

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096578.D
 Acq On : 8 Jul 2017 00:08
 Operator : SJ/MA
 Sample : I4070-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-E

Manual Integrations
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mohammad
 7/10/2017 2:22:58 PM

Quant Time: Jul 10 03:21:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117439	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	430732	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	173367	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	241376	20.00	ng	0.00
75) Chrysene-d12	13.84	240	215423	20.00	ng	0.00
86) Perylene-d12	15.24	264	138967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	827240	103.97	ng	0.00
7) Phenol-d6	6.34	99	985324	100.73	ng	0.00
23) Nitrobenzene-d5	7.26	82	584371	81.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	139587	103.08	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	837238	82.57	ng	0.00
78) Terphenyl-d14	12.81	244	519076	51.49	ng	0.01
Target Compounds						
10) Phenol	6.35	94	31471	2.824	ng	82
49) Dimethylphthalate	9.45	163	116839	9.028	ng	99
70) Phenanthrene	11.23	178	47505	3.641	ng	97
74) Fluoranthene	12.42	202	90127	7.045	ng	91
77) Pyrene	12.66	202	96799	5.598	ng	97
80) Benzo(a)anthracene	13.83	228	46485	3.726	ng	95
82) Chrysene	13.86	228	52023m	3.982	ng	
87) Benzo(b)fluoranthene	14.84	252	56131m	6.446	ng	
89) Benzo(a)pyrene	15.18	252	30200	3.885	ng	# 79
91) Benzo(g,h,i)perylene	16.99	276	18374	2.899	ng	# 85

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

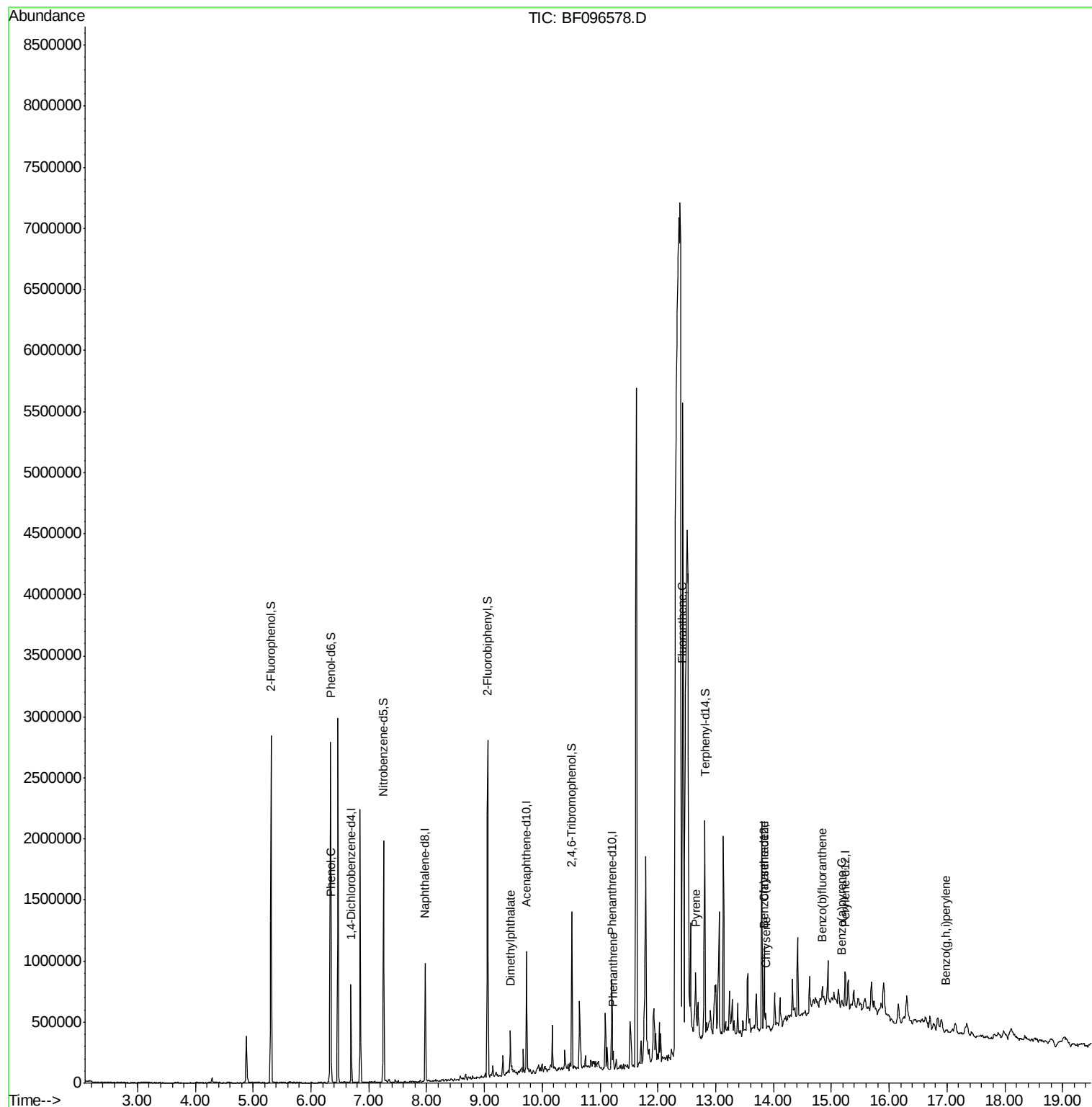
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096578.D
Acq On : 8 Jul 2017 00:08
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#1

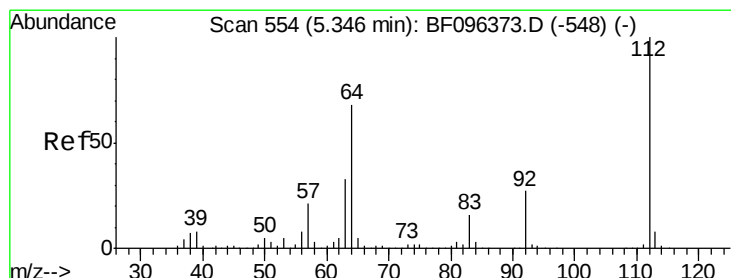
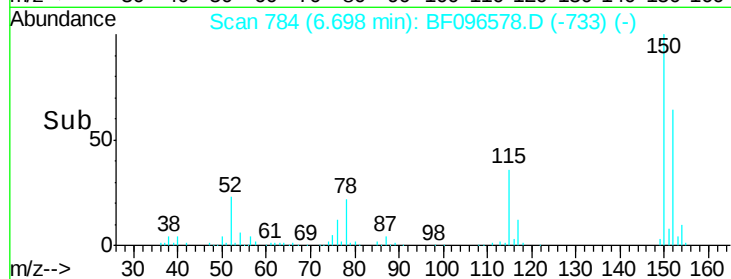
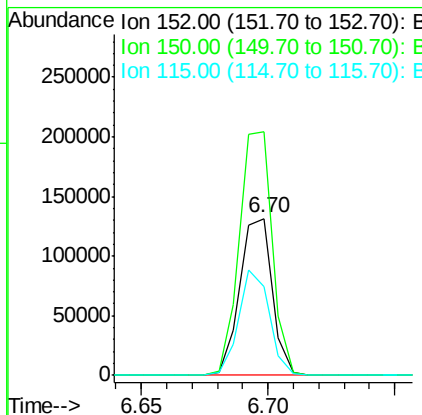
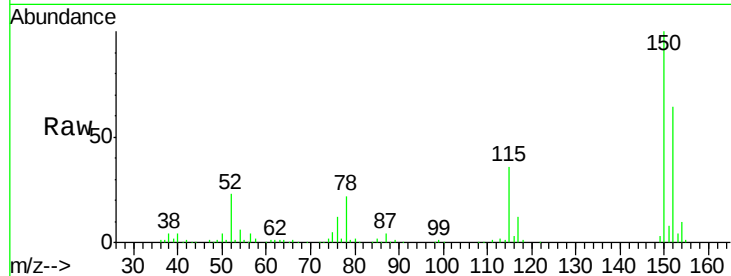
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-E

