

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096346.D
 Acq On : 30 Jun 2017 19:51
 Operator : SJ/MA
 Sample : I3959-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-A

Manual Integrations
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 7/3/2017 11:37:08 AM

Quant Time: Jun 30 23:41:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	150595	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	619880	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	239695	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	332025	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	304117	20.00	ng	-0.01
86) Perylene-d12	15.33	264	249898	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	249416	23.86	ng	-0.02
7) Phenol-d6	6.38	99	311695	24.63	ng	-0.01
23) Nitrobenzene-d5	7.31	82	166247	18.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	51973	27.55	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	287024	21.93	ng	-0.03
78) Terphenyl-d14	12.86	244	174446	14.31	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	53893	3.14	ng	99
70) Phenanthrene	11.30	178	190142	4.51	ng	98
71) Anthracene	11.35	178	52622	2.84	ng	97
74) Fluoranthene	12.48	202	237093	12.85	ng	95
77) Pyrene	12.71	202	213356	8.54	ng	98
80) Benzo(a)anthracene	13.89	228	71968	3.88	ng	99
82) Chrysene	13.93	228	67129	3.50	ng	98
87) Benzo(b)fluoranthene	14.92	252	65037m	3.96	ng	
89) Benzo(a)pyrene	15.26	252	46996	3.24	ng	# 70

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

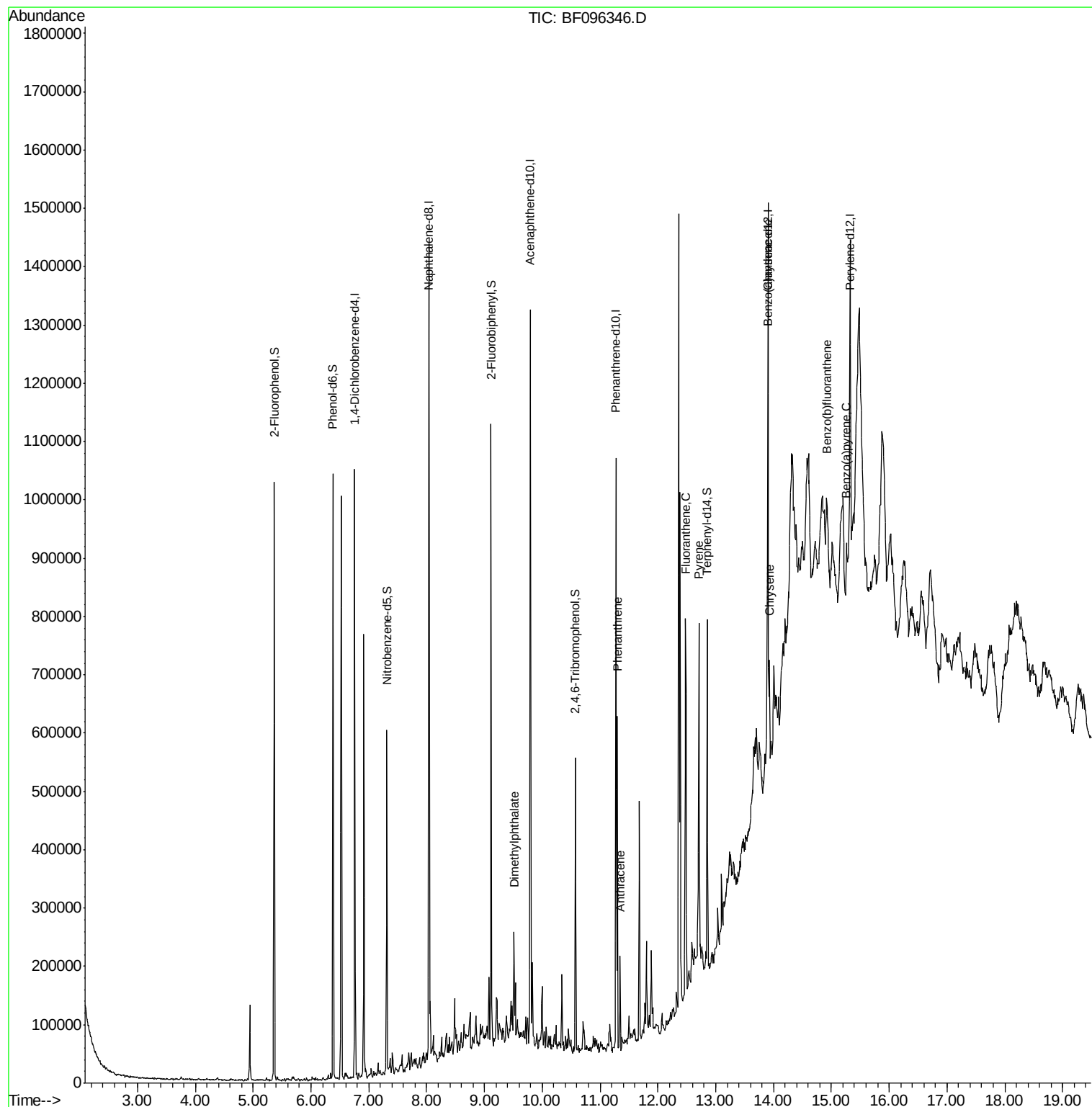
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096346.D
Acq On : 30 Jun 2017 19:51
Operator : SJ/MA
Sample : I3959-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

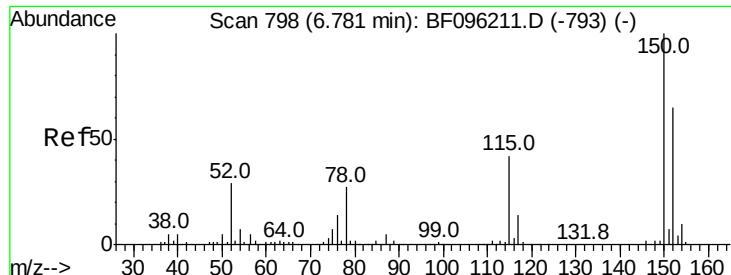
Instrument :
BNA_F
ClientSampleId :
BU-03-062717-A

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
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Response via : Initial Calibration





#1

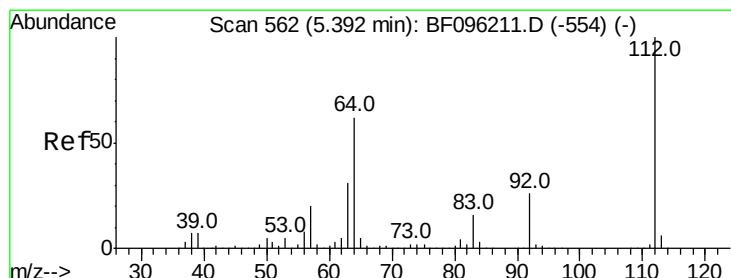
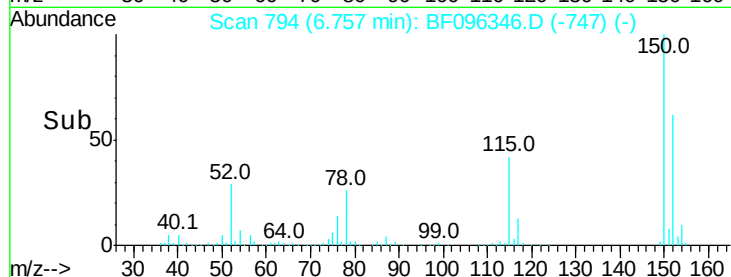
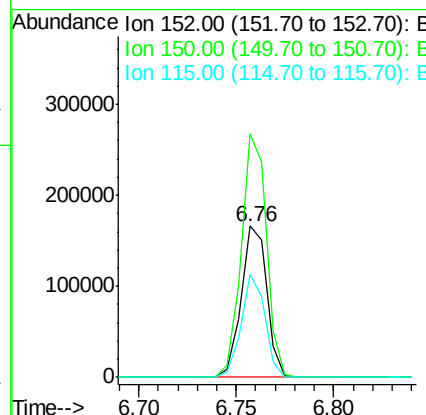
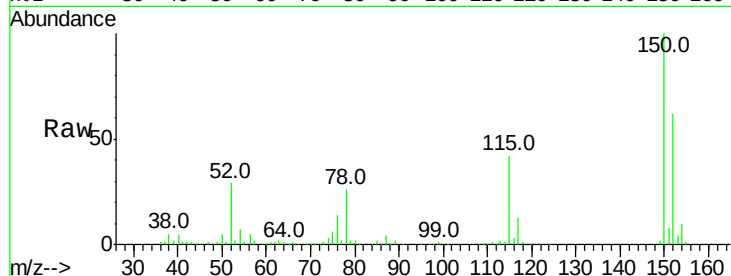
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	67.6	52.2	78.2

