

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102618\
 Data File : BF110219.D
 Acq On : 26 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5515-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-1A

Manual Integrations
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Sohil
 11/6/2018 1:22:36 PM

Quant Time: Nov 20 04:54:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	73763	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	219335	20.00	ng	0.00
39) Acenaphthene-d10	10.12	164	41212m	20.00	ng	0.09
64) Phenanthrene-d10	11.61	188	71228m	20.00	ng	0.09
76) Chrysene-d12	14.17	240	193087	20.00	ng	0.01
87) Perylene-d12	15.69	264	144661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	576426	127.26	ng	-0.02
7) Phenol-d6	6.59	99	695617	120.06	ng	-0.01
23) Nitrobenzene-d5	7.54	82	316997	85.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.91	330	53943	132.14	ng	0.09
45) 2-Fluorobiphenyl	9.40	172	231520	88.21	ng	0.06
79) Terphenyl-d14	13.14	244	405804	43.71	ng	0.04
Target Compounds						
10) Phenol	6.60	94	46034	7.433	ng	Qvalue # 71
37) 2-Methylnaphthalene	9.06	142	3245038	485.176	ng	# 95
38) 1-Methylnaphthalene	9.16	142	2441256m	377.703	ng	
58) Fluorene	10.67	166	386074m	141.845	ng	
71) Phenanthrene	11.64	178	1295649m	347.640	ng	
78) Pyrene	13.03	202	319588m	23.087	ng	
83) Chrysene	14.20	228	56000	5.149	ng	# 70
84) Bis(2-ethylhexyl)phthalate	14.12	149	49698	6.119	ng	# 83
88) Benzo(b)fluoranthene	15.24	252	29623m	3.546	ng	

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

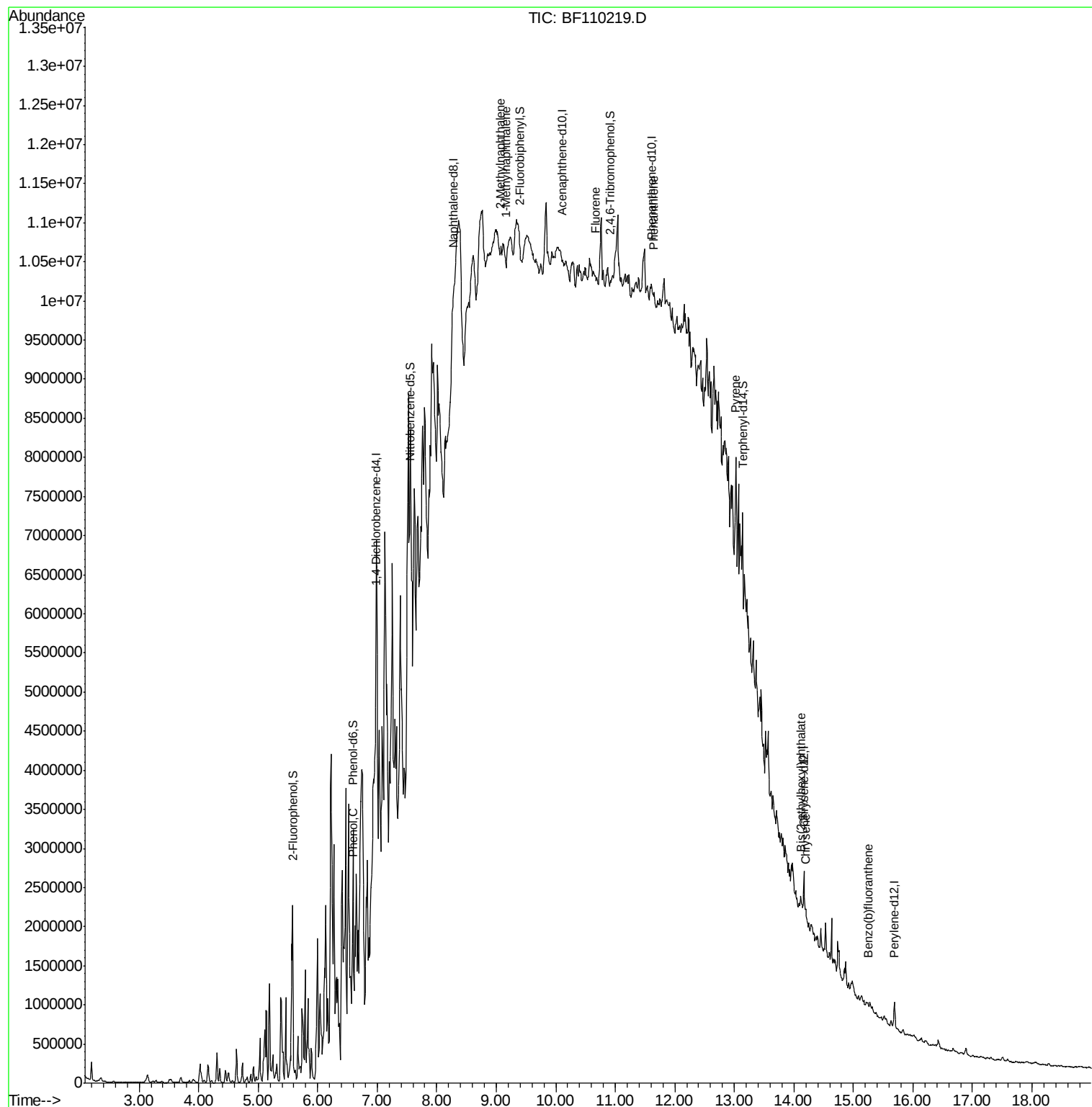
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102618\
Data File : BF110219.D
Acq On : 26 Oct 2018 19:37
Operator : JU/SJ
Sample : J5515-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

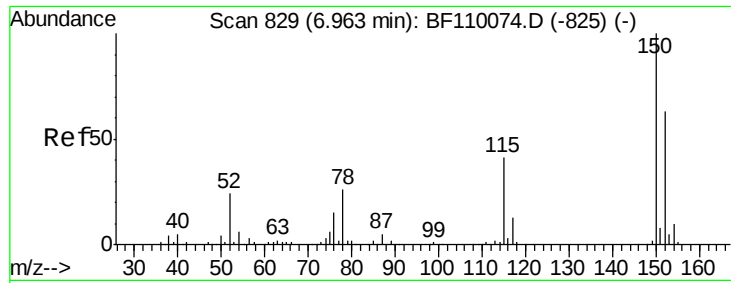
Instrument :
BNA_F
ClientSampled :
NON-UST-1A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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#1

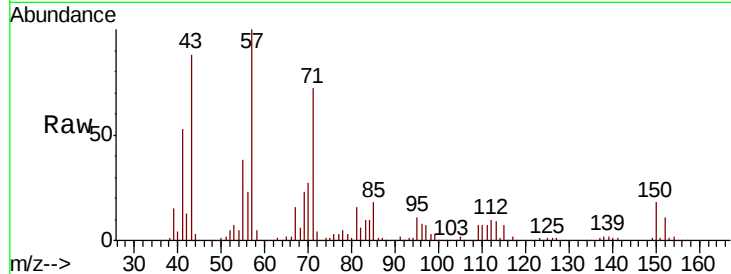
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
NON-UST-1A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	63.8	49.1	73.7

