

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096420.D
 Acq On : 2 Jul 2017 17:08
 Operator : SJ/MA
 Sample : I3876-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-0203040506-0-11

Manual Integrations
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mohammad
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Quant Time: Jul 03 05:51:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	116579	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	466927	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	183460	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	259588	20.00	ng	0.00
75) Chrysene-d12	13.87	240	205490	20.00	ng	0.00
86) Perylene-d12	15.29	264	145165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	819543	103.76	ng	0.00
7) Phenol-d6	6.37	99	1000283	103.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	545147	70.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	146183	102.01	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	601264	56.04	ng	0.00
78) Terphenyl-d14	12.83	244	359371	37.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	226123	16.511	ng	Qvalue # 98
70) Phenanthrene	11.27	178	86465	6.162	ng	96
74) Fluoranthene	12.45	202	114725	8.339	ng	97
77) Pyrene	12.68	202	113454	6.878	ng	97
80) Benzo(a)anthracene	13.86	228	46759	3.929	ng	98
82) Chrysene	13.90	228	45316	3.637	ng	99
87) Benzo(b)fluoranthene	14.88	252	43643m	4.798	ng	
89) Benzo(a)pyrene	15.22	252	29568	3.641	ng	# 93
91) Benzo(g,h,i)perylene	17.06	276	15728	2.376	ng	95

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

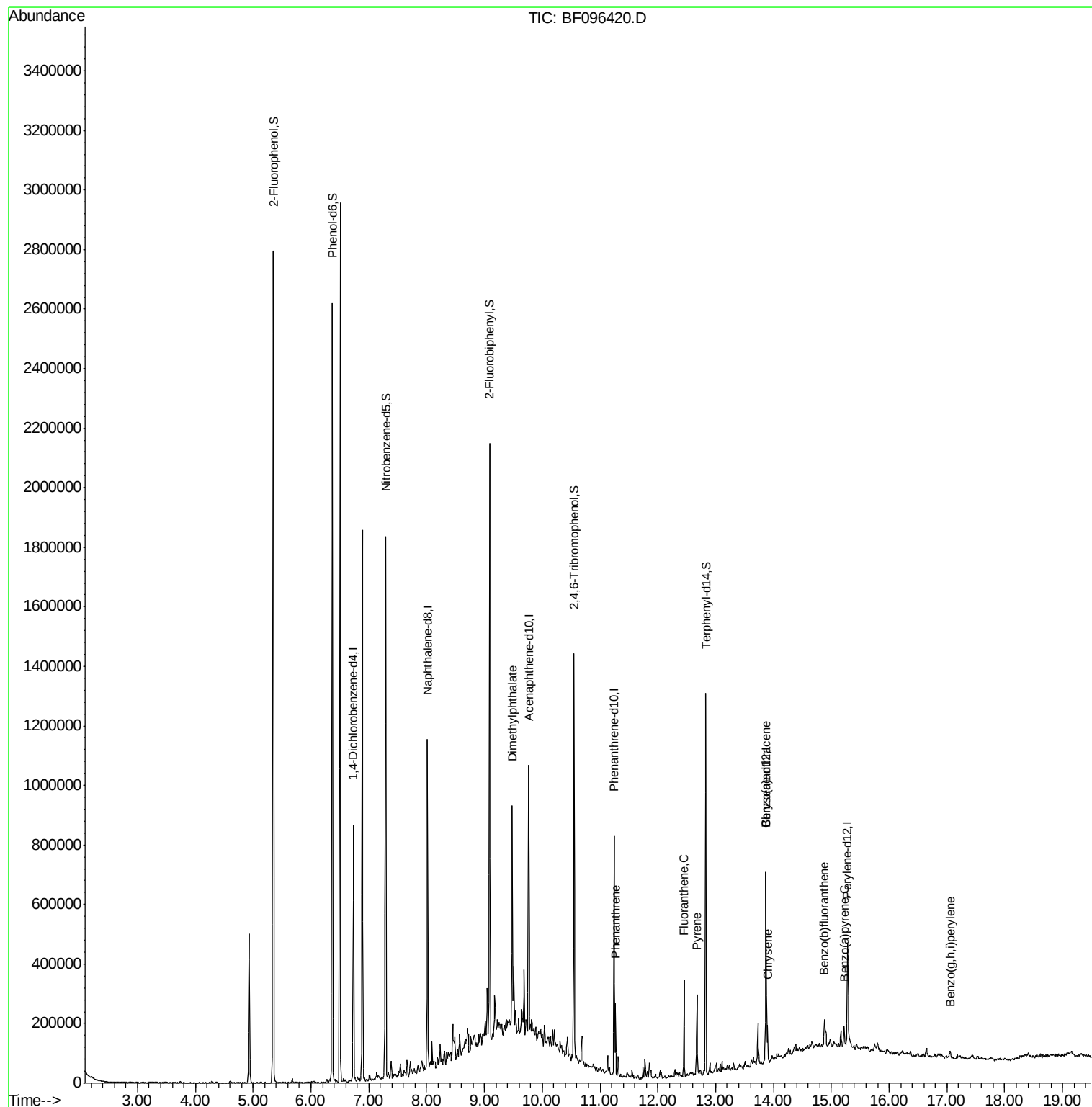
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096420.D
Acq On : 2 Jul 2017 17:08
Operator : SJ/MA
Sample : I3876-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

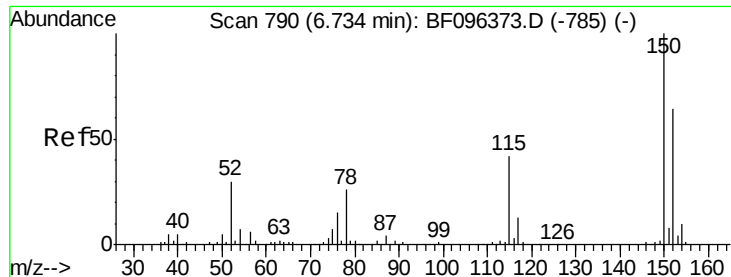
Instrument :
BNA_F
ClientSampleId :
CAN-SB-0203040506-0-11

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Quant Time: Jul 03 05:51:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

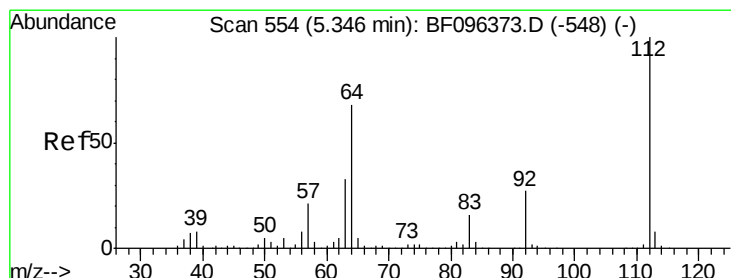
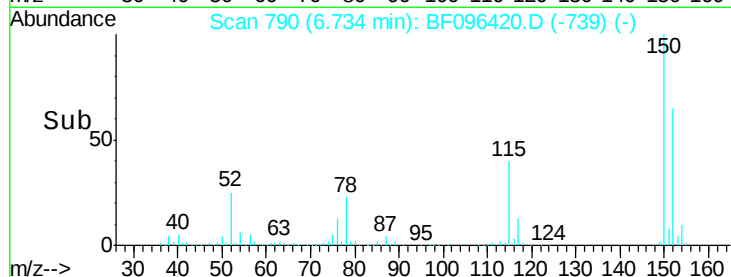
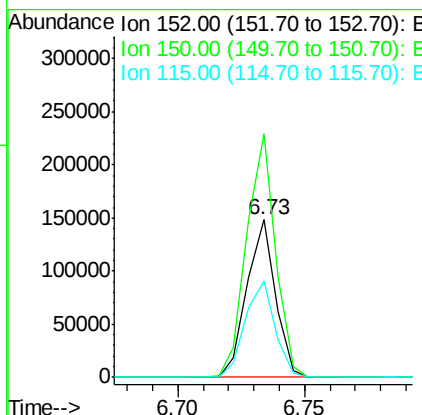
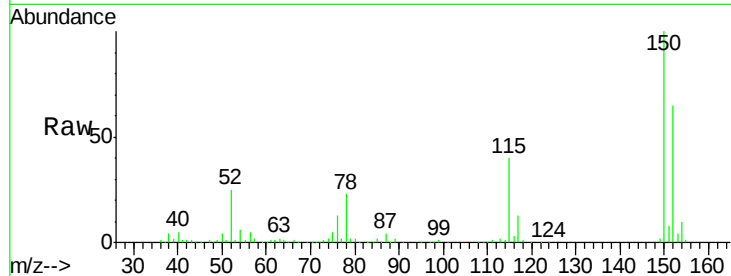
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

