

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113519.D
 Acq On : 2 Apr 2019 21:41
 Operator : JU/SJ
 Sample : K2182-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7C(12-20)COMP

Manual Integrations
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Sohil
 4/3/2019 12:42:44 PM

Quant Time: Apr 03 07:42:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150511	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	554817	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	261710	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	461479	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	357419	20.00	ng	-0.02
87) Perylene-d12	15.23	264	399390	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	852272	92.59	ng	0.00
7) Phenol-d6	6.35	99	1102196	94.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	654771	70.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	297088	91.90	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1233209	70.94	ng	-0.02
79) Terphenyl-d14	12.78	244	1068780	65.91	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.44	163	87293	4.501	ng	Qvalue 100
71) Phenanthrene	11.22	178	64773	2.826	ng	97
75) Fluoranthene	12.40	202	162170	6.260	ng	99
78) Pyrene	12.63	202	160721	6.489	ng	98
81) Benzo(a)anthracene	13.82	228	108270	5.292	ng	99
83) Chrysene	13.85	228	110117	5.299	ng	99
86) Indeno(1,2,3-cd)pyrene	16.58	276	45700	2.562	ng	96
88) Benzo(b)fluoranthene	14.84	252	173793m	7.005	ng	
90) Benzo(a)pyrene	15.17	252	66612	3.029	ng	99
92) Benzo(g,h,i)perylene	16.99	276	38438	2.005	ng	# 94

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

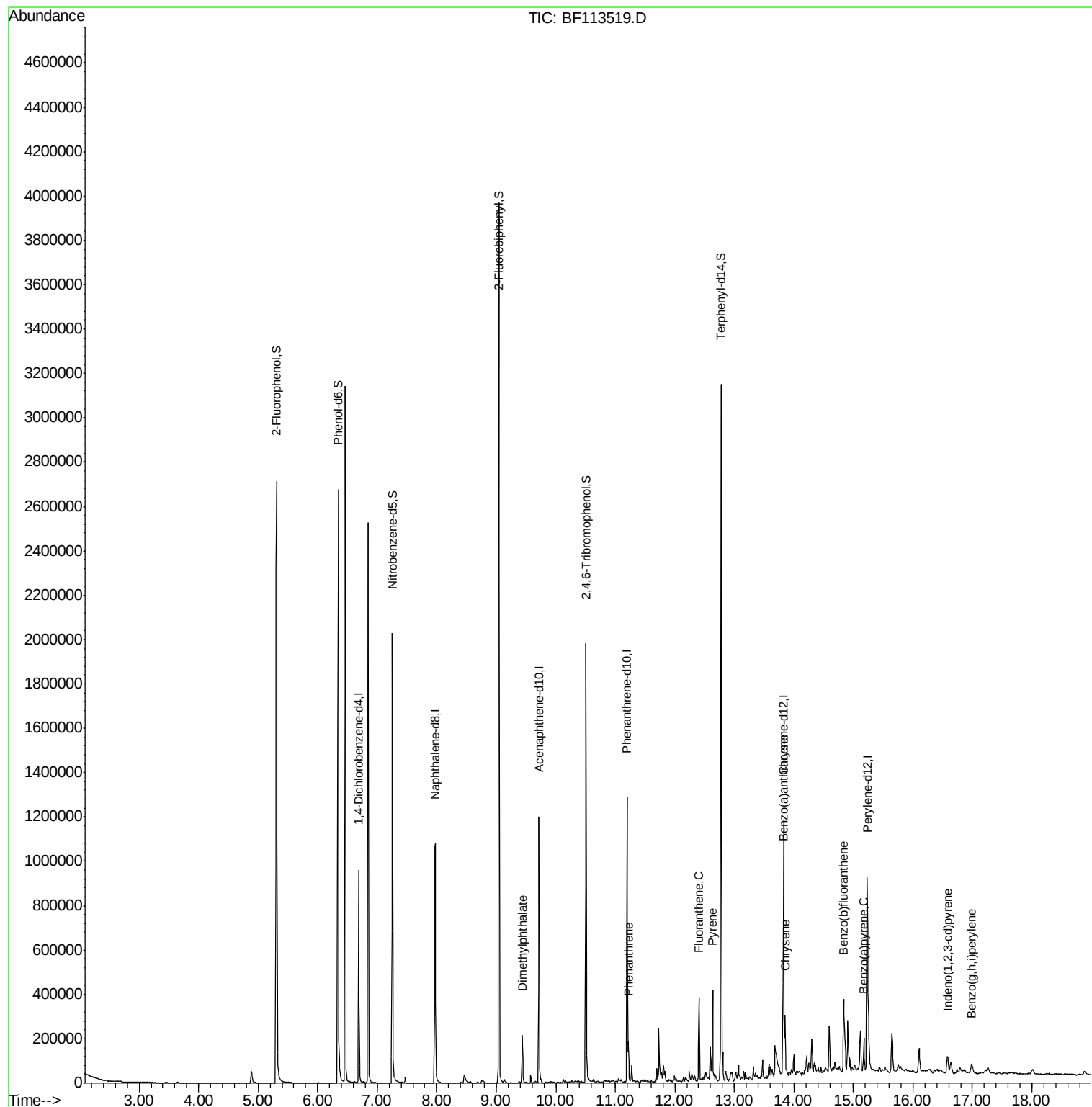
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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#1

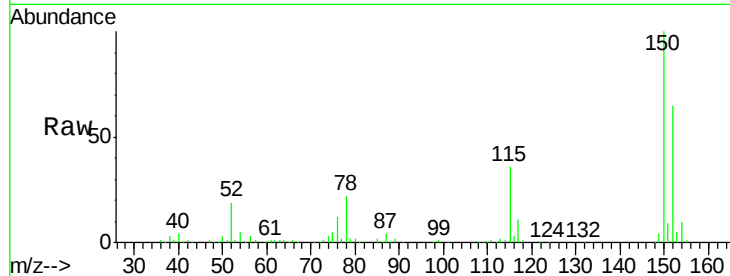
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Instrument :
BNA_F
ClientSampleId :
S7C(12-20)COMP

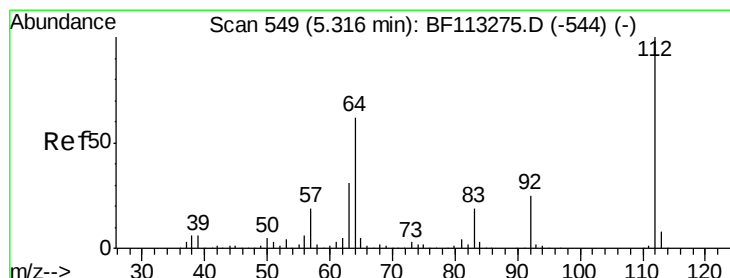
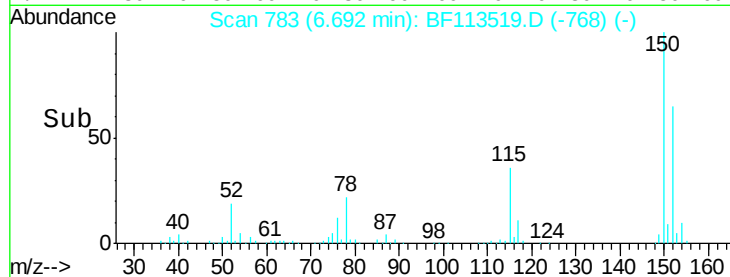
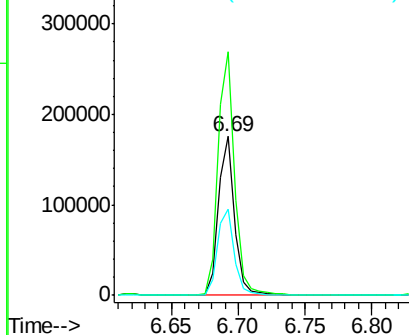
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.7	187.1
115	54.6	46.0	69.0