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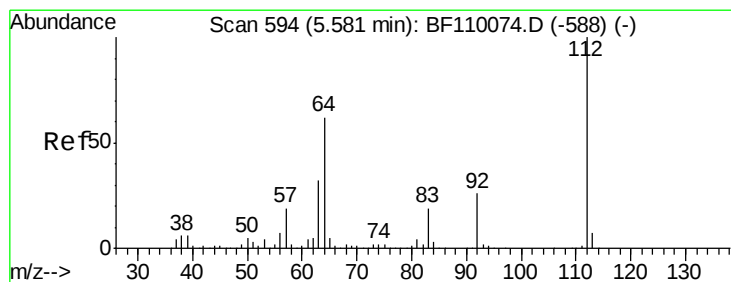
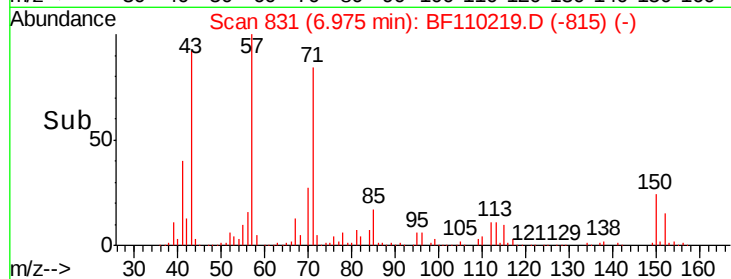
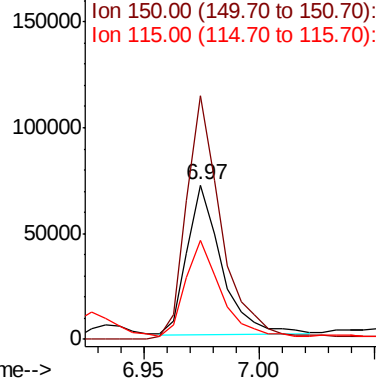


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

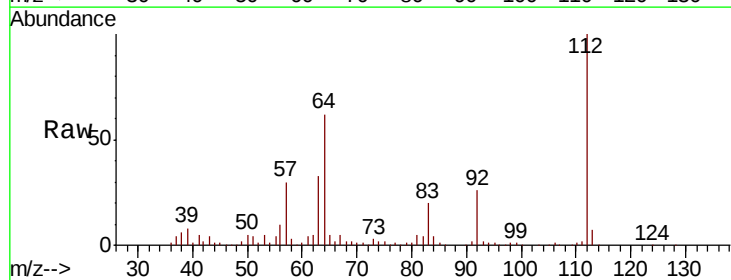
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.256 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	33.3	23.7	35.5

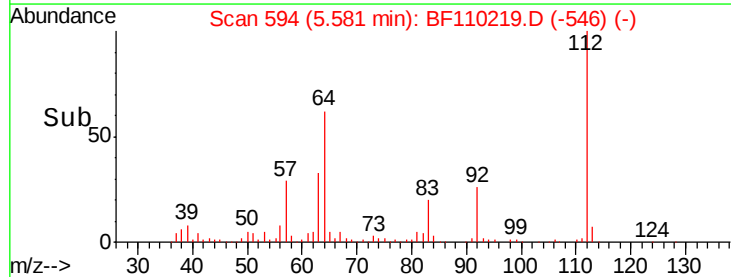
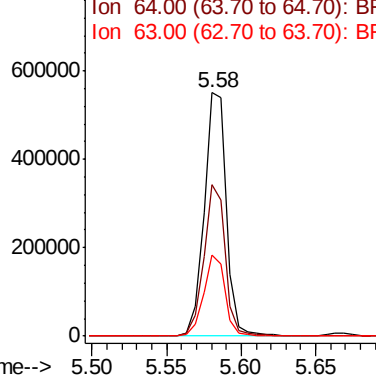


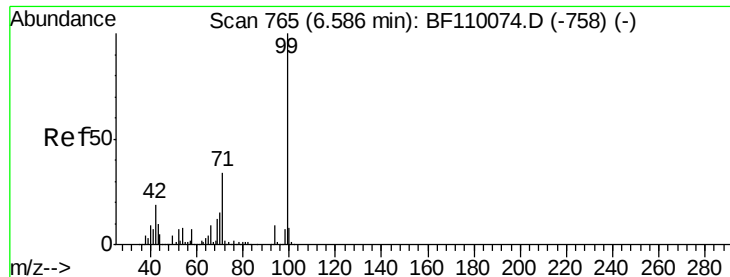
Abundance

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: 120.063 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110219.D

Acq: 26 Oct 2018 19:37

Instrument :

BNA_F

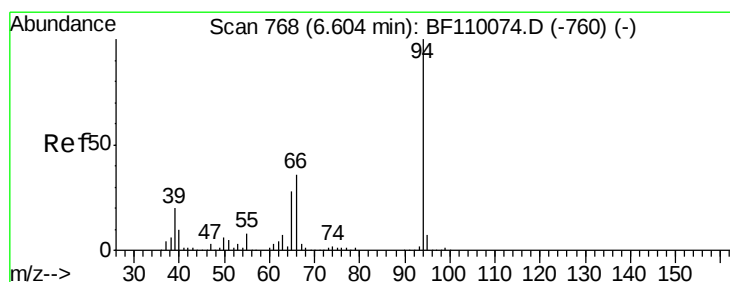
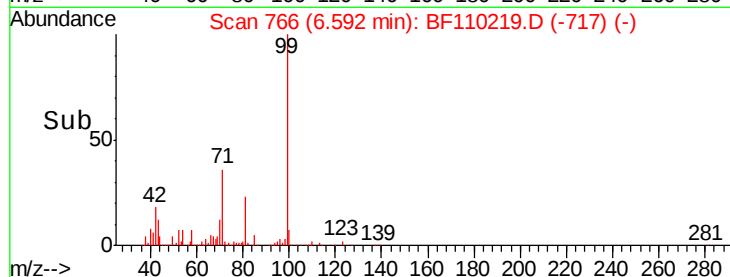
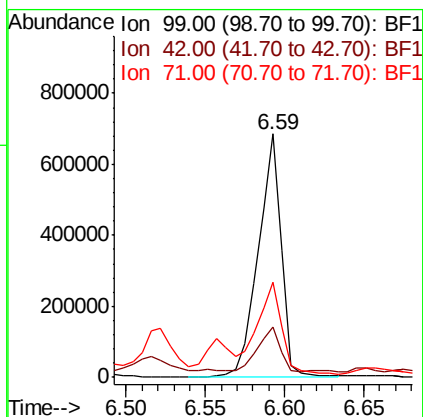
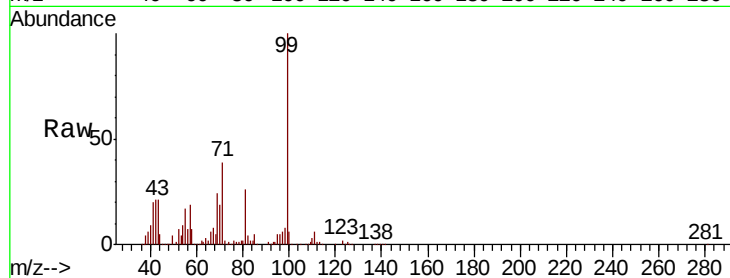
ClientSampleId :

NON-UST-1A

Tgt Ion:	99	Resp:	695617
Ion Ratio	Lower	Upper	
99	100		
42	20.9	15.8	23.6
71	38.9	28.0	42.0

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#10

Phenol

Concen: 7.433 ng

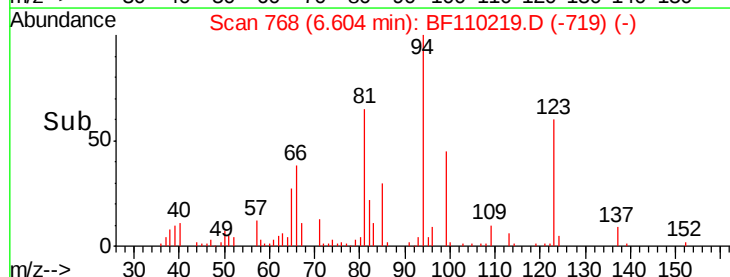
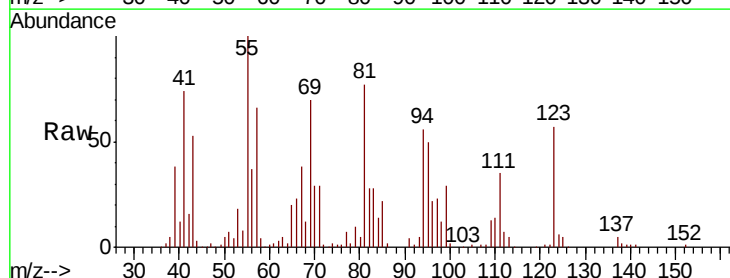
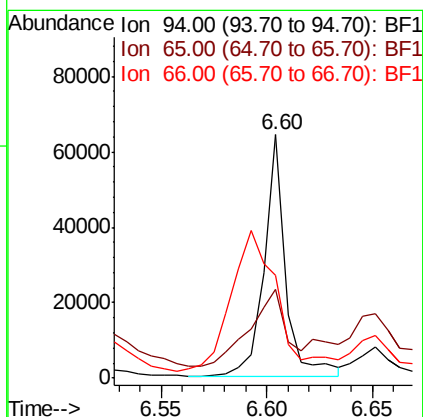
RT: 6.60 min Scan# 768