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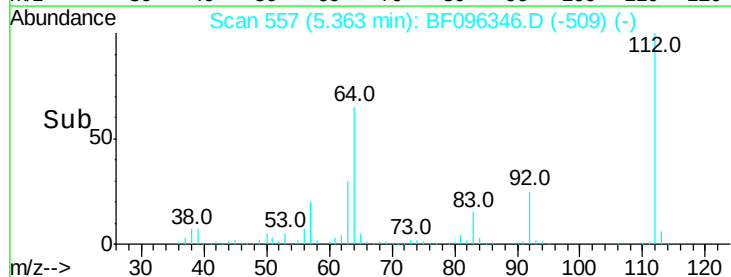
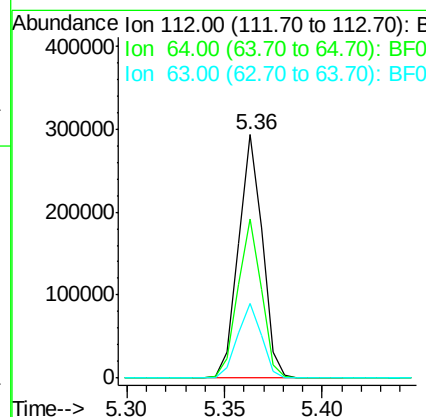
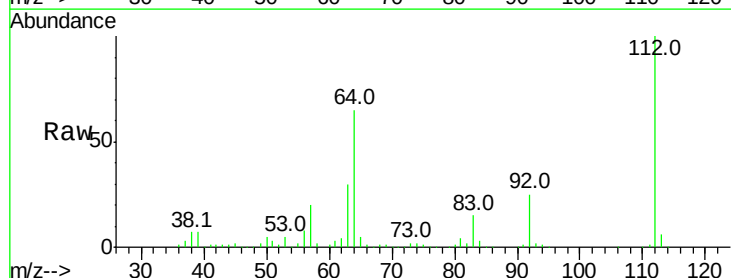
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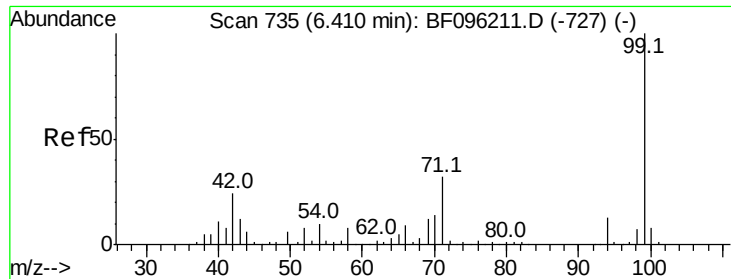


#5

2-Fluorophenol
Concen: 23.86 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	30.4	23.4	35.0





#7

Phenol-d6

Concen: 24.63 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Instrument :

BNA_F

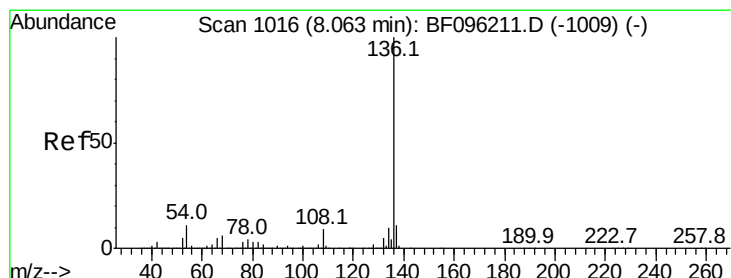
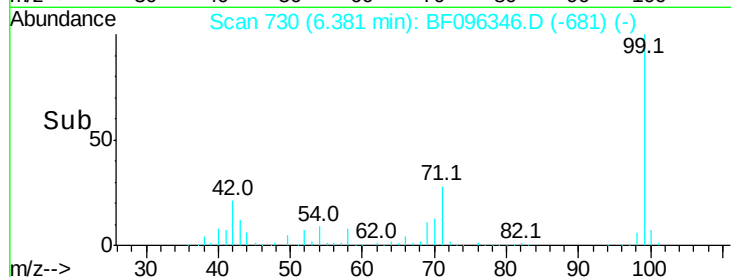
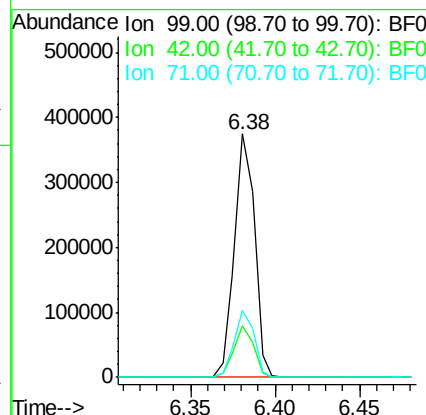
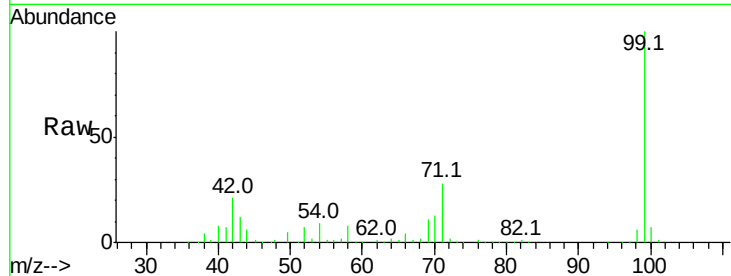
ClientSampleId :

BU-03-062717-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		311695		
42	21.4	13.5	20.3#		
71	27.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

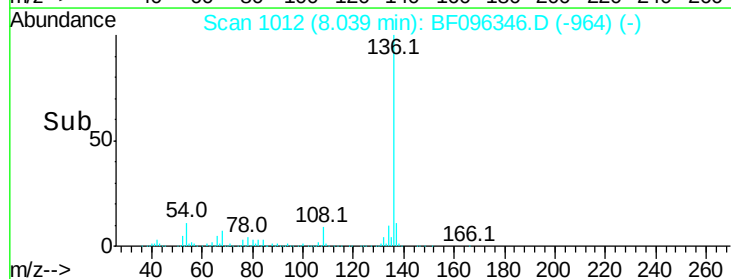
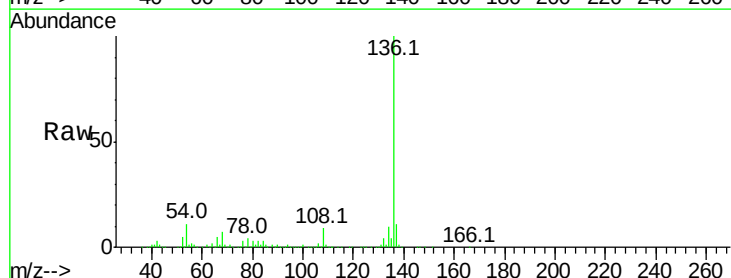
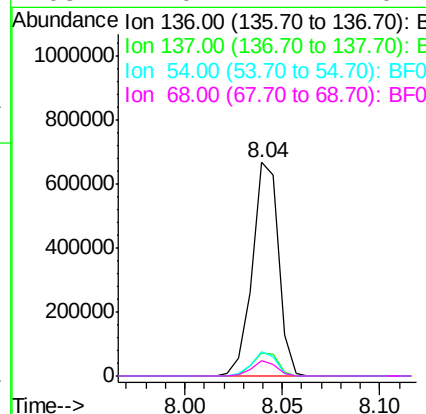
RT: 8.04 min Scan# 1012