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	56.5	52.2	78.2

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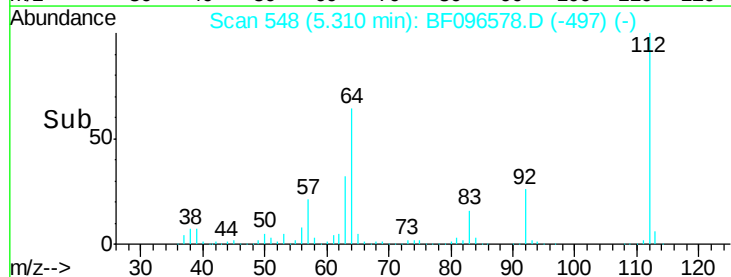
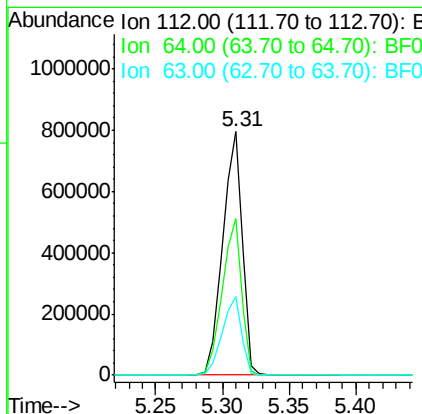
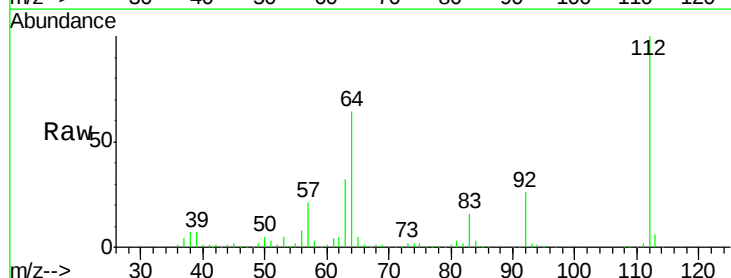
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#5

2-Fluorophenol
Concen: 103.967 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	32.1	23.4	35.0





#7

Phenol-d6

Concen: 100.731 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096578.D

Acq: 8 Jul 2017 00:08

Instrument :

BNA_F

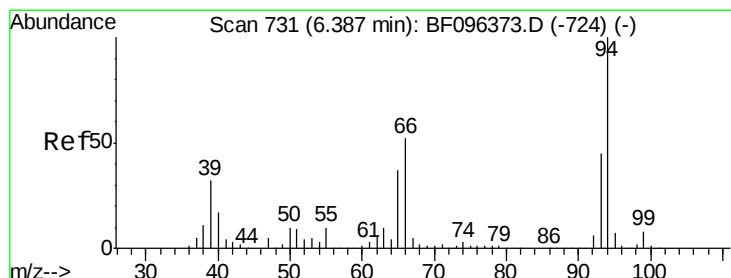
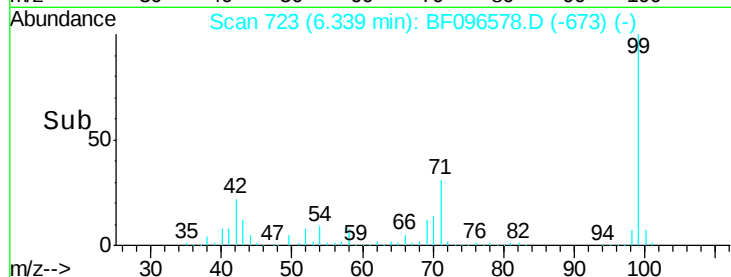
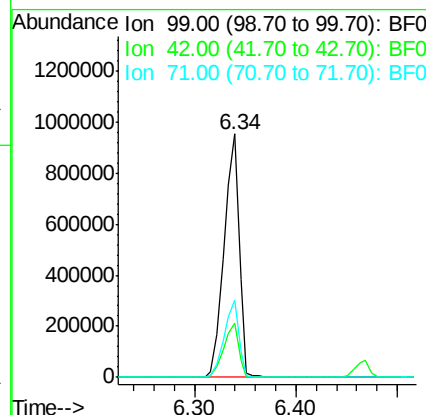
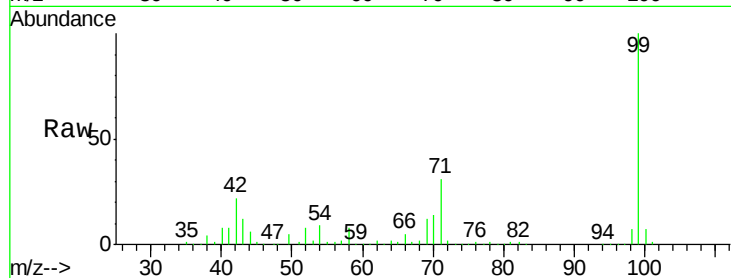
ClientSampleId :

AU-05-070517-E

Tgt Ion:	99	Resp:	985324
Ion Ratio	Lower	Upper	
99	100		
42	22.3	13.5	20.3#
71	31.5	24.5	36.7

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#10

Phenol

Concen: 2.824 ng

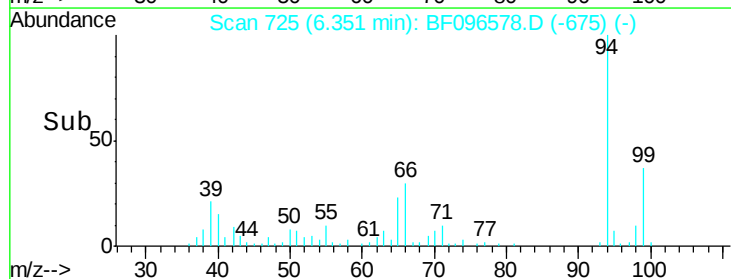
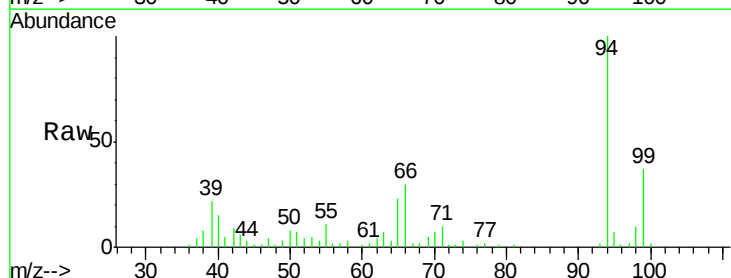
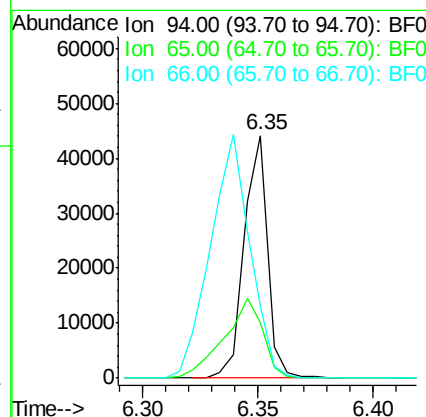
RT: 6.35 min Scan# 725

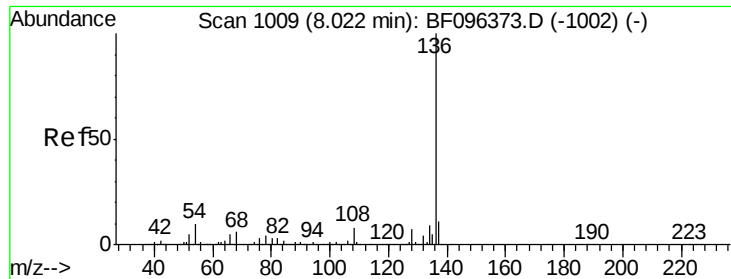
Delta R.T. -0.01 min

Lab File: BF096578.D

Acq: 8 Jul 2017 00:08

Tgt Ion:	94	Resp:	31471
Ion Ratio	Lower	Upper	
94	100		
65	22.7	9.9	49.9
66	29.9	23.1	63.1