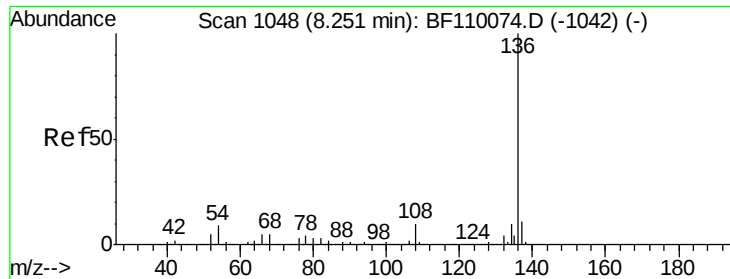
Delta R.T. -0.01 min

Lab File: BF110219.D

Acq: 26 Oct 2018 19:37

Tgt Ion:	94	Resp:	46034
Ion Ratio	Lower	Upper	
94	100		
65	36.5	25.3	65.3
66	42.0	54.5	94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF110219.D

Acq: 26 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

NON-UST-1A

Tgt Ion: 136 Resp: 219335
Ion Ratio Lower Upper

136 100

137 77.7 8.8 13.2#

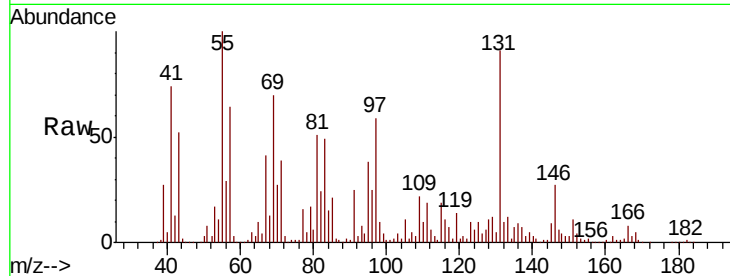
54 119.5 5.4 8.2#

68 151.0 4.2 6.2#

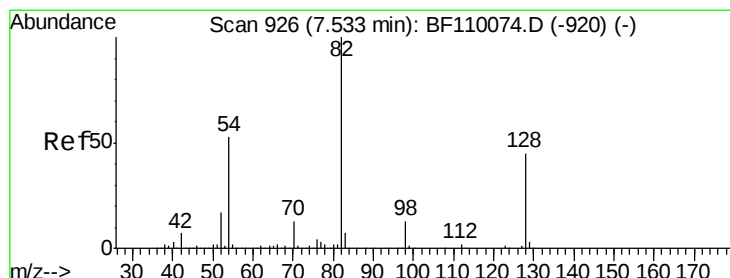
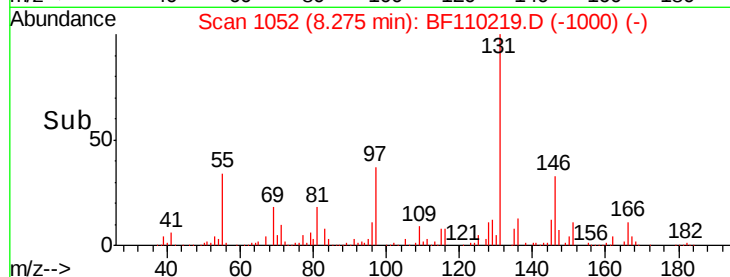
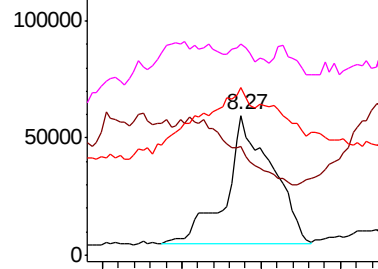
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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 85.723 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF110219.D

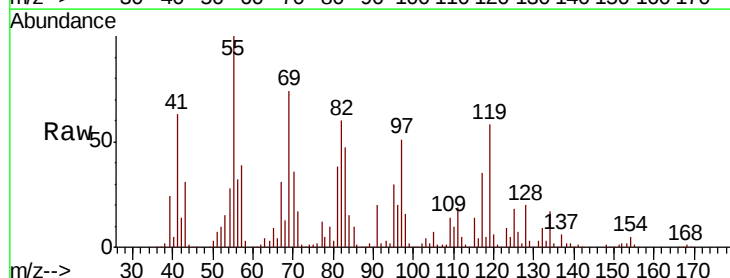
Acq: 26 Oct 2018 19:37

Tgt Ion: 82 Resp: 316997
Ion Ratio Lower Upper

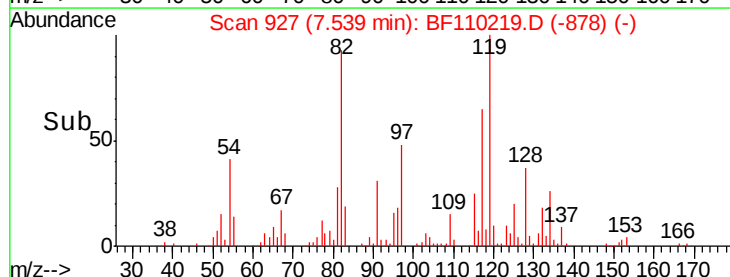
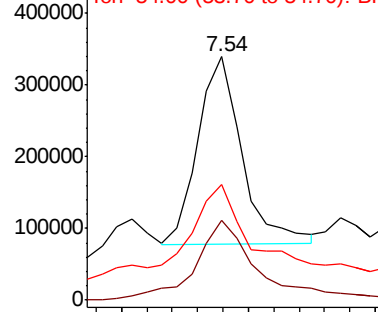
82 100