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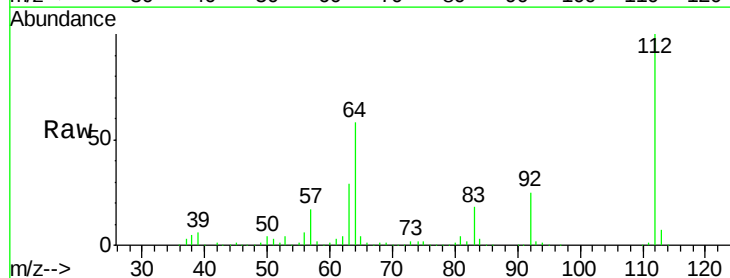
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



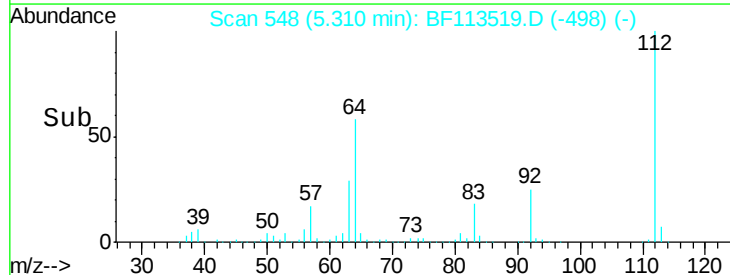
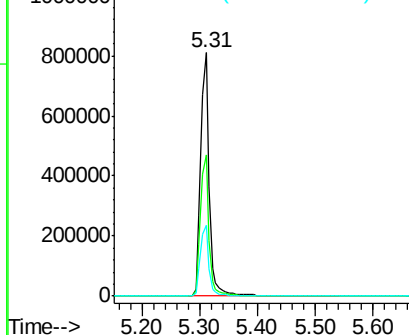
#5

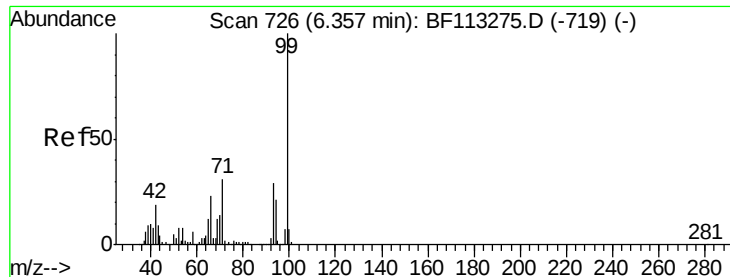
2-Fluorophenol
Concen: 92.589 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	49.2	73.8
63	29.3	24.9	37.3



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: 94.652 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113519.D

Acq: 2 Apr 2019 21:41

Instrument :

BNA_F

ClientSampleId :

S7C(12-20)COMP

Tgt Ion: 99 Resp: 1102196

Ion Ratio Lower Upper

99 100

42 16.9 14.8 22.2

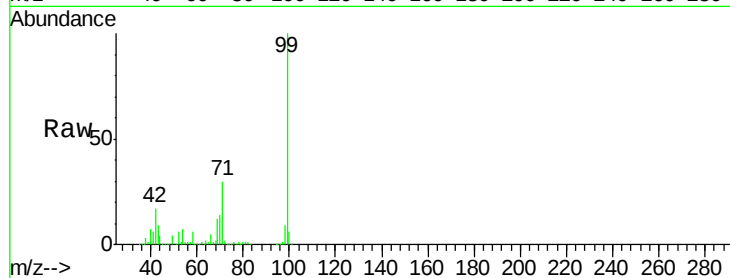
71 30.5 24.9 37.3

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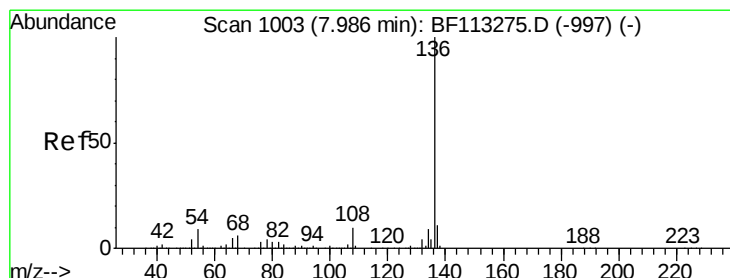
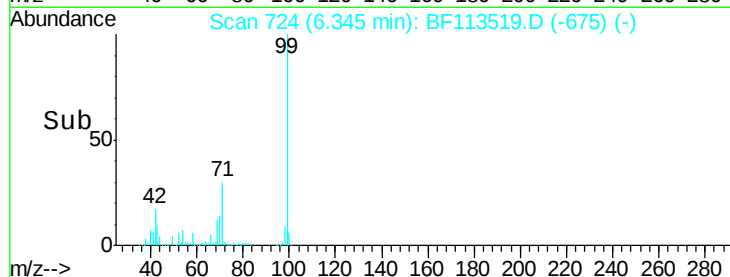
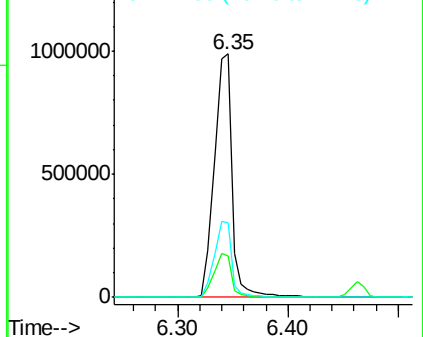
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113519.D

Acq: 2 Apr 2019 21:41

Tgt Ion: 136 Resp: 554817

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 7.0 10.6

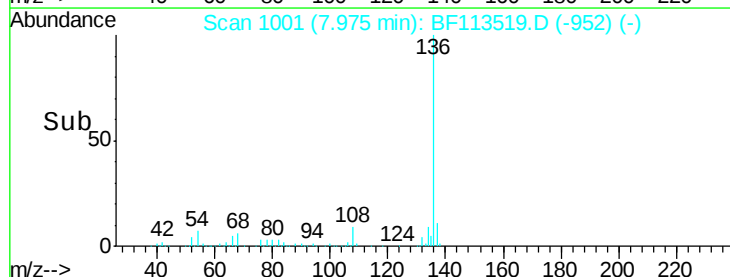
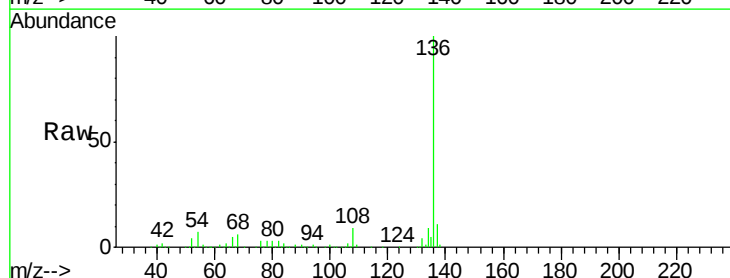
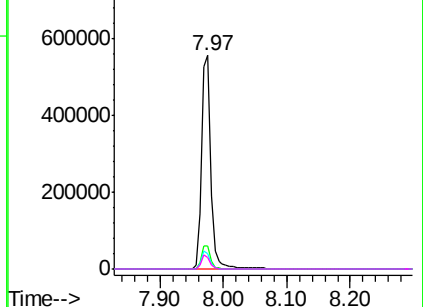
68 5.7 4.8 7.2