Instrument :
BNA_F
ClientSampleId :
CAN-SB-0203040506-0-11

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	61.2	52.2	78.2

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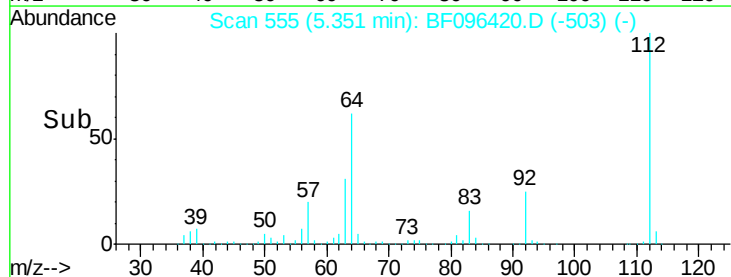
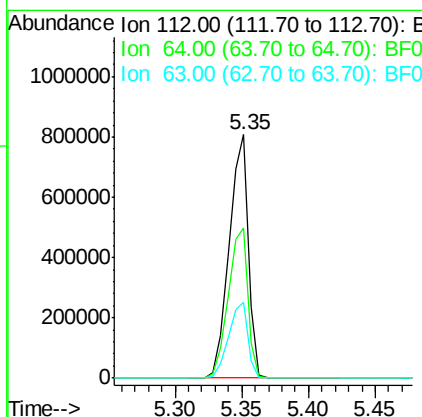
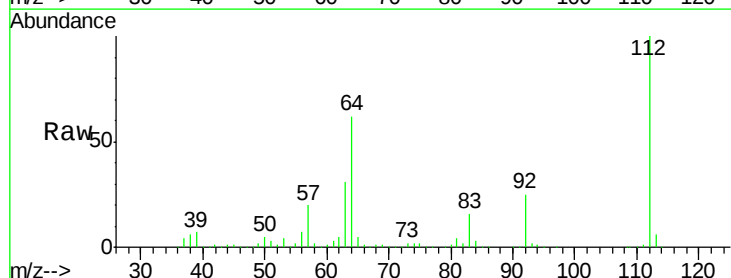
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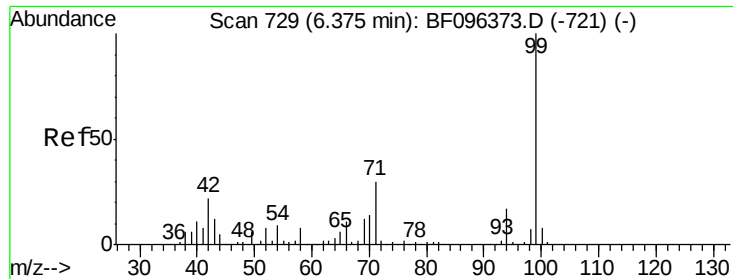


#5

2-Fluorophenol
Concen: 103.760 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.0	69.0
63	31.1	23.4	35.0





#7

Phenol-d6

Concen: 103.014 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096420.D

Acq: 2 Jul 2017 17:08

Instrument :

BNA_F

ClientSampleId :

CAN-SB-0203040506-0-11

Tgt Ion: 99 Resp: 1000283

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

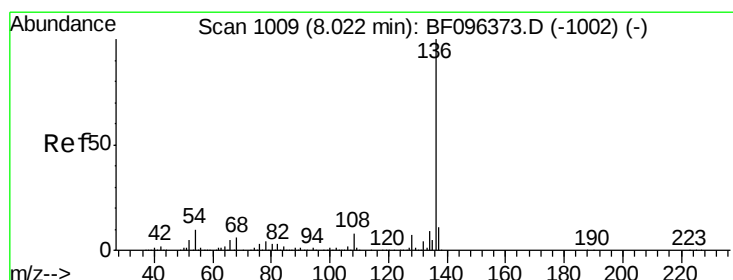
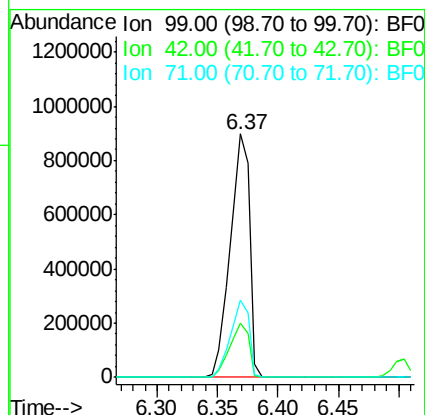
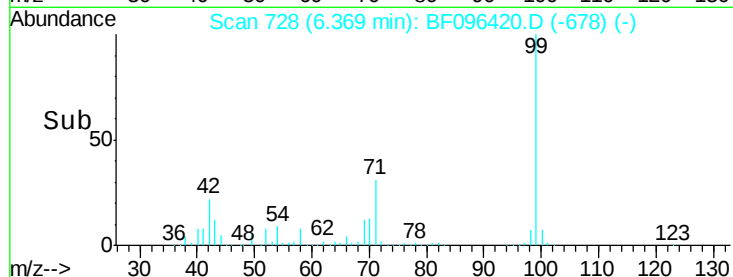
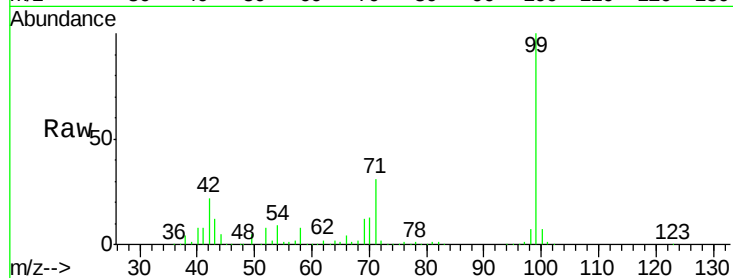
71 31.5 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096420.D

Acq: 2 Jul 2017 17:08

Tgt Ion: 136 Resp: 466927

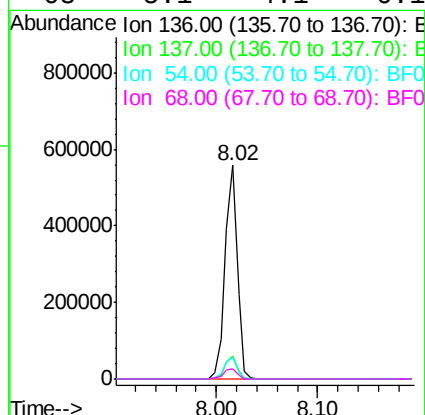
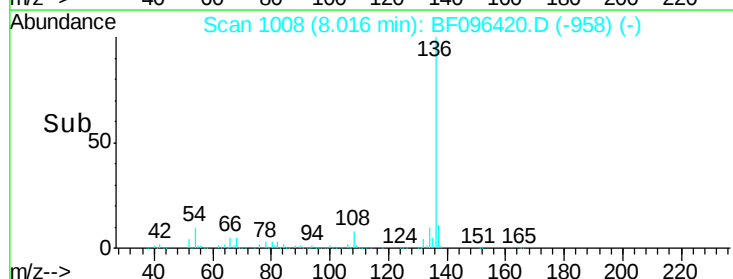
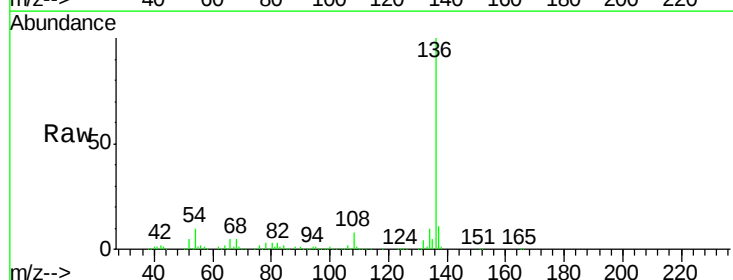
Ion Ratio Lower Upper