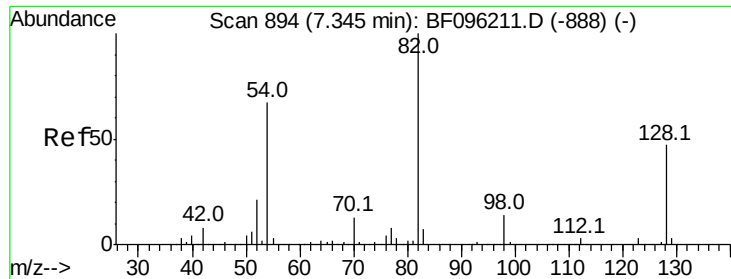
Delta R.T. -0.02 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		619880		
137	10.8	8.5	12.7		
54	11.5	4.9	7.3#		
68	7.0	4.1	6.1#		





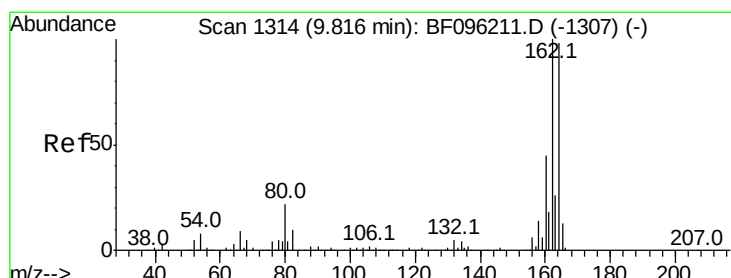
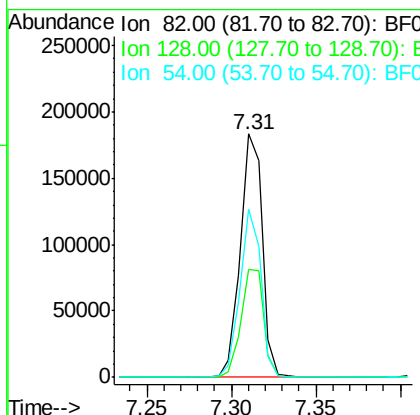
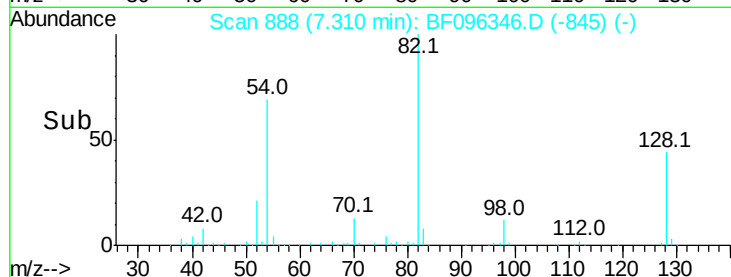
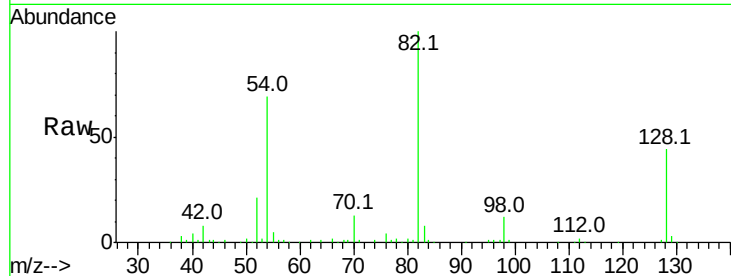
#23
 Nitrobenzene-d5
 Concen: 18.57 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.05 min
 Lab File: BF096346.D
 Acq: 30 Jun 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	69.0	42.2	63.2

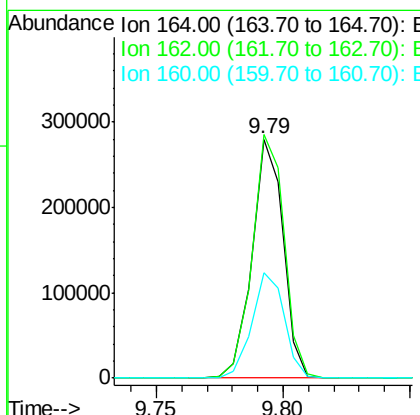
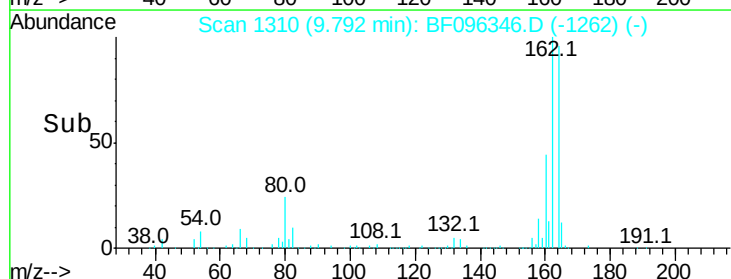
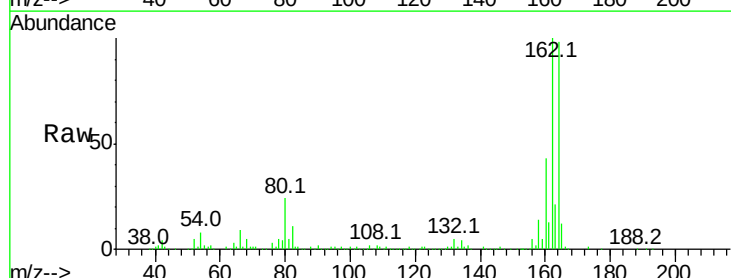
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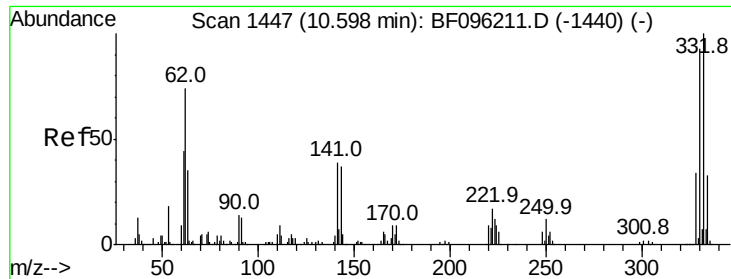
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF096346.D
 Acq: 30 Jun 2017 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	44.3	36.2	54.2





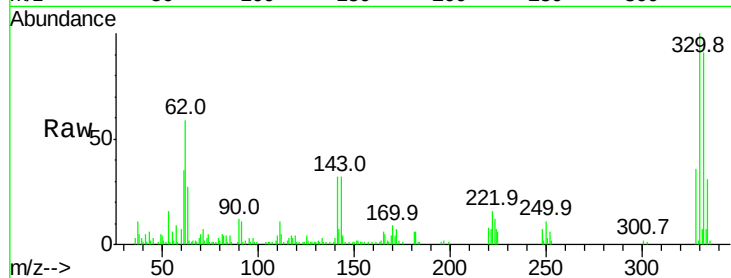
#41
 2,4,6-Tribromophenol
 Concen: 27.55 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF096346.D
 Acq: 30 Jun 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	32.2	31.4	47.2

