jan 2018 1:01

Tgt Ion:	94	Resp:	48122
Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.9	47.9
66	38.7	16.2	56.2





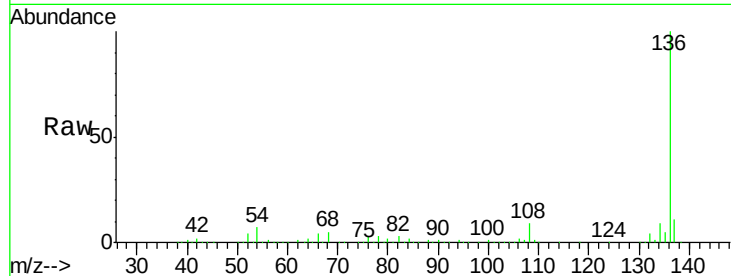
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Instrument :
BNA_F
ClientSampleId :
6-2

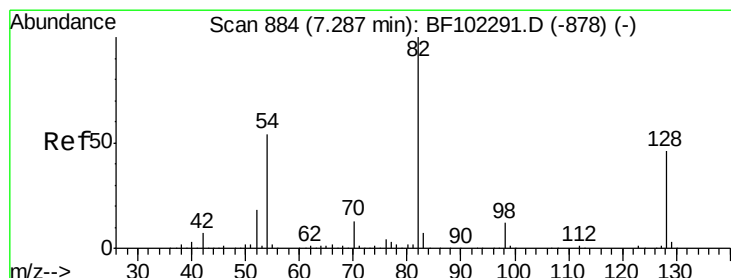
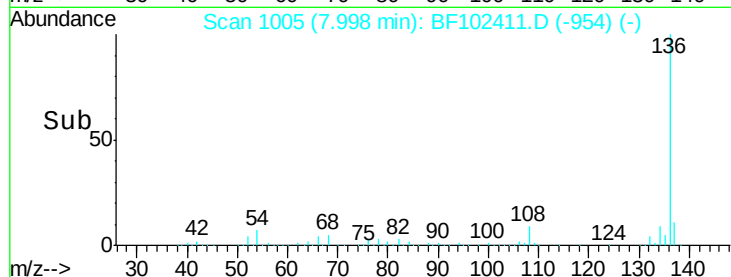
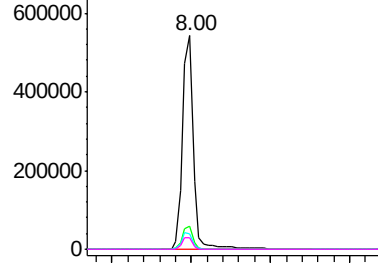
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		520077		
137	10.9	8.9	13.3		
54	7.4	6.6	9.8		
68	5.2	5.0	7.4		

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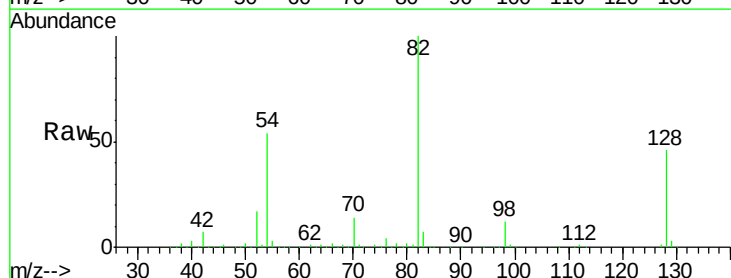


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

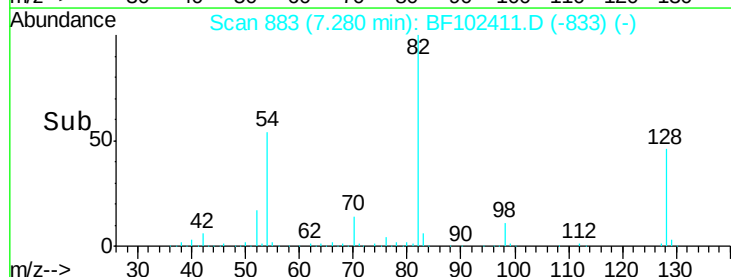
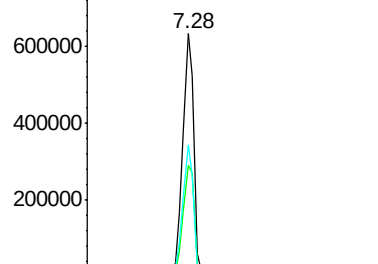


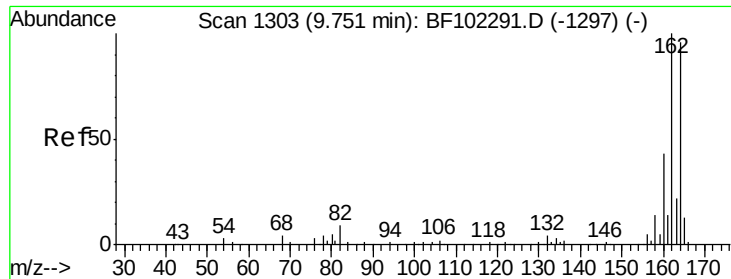
#23
Nitrobenzene-d5
Concen: 74.453 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		673805		
128	46.0	36.1	54.1		
54	54.3	41.4	62.2		



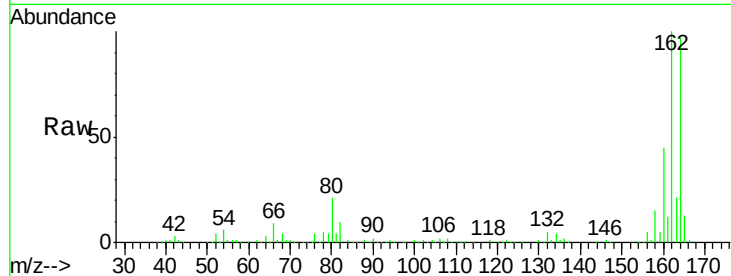
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102411.D
 Acq: 25 Jan 2018 1:01