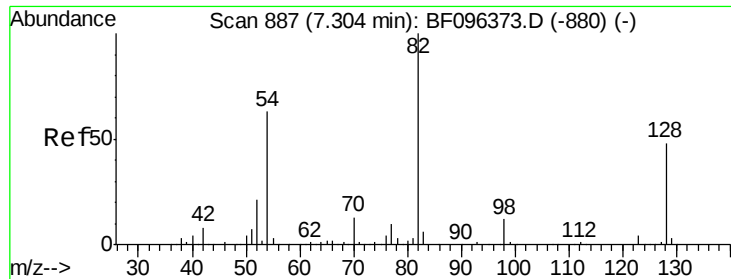
136 100

137 10.9 8.5 12.7

54 9.9 4.9 7.3#

68 5.1 4.1 6.1





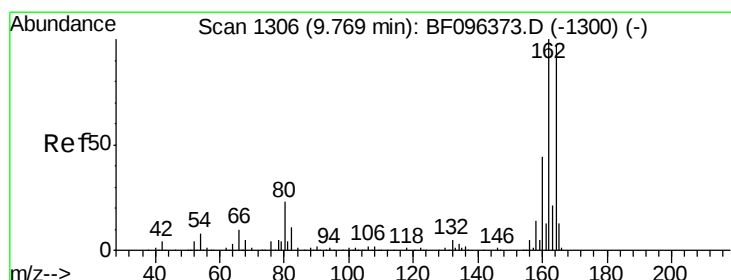
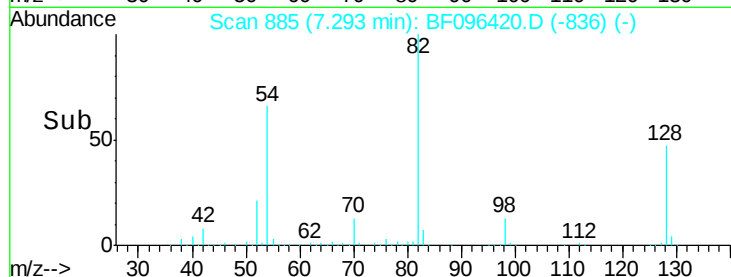
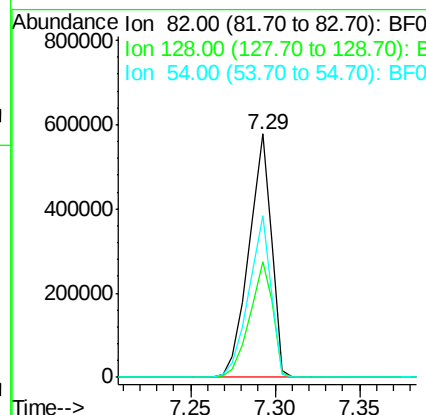
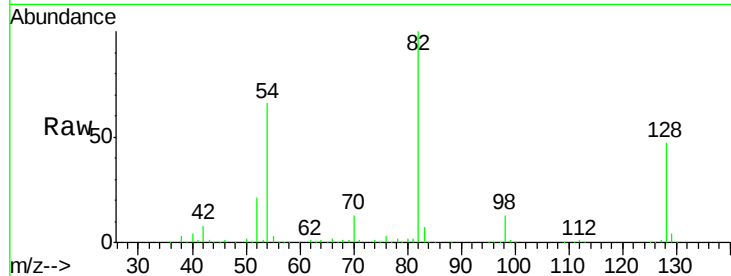
#23
Nitrobenzene-d5
Concen: 70.157 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

Instrument :
BNA_F
ClientSampleId :
CAN-SB-0203040506-0-11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	545147		
128	47.4	34.0	51.0	
54	66.2	42.2	63.2	

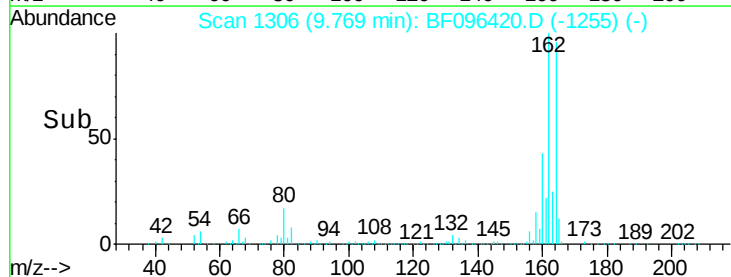
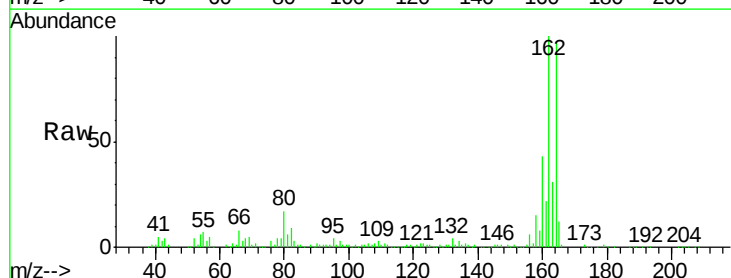
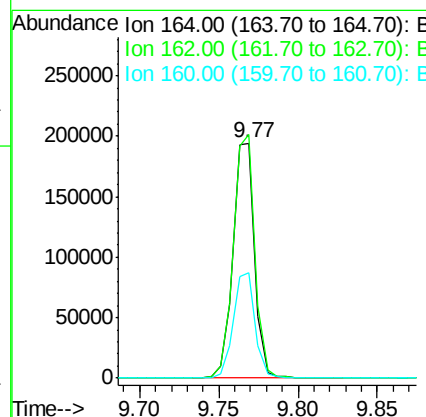
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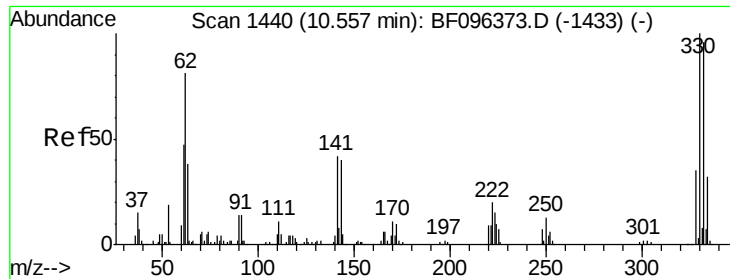
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183460		
162	103.5	82.6	123.8	
160	44.9	36.2	54.2	