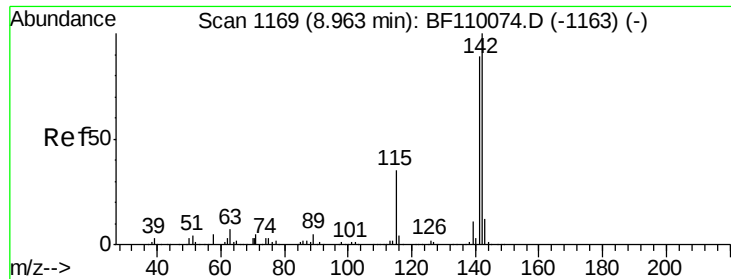
128 32.7 34.2 51.2#

54 47.5 38.6 58.0



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





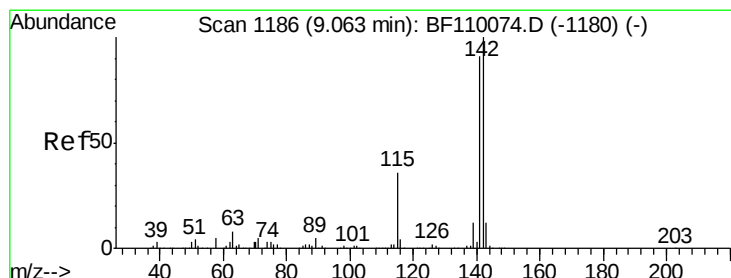
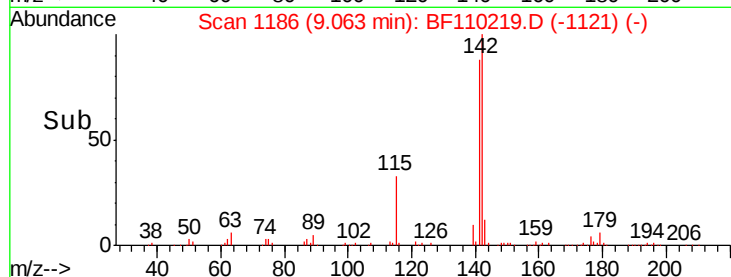
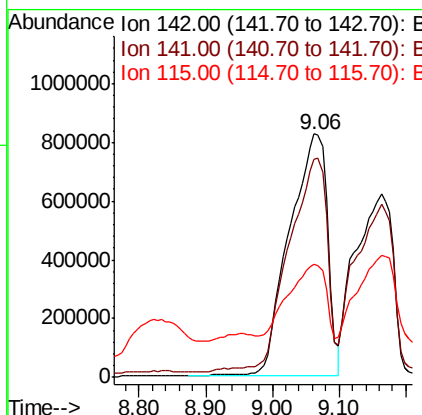
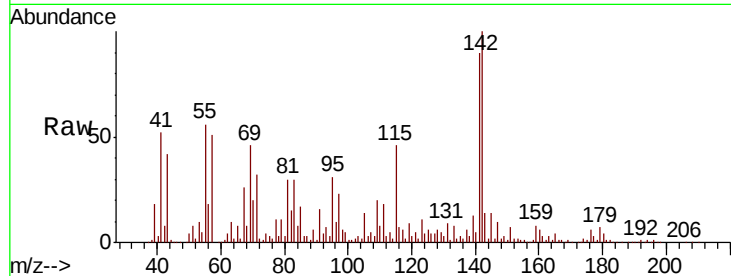
#37
2-Methylnaphthalene
Concen: 485.176 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.08 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
NON-UST-1A

Tgt Ion:142 Resp: 3245038
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2
115 46.2 28.7 43.1#

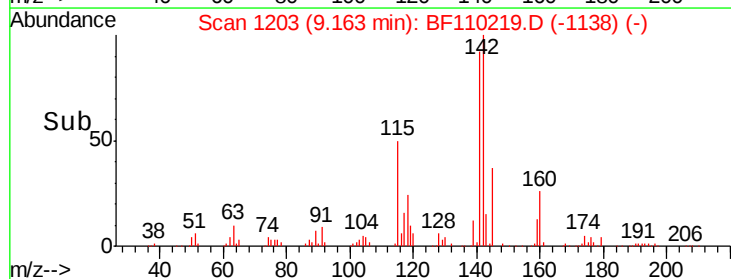
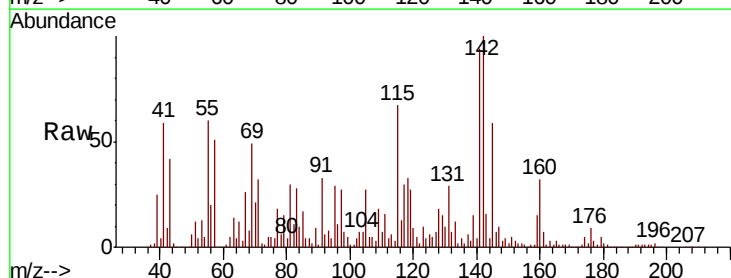
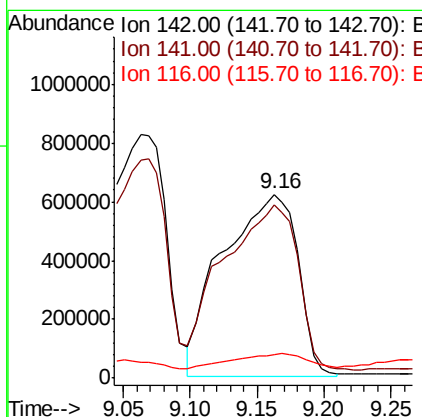
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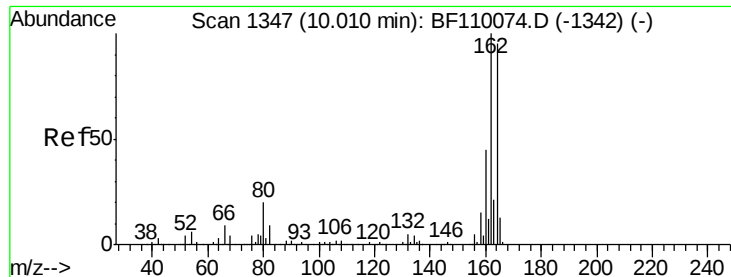
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#38
1-Methylnaphthalene
Concen: 377.703 ng m
RT: 9.16 min Scan# 1203
Delta R.T. 0.08 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Tgt Ion:142 Resp: 2441256
Ion Ratio Lower Upper
142 100
141 94.4 74.2 111.4
116 12.8 2.6 4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng m

RT: 10.12 min Scan# 1365

Delta R.T. 0.09 min

Lab File: BF110219.D

Acq: 26 Oct 2018 19:37

Instrument :

BNA_F

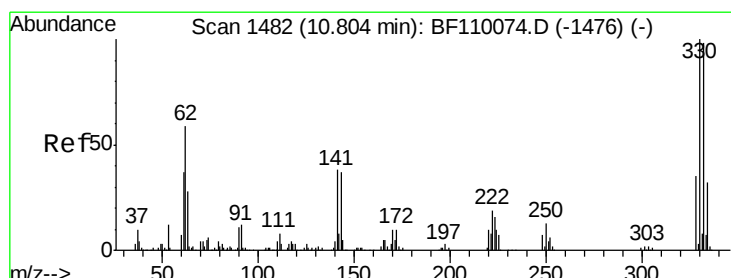
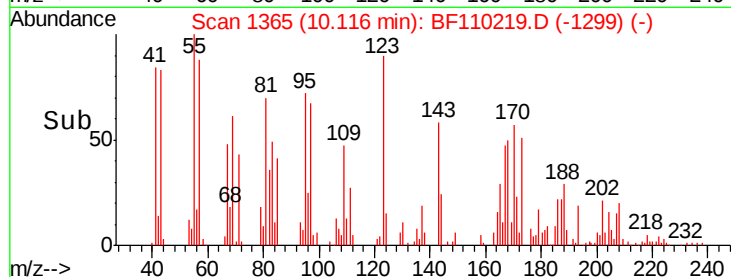
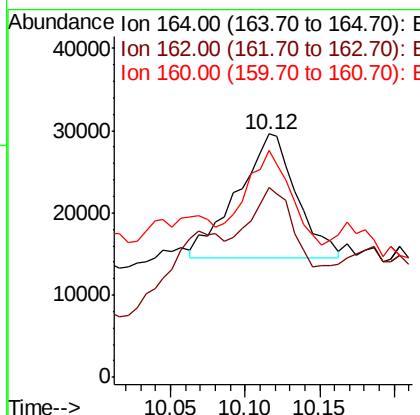
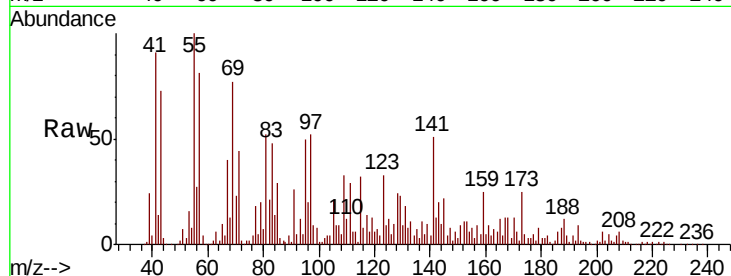
ClientSampled :

NON-UST-1A

Tgt Ion:	164	Resp:	41212
Ion Ratio	Lower	Upper	
164	100		
162	77.9	83.0	124.6#
160	93.5	37.0	55.6#