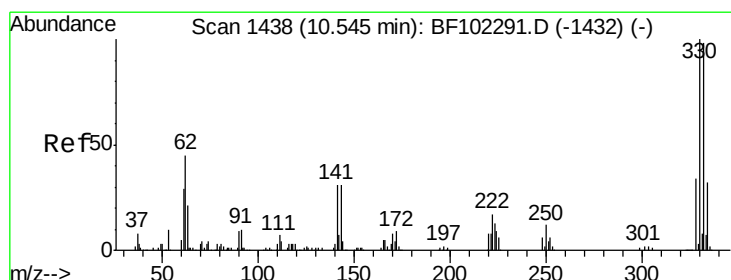
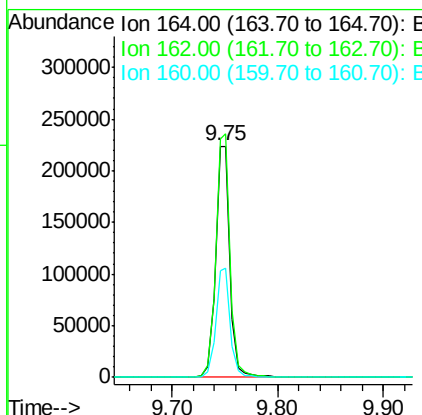
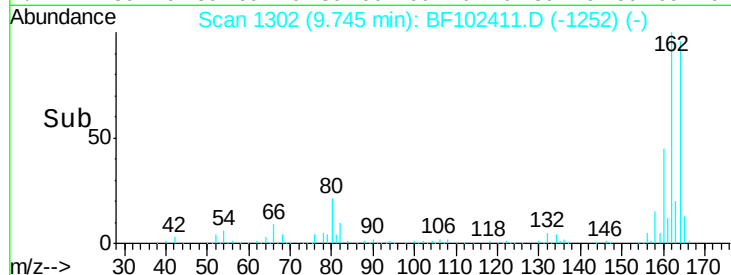
Instrument :
 BNA_F
 ClientSampleId :
 6-2



Tgt Ion:164 Resp: 217745
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.2 38.3 57.5

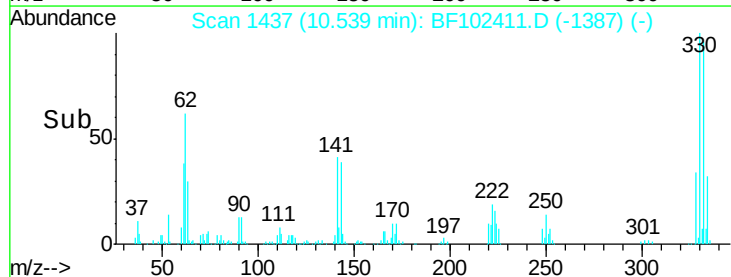
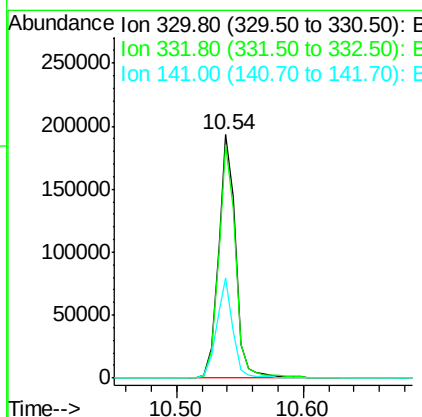
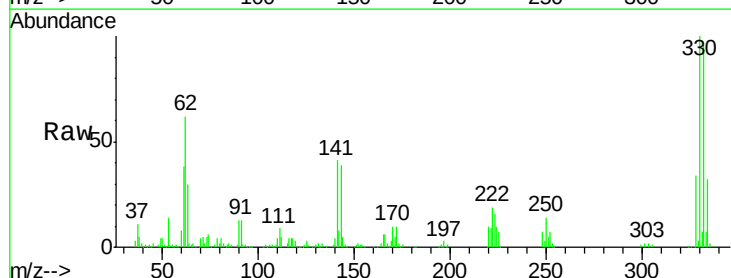
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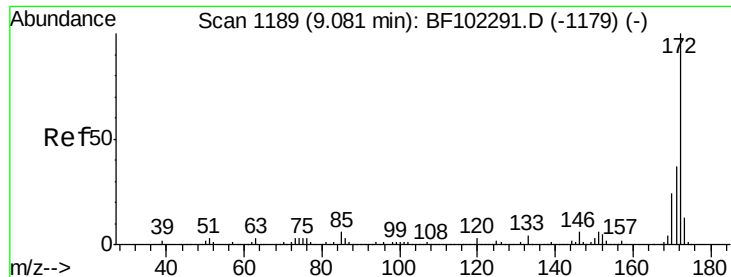
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#41
 2,4,6-Tribromophenol
 Concen: 84.986 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102411.D
 Acq: 25 Jan 2018 1:01

Tgt Ion:330 Resp: 183360
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 39.6 29.9 44.9