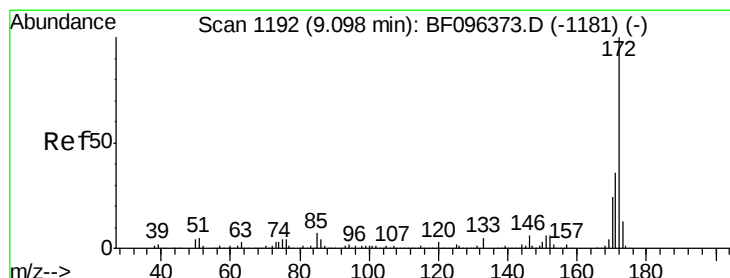
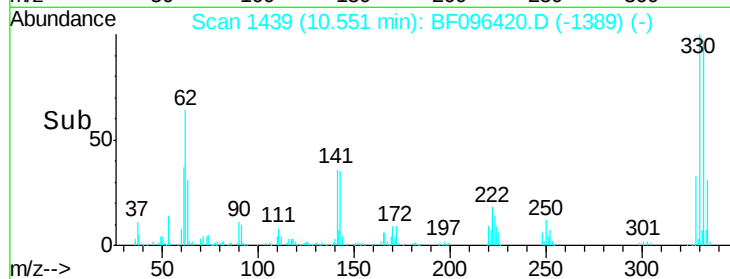
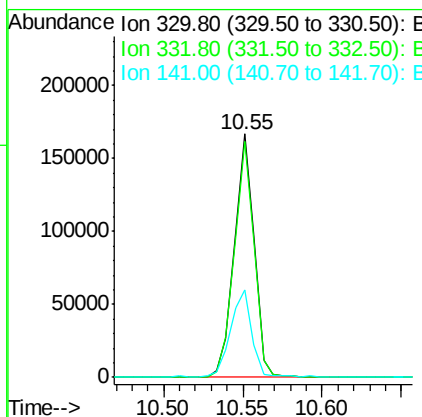
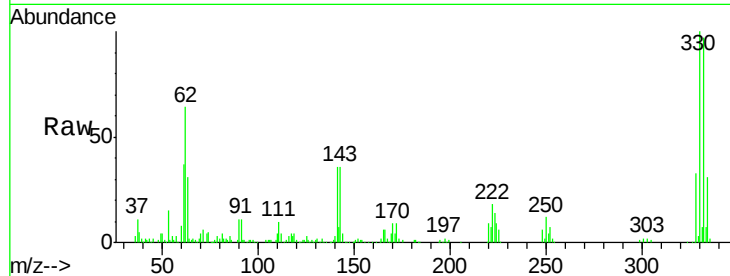
#41
 2,4,6-Tribromophenol
 Concen: 102.008 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096420.D
 Acq: 2 Jul 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-0203040506-0-11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146183		
332	97.1	76.6	115.0	
141	37.9	31.4	47.2	

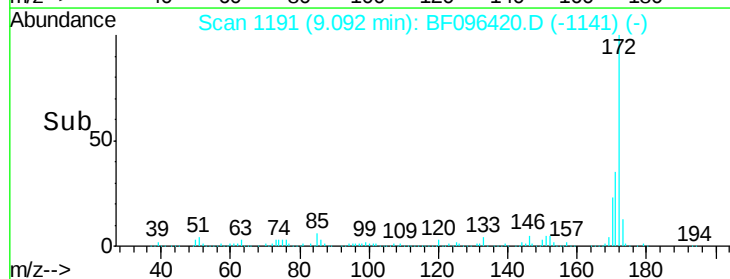
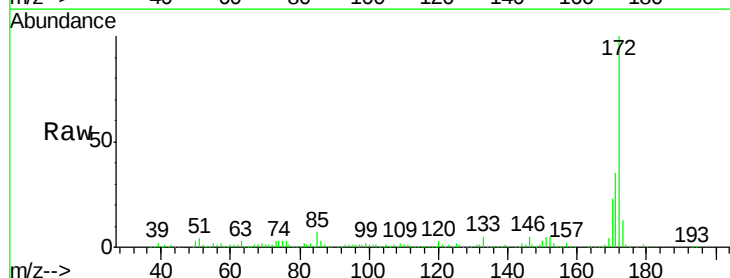
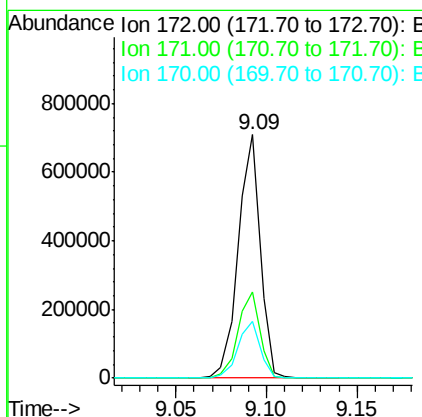
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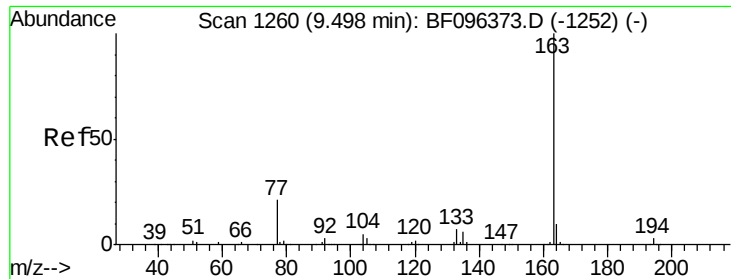
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#44
 2-Fluorobiphenyl
 Concen: 56.035 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096420.D
 Acq: 2 Jul 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	601264		
171	35.3	29.6	44.4	
170	23.4	19.8	29.8	





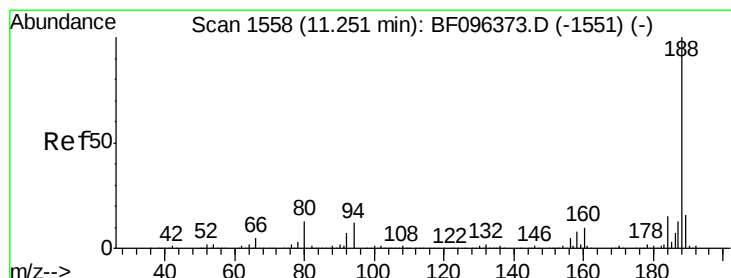
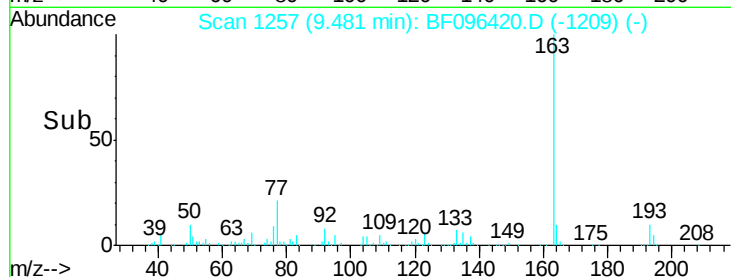
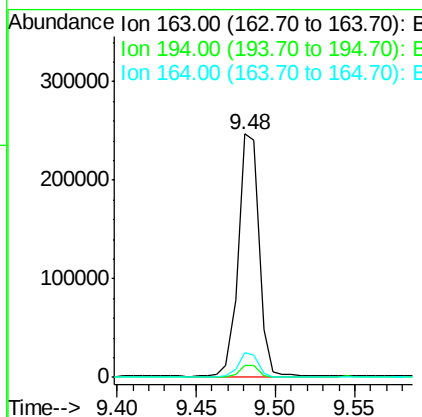
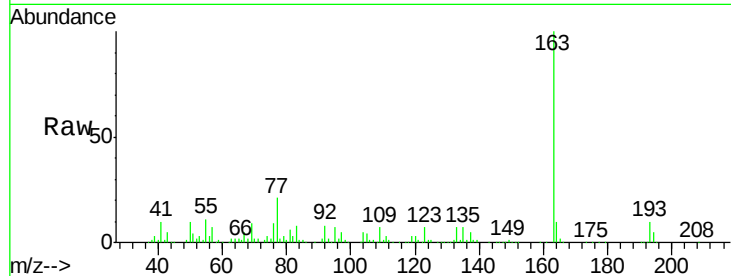
#49
Dimethylphthalate
Concen: 16.511 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

Instrument :
BNA_F
ClientSampleId :
CAN-SB-0203040506-0-11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	226123		
194	4.9	2.6	4.0#	
164	10.2	8.4	12.6	