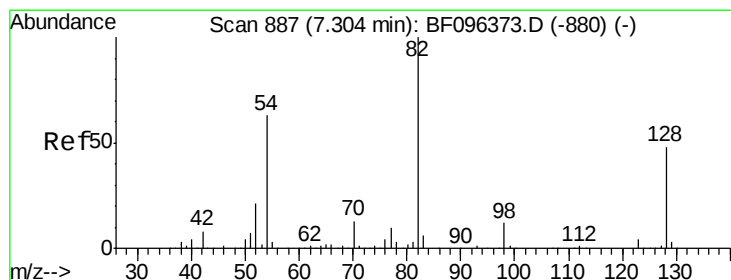
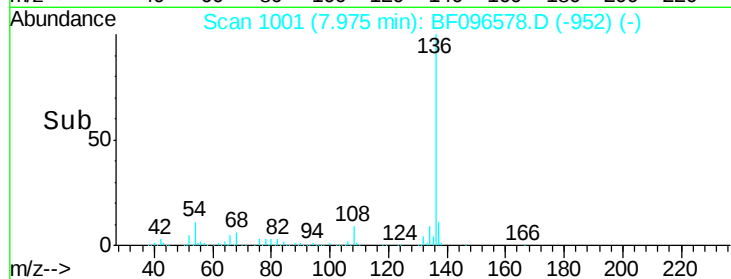
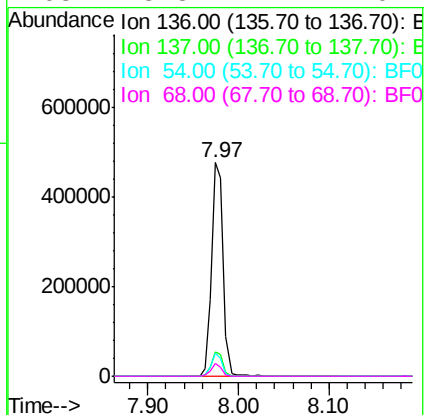
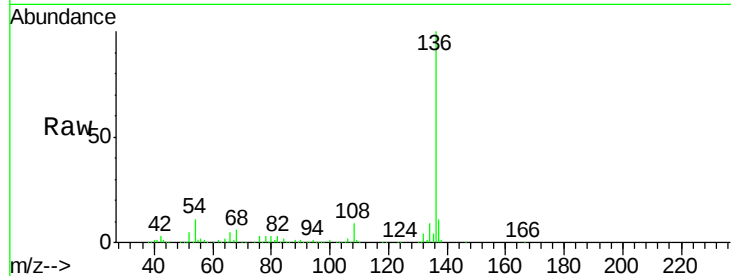
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-E

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	430732		
137	11.2	8.5	12.7	
54	10.7	4.9	7.3#	
68	5.8	4.1	6.1	

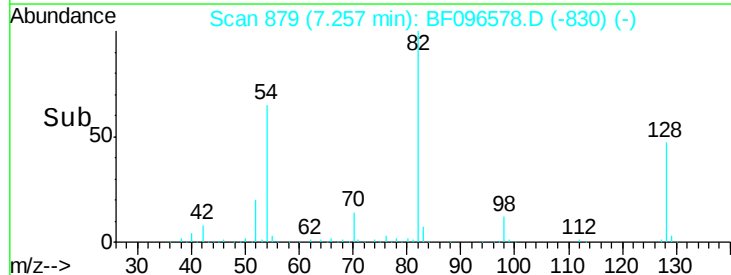
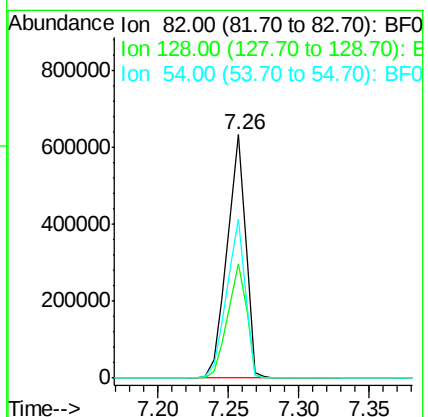
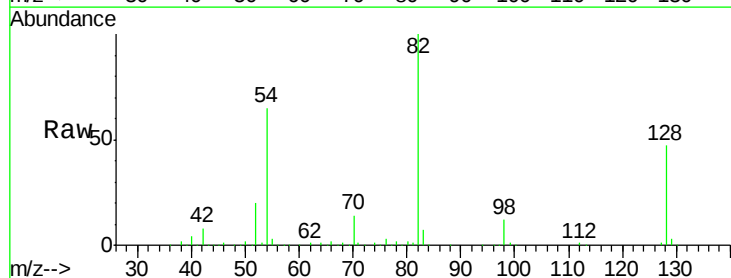
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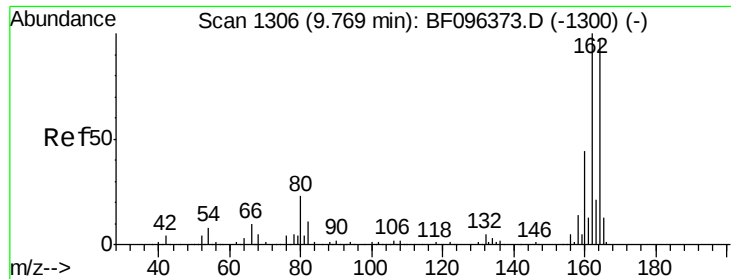
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#23
Nitrobenzene-d5
Concen: 81.525 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	584371		
128	47.1	34.0	51.0	
54	65.2	42.2	63.2#	





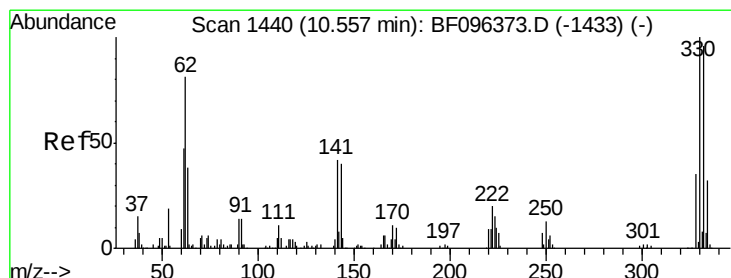
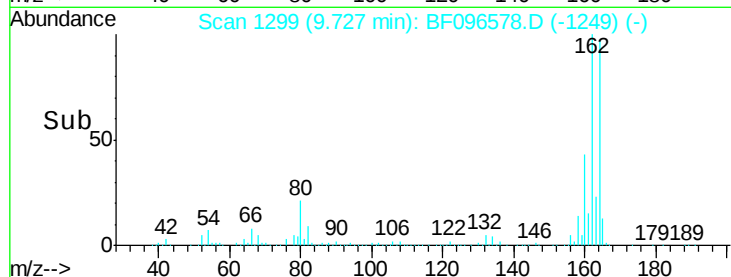
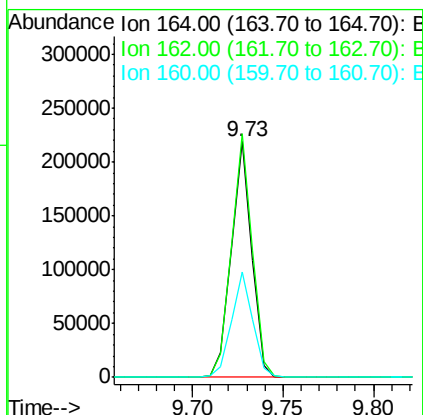
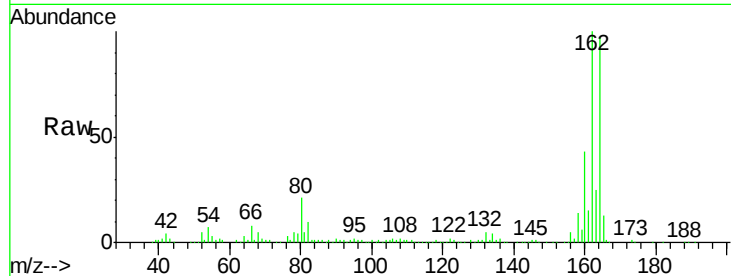
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096578.D
 Acq: 8 Jul 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-E