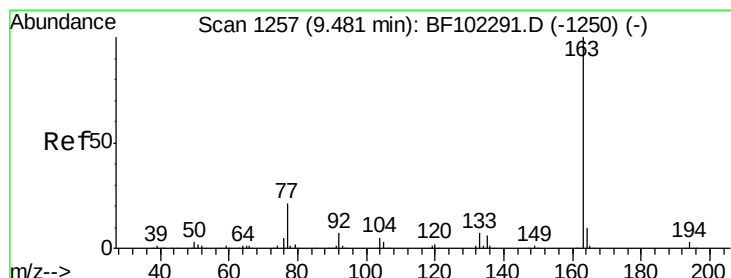
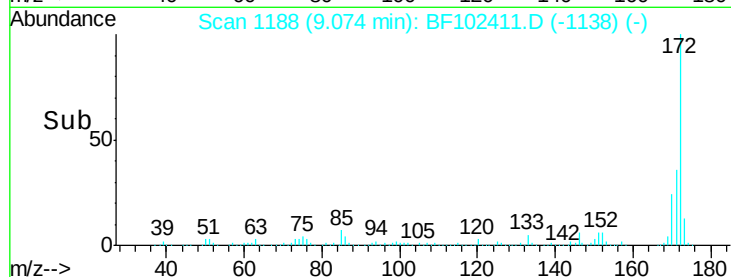
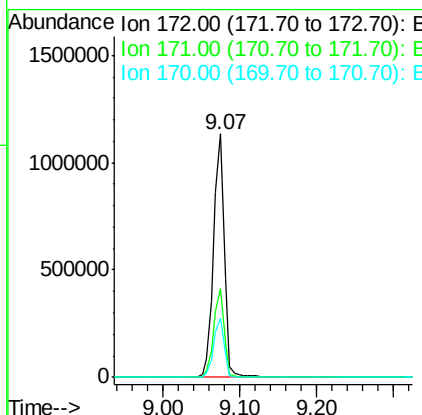
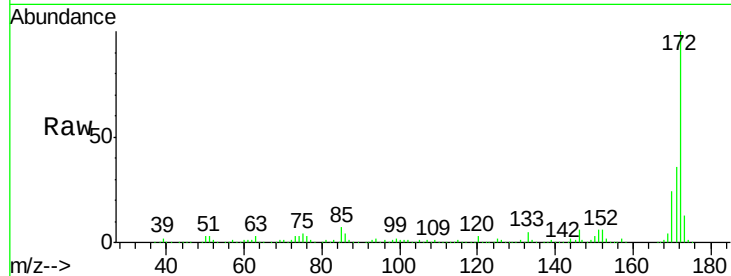
#44
 2-Fluorobiphenyl
 Concen: 72.793 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102411.D
 Acq: 25 Jan 2018 1:01

Instrument :
 BNA_F
 ClientSampled :
 6-2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

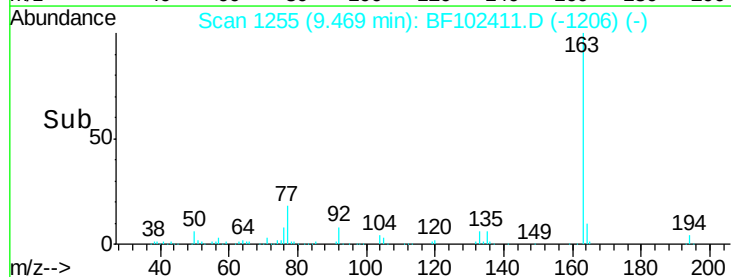
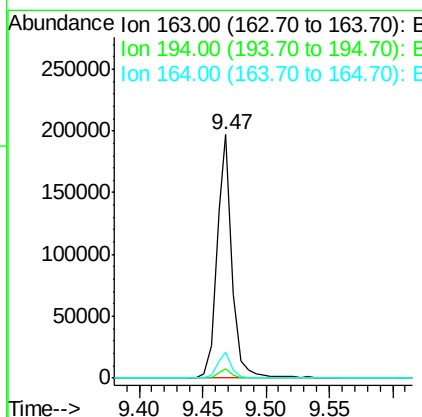
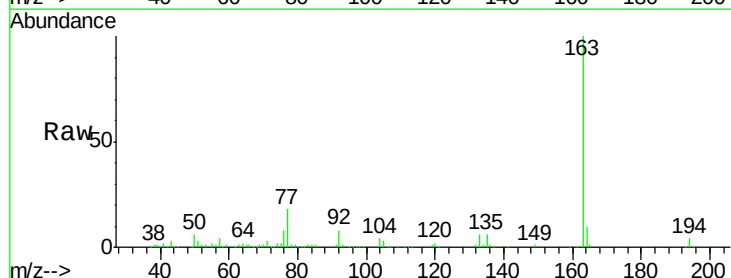
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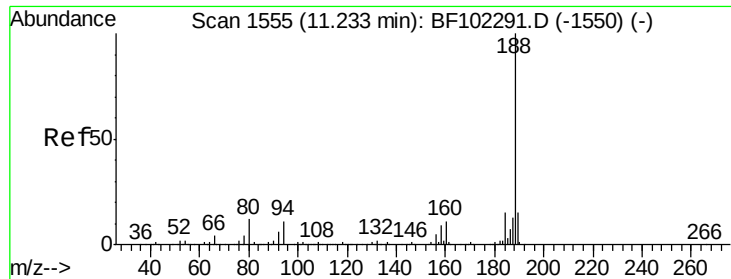
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#49
 Dimethylphthalate
 Concen: 9.133 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102411.D
 Acq: 25 Jan 2018 1:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2