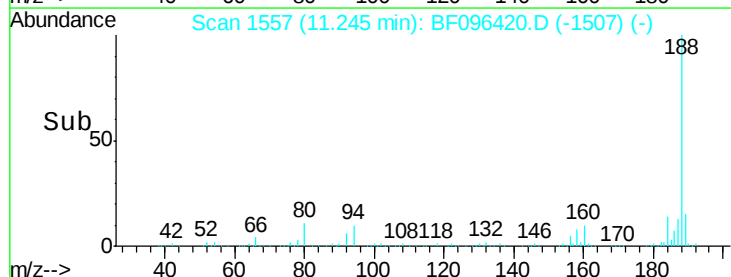
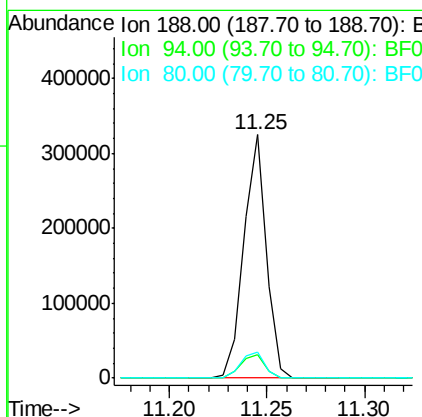
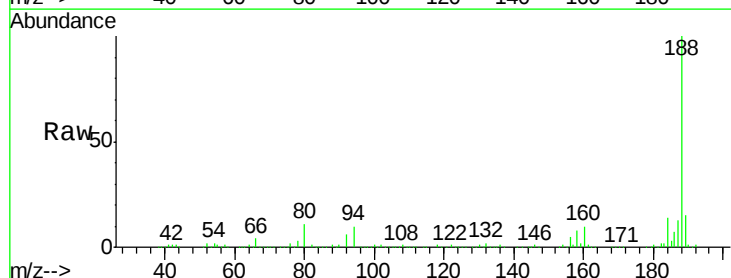
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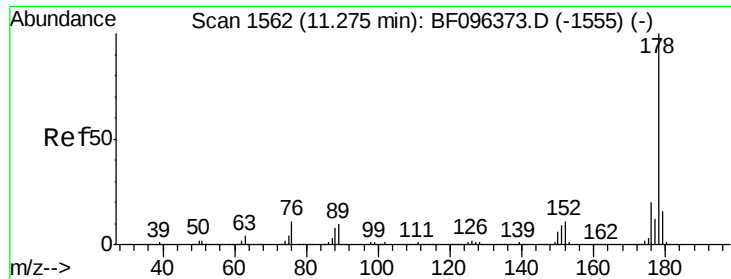
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

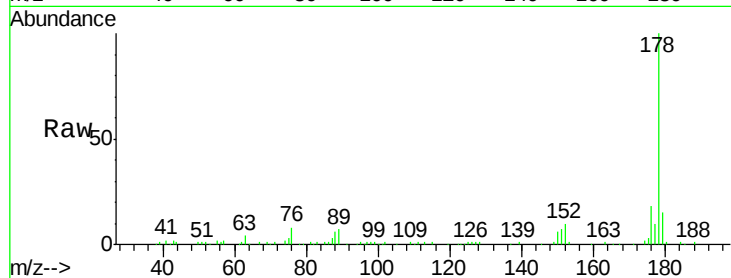
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	259588		
94	9.8	9.4	14.2	
80	10.7	10.2	15.2	





#70
Phenanthrene
Concen: 6.162 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

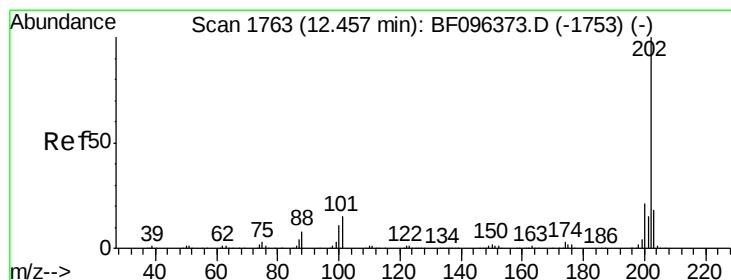
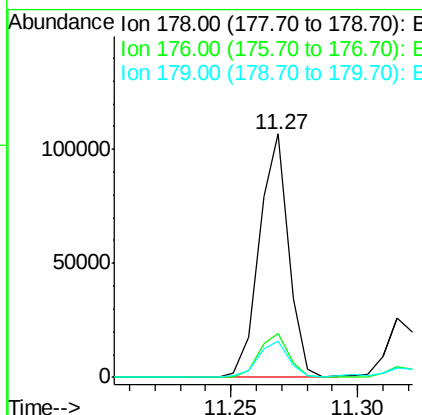
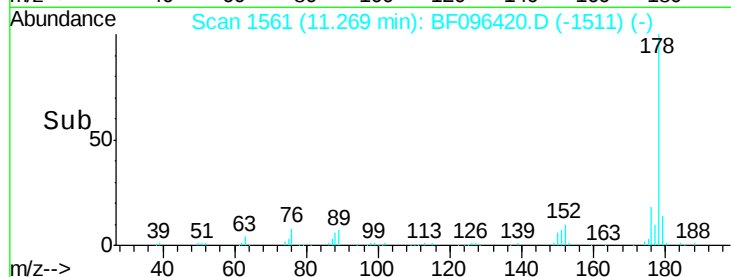
Instrument :
BNA_F
ClientSampleId :
CAN-SB-0203040506-0-11



Tgt Ion:178 Resp: 86465
Ion Ratio Lower Upper
178 100
176 18.3 16.2 24.4
179 14.7 12.6 19.0

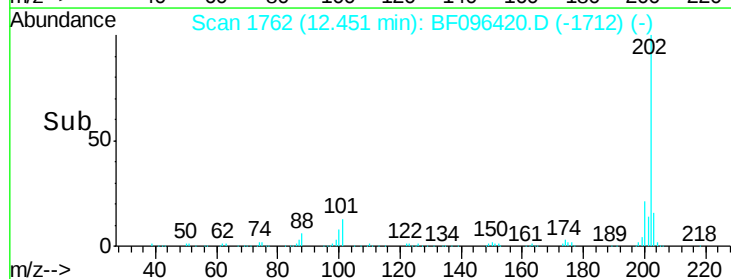
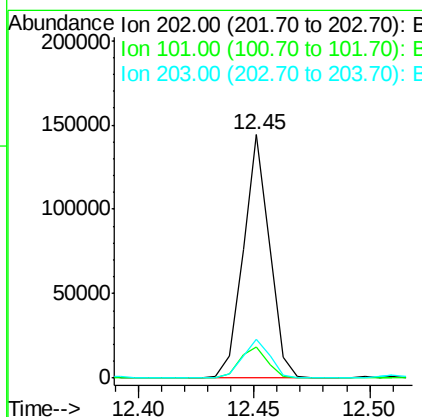
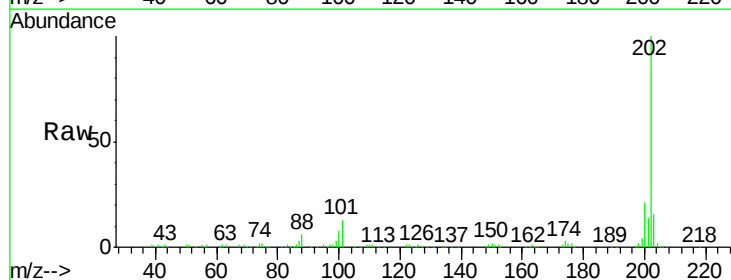
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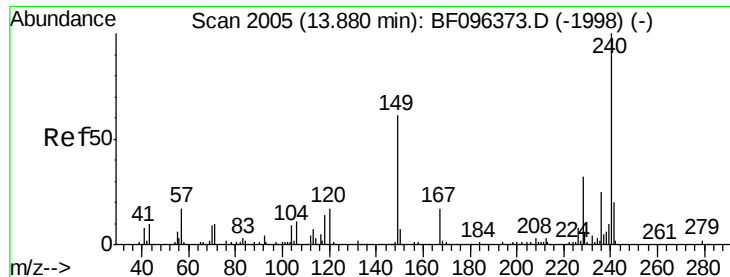
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#74
Fluoranthene
Concen: 8.339 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