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173367		
162	103.2	82.6	123.8	
160	44.6	36.2	54.2	

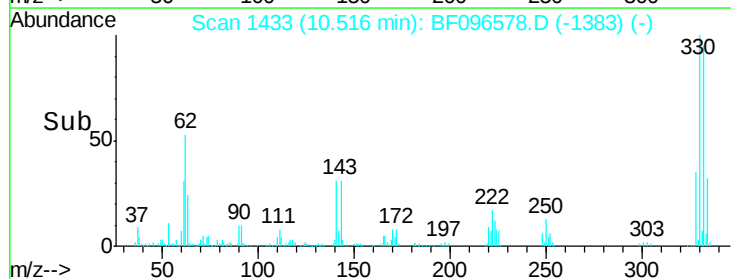
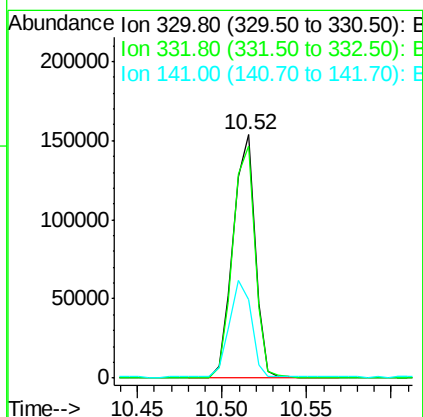
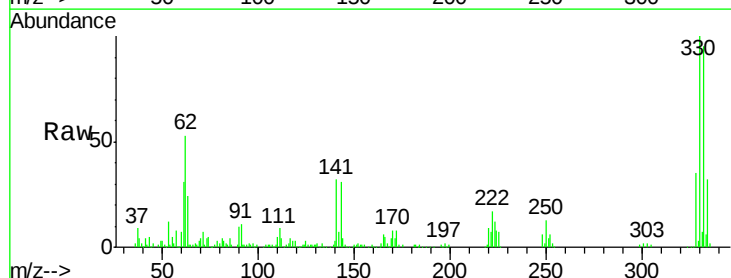
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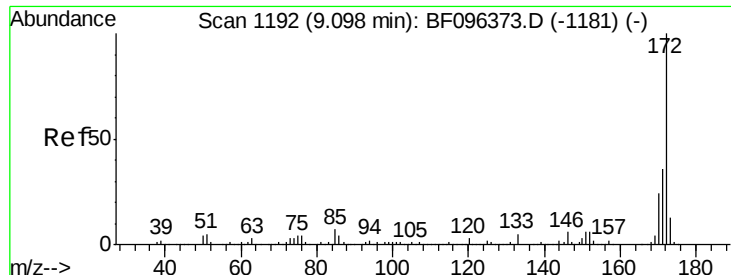
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#41
 2,4,6-Tribromophenol
 Concen: 103.076 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096578.D
 Acq: 8 Jul 2017 00:08

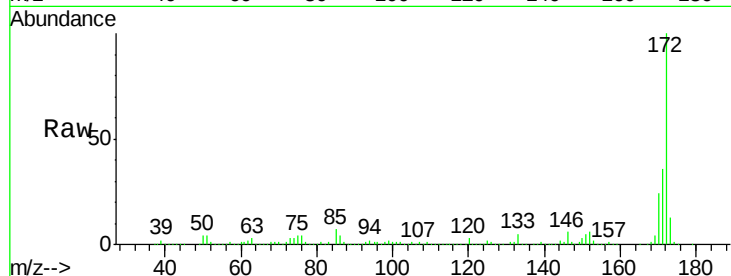
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	139587		
332	96.5	76.6	115.0	
141	39.8	31.4	47.2	





#44
2-Fluorobiphenyl
Concen: 82.570 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

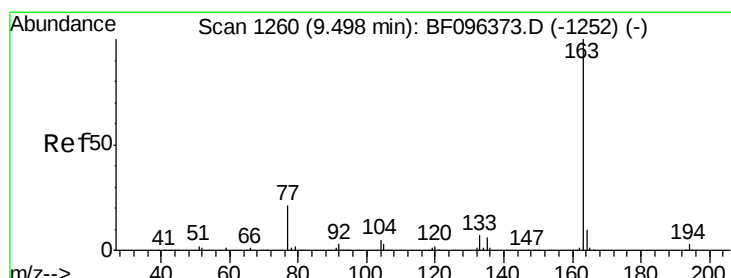
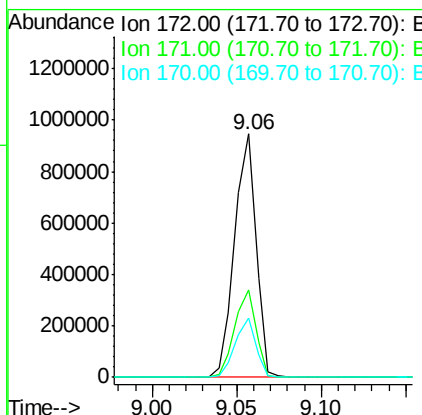
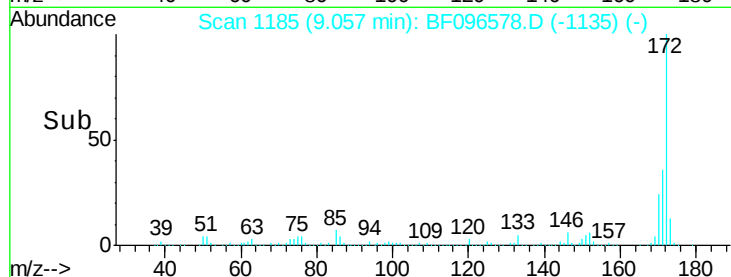
Instrument :
BNA_F
ClientSampleId :
AU-05-070517-E



Tgt Ion:172 Resp: 837238
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.8 29.8

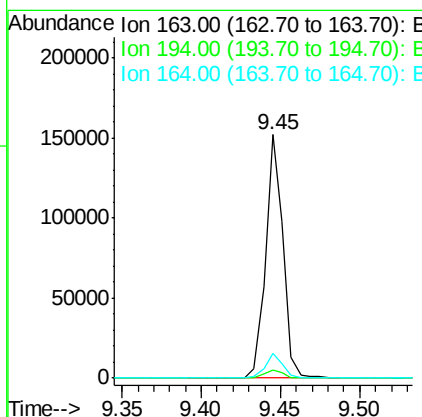
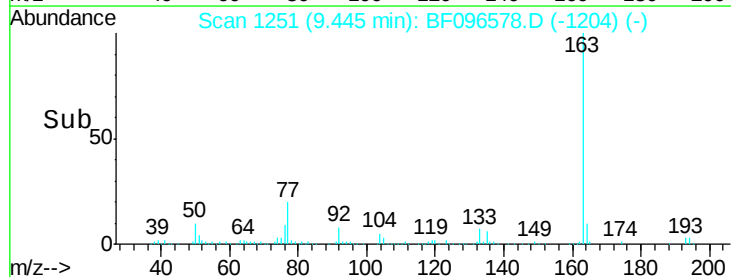
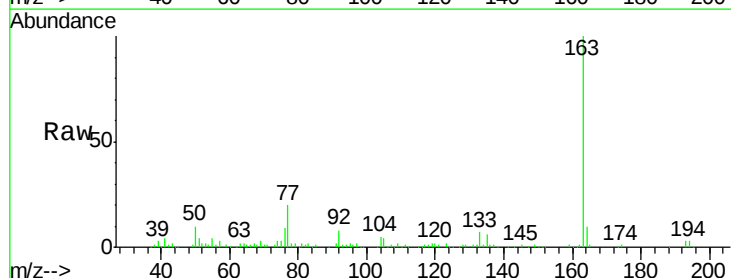
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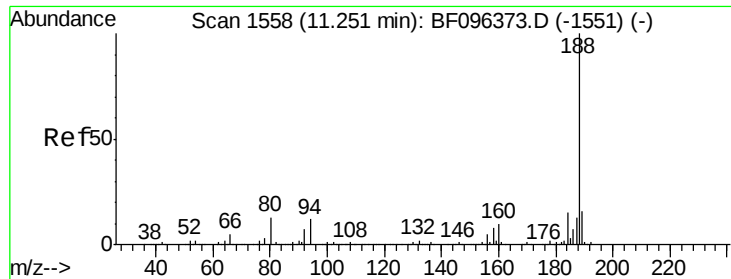
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#49
Dimethylphthalate
Concen: 9.028 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:163 Resp: 116839
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF096578.D