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#42

2,4,6-Tribromophenol

Concen: 132.138 ng

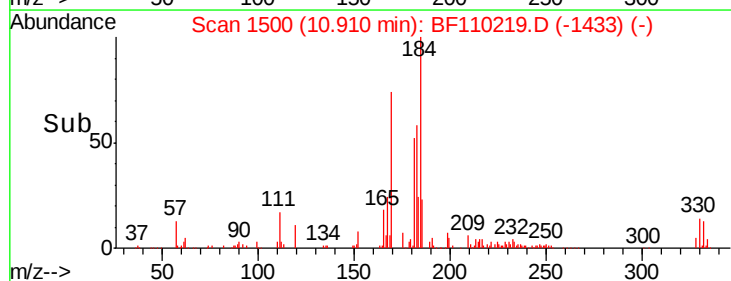
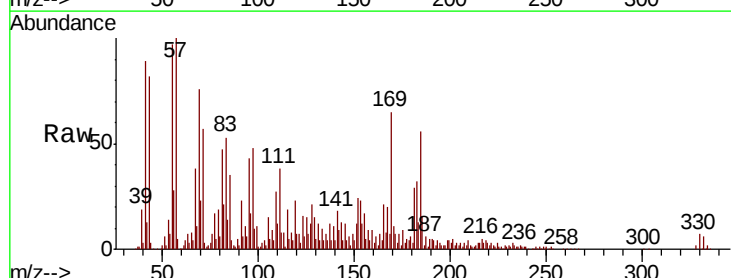
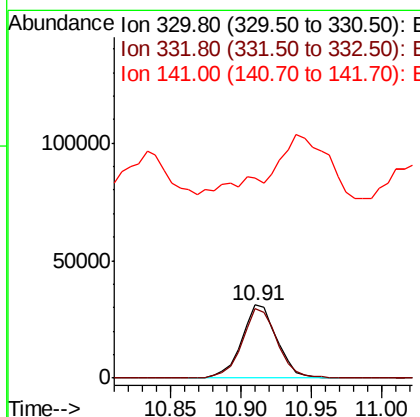
RT: 10.91 min Scan# 1500

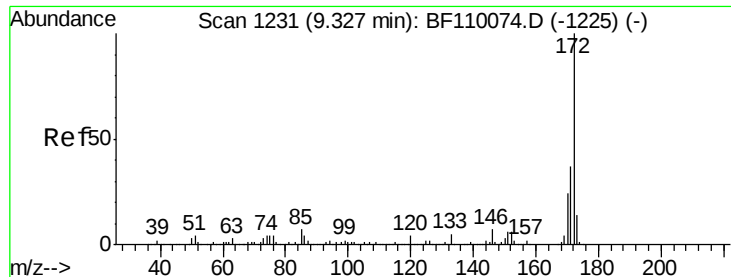
Delta R.T. 0.09 min

Lab File: BF110219.D

Acq: 26 Oct 2018 19:37

Tgt Ion:	330	Resp:	53943
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.1	115.7
141	0.0	27.0	40.4#





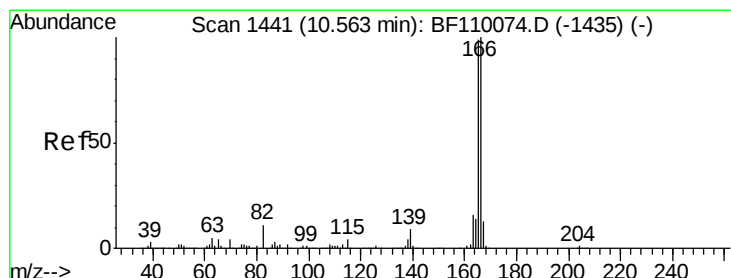
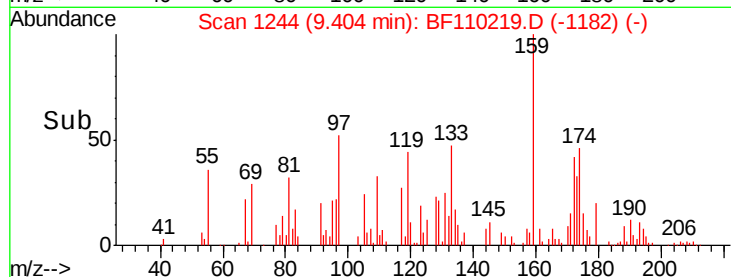
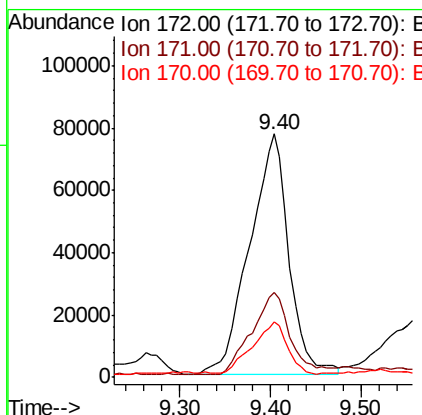
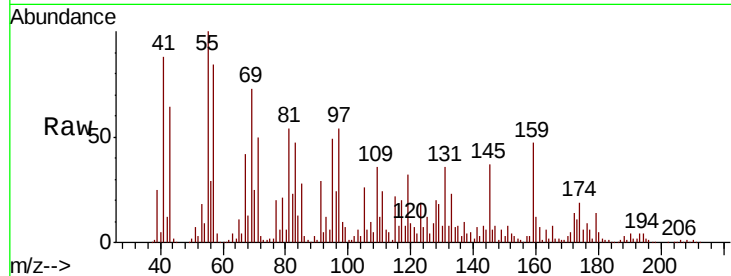
#45
2-Fluorobiphenyl
Concen: 88.214 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.06 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
NON-UST-1A

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.7	29.5

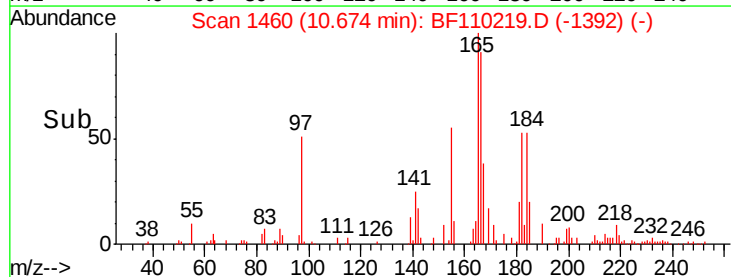
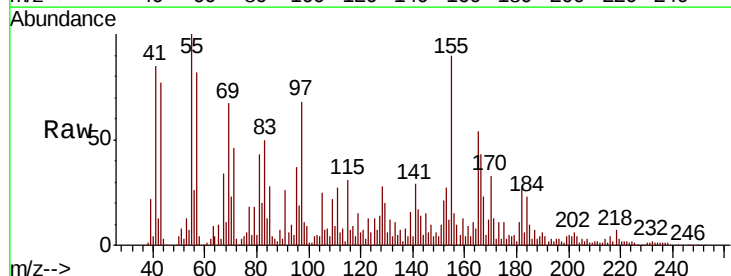
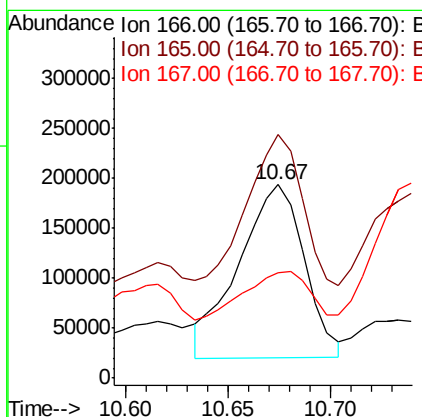
Manual Integrations
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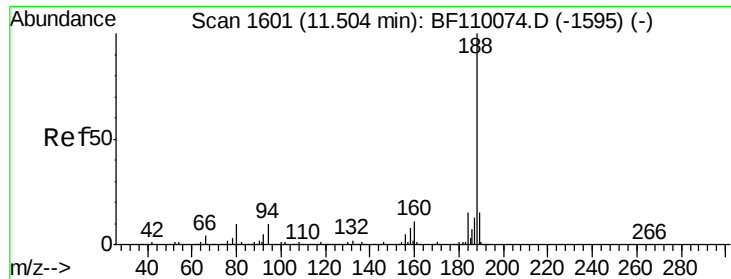
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#58
Fluorene
Concen: 141.845 ng m
RT: 10.67 min Scan# 1460
Delta R.T. 0.10 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	125.8	78.6	117.8#
167	54.7	10.8	16.2#