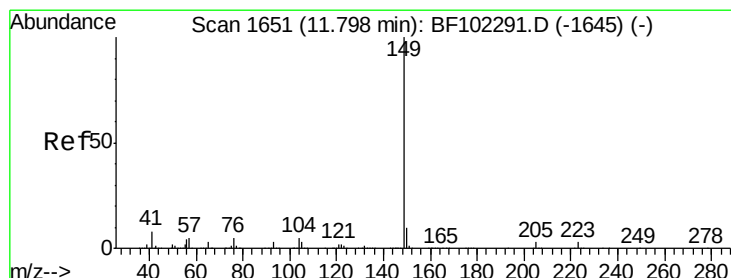
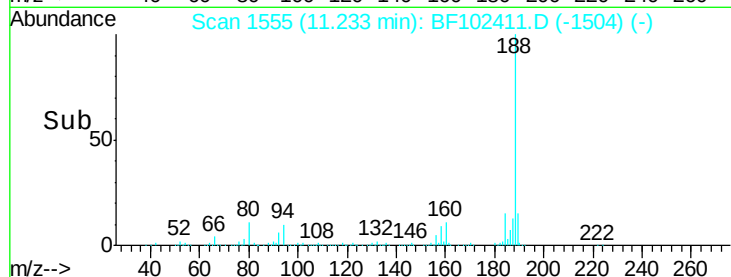
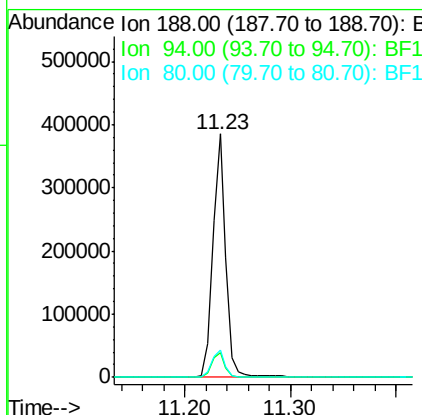
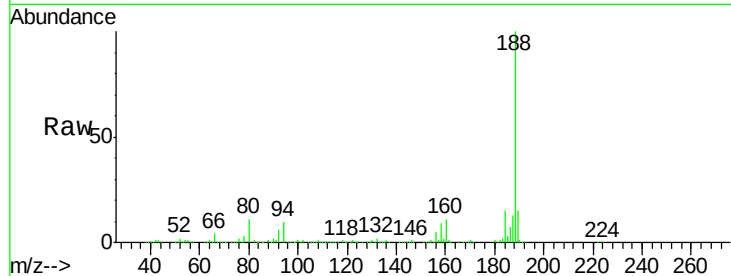
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Instrument :
BNA_F
ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	332639		
94	10.1		8.5	12.7
80	11.1		9.2	13.8

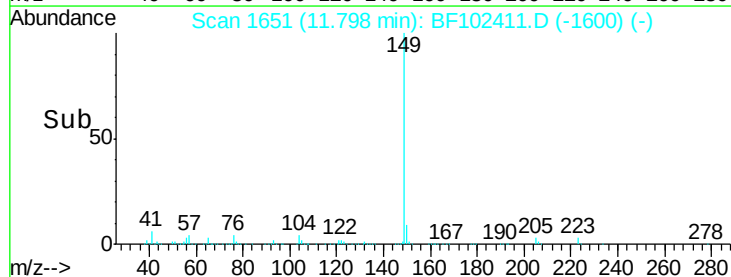
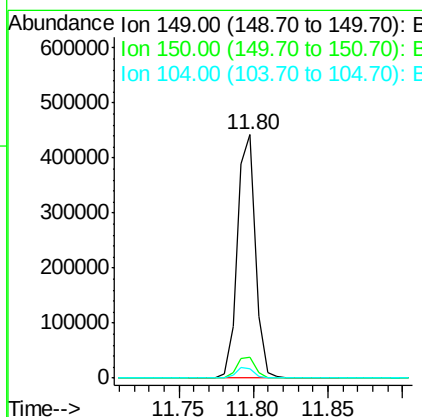
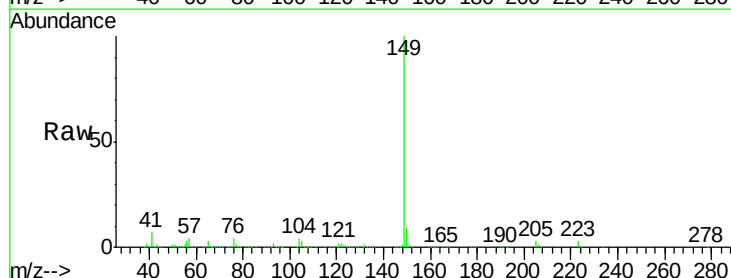
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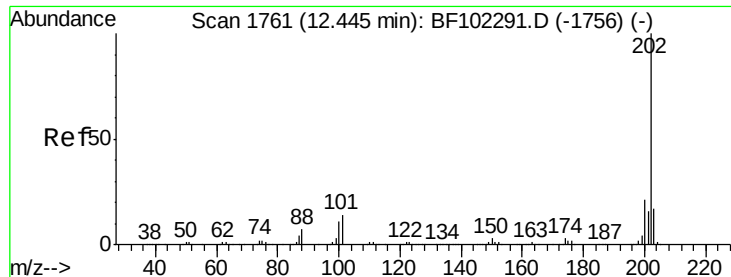
Sohil
1/25/2018 5:30:44 PM



#73
Di-n-butylphthalate
Concen: 15.556 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	375303		
150	8.8		7.8	11.6
104	4.1		3.8	5.8





#74

Fluoranthene

Concen: 3.193 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102411.D

Acq: 25 Jan 2018 1:01

Instrument :

BNA_F

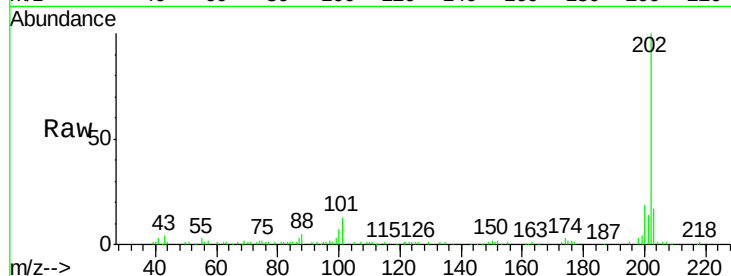
ClientSampled :