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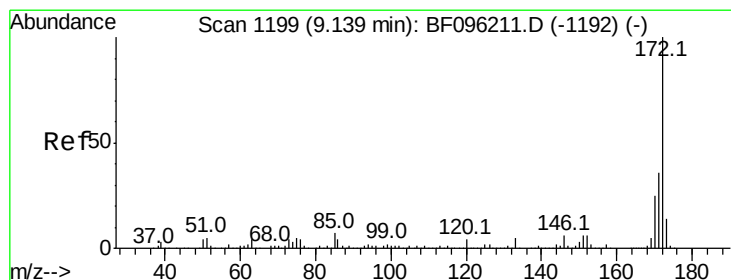
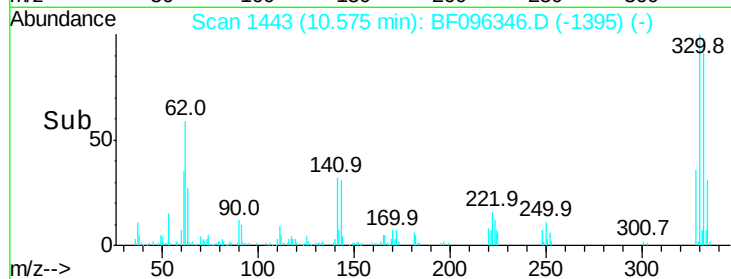
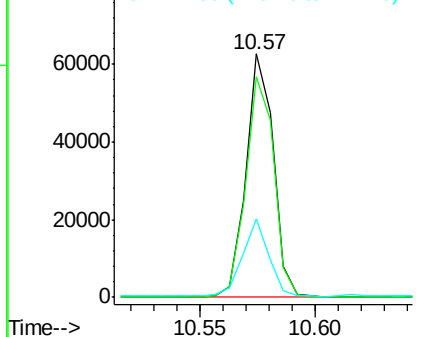


Abundance

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: 21.93 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096346.D
 Acq: 30 Jun 2017 19:51

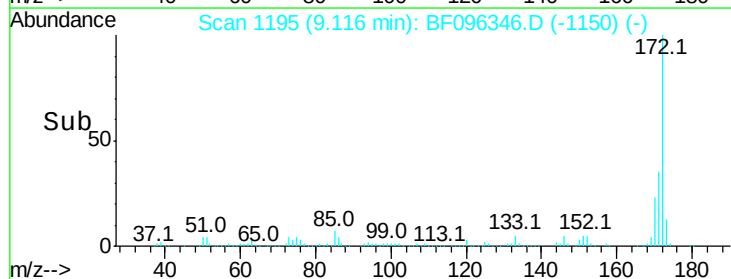
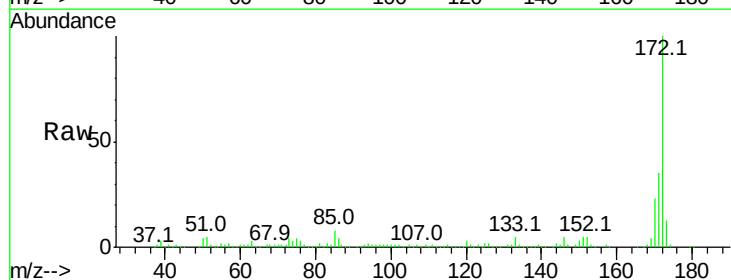
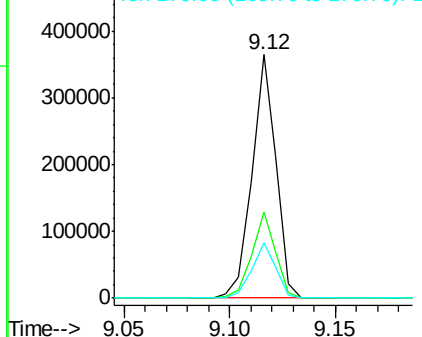
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.7	19.8	29.8

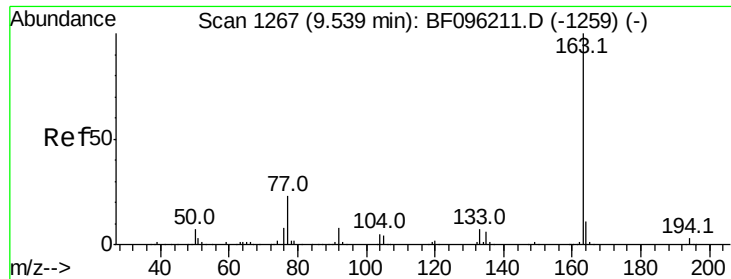
Abundance

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





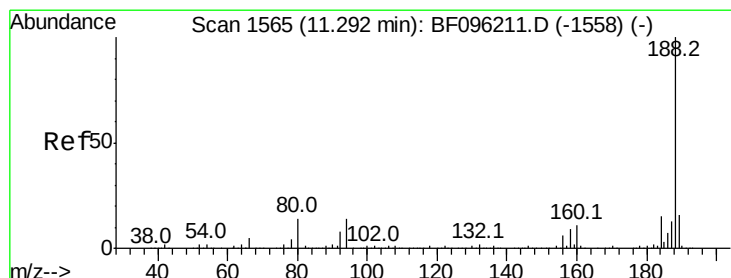
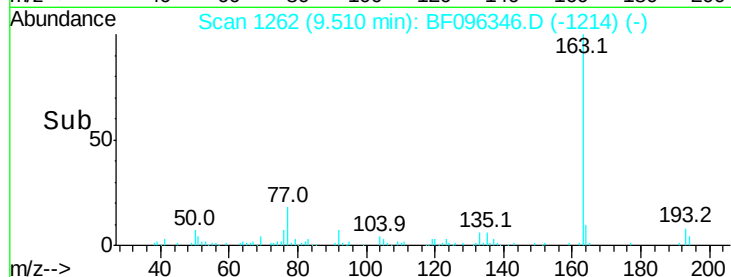
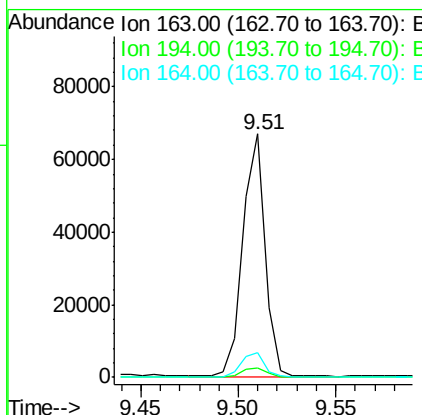
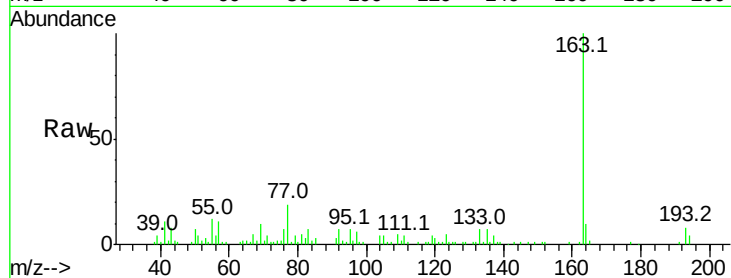
#49
Dimethylphthalate
Concen: 3.14 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.0	8.4	12.6