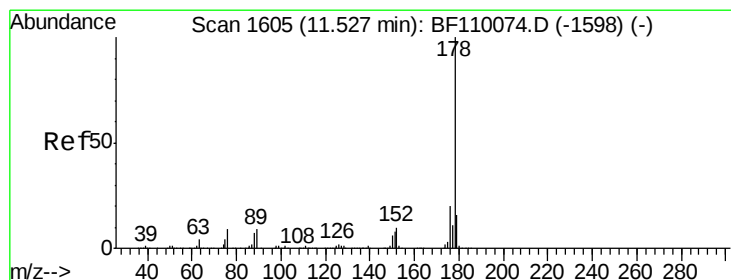
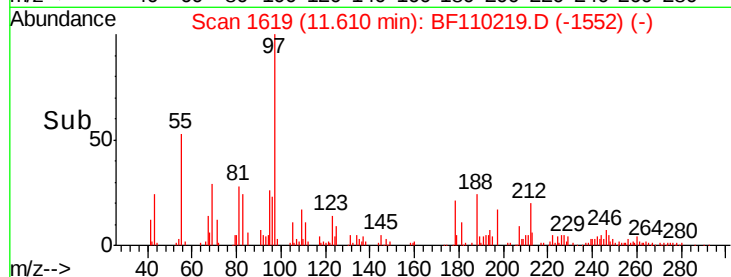
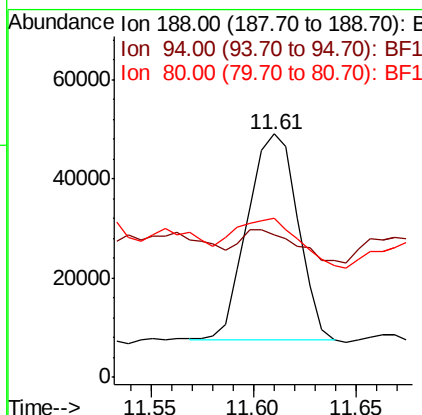
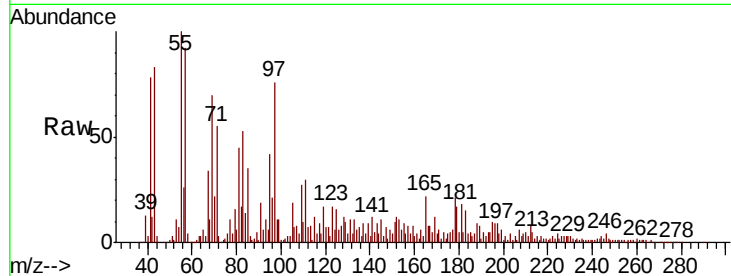
#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.61 min Scan# 1619
Delta R.T. 0.09 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
NON-UST-1A

Tgt Ion	Ratio	Lower	Upper
188	100		
94	58.4	7.2	10.8#
80	65.2	7.9	11.9#

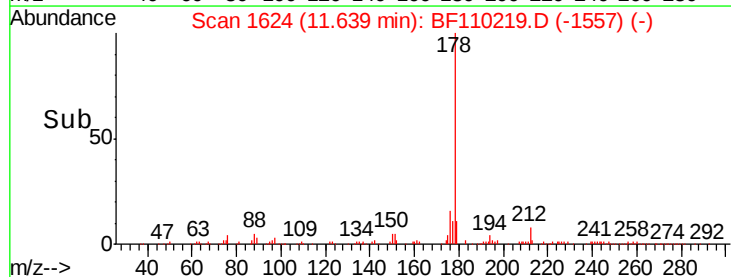
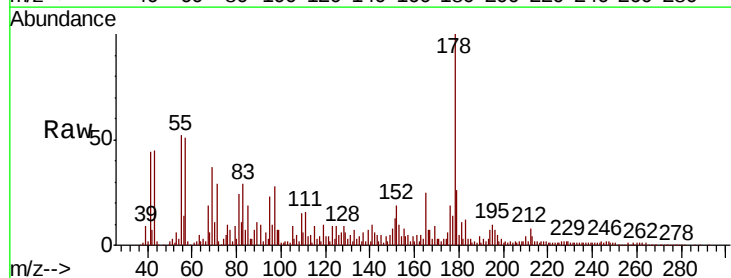
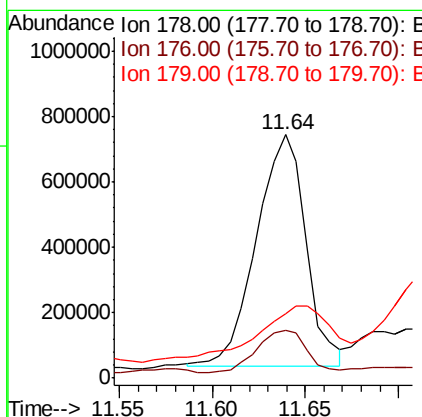
Manual Integrations
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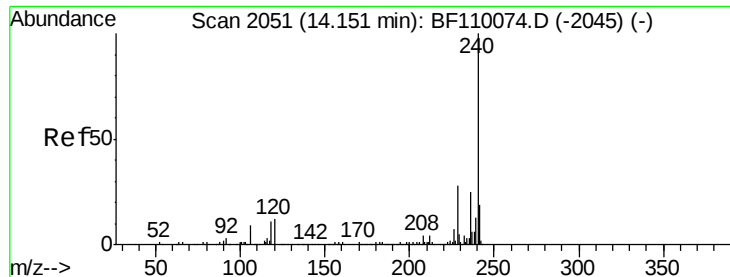
Sohil
11/6/2018 1:22:36 PM



#71
Phenanthrene
Concen: 347.640 ng m
RT: 11.64 min Scan# 1624
Delta R.T. 0.09 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	26.3	12.5	18.7#





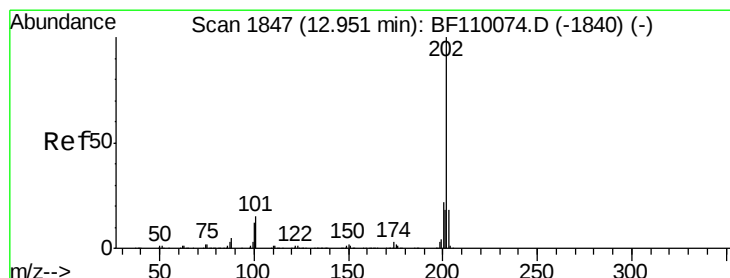
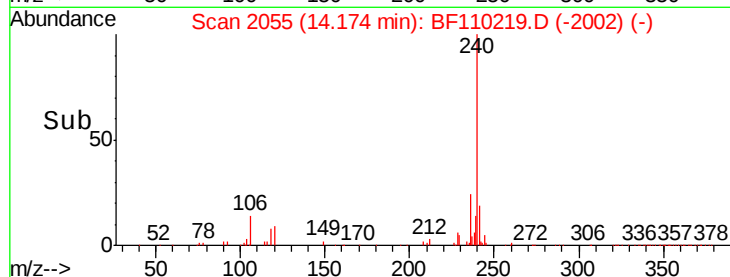
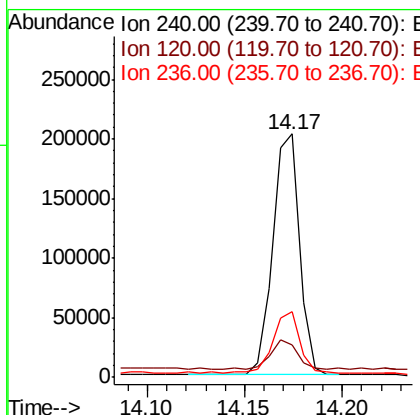
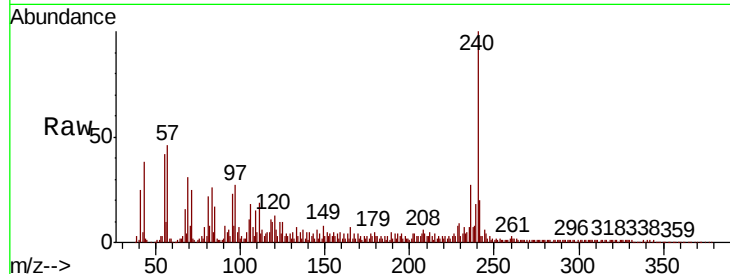
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
NON-UST-1A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	193087		
120	13.5	8.3	12.5#	
236	27.1	21.2	31.8	