6-2

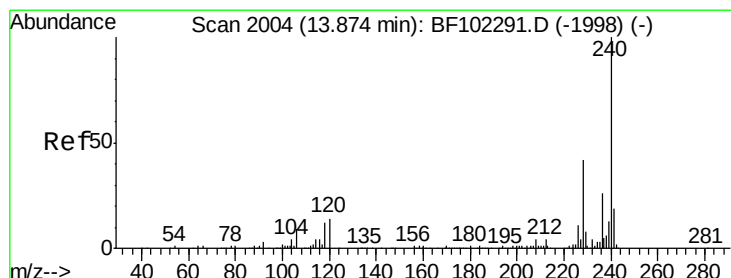
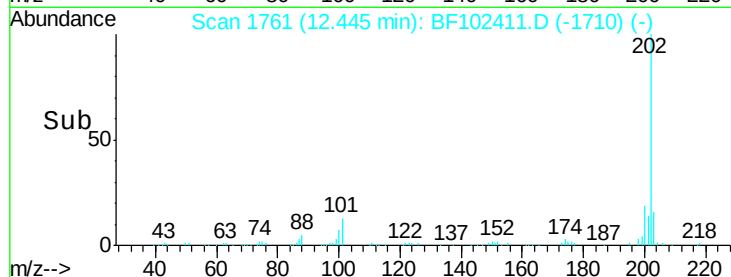
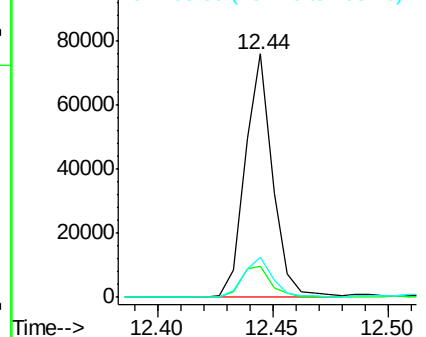
Tgt Ion:	202	Resp:	63121
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	16.5	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

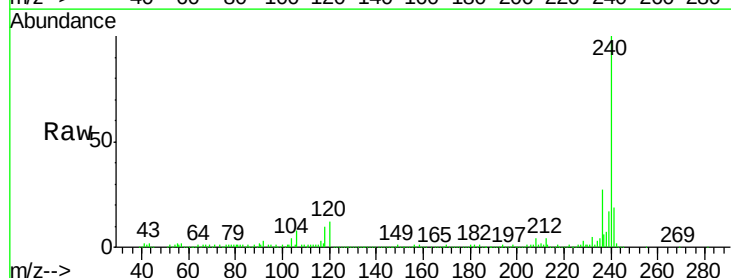
RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

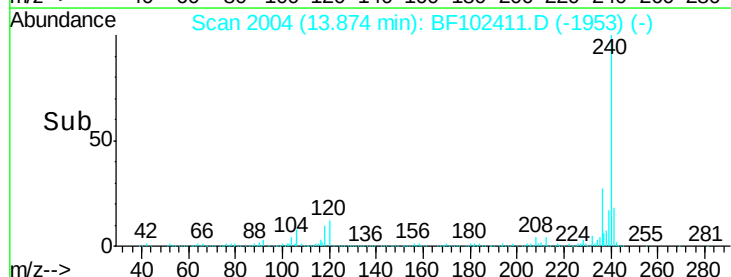
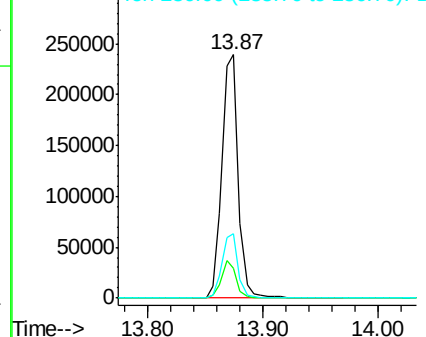
Lab File: BF102411.D

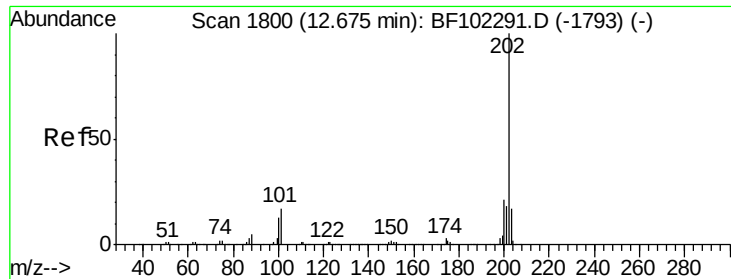
Acq: 25 Jan 2018 1:01

Tgt Ion:	240	Resp:	235880
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	26.6	20.7	31.1



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





#77

Pyrene

Concen: 3.228 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102411.D

Acq: 25 Jan 2018 1:01

Instrument :

BNA_F

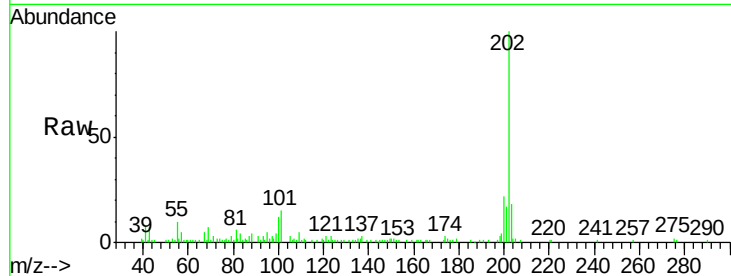
ClientSampleId :

