

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106356.D
 Acq On : 12 Jun 2018 20:30
 Operator : JU/SJ
 Sample : J3354-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-102-103-1-27

Manual Integrations
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Quant Time: Jun 13 03:26:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	146879	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	495243	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	199676	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	392401	20.00	ng	0.00
75) Chrysene-d12	14.15	240	427038	20.00	ng	0.00
86) Perylene-d12	15.69	264	311798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1058774	122.00	ng	0.02
7) Phenol-d6	6.60	99	1271841	116.00	ng	0.01
23) Nitrobenzene-d5	7.54	82	808595	96.05	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	303092	157.76	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1243083	129.58	ng	0.00
78) Terphenyl-d14	13.09	244	1508227	87.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	138382	9.700	ng	99
70) Phenanthrene	11.53	178	70503	3.669	ng	98
74) Fluoranthene	12.72	202	179237	8.746	ng	96
77) Pyrene	12.95	202	234637	8.776	ng	99
80) Benzo(a)anthracene	14.14	228	104762	4.122	ng	99
82) Chrysene	14.18	228	97836m	4.217	ng	
87) Benzo(b)fluoranthene	15.23	252	77004m	4.086	ng	
89) Benzo(a)pyrene	15.62	252	59502	3.510	ng	95

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

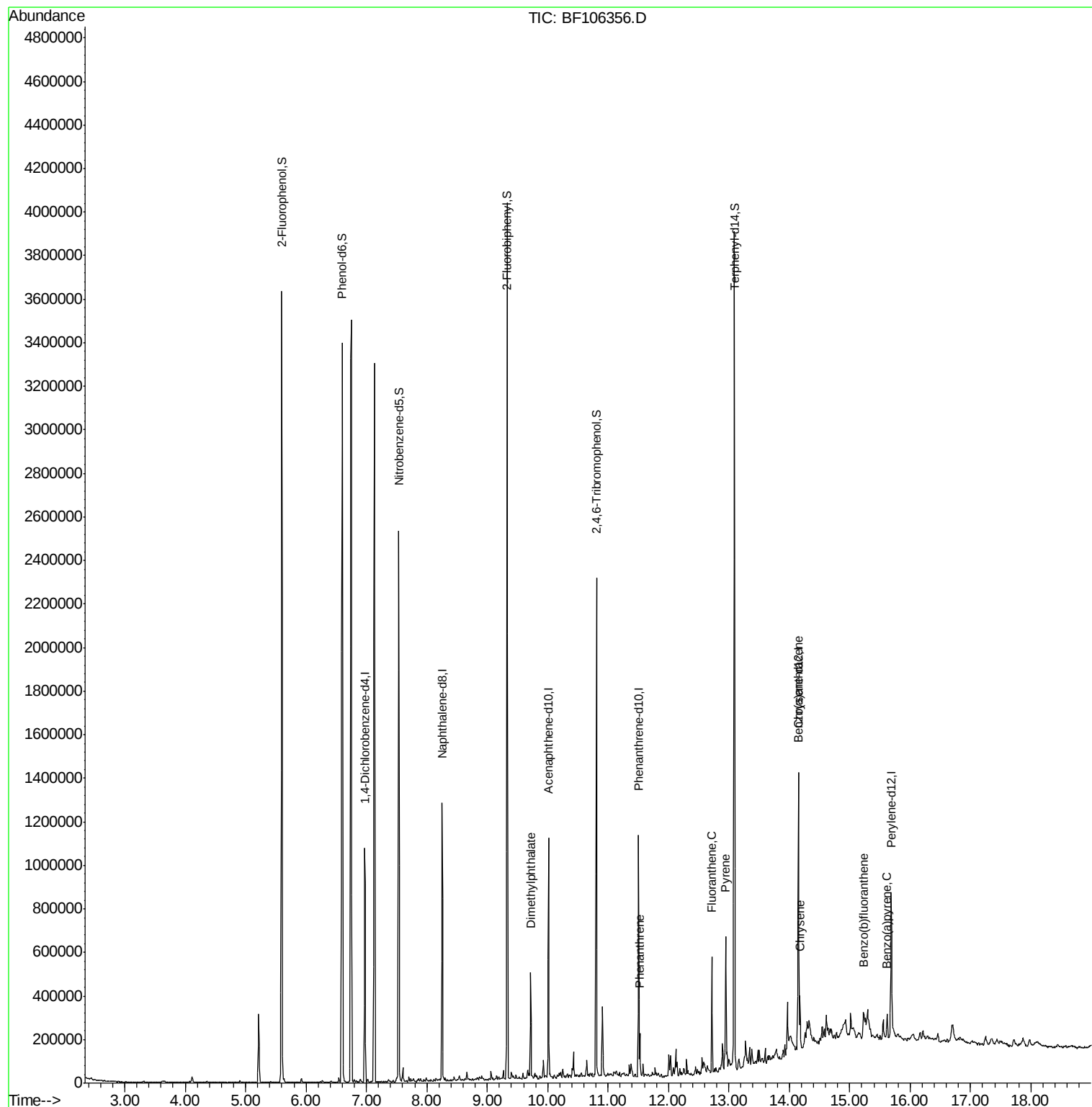
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106356.D
Acq On : 12 Jun 2018 20:30
Operator : JU/SJ
Sample : J3354-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