Acq: 8 Jul 2017 00:08

Instrument :

BNA_F

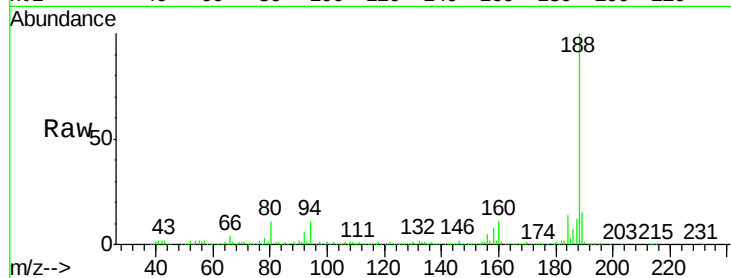
ClientSampleId :

AU-05-070517-E

Tgt Ion:	188	Resp:	241376
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.4	14.2
80	11.5	10.2	15.2

Manual Integrations
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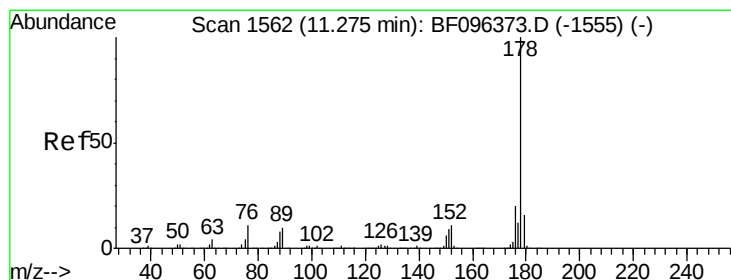
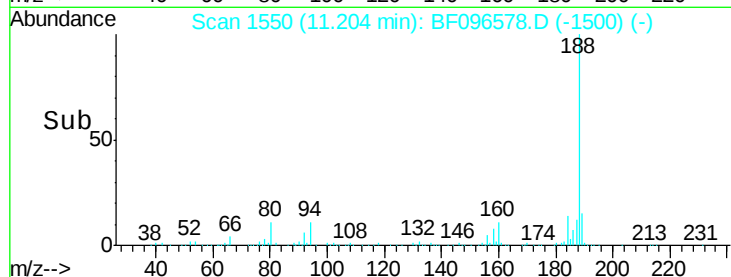
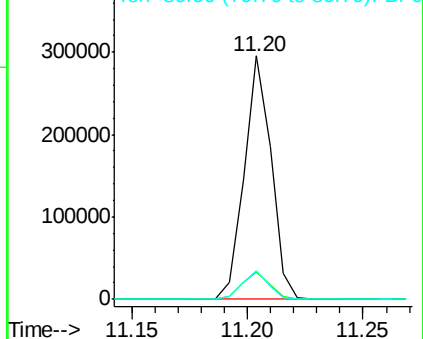
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 3.641 ng

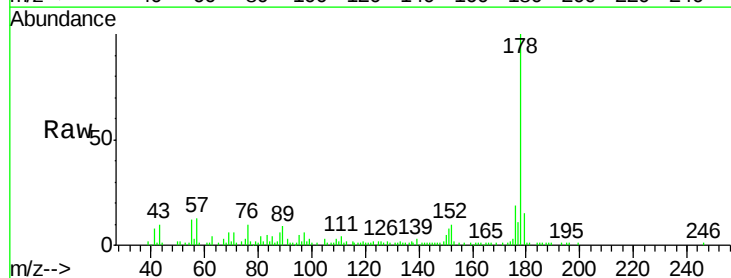
RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096578.D

Acq: 8 Jul 2017 00:08

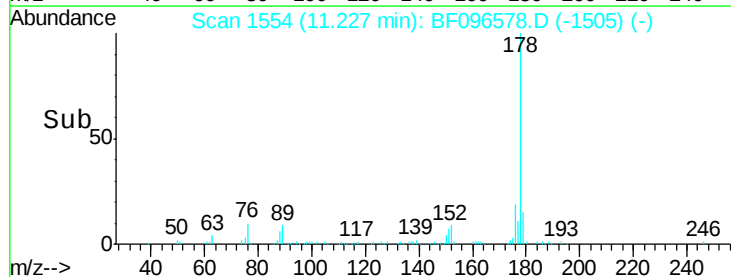
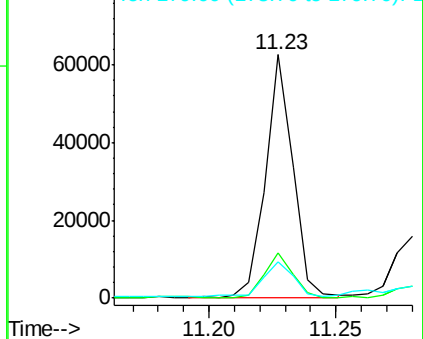
Tgt Ion:	178	Resp:	47505
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.2	24.4
179	15.1	12.6	19.0

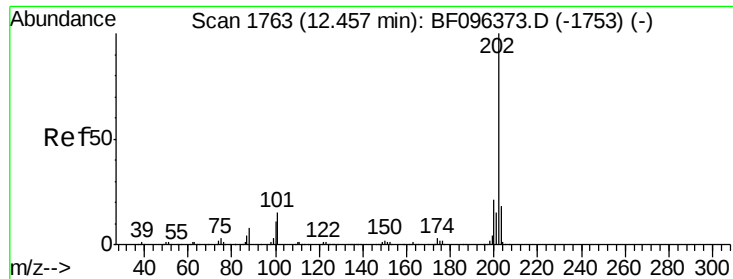


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 7.045 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096578.D

Acq: 8 Jul 2017 00:08

Instrument :