6-2

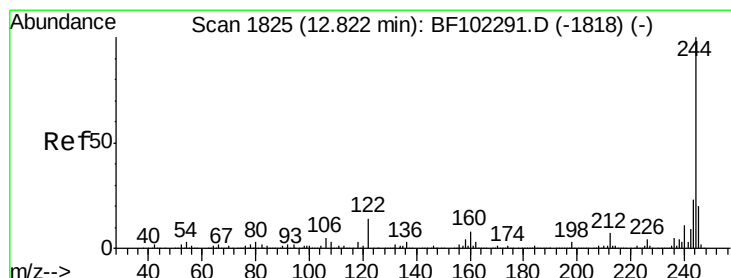
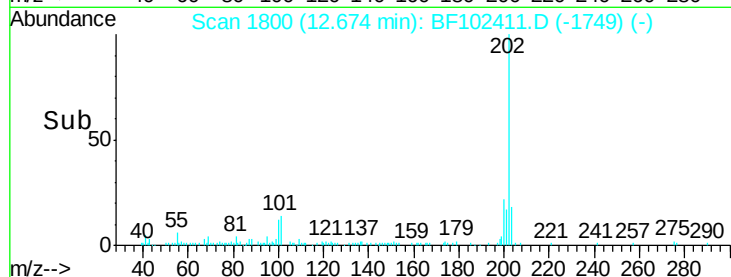
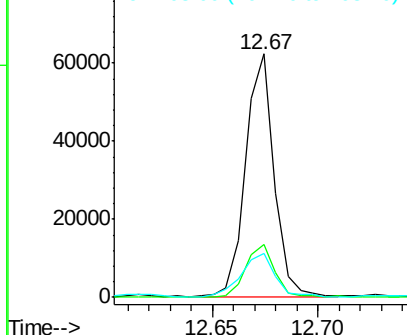
Tgt Ion:	202	Resp:	58864
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5

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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: 70.210 ng

RT: 12.82 min Scan# 1825

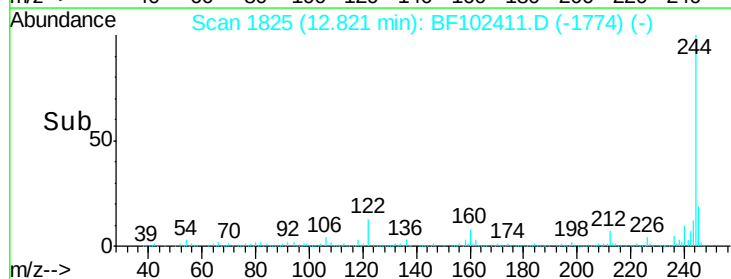
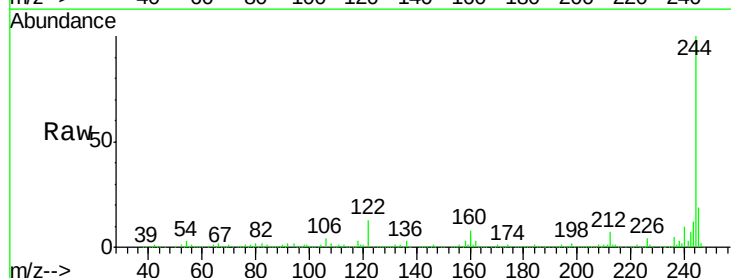
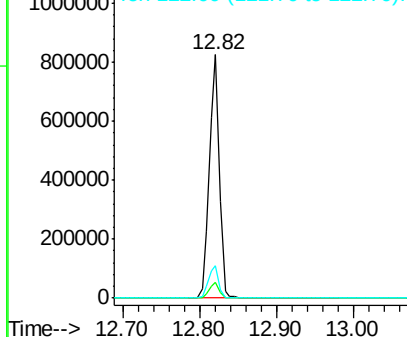
Delta R.T. -0.00 min

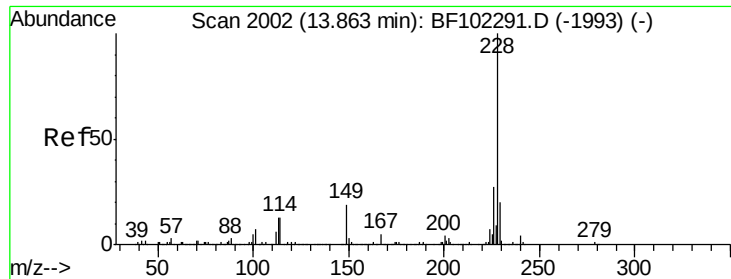
Lab File: BF102411.D

Acq: 25 Jan 2018 1:01

Tgt Ion:	244	Resp:	734626
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.1	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





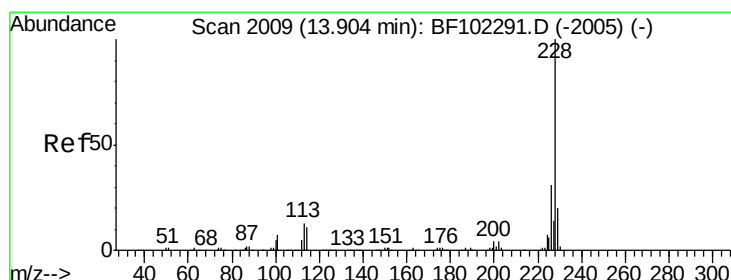
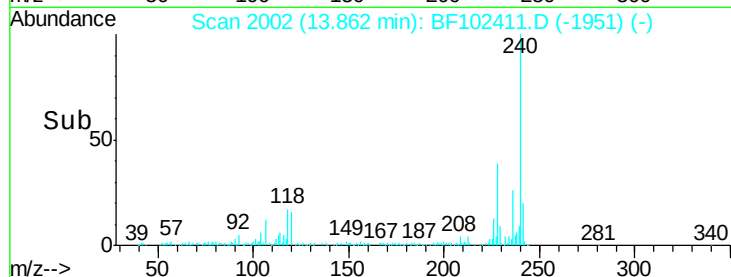
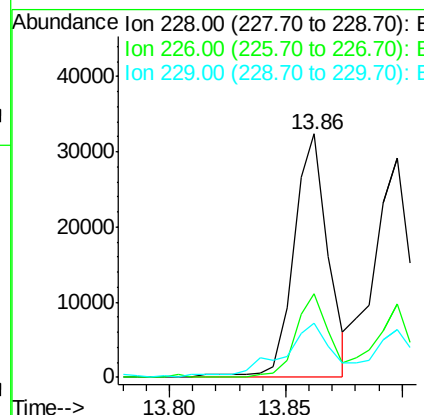
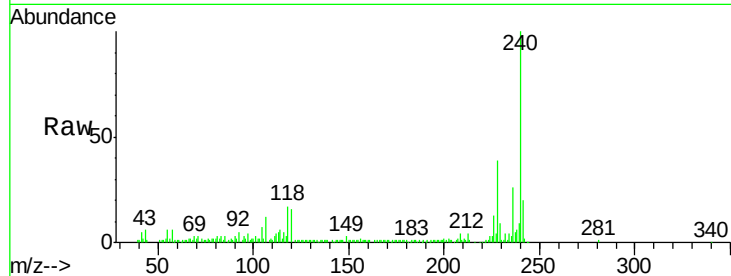
#80
Benzo(a)anthracene
Concen: 2.278 ng m
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Instrument :
BNA_F
ClientSampleId :
6-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.6	33.8#
229	22.2	15.8	23.6