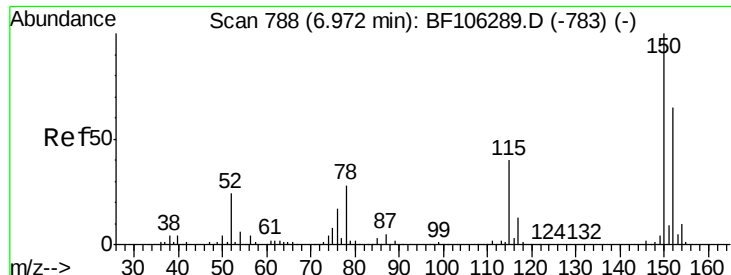
Instrument :
BNA_F
ClientSampleId :
CAS1-SB-102-103-1-27

Manual Integrations
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Quant Time: Jun 13 03:26:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

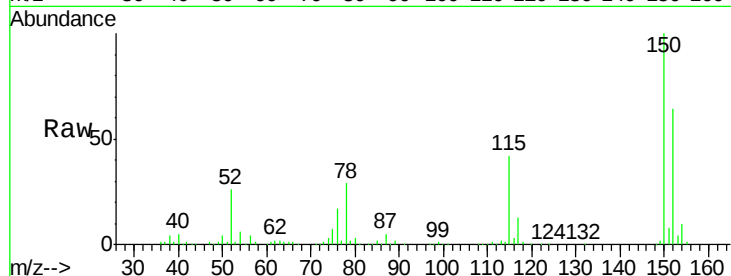
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-102-103-1-27

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	65.7	50.1	75.1

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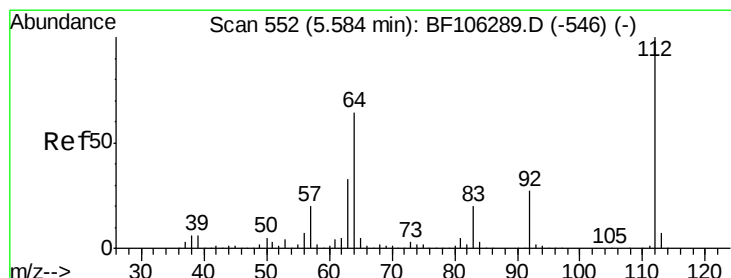
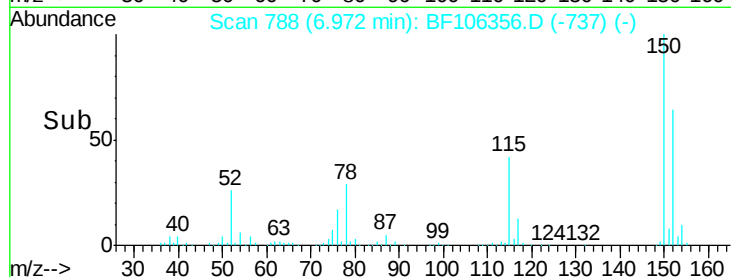
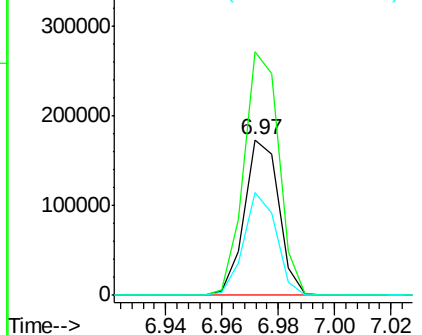