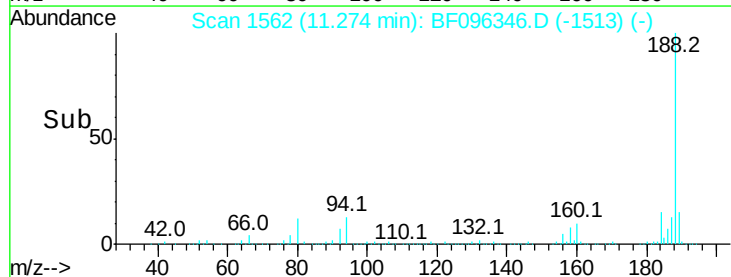
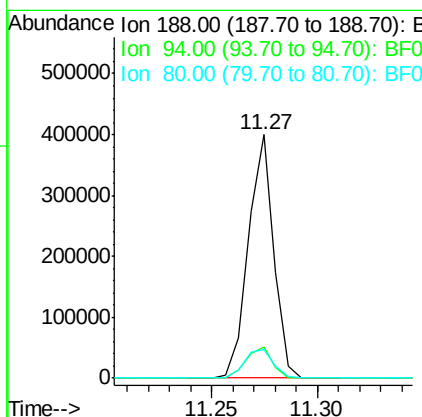
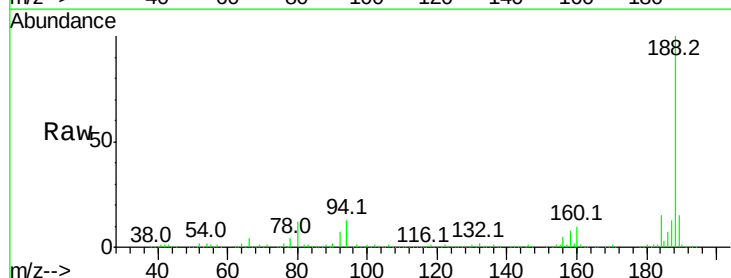
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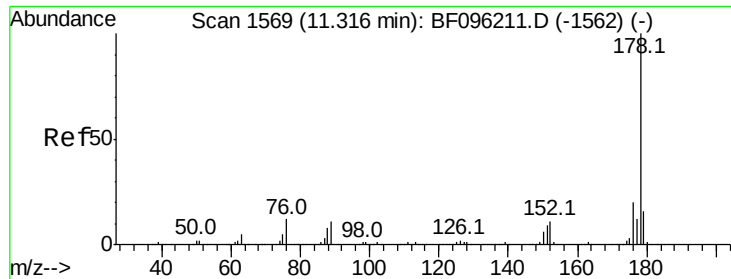
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	12.0	10.2	15.2





#70

Phenanthrene

Concen: 4.51 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.03 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Instrument :

BNA_F

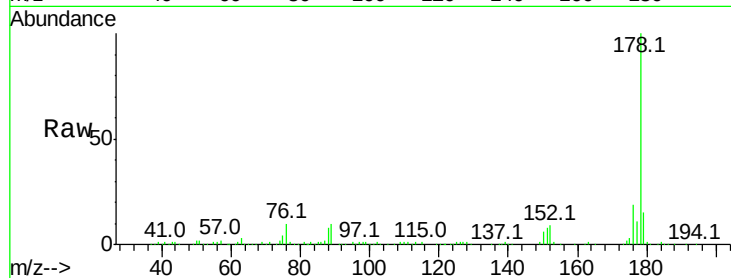
ClientSampleId :

BU-03-062717-A

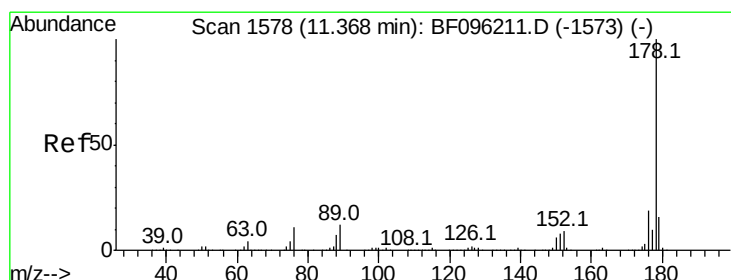
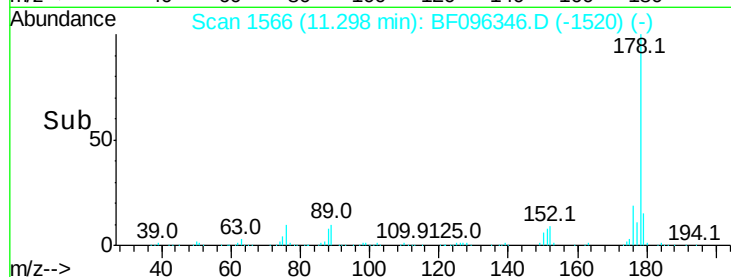
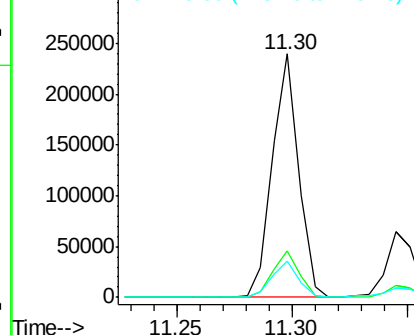
Tot Ion:178	Resp:	190142
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.2 24.4
179	14.9	12.6 19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.84 ng

RT: 11.35 min Scan# 1574

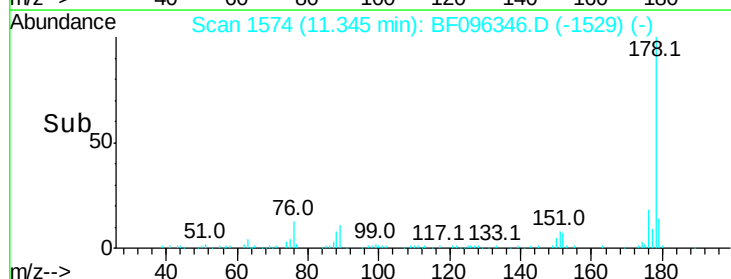
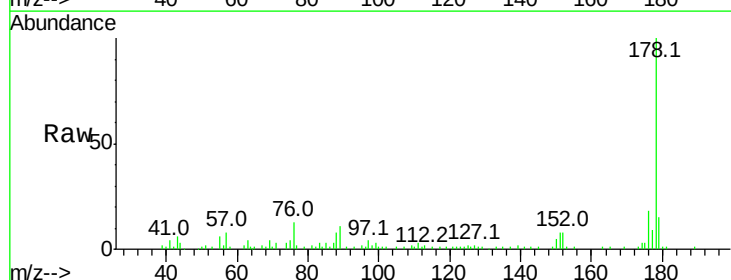
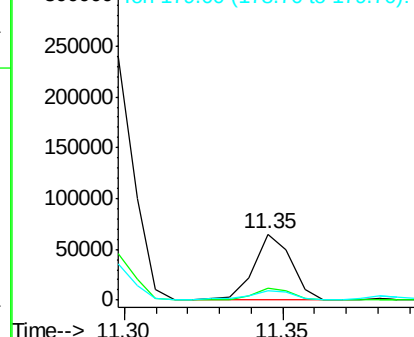
Delta R.T. -0.04 min

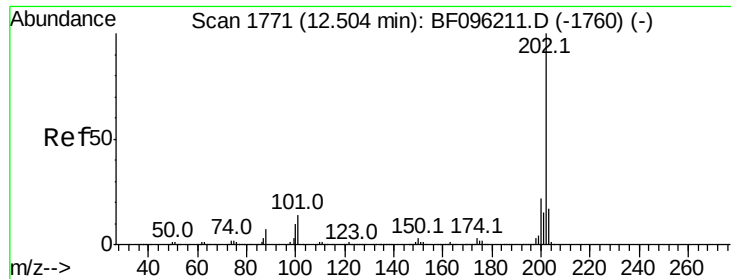
Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Tgt Ion:178	Resp:	52622
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.8 23.8
179	14.8	12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 12.85 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Instrument :