Tgt Ion:202 Resp: 114725
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.2
203 15.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096420.D

Acq: 2 Jul 2017 17:08

Instrument :

BNA_F

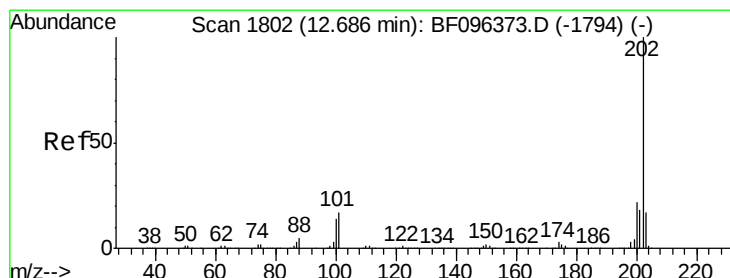
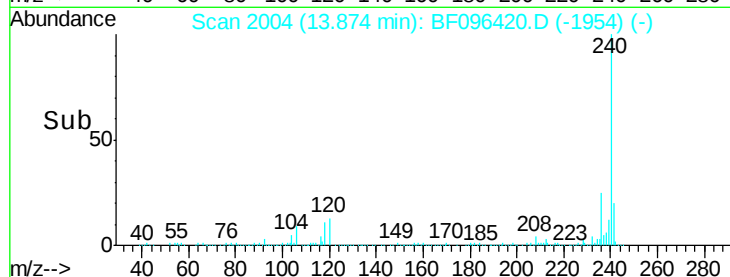
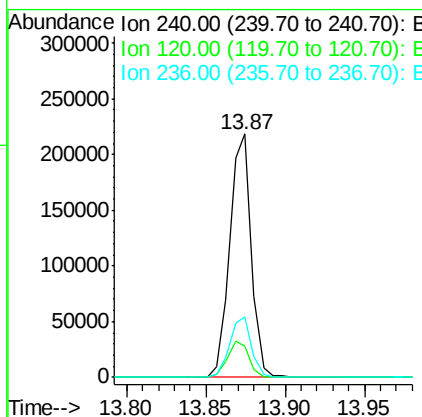
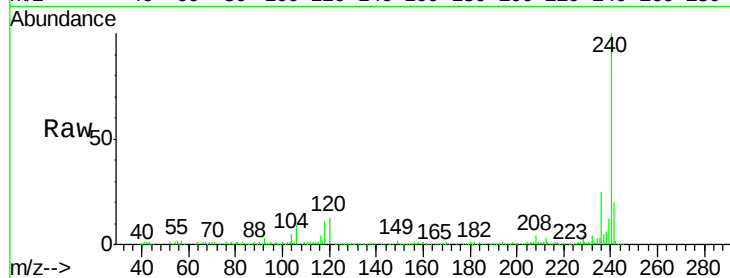
ClientSampleId :

CAN-SB-0203040506-0-11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	24.7	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 6.878 ng

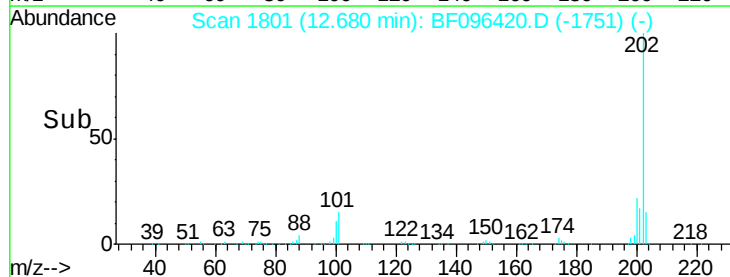
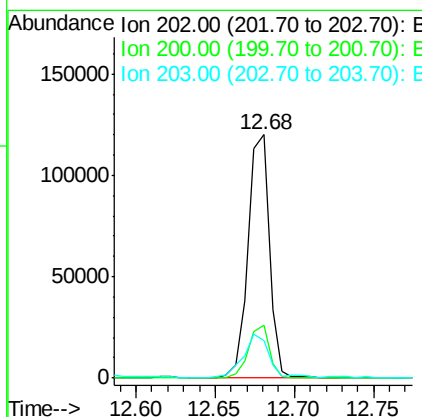
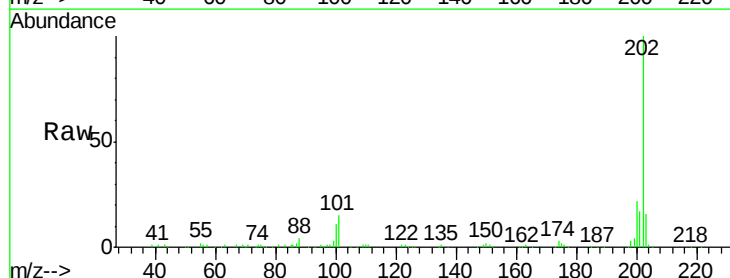
RT: 12.68 min Scan# 1801

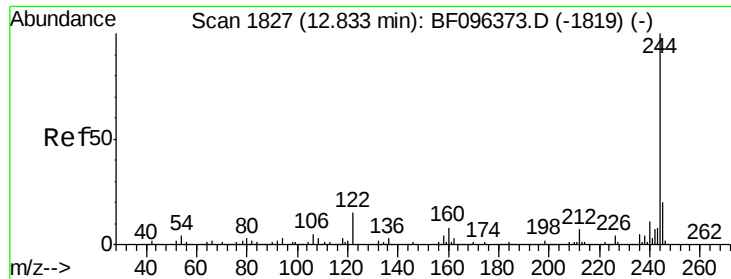
Delta R.T. -0.01 min

Lab File: BF096420.D

Acq: 2 Jul 2017 17:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	15.6	14.4	21.6





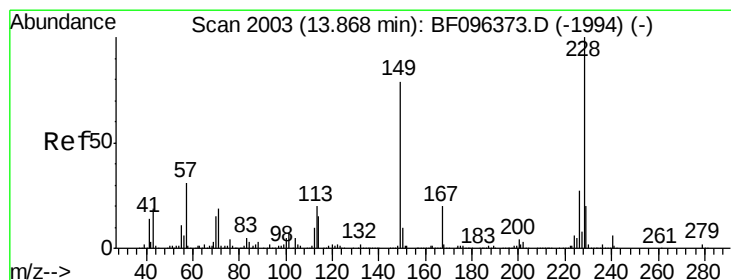
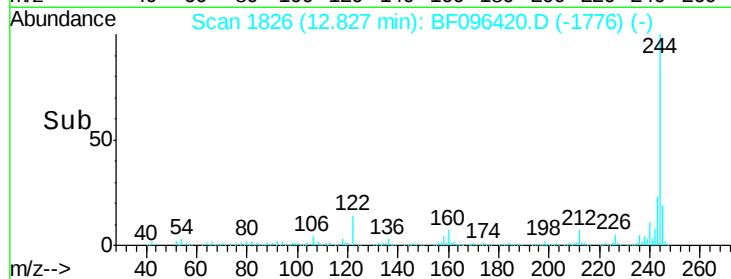
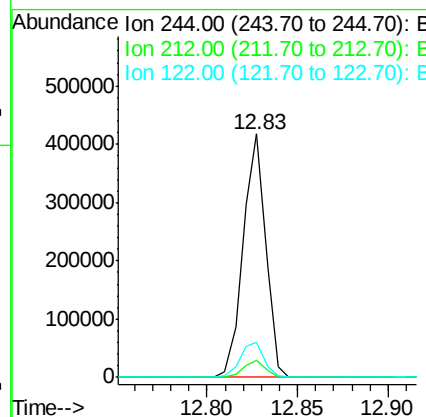
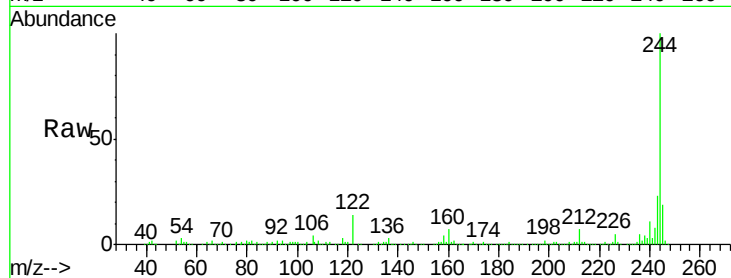
#78
 Terphenyl-d14
 Concen: 37.370 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096420.D
 Acq: 2 Jul 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-0203040506-0-11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.3	10.3	15.5