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





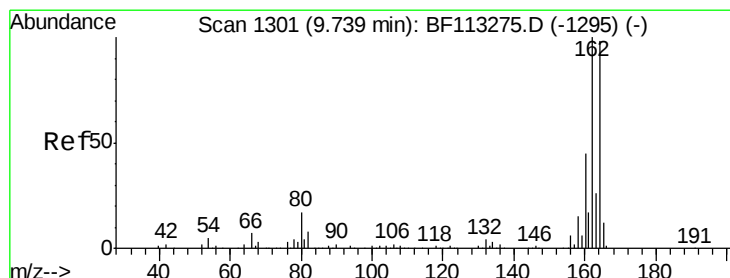
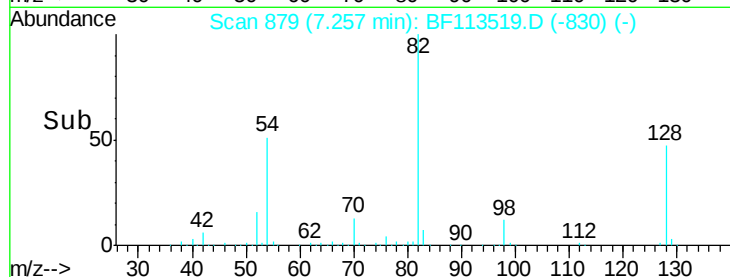
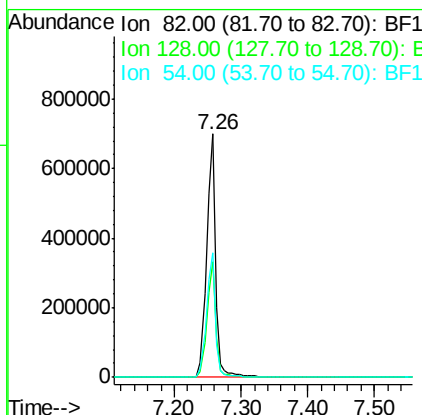
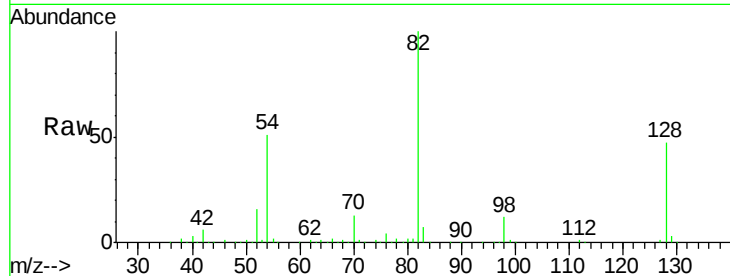
#23
 Nitrobenzene-d5
 Concen: 70.047 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF113519.D
 Acq: 2 Apr 2019 21:41

Instrument :
 BNA_F
 ClientSampleId :
 S7C(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.5	54.7
54	51.0	42.2	63.2

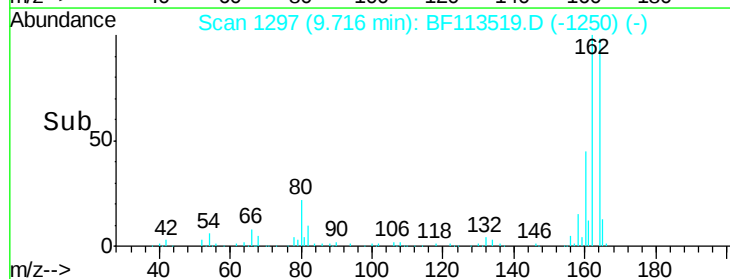
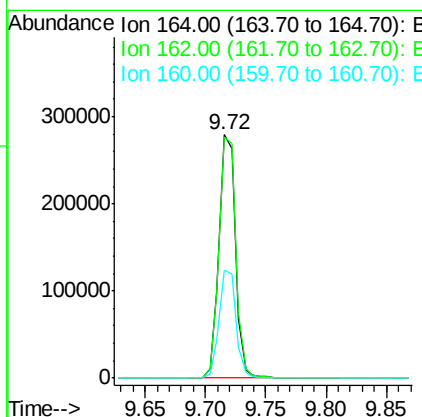
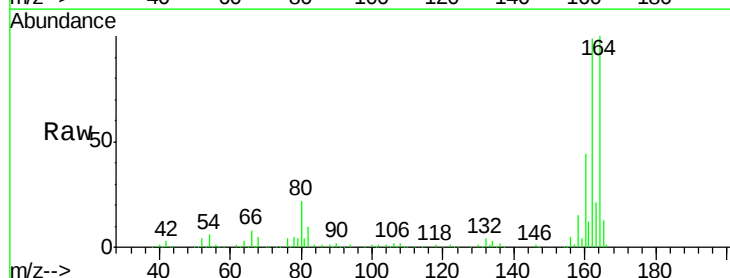
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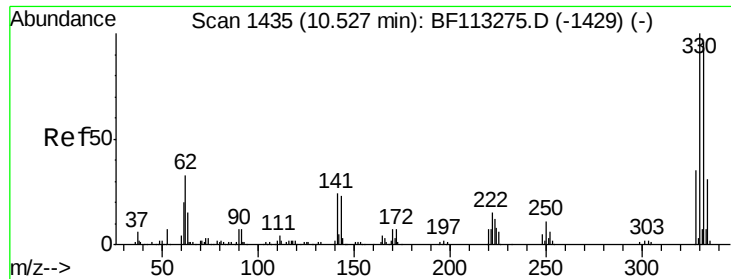
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF113519.D
 Acq: 2 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.8	122.6
160	44.3	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 91.900 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF113519.D

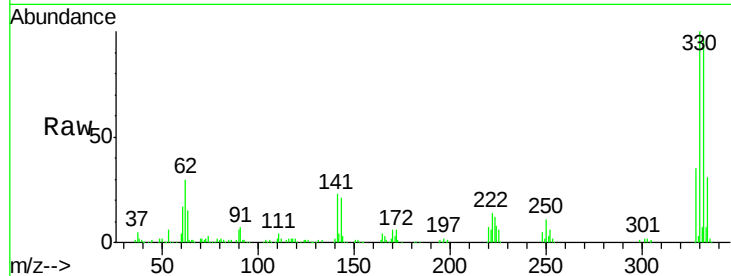
Acq: 2 Apr 2019 21:41

Instrument :

BNA_F

ClientSampleId :

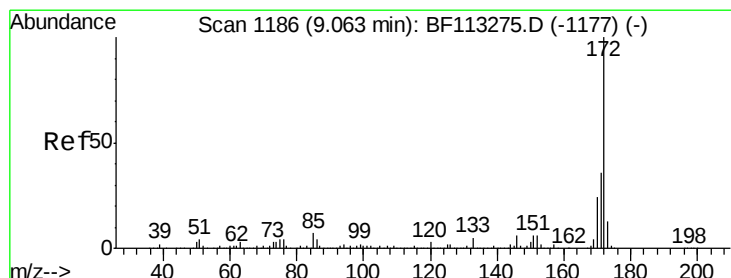
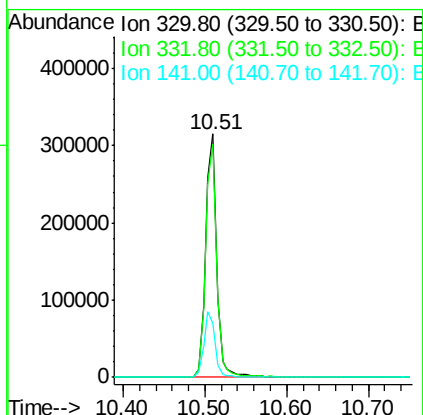
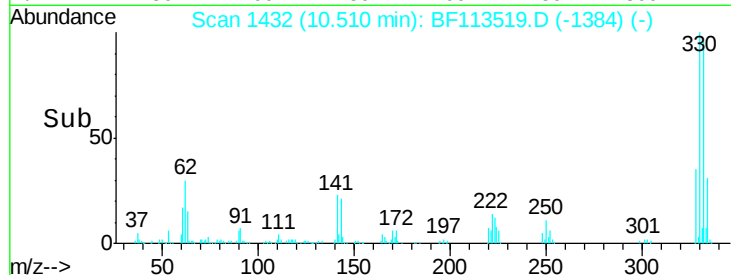
S7C(12-20)COMP