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

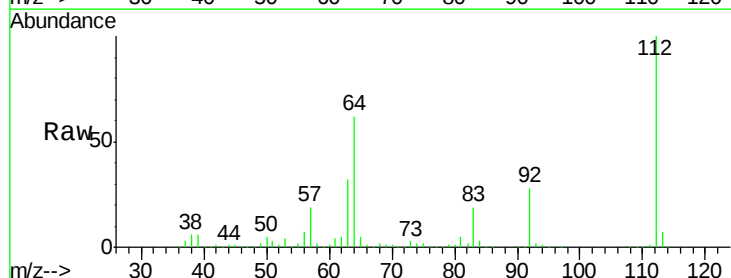
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.003 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	32.3	23.7	35.5

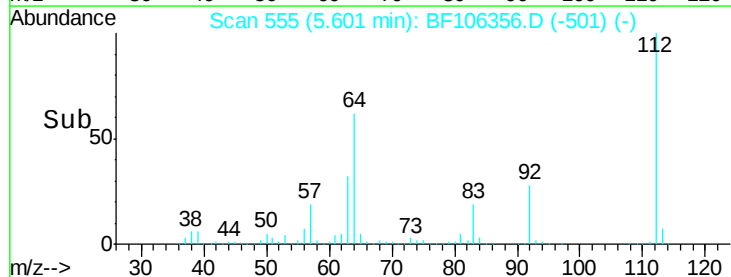
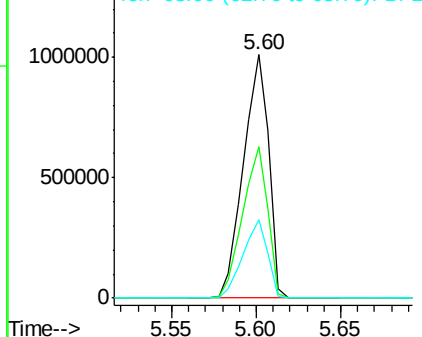


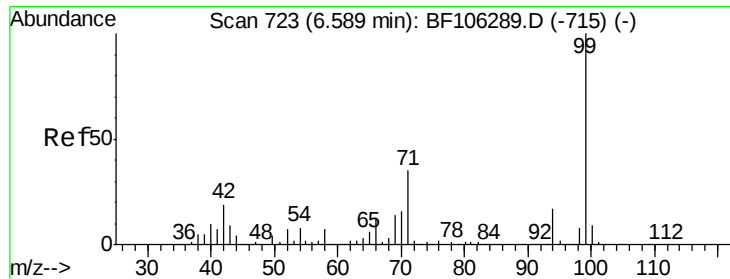
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 116.000 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-102-103-1-27