BNA_F

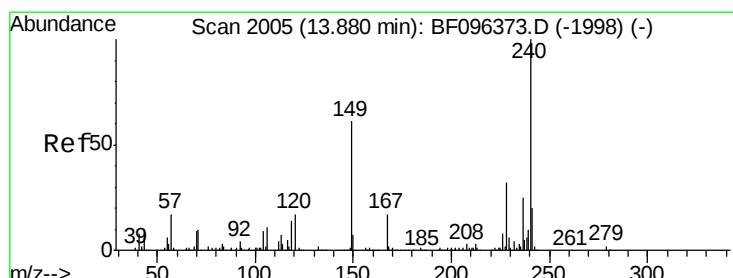
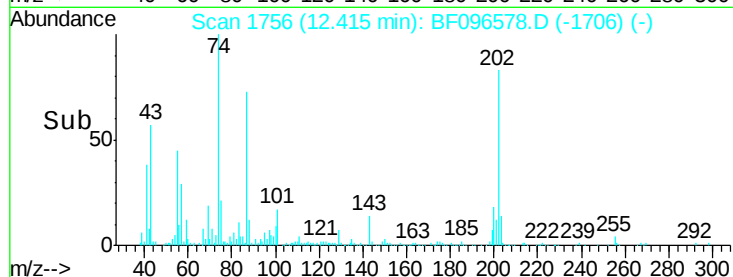
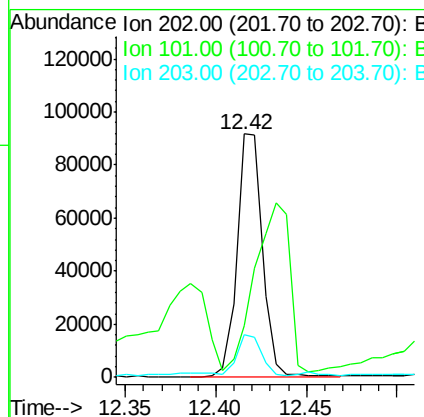
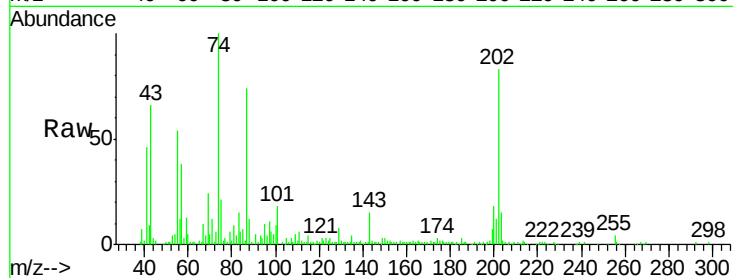
ClientSampleId :

AU-05-070517-E

Tgt Ion:	202	Resp:	90127
Ion Ratio	Lower	Upper	
202	100		
101	21.4	0.0	33.2
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

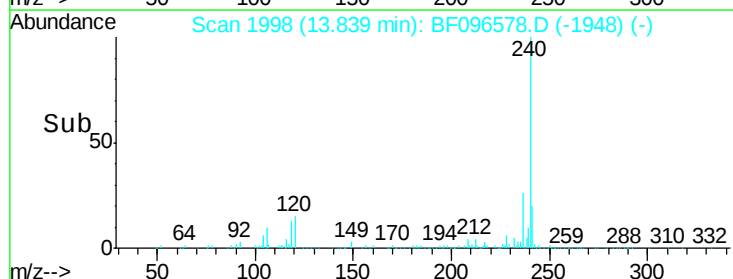
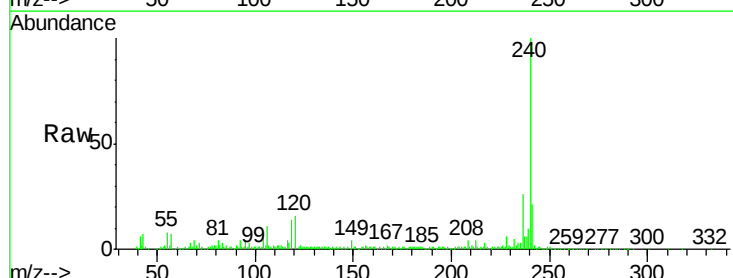
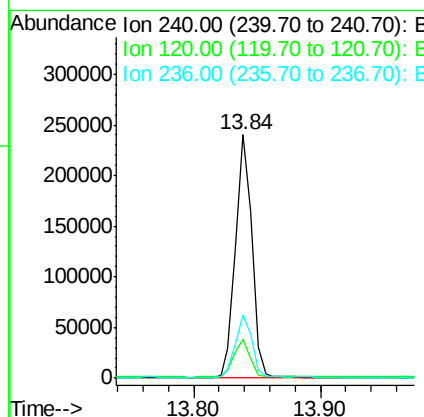
RT: 13.84 min Scan# 1998

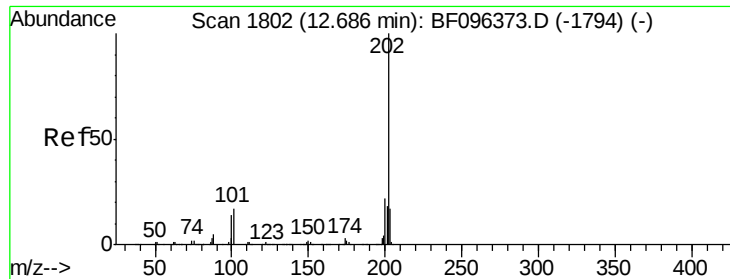
Delta R.T. -0.01 min

Lab File: BF096578.D

Acq: 8 Jul 2017 00:08

Tgt Ion:	240	Resp:	215423
Ion Ratio	Lower	Upper	
240	100		
120	16.0	5.8	8.8#
236	26.0	20.5	30.7





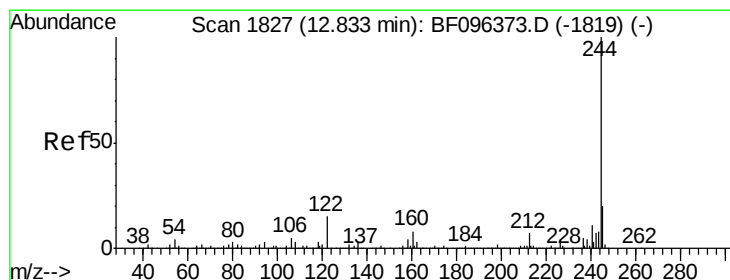
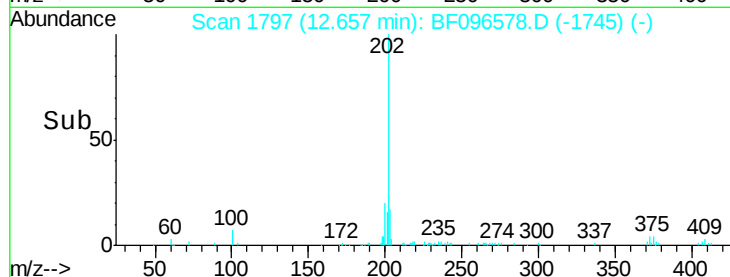
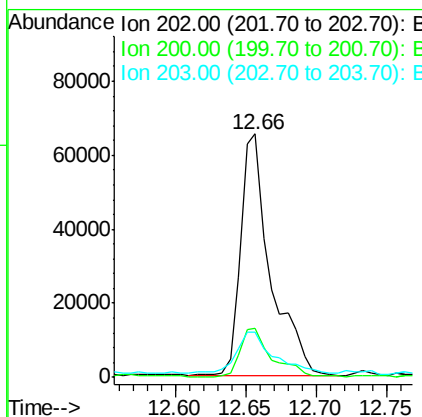
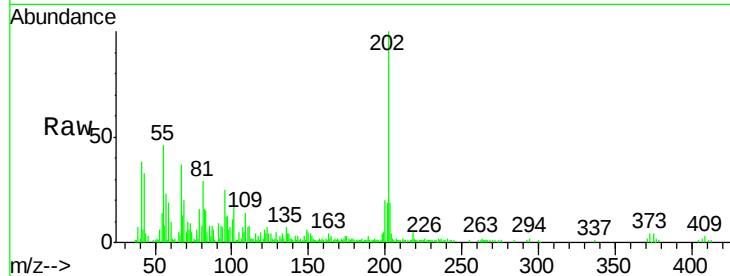
#77
 Pyrene
 Concen: 5.598 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BF096578.D
 Acq: 8 Jul 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-E

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.1	17.6	26.4
203	18.8	14.4	21.6