BNA_F

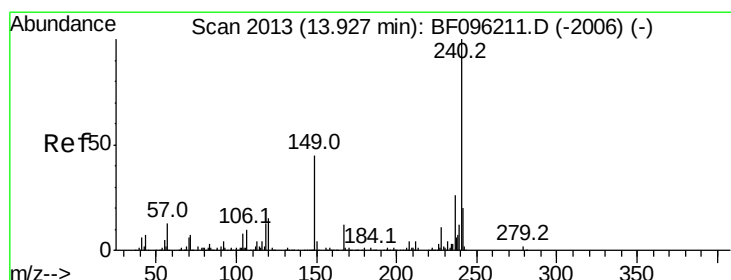
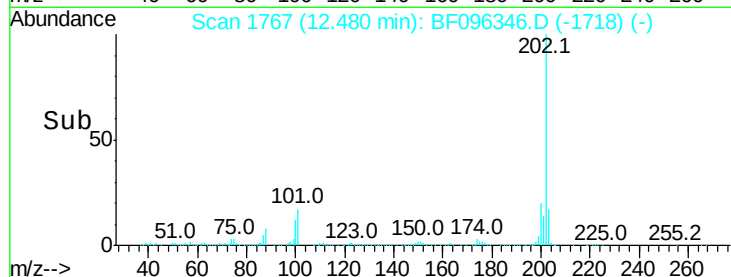
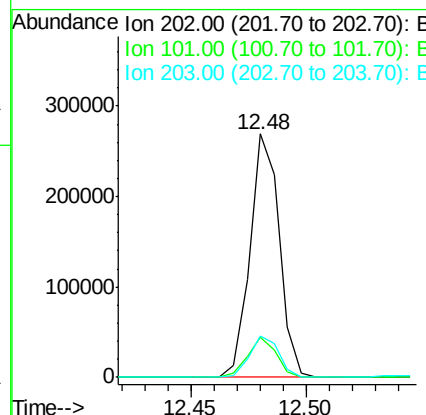
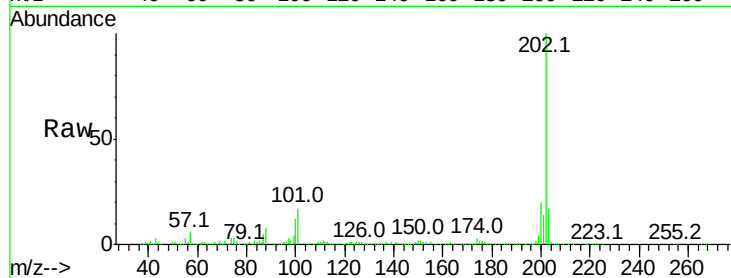
ClientSampleId :

BU-03-062717-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.6	0.0	33.2
203	16.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

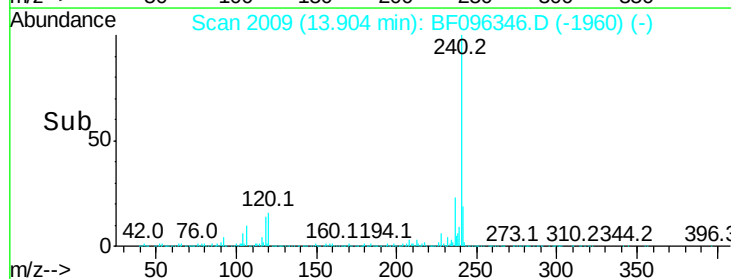
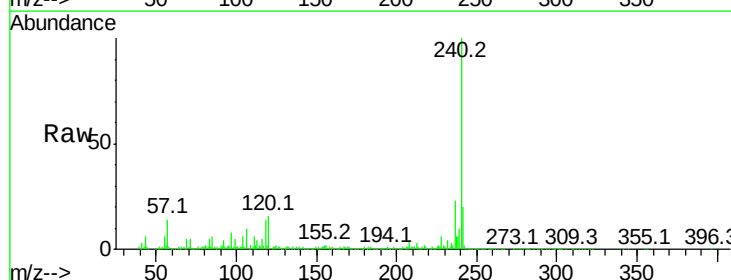
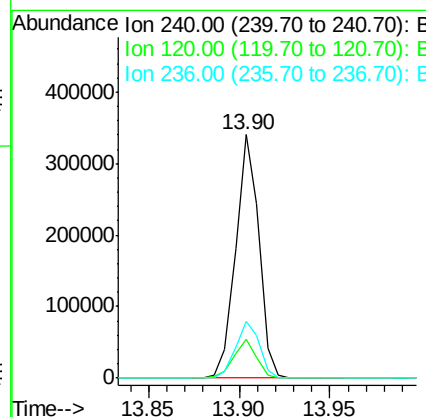
RT: 13.90 min Scan# 2009

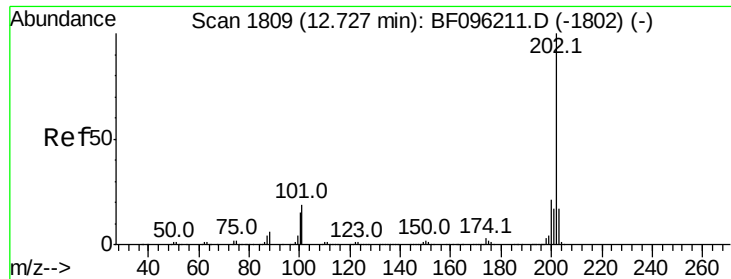
Delta R.T. -0.01 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.2	5.8	8.8#
236	23.4	20.5	30.7





#77

Pvrene

Concen: 8.54 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

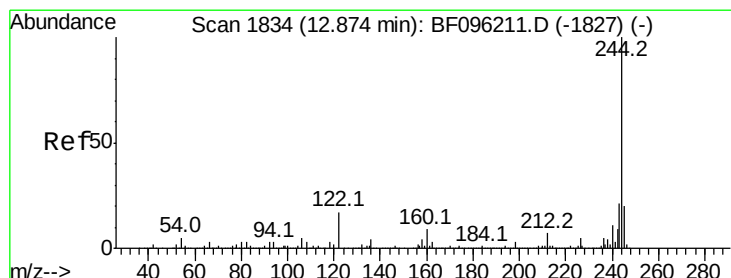
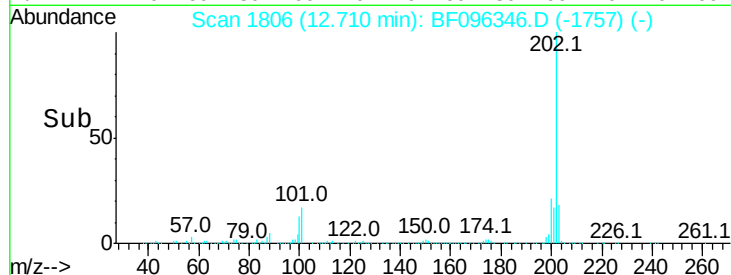
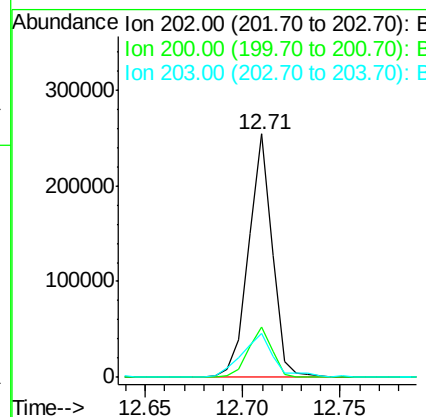
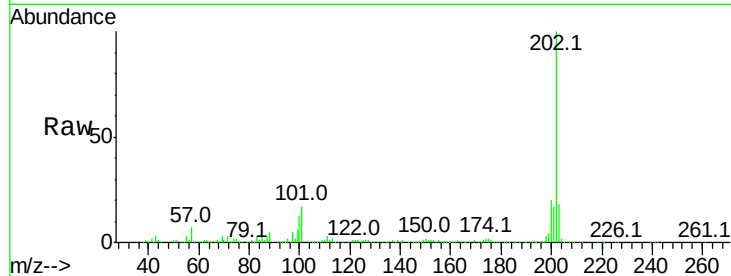
Instrument :
BNA_F