Tgt Ion:	330	Resp:	297088
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.8	116.6
141	27.8	22.7	34.1

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#45

2-Fluorobiphenyl

Concen: 70.938 ng

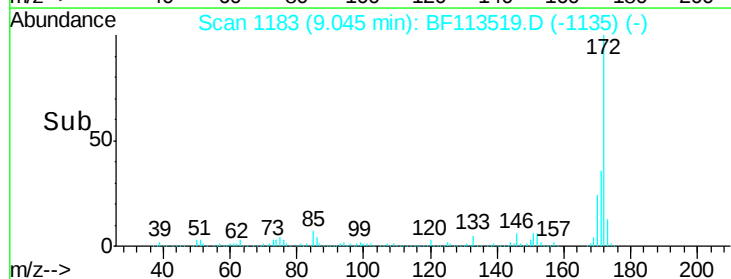
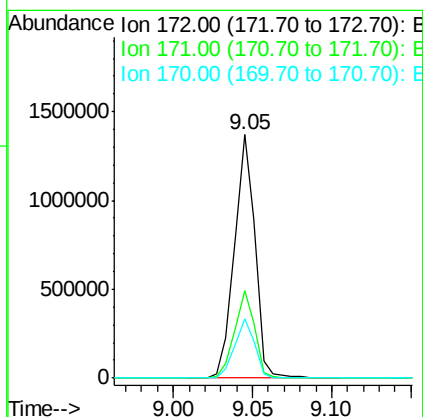
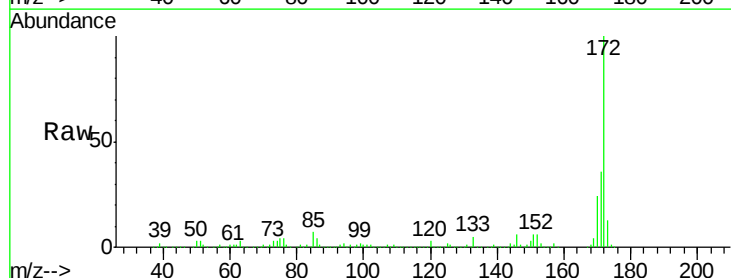
RT: 9.05 min Scan# 1183

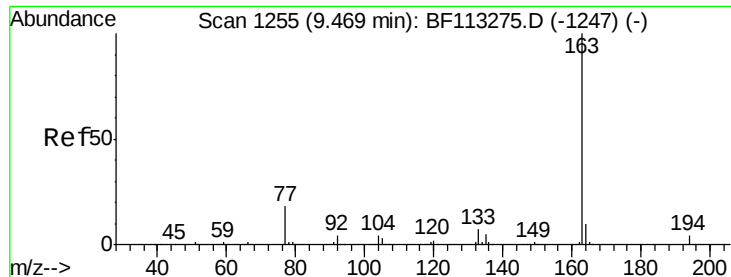
Delta R.T. -0.02 min

Lab File: BF113519.D

Acq: 2 Apr 2019 21:41

Tgt Ion:	172	Resp:	1233209
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.6
170	24.3	19.5	29.3





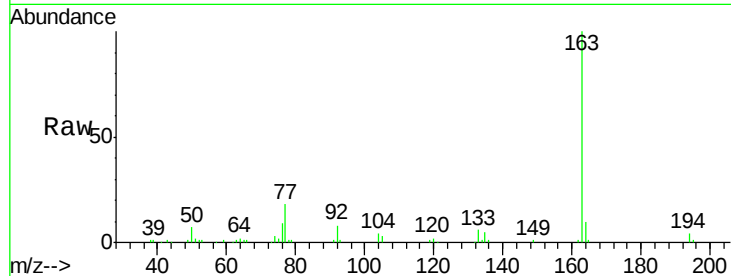
#50
Dimethylphthalate
Concen: 4.501 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Instrument :
BNA_F
ClientSampleId :
S7C(12-20)COMP

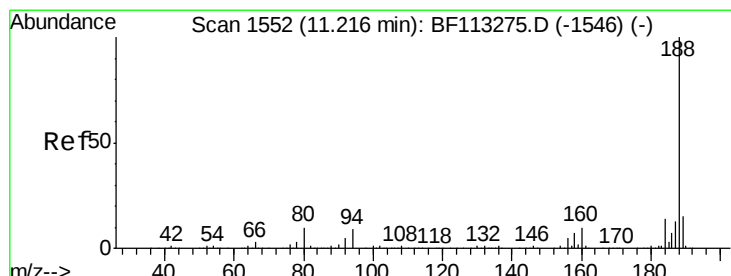
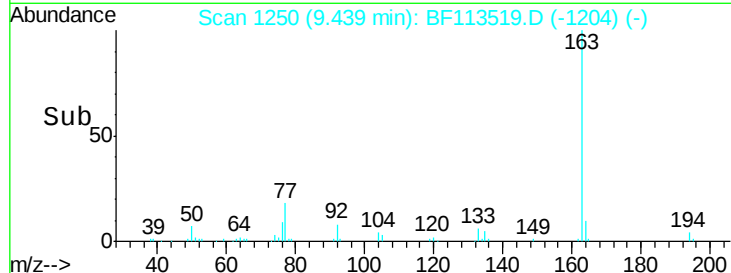
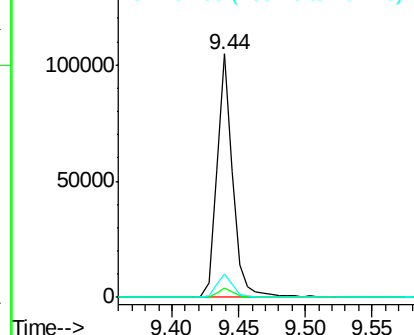
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87293		
194	3.8		3.0	4.6
164	9.9		8.1	12.1

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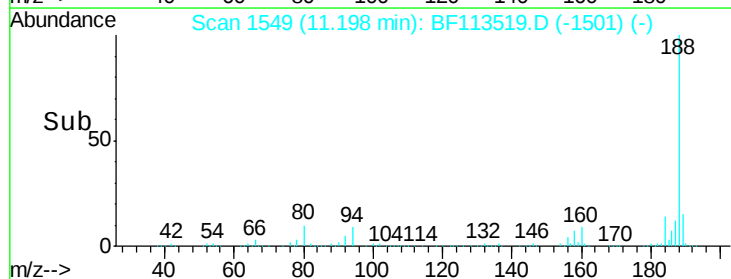
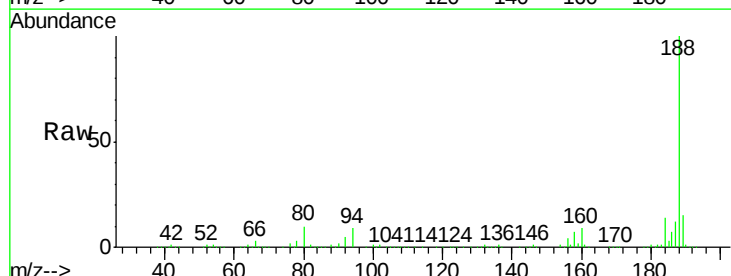
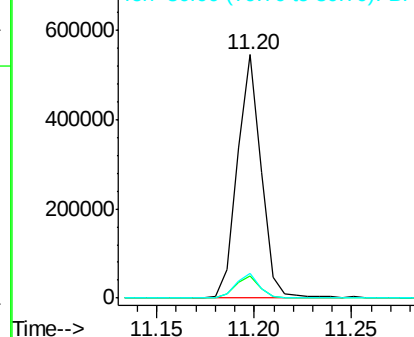
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