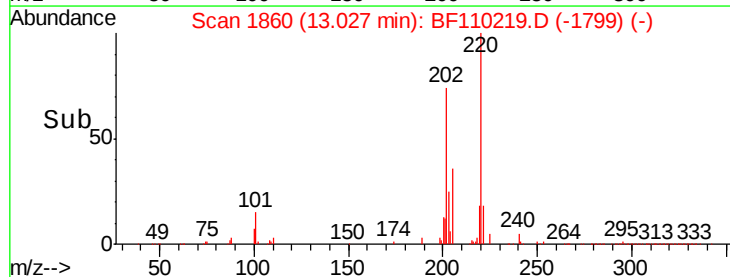
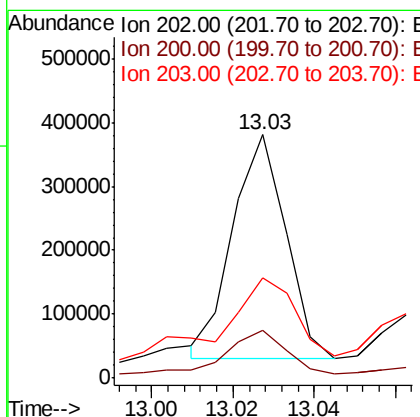
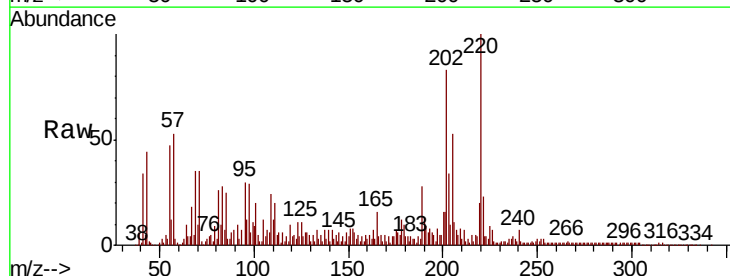
Manual Integrations
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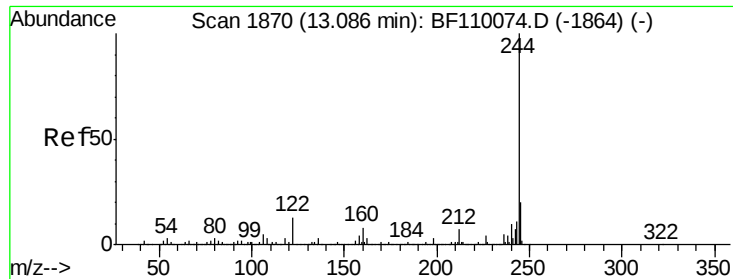
Sohil
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#78
Pyrene
Concen: 23.087 ng m
RT: 13.03 min Scan# 1860
Delta R.T. 0.06 min
Lab File: BF110219.D
Acq: 26 Oct 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	319588		
200	19.4	17.8	26.6	
203	41.3	14.2	21.4#	





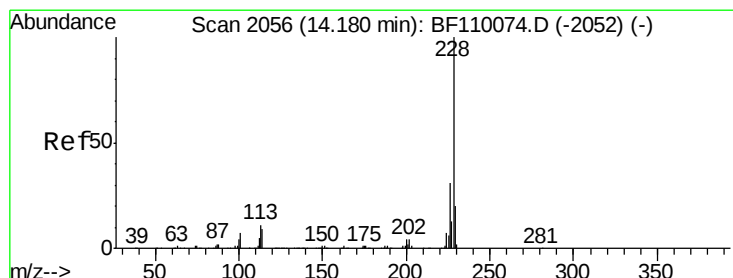
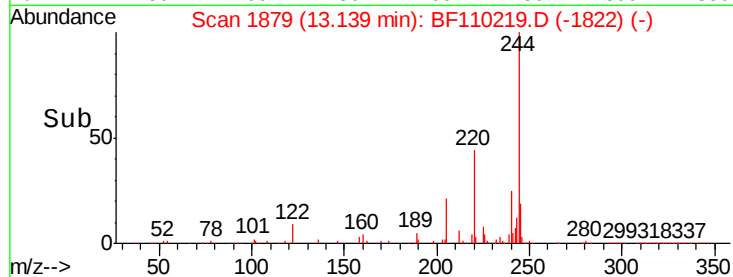
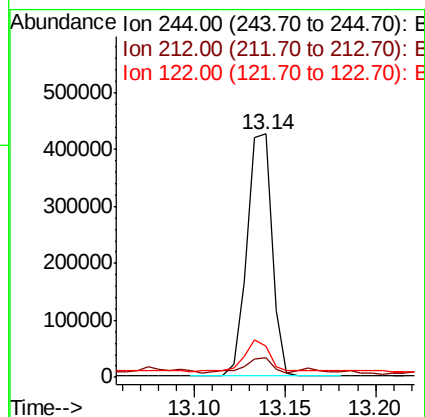
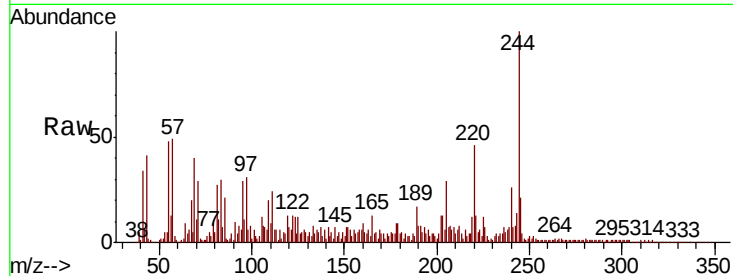
#79
 Terphenyl-d14
 Concen: 43.709 ng
 RT: 13.14 min Scan# 1879
 Delta R.T. 0.04 min
 Lab File: BF110219.D
 Acq: 26 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-1A

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	5.8	8.8
122	12.6	8.7	13.1

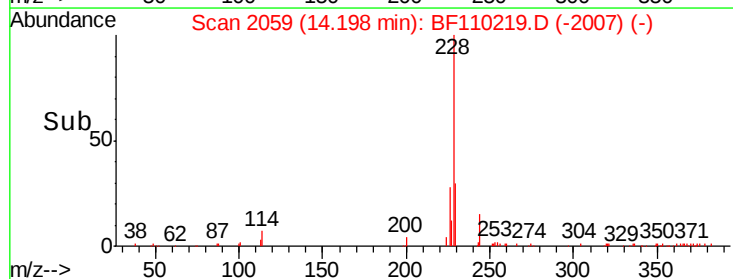
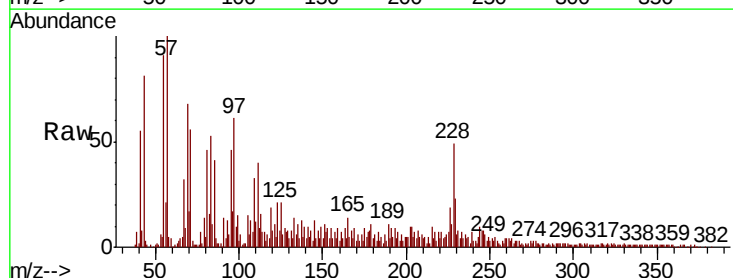
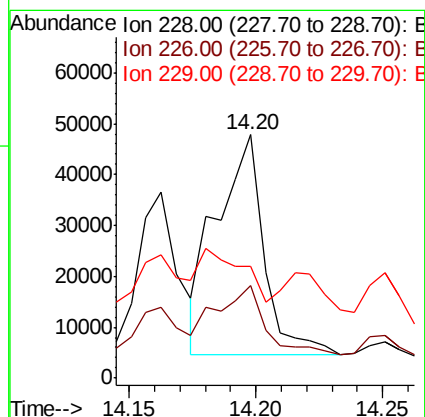
Manual Integrations
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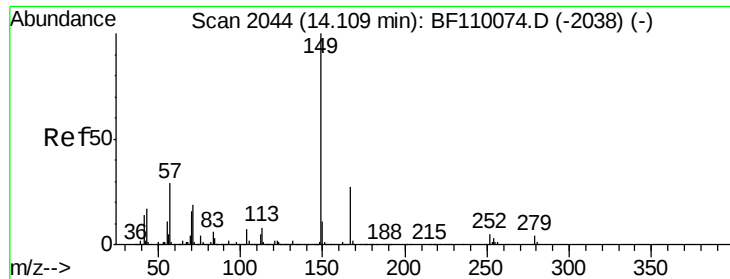
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 11/6/2018 1:22:36 PM