ClientSampleId :
BU-03-062717-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.6	26.4
203	18.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 14.31 ng

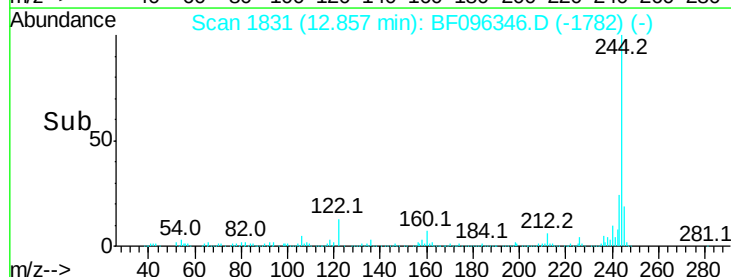
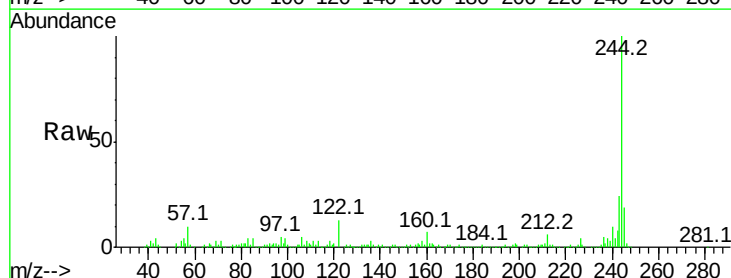
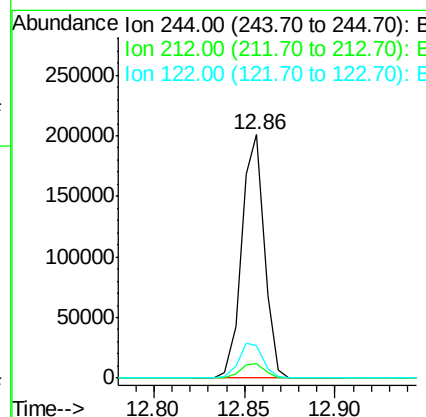
RT: 12.86 min Scan# 1831

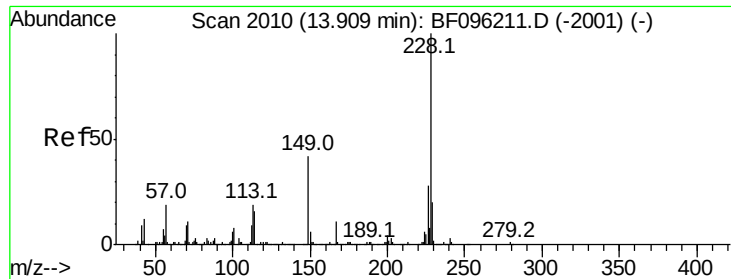
Delta R.T. -0.01 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.1	6.0	9.0
122	13.3	10.3	15.5





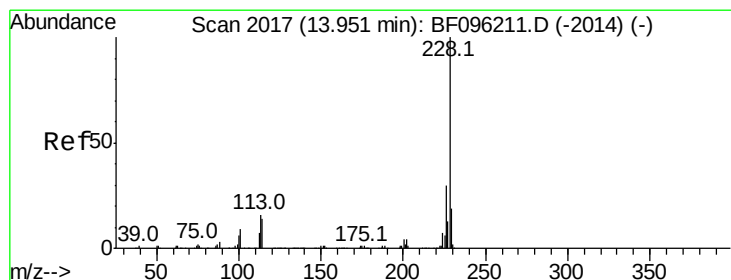
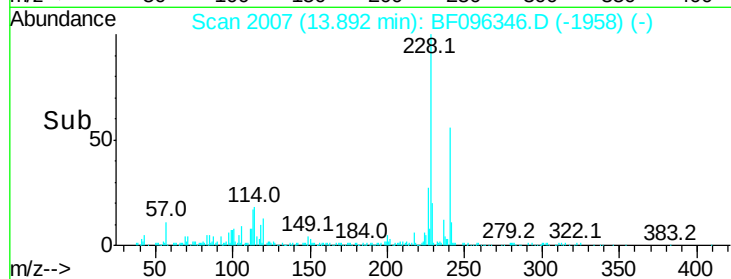
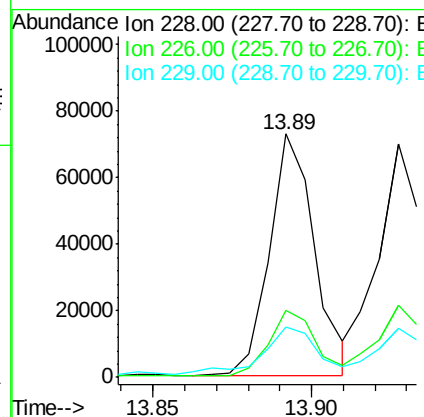
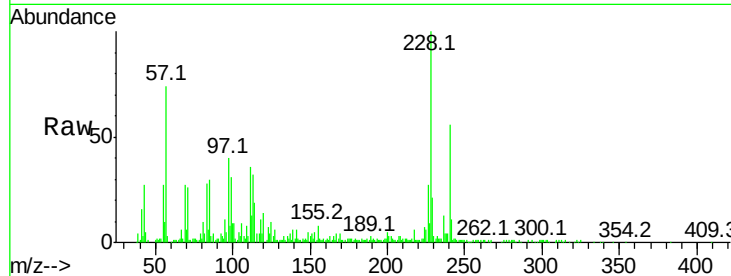
#80
Benzo(a)anthracene
Concen: 3.88 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.8	16.3	24.5

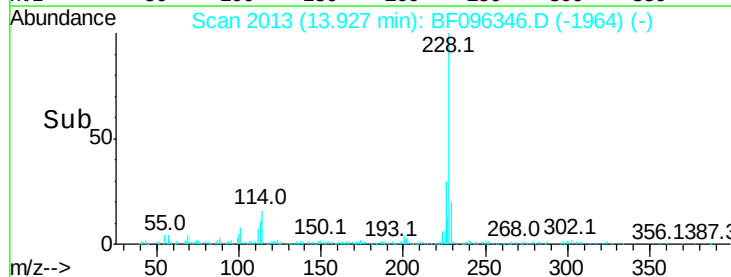
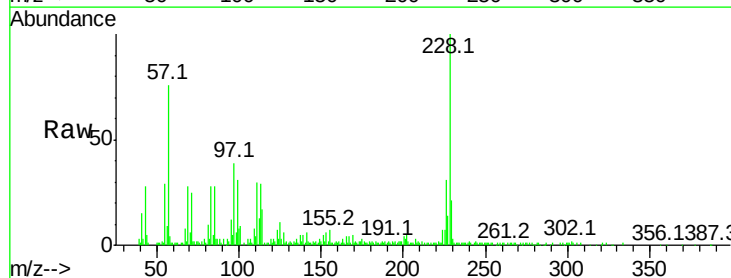
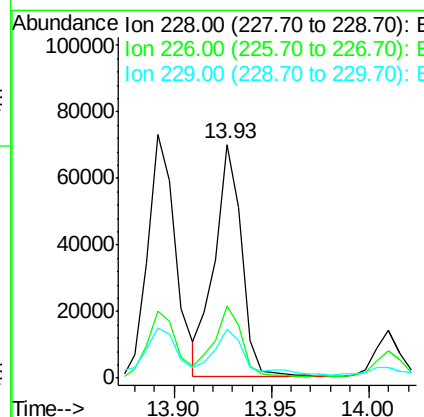
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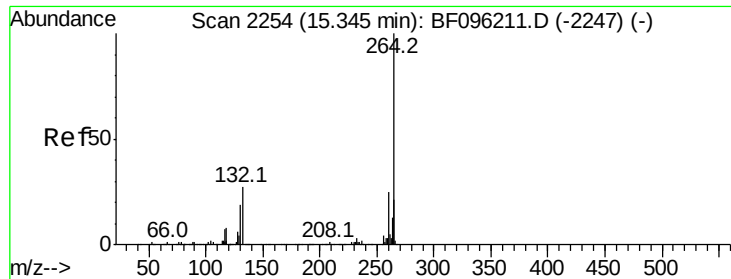
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#82
Chrysene
Concen: 3.50 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.3	15.8	23.6