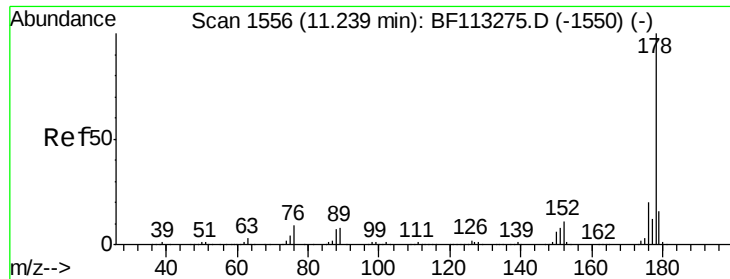


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	461479		
94	9.3		7.0	10.6
80	9.9		7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





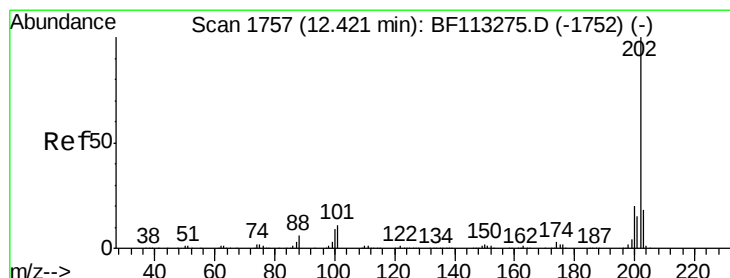
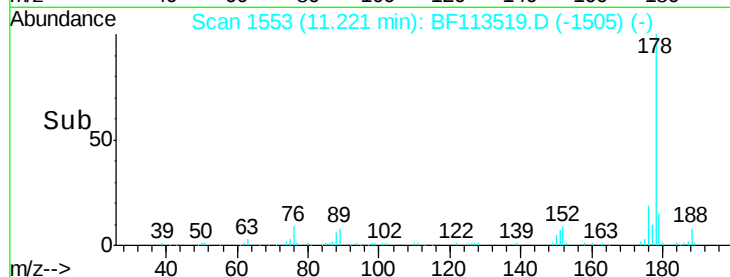
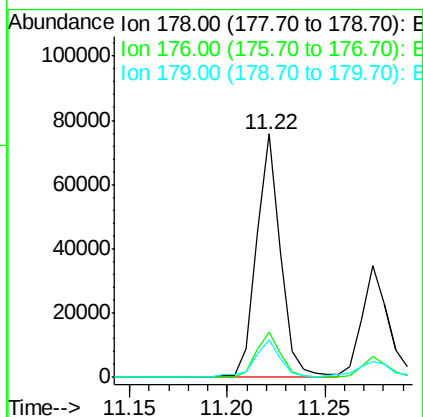
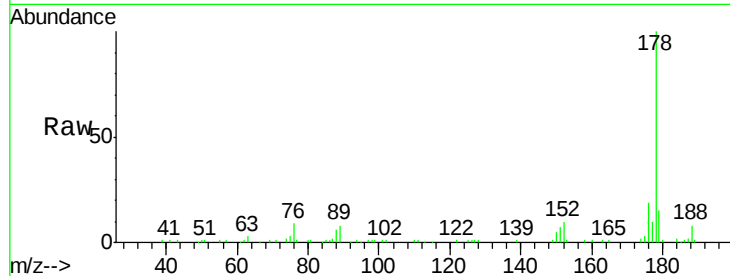
#71
Phenanthrene
Concen: 2.826 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Instrument :
BNA_F
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S7C(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.2
179	15.2	12.7	19.1

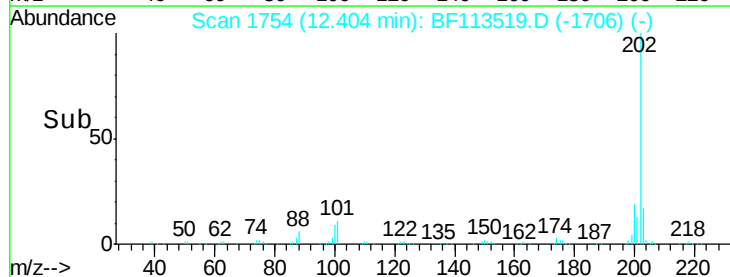
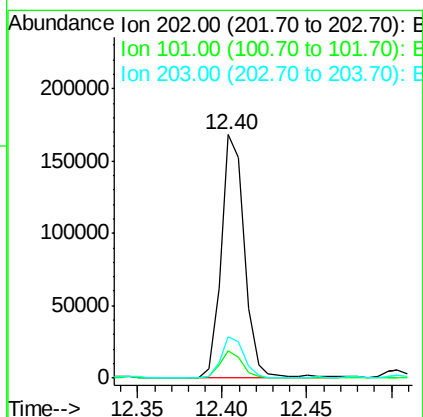
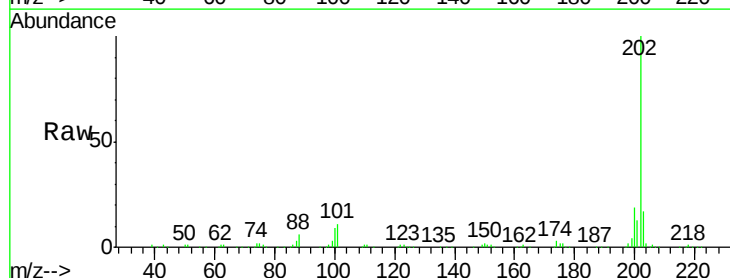
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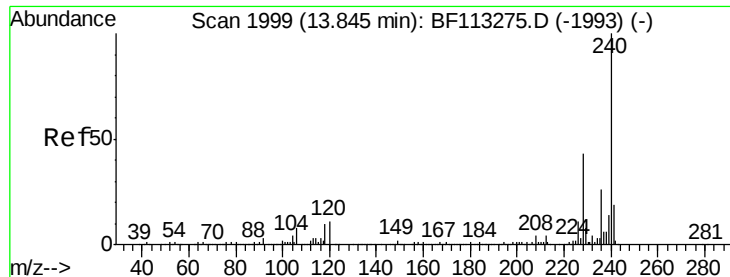
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#75
Fluoranthene
Concen: 6.260 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.0	0.0	38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113519.D

Acq: 2 Apr 2019 21:41

Instrument :

BNA_F

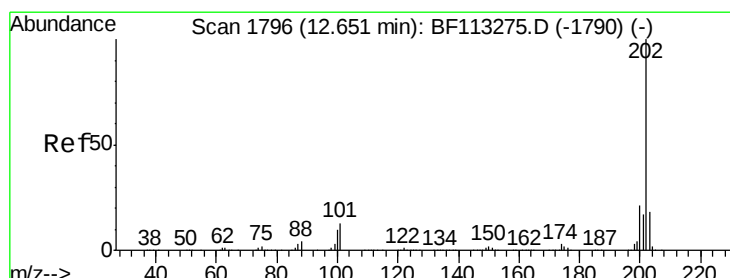
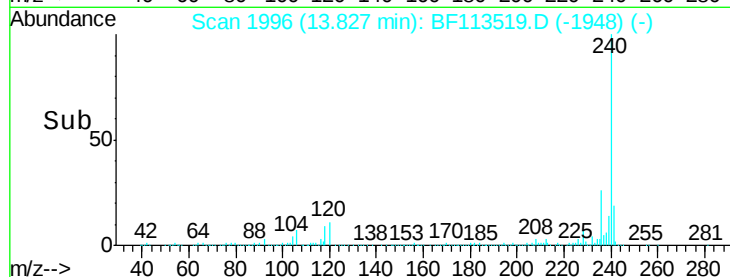
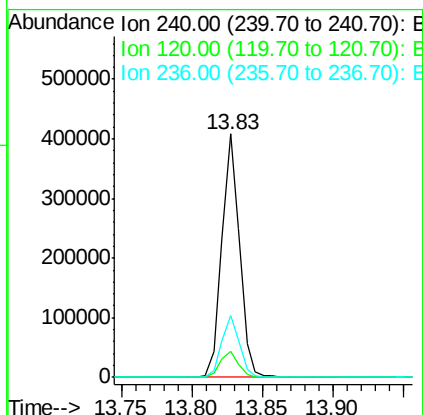
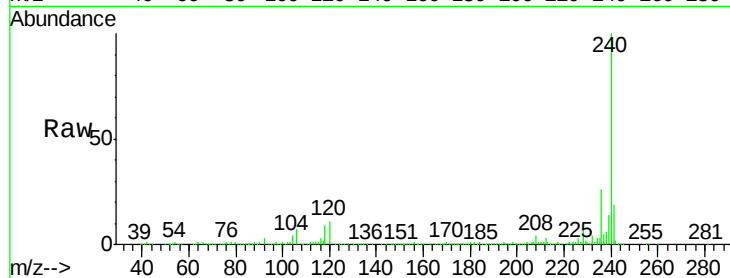
ClientSampleId :