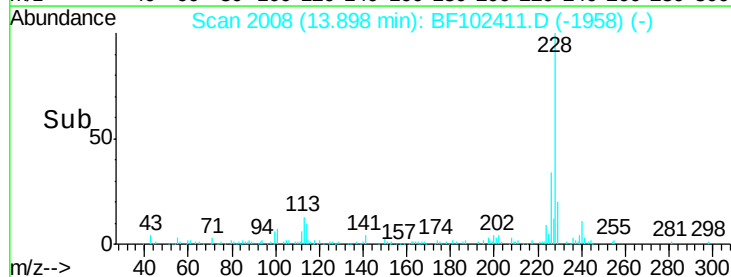
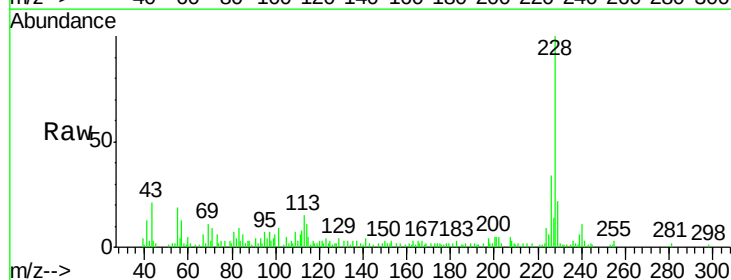
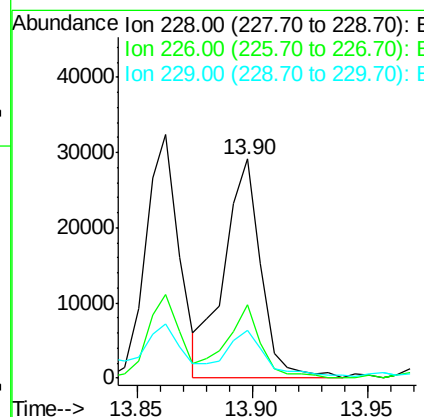
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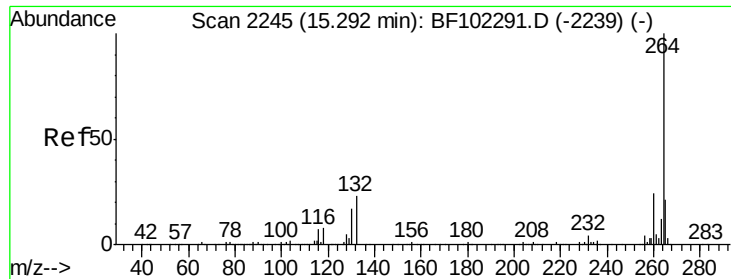
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#82
Chrysene
Concen: 2.208 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102411.D
Acq: 25 Jan 2018 1:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.6
229	21.6	16.2	24.4





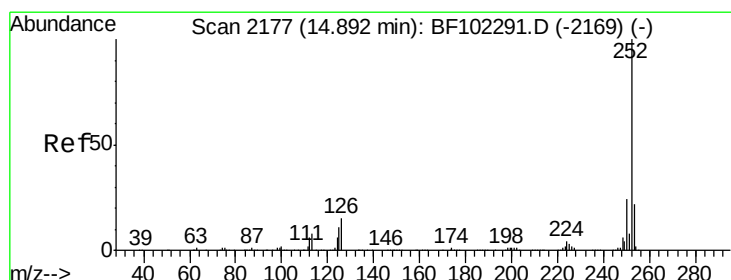
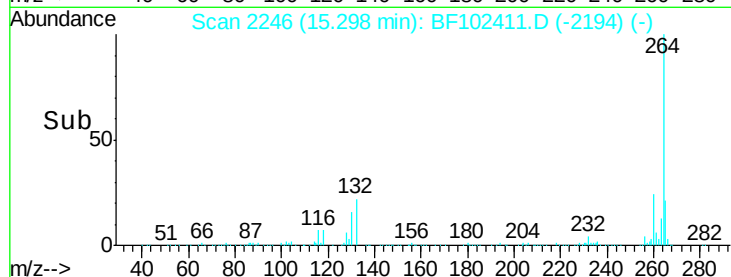
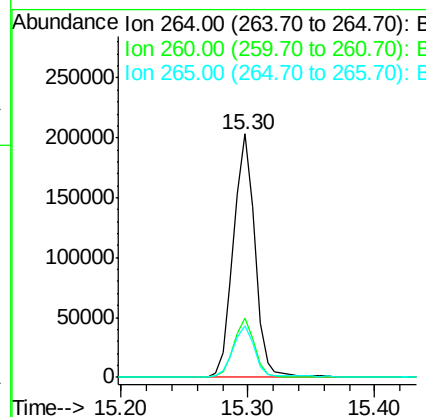
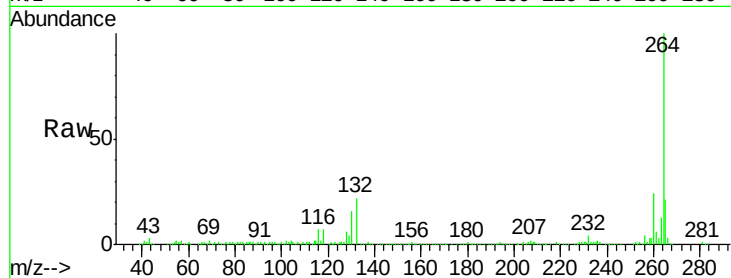
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102411.D
 Acq: 25 Jan 2018 1:01