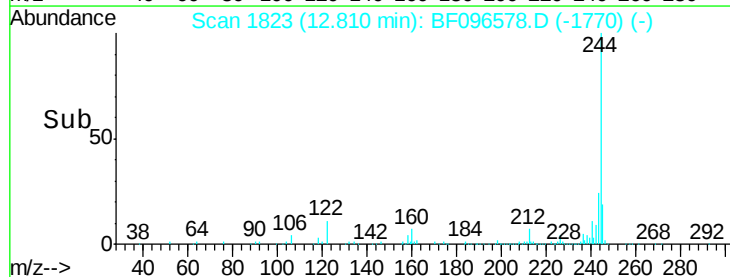
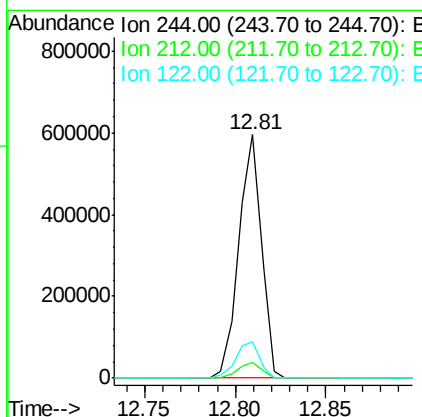
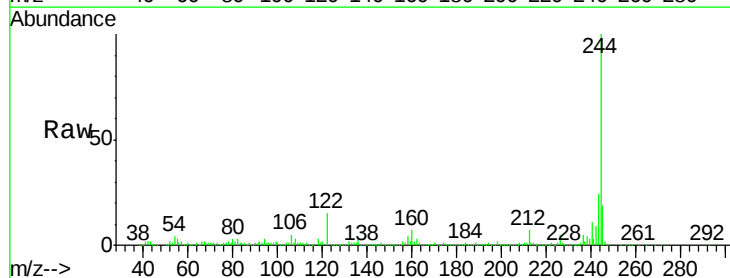
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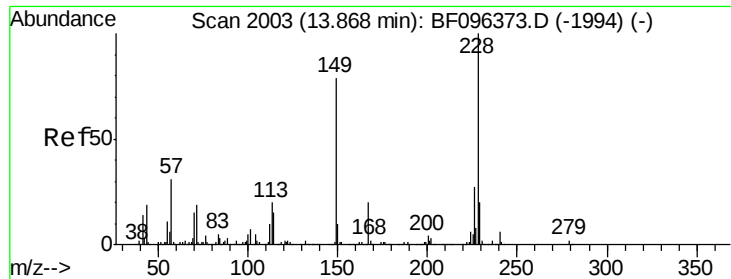
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#78
 Terphenyl-d14
 Concen: 51.489 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BF096578.D
 Acq: 8 Jul 2017 00:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.0	9.0
122	14.6	10.3	15.5





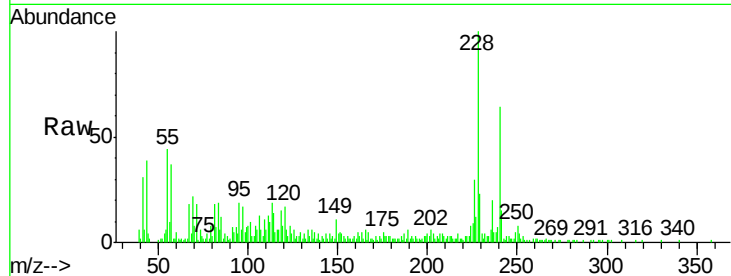
#80
Benzo(a)anthracene
Concen: 3.726 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-E

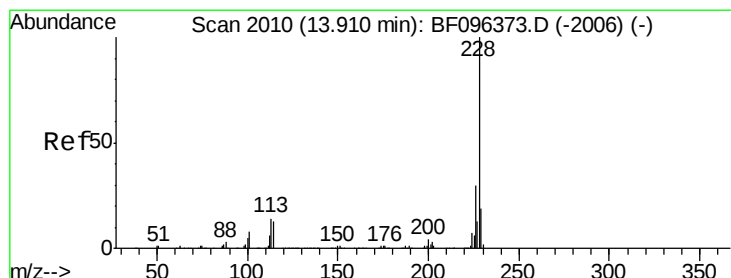
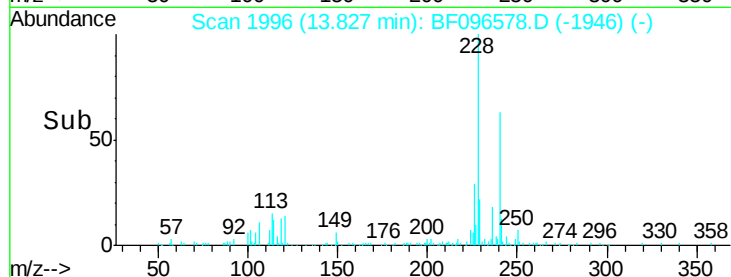
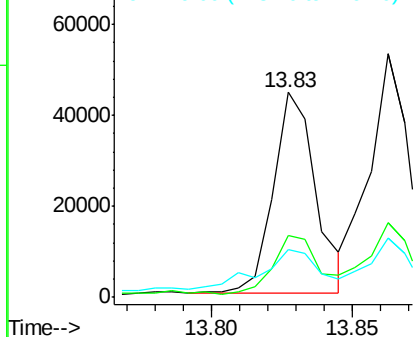
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	23.5	16.3	24.5

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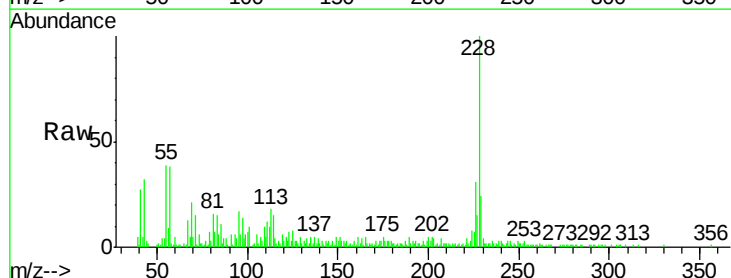


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

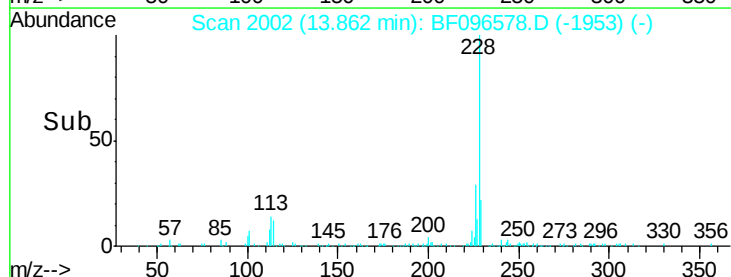
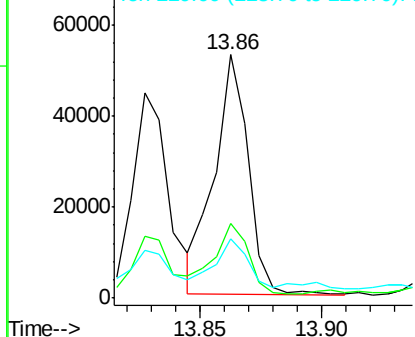


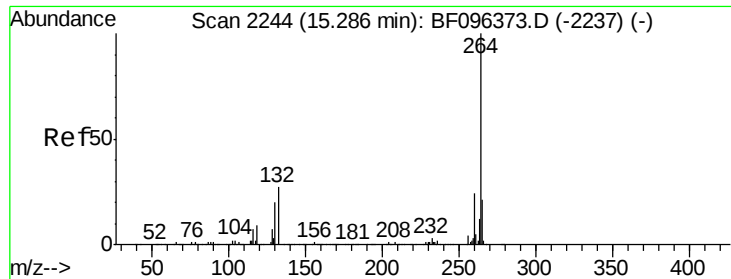
#82
Chrysene
Concen: 3.982 ng m
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	24.2	15.8	23.6#