S7C(12-20)COMP

Tgt Ion:	240	Resp:	357419
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.8	13.2
236	25.6	20.9	31.3

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#78

Pyrene

Concen: 6.489 ng

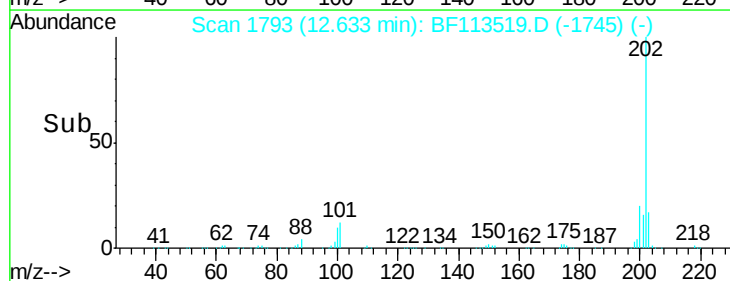
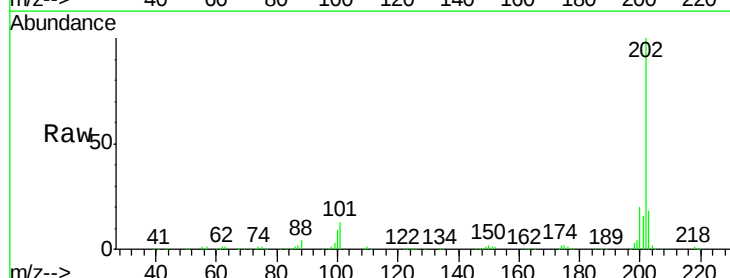
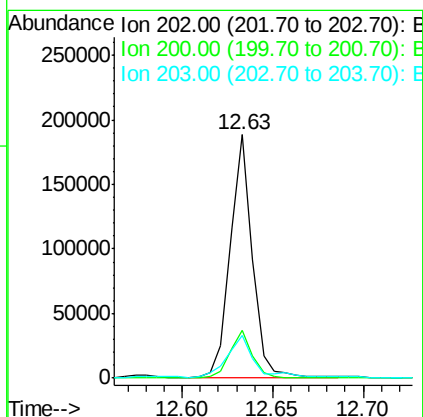
RT: 12.63 min Scan# 1793

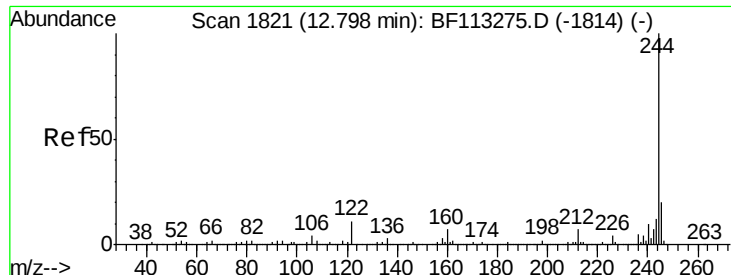
Delta R.T. -0.02 min

Lab File: BF113519.D

Acq: 2 Apr 2019 21:41

Tgt Ion:	202	Resp:	160721
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.8	25.2
203	17.6	14.4	21.6





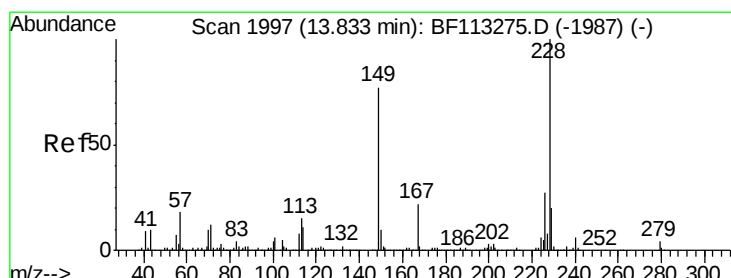
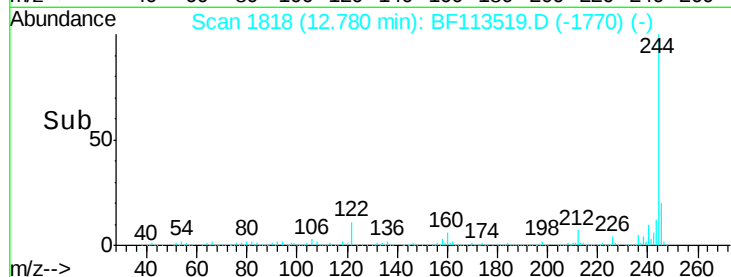
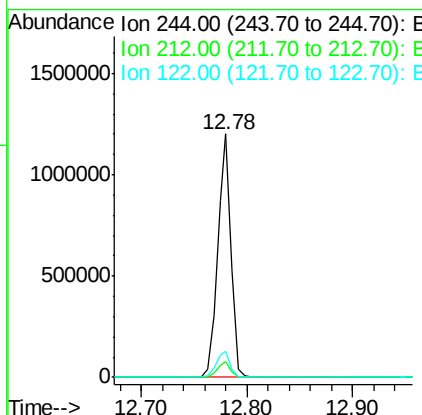
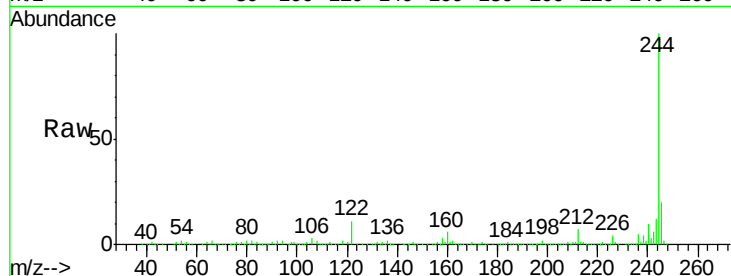
#79
 Terphenyl-d14
 Concen: 65.911 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113519.D
 Acq: 2 Apr 2019 21:41

Instrument :
 BNA_F
 ClientSampleId :
 S7C(12-20)COMP

Tgt Ion: 244 Resp: 1068780
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.6 8.6 13.0