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Instrument :

BNA_F

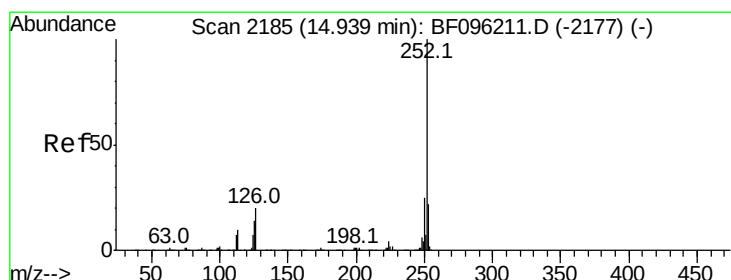
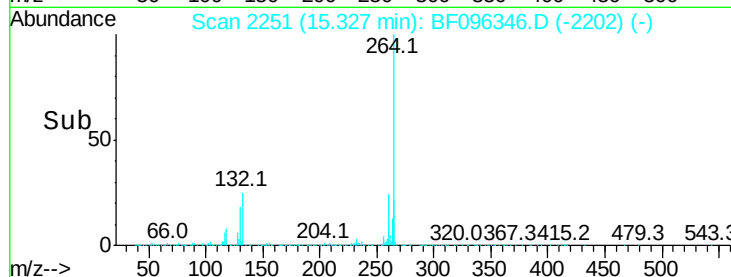
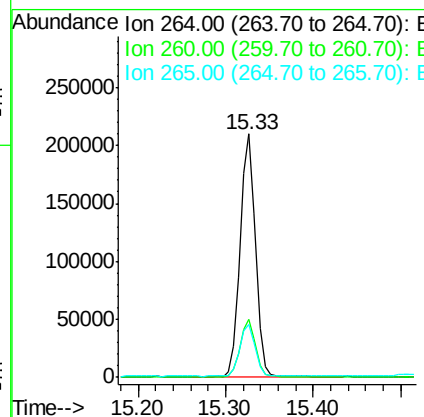
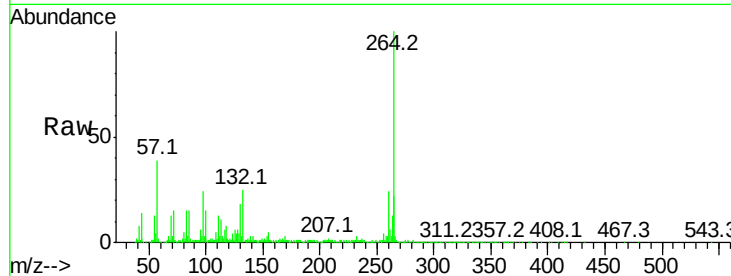
ClientSampleId :

BU-03-062717-A

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.5	29.3	
265	21.8	17.2	25.8	

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#87

Benzo(b)fluoranthene

Concen: 3.96 ng m

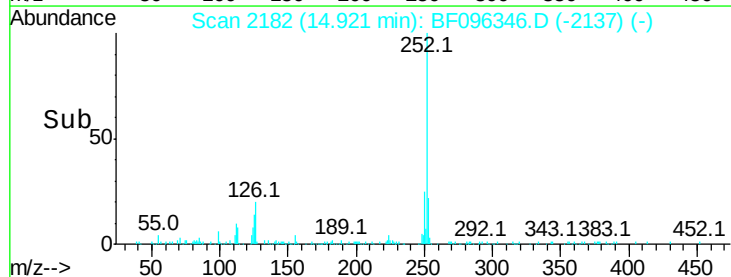
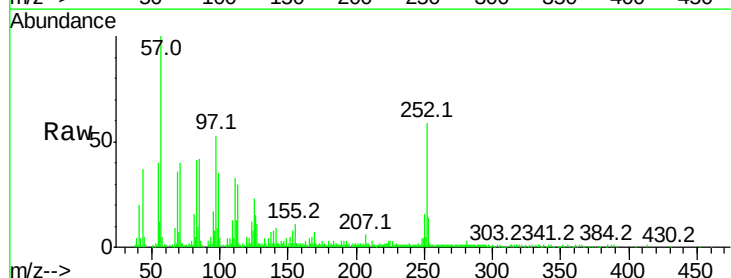
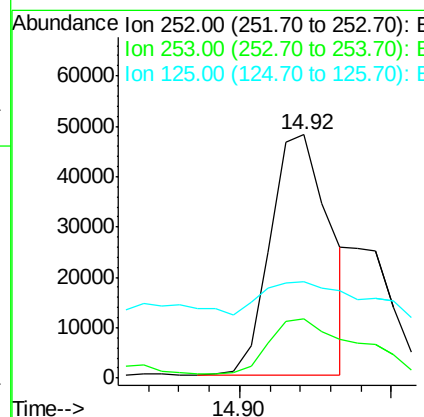
RT: 14.92 min Scan# 2182

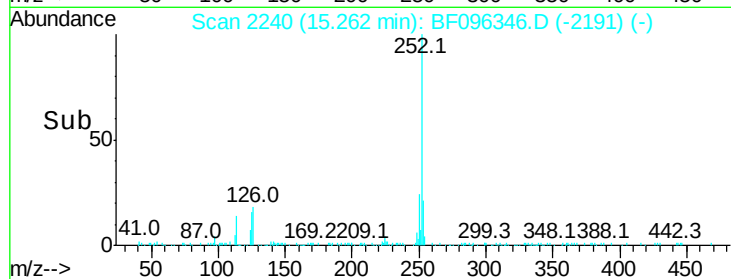
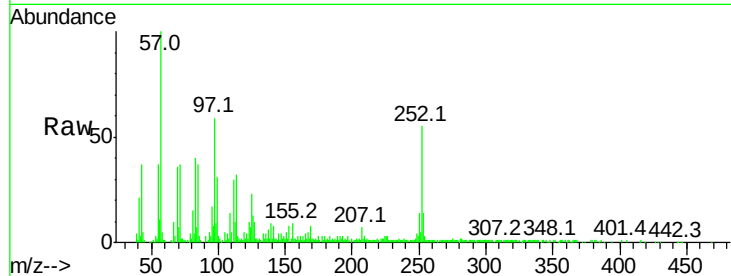
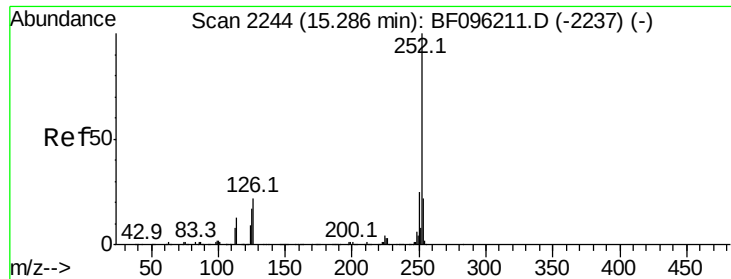
Delta R.T. -0.04 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.3	18.1	27.1	
125	39.5	9.8	14.8	





#89

Benzo(a)pyrene

Concen: 3.24 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF096346.D

Acq: 30 Jun 2017 19:51

Instrument :

BNA_F

ClientSampleId :

BU-03-062717-A

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.8	17.5	26.3	
125	41.6	11.0	16.4	

Manual Integrations
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