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





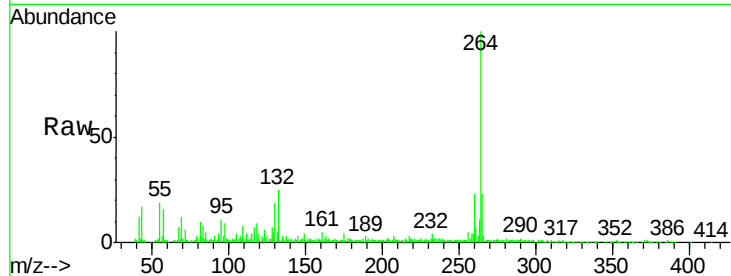
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-E

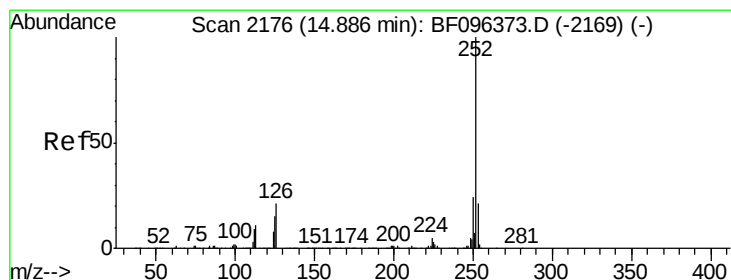
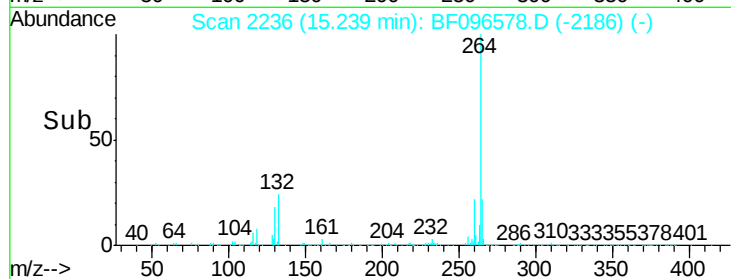
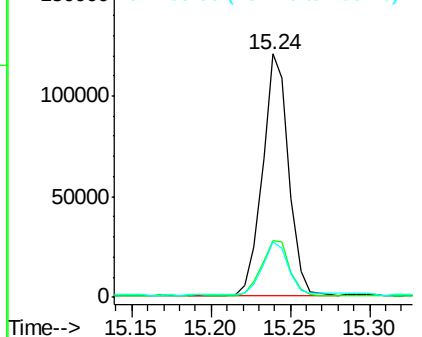
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.6	17.2	25.8

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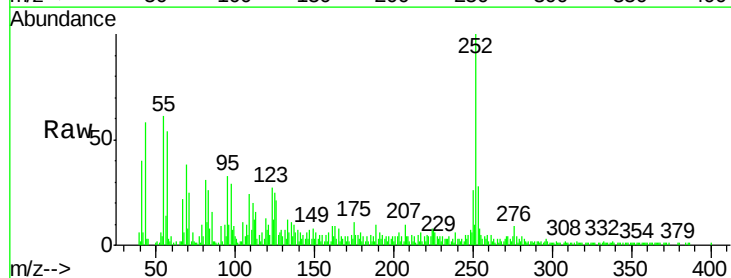


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

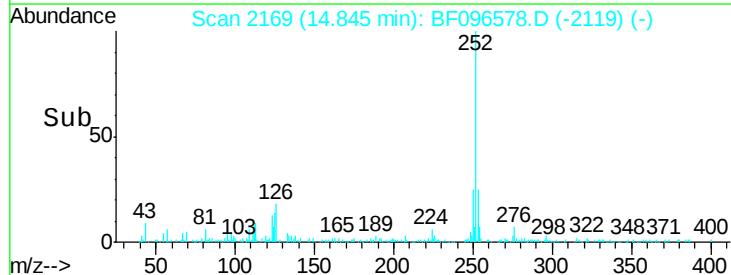
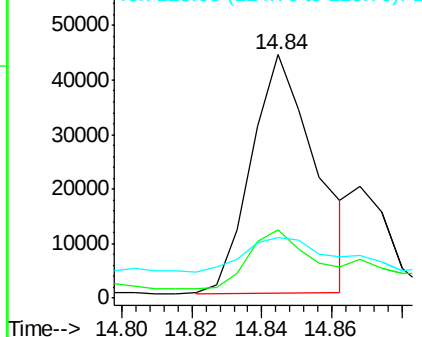


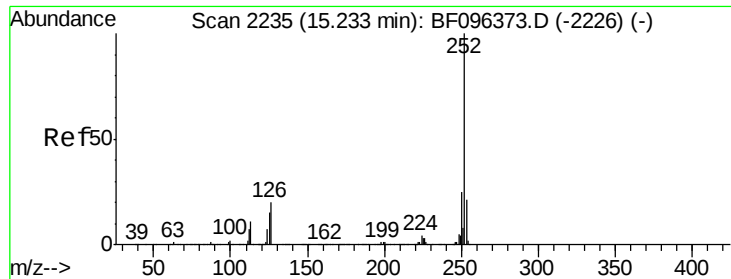
#87
Benzo(b)fluoranthene
Concen: 6.446 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.1	27.1#
125	25.1	9.8	14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





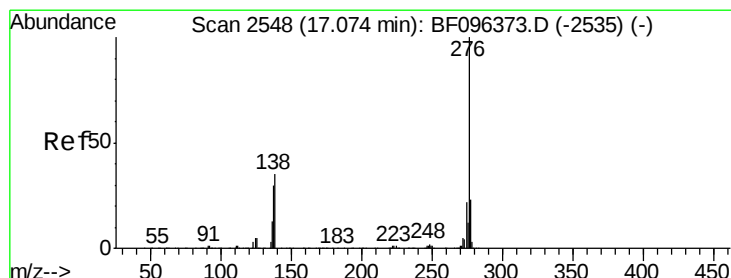
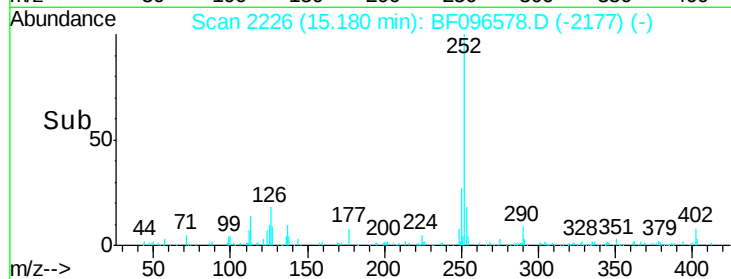
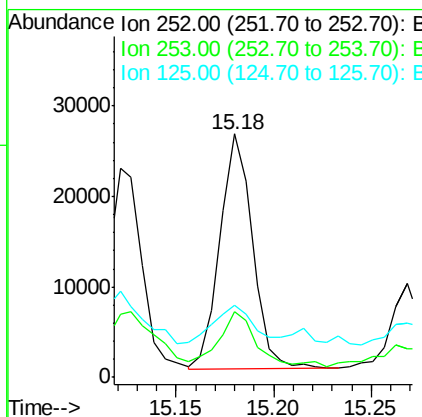
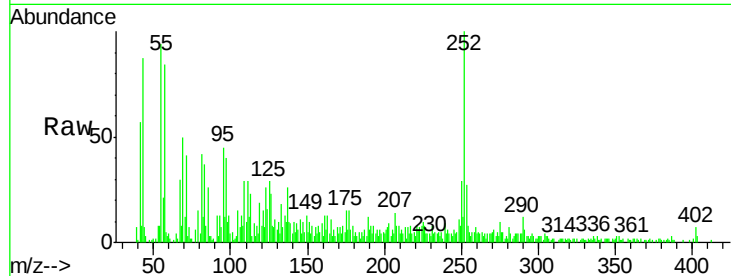
#89
Benzo(a)pyrene
Concen: 3.885 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-E

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	29.4	11.0	16.4#

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#91
Benzo(g,h,i)perylene
Concen: 2.899 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.6	28.0#
138	42.1	25.4	38.0#