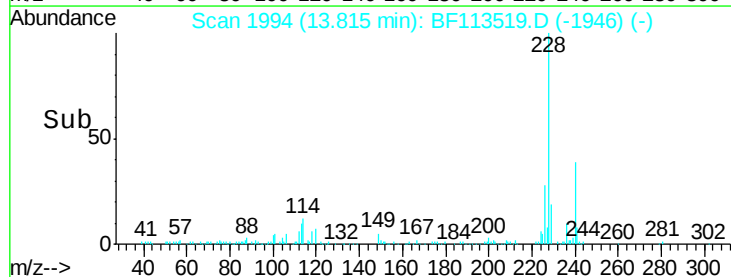
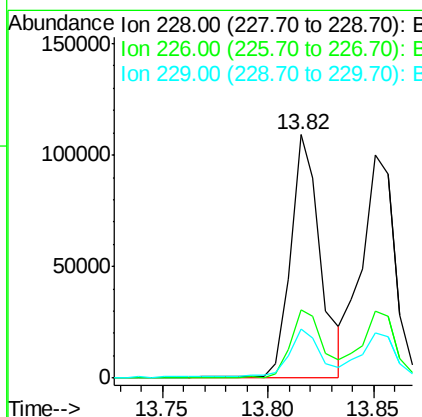
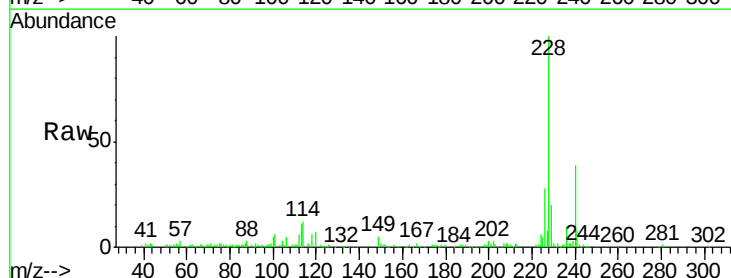
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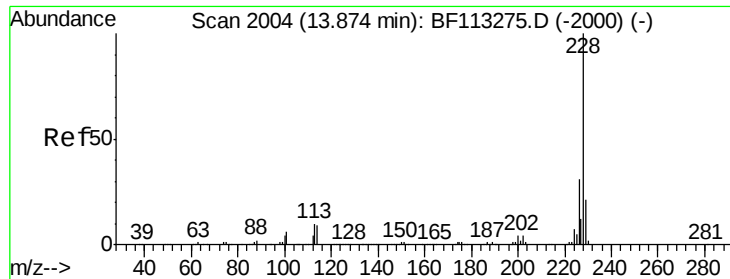
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 4/3/2019 12:42:44 PM



#81
 Benzo(a)anthracene
 Concen: 5.292 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF113519.D
 Acq: 2 Apr 2019 21:41

Tgt Ion: 228 Resp: 108270
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.8 32.8
 229 20.0 16.2 24.4





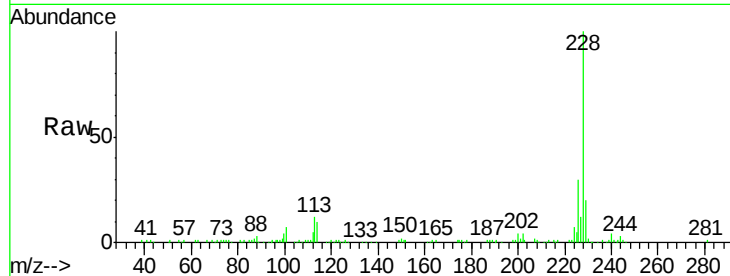
#83
Chrysene
Concen: 5.299 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Instrument :
BNA_F
ClientSampleId :
S7C(12-20)COMP

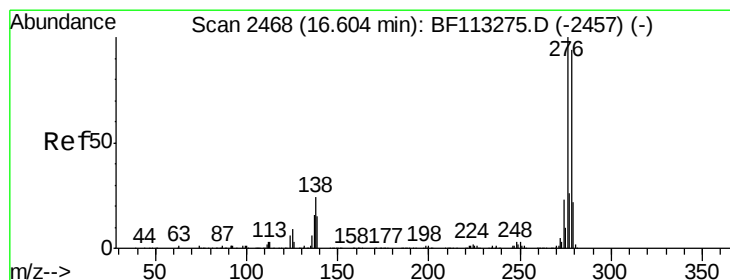
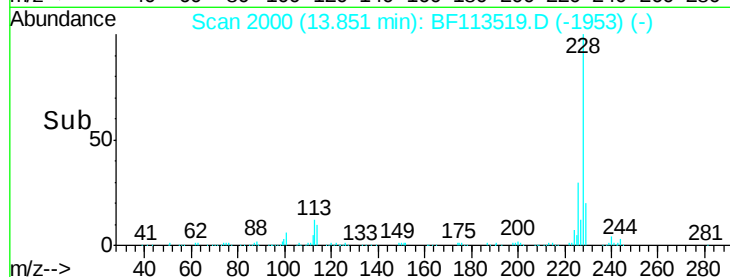
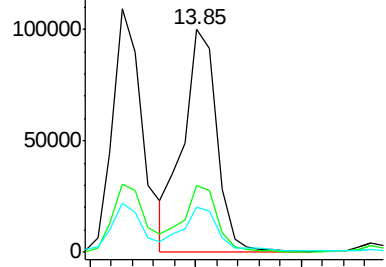
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	110117		
226	30.0	24.3	36.5	
229	20.3	16.3	24.5	

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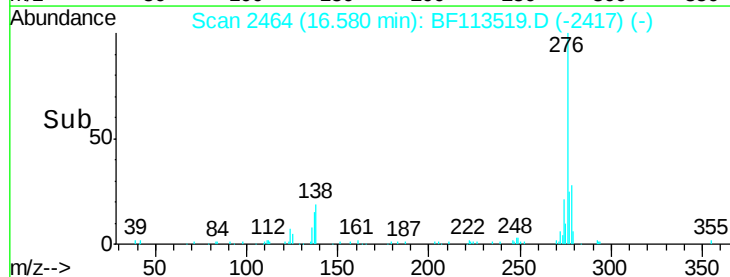
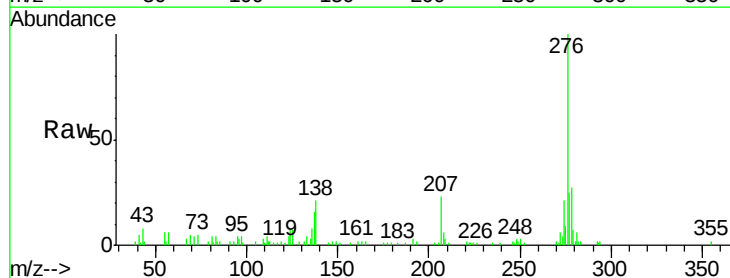
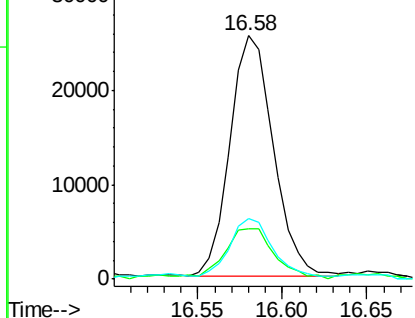
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

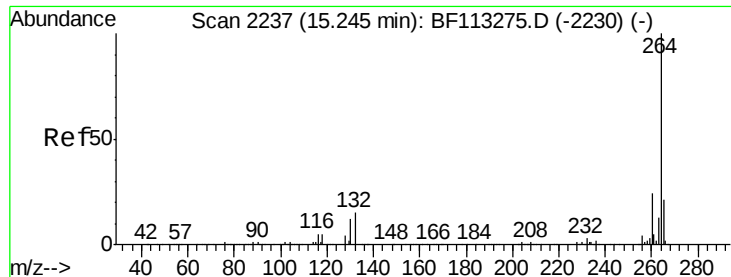


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.562 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	45700		
138	24.4	18.1	27.1	
277	22.9	20.2	30.4	

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113519.D

Acq: 2 Apr 2019 21:41

Instrument :