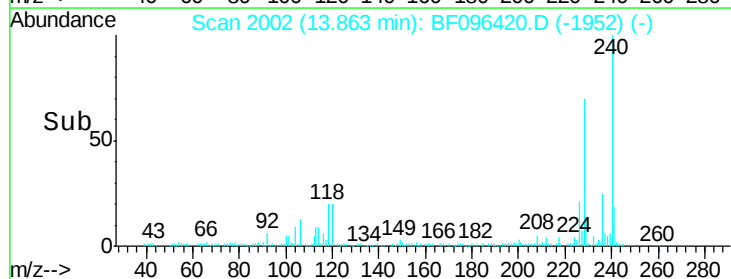
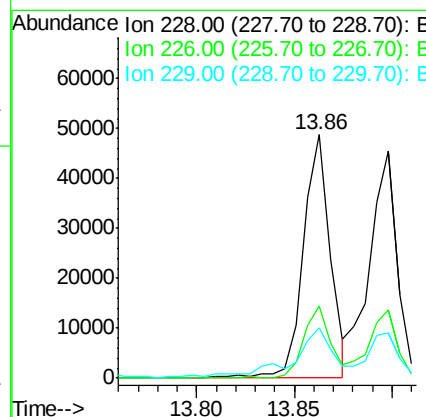
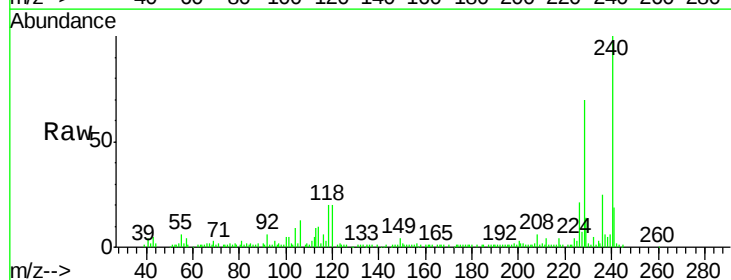
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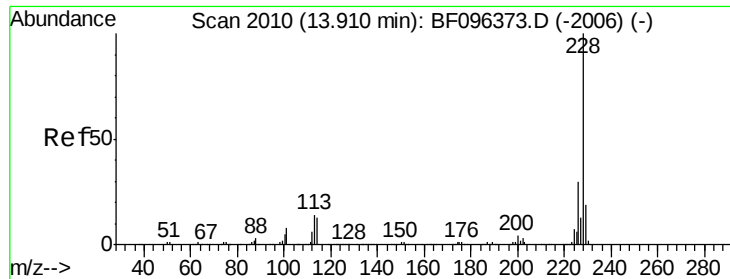
mohammad
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#80
 Benzo(a)anthracene
 Concen: 3.929 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096420.D
 Acq: 2 Jul 2017 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.6	16.3	24.5





#82

Chrysene

Concen: 3.637 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096420.D

Acq: 2 Jul 2017 17:08

Instrument :

BNA_F

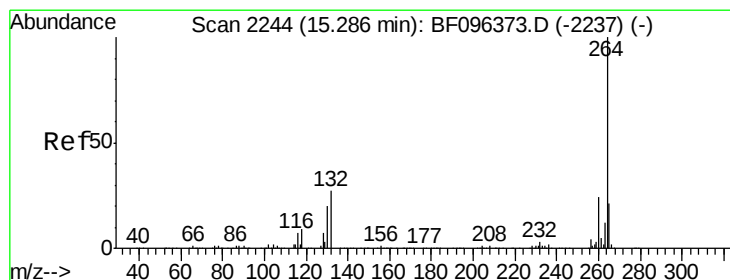
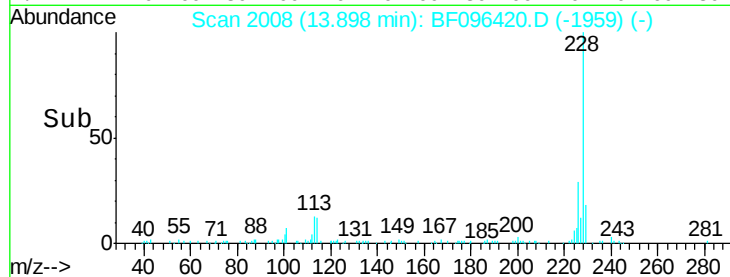
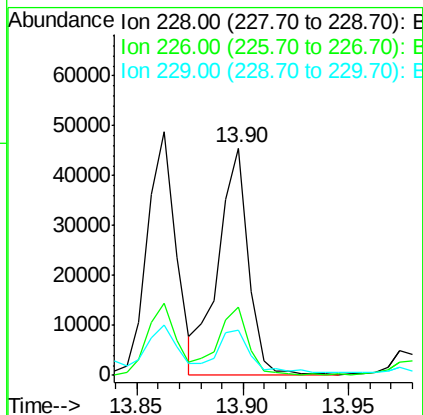
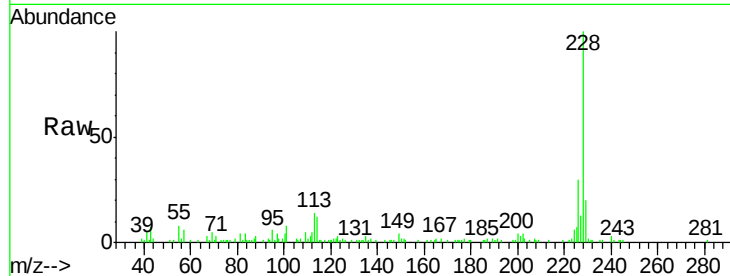
ClientSampleId :

CAN-SB-0203040506-0-11

Tgt Ion:	228	Resp:	45316
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	20.0	15.8	23.6

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#86

Perylene-d12

Concen: 20.000 ng

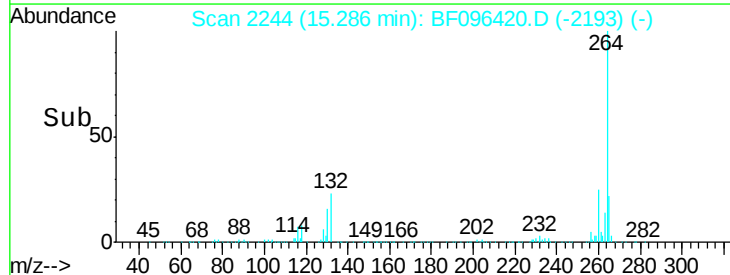
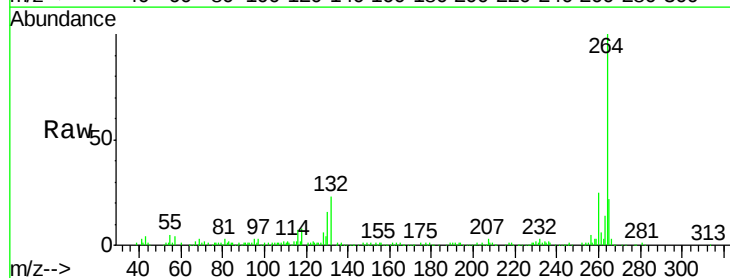
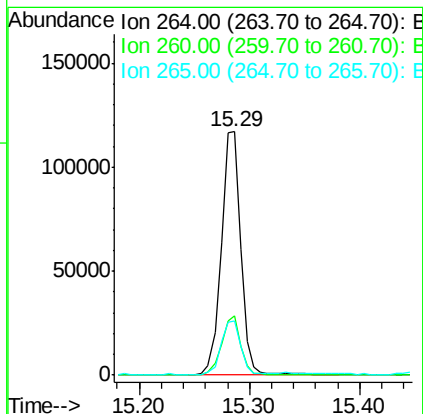
RT: 15.29 min Scan# 2244