#83
 Chrysene
 Concen: 5.149 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BF110219.D
 Acq: 26 Oct 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	38.1	24.7	37.1#
229	46.0	15.9	23.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.119 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110219.D

Acq: 26 Oct 2018 19:37

Instrument :

BNA_F

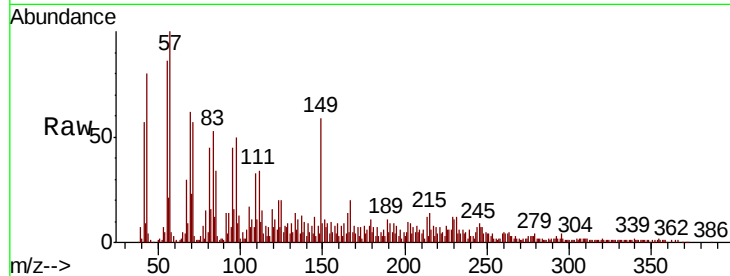
ClientSampleId :

NON-UST-1A

Tgt Ion:	149	Resp:	49698
Ion Ratio	Lower	Upper	
149	100		
167	33.6	19.8	29.8#
279	6.5	2.7	4.1#

Manual Integrations
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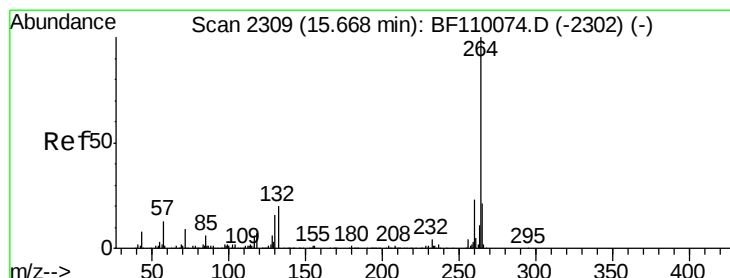
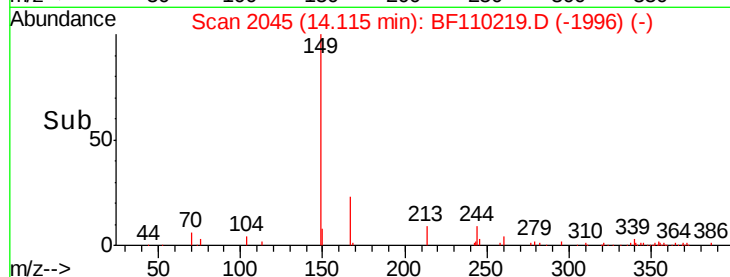
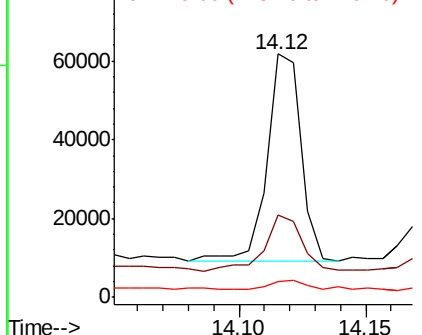


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

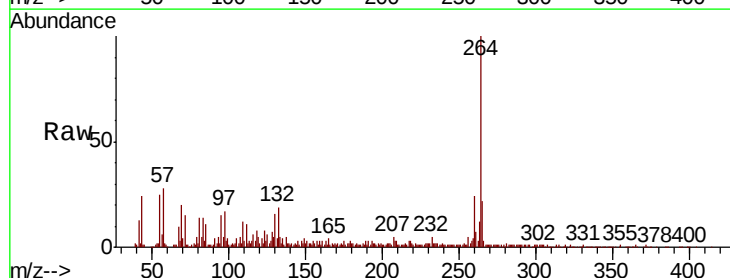
RT: 15.69 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BF110219.D

Acq: 26 Oct 2018 19:37

Tgt Ion:	264	Resp:	144661
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.7	28.1
265	22.2	16.7	25.1

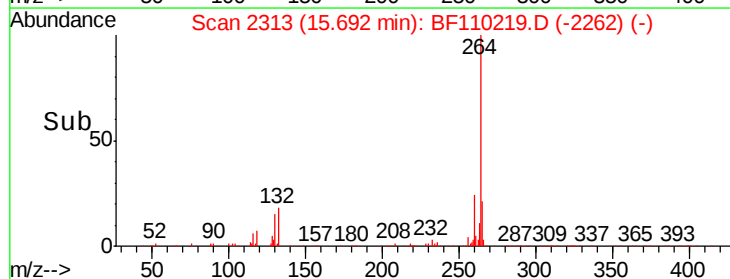
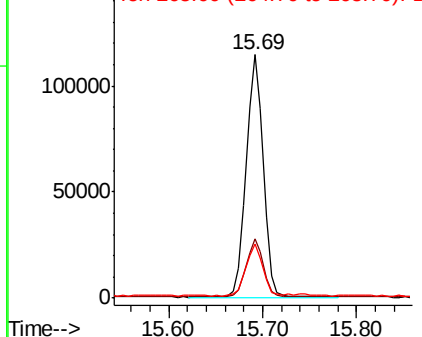


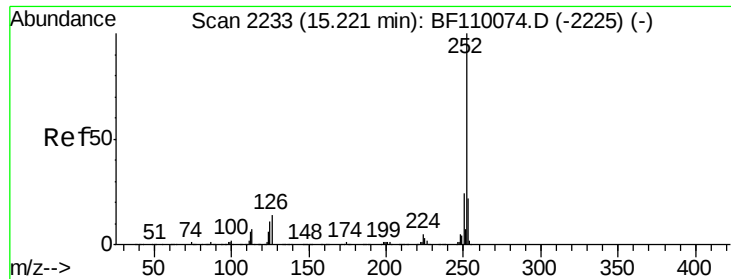
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 3.546 ng m

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF110219.D

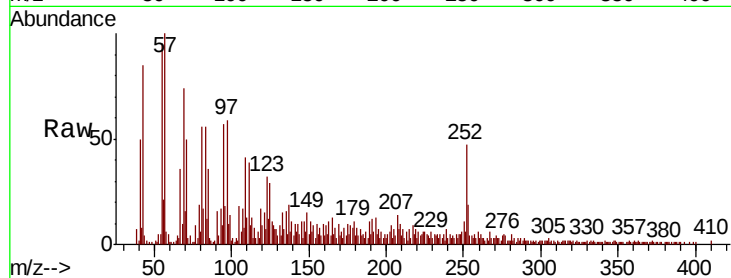
Acq: 26 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

NON-UST-1A



Tgt Ion:	252	Resp:	29623
Ion Ratio	Lower	Upper	
252	100		
253	41.5	17.2	25.8#
125	62.7	8.2	12.4#

Manual Integrations
APPROVED

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