BNA_F

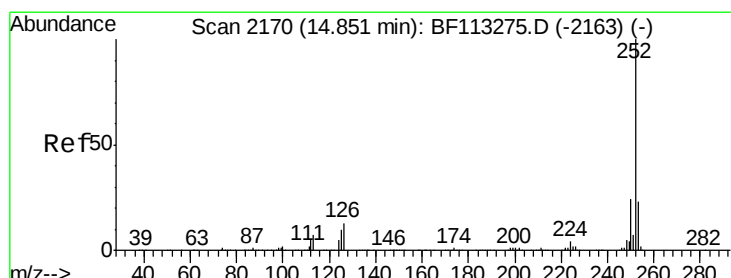
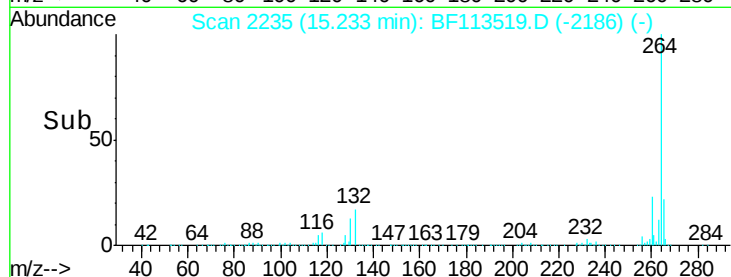
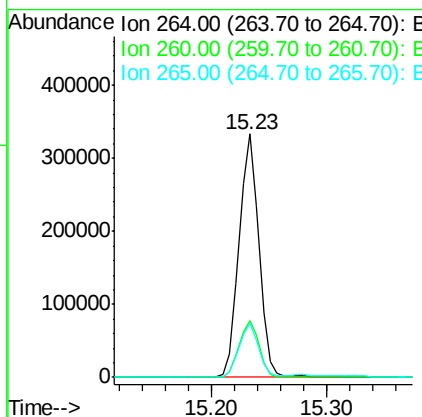
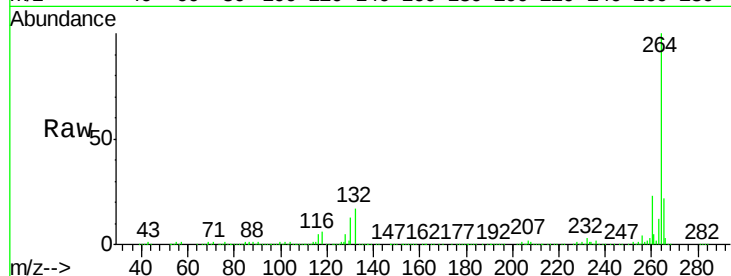
ClientSampleId :

S7C(12-20)COMP

Tgt Ion:	264	Resp:	399390
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.0	17.1	25.7

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4/3/2019 12:42:44 PM



#88

Benzo(b)fluoranthene

Concen: 7.005 ng m

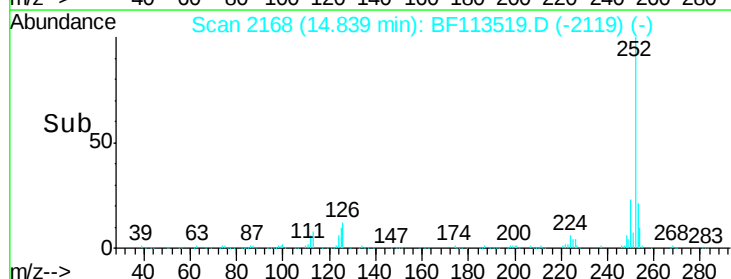
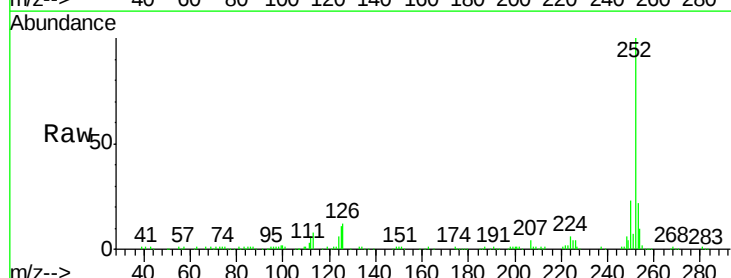
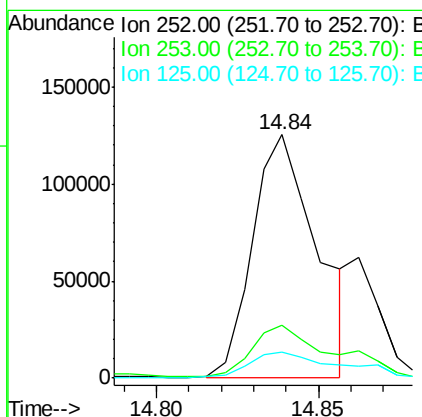
RT: 14.84 min Scan# 2168

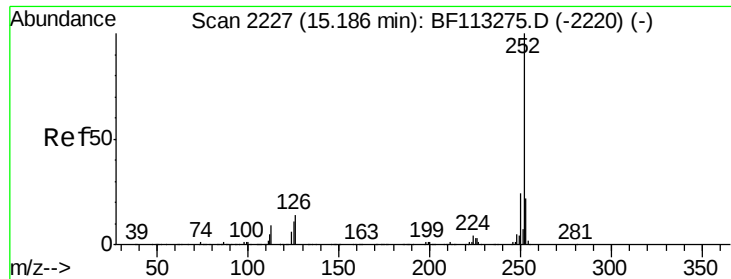
Delta R.T. -0.01 min

Lab File: BF113519.D

Acq: 2 Apr 2019 21:41

Tgt Ion:	252	Resp:	173793
Ion Ratio		Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.6	7.6	11.4





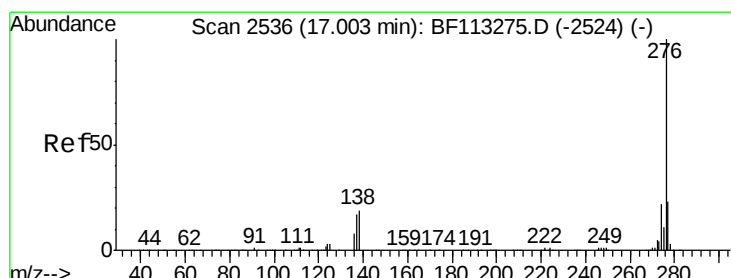
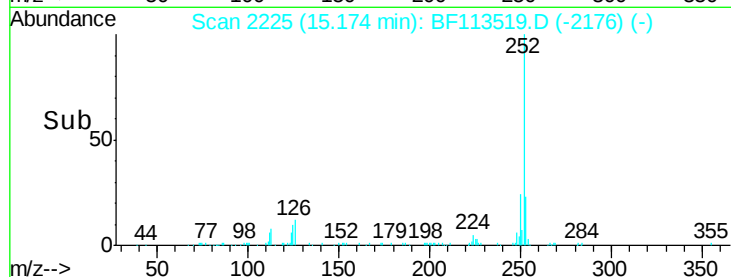
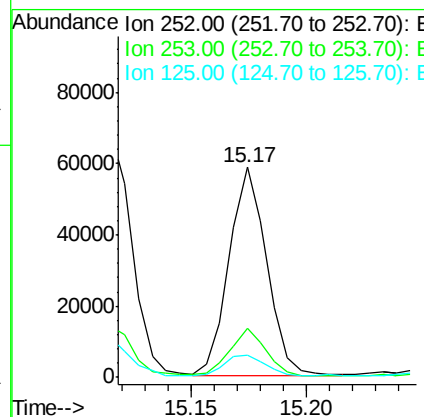
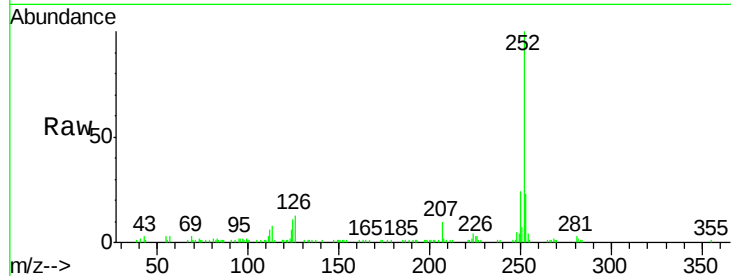
#90
Benzo(a)pyrene
Concen: 3.029 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Instrument :
BNA_F
ClientSampleId :
S7C(12-20)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	66612		
253	23.2	17.9	26.9	
125	10.8	8.8	13.2	

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#92
Benzo(g,h,i)perylene
Concen: 2.005 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF113519.D
Acq: 2 Apr 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	38438		
277	25.0	18.8	28.2	
138	24.3	15.6	23.4	