Tot Ion: 99 Resp: 1271841

Ion Ratio Lower Upper

99 100

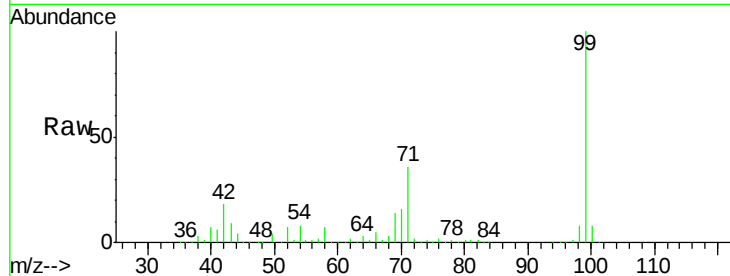
42 18.4 14.5 21.7

71 35.7 25.4 38.0

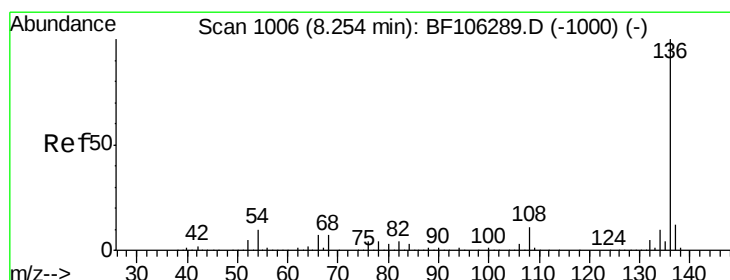
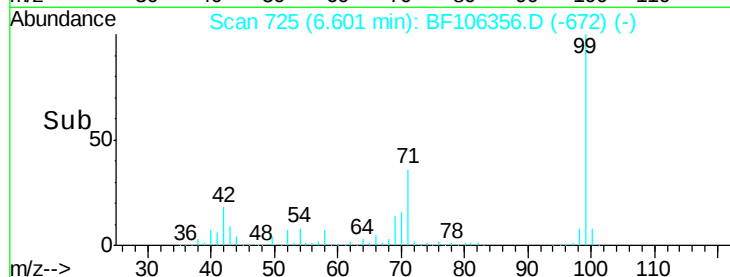
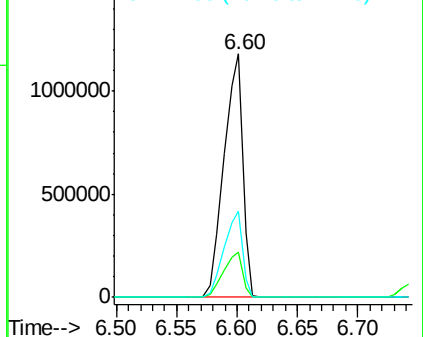
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

Tgt Ion: 136 Resp: 495243

Ion Ratio Lower Upper

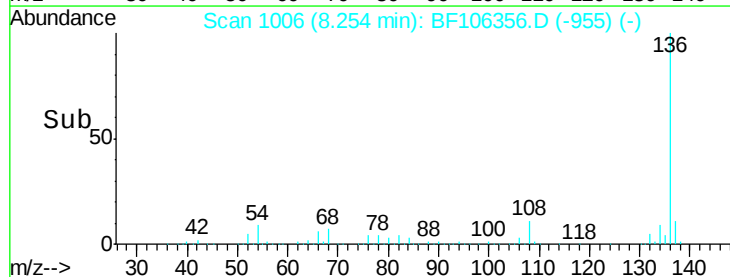
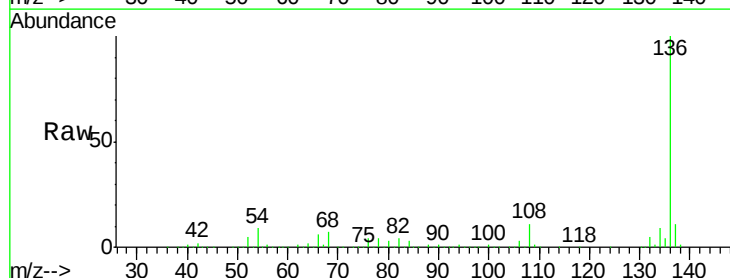
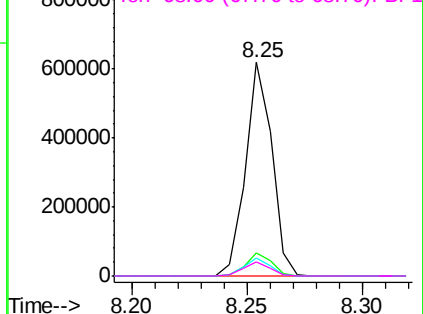
136 100