Instrument :
 BNA_F
 ClientSampled :
 6-2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	238901		
260	24.4	19.2	28.8	
265	21.0	17.5	26.3	

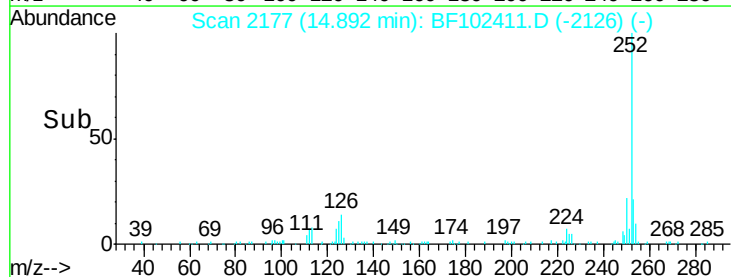
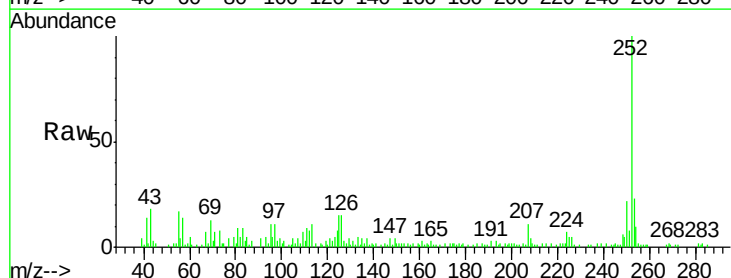
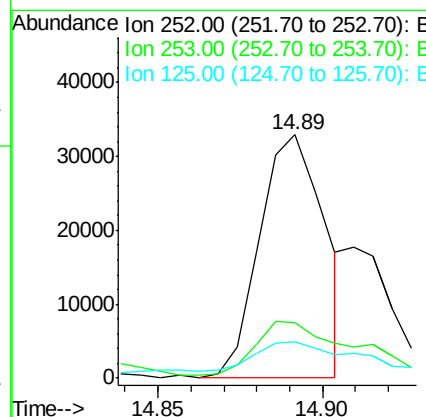
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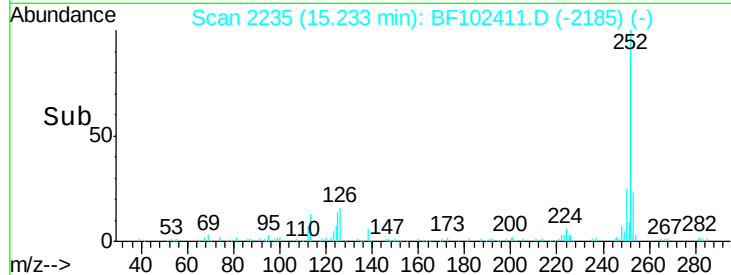
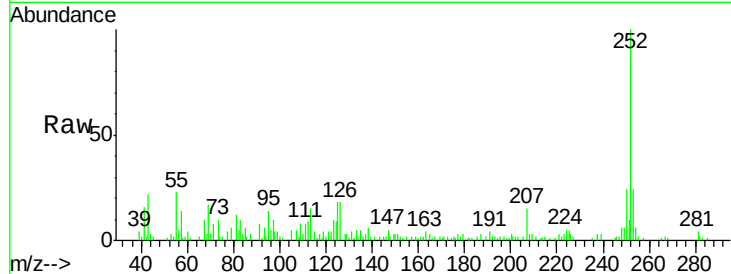
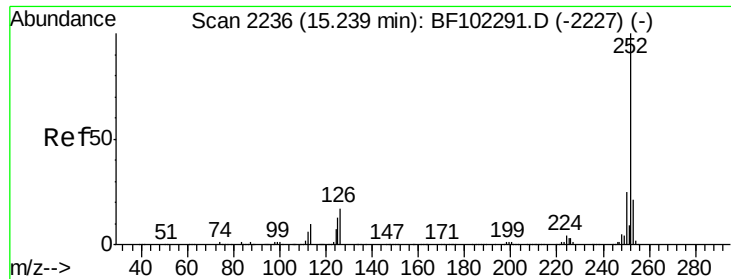
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#87
 Benzo(b)fluoranthene
 Concen: 2.903 ng m
 RT: 14.89 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BF102411.D
 Acq: 25 Jan 2018 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	44949		
253	22.6	17.0	25.6	
125	15.0	9.0	13.6#	





#89

Benzo(a)pyrene

Concen: 2.378 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF102411.D

Acq: 25 Jan 2018 1:01

Instrument :

BNA_F

ClientSampleId :

6-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	17.9	9.8	14.6

Manual Integrations
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