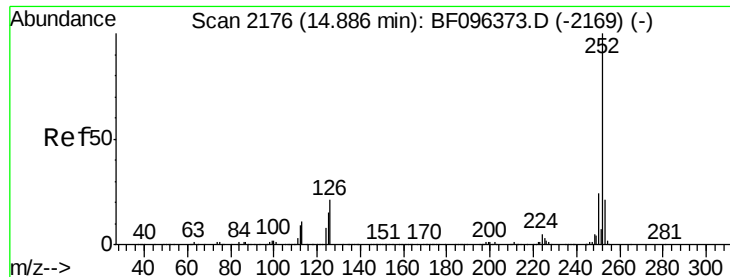
Delta R.T. 0.00 min

Lab File: BF096420.D

Acq: 2 Jul 2017 17:08

Tgt Ion:	264	Resp:	145165
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	22.0	17.2	25.8





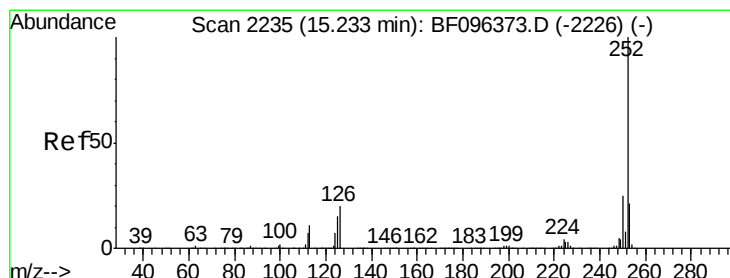
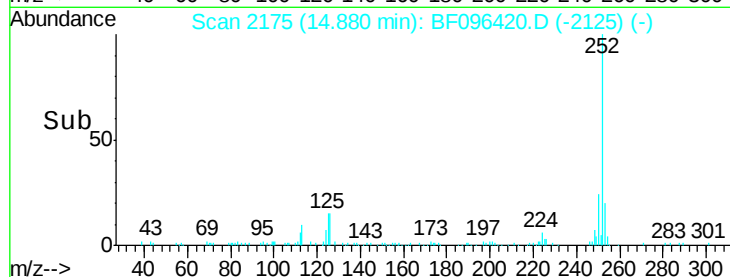
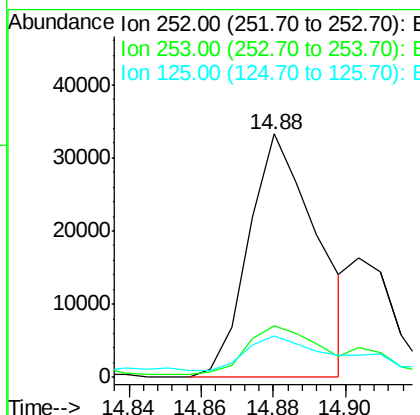
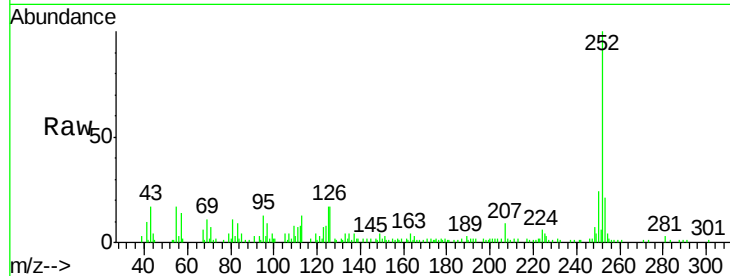
#87
Benzo(b)fluoranthene
Concen: 4.798 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

Instrument :
BNA_F
ClientSampleId :
CAN-SB-0203040506-0-11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	17.1	9.8	14.8#

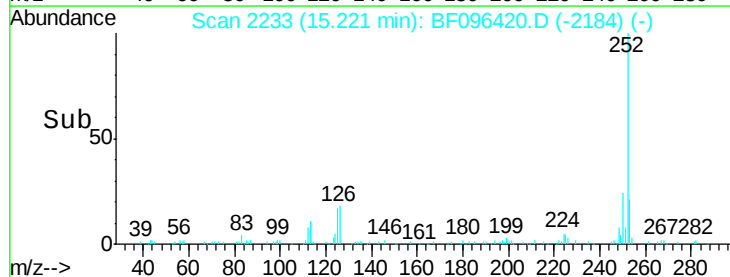
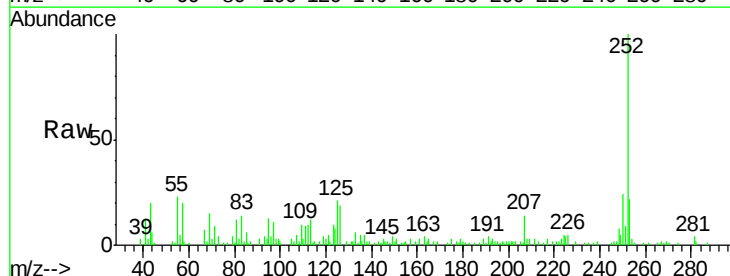
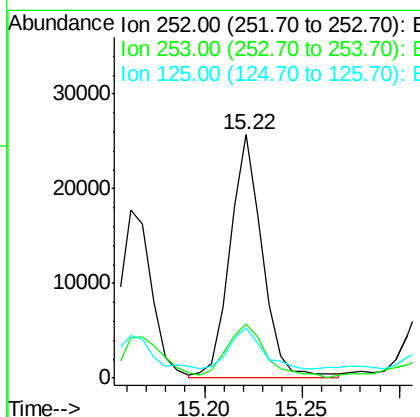
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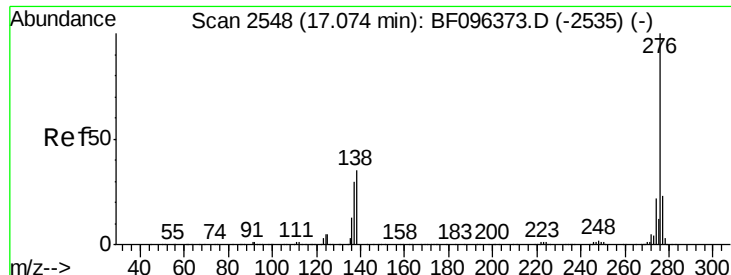
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#89
Benzo(a)pyrene
Concen: 3.641 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096420.D
Acq: 2 Jul 2017 17:08

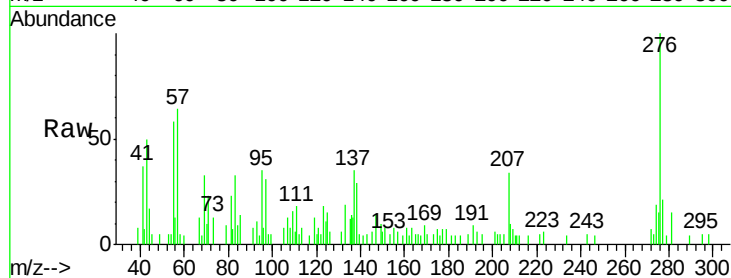
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	20.8	11.0	16.4#





#91
 Benzo(g,h,i)perylene
 Concen: 2.376 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BF096420.D
 Acq: 2 Jul 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-0203040506-0-11



Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	20.9	18.6	28.0	
138	29.1	25.4	38.0	

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