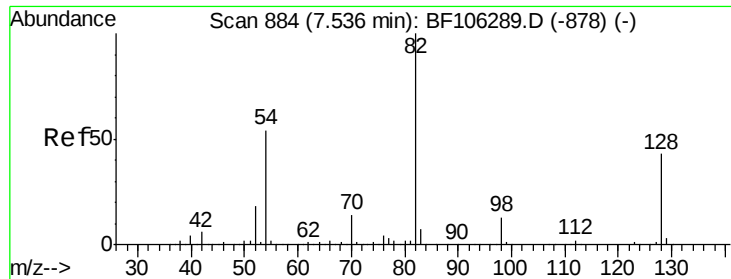
137 10.9 8.9 13.3

54 8.7 6.6 9.8

68 6.8 5.0 7.4

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





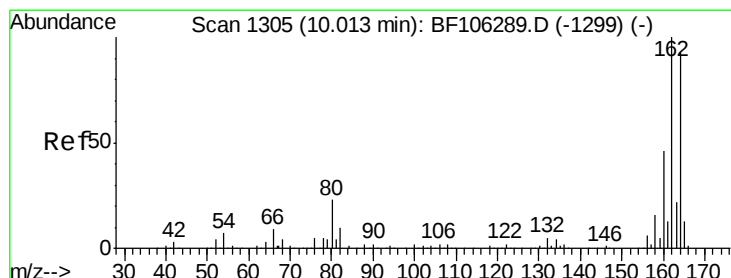
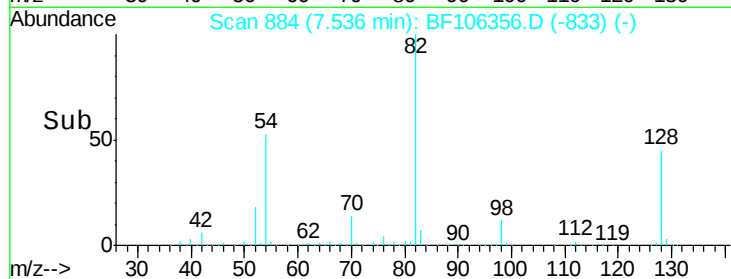
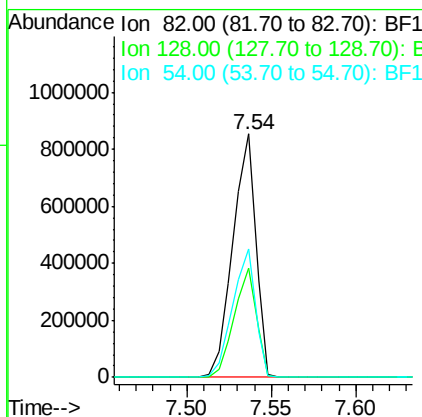
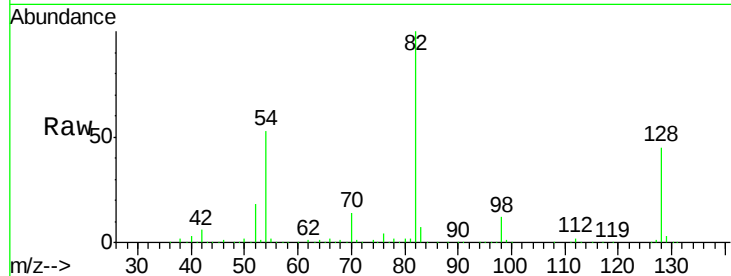
#23
 Nitrobenzene-d5
 Concen: 96.051 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106356.D
 Acq: 12 Jun 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-102-103-1-27

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	52.9	41.4	62.2

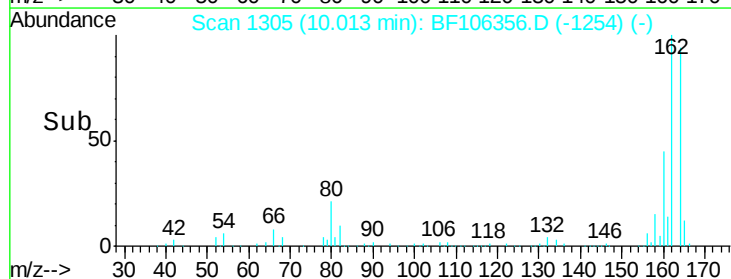
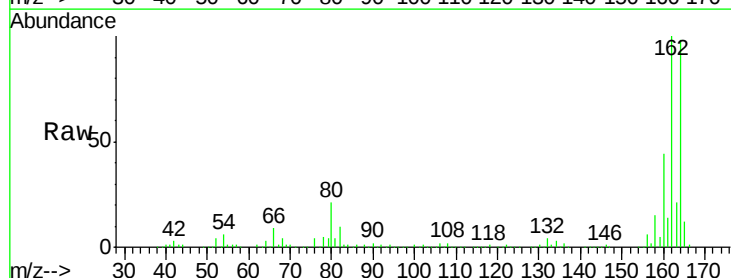
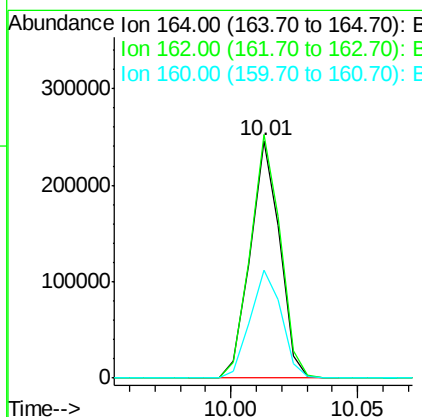
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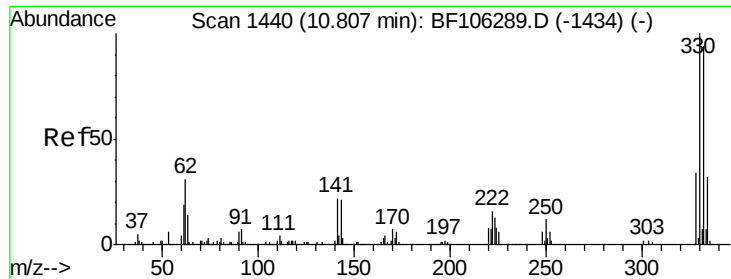
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106356.D
 Acq: 12 Jun 2018 20:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.5	38.3	57.5





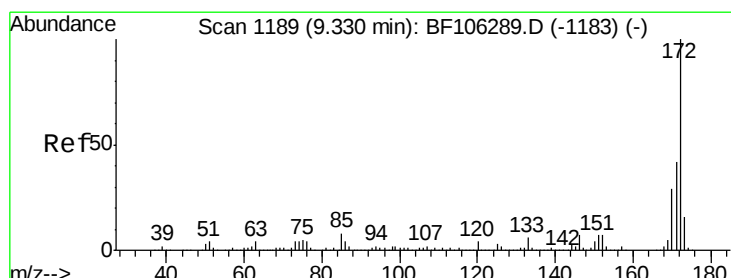
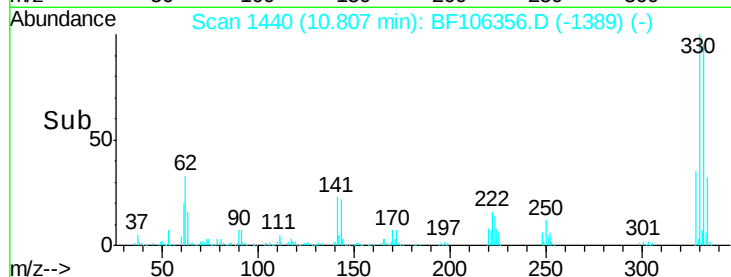
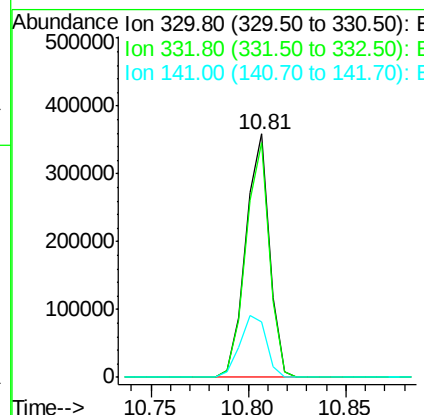
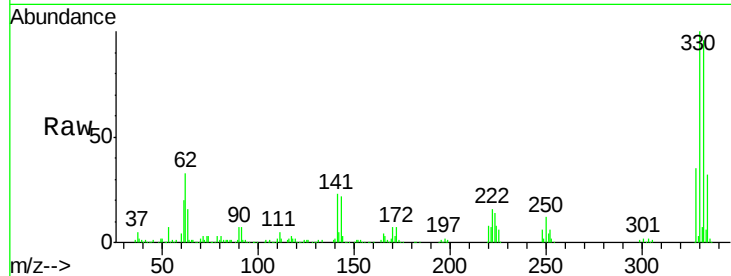
#41
 2,4,6-Tribromophenol
 Concen: 157.759 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106356.D
 Acq: 12 Jun 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-102-103-1-27

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	28.6	29.9	44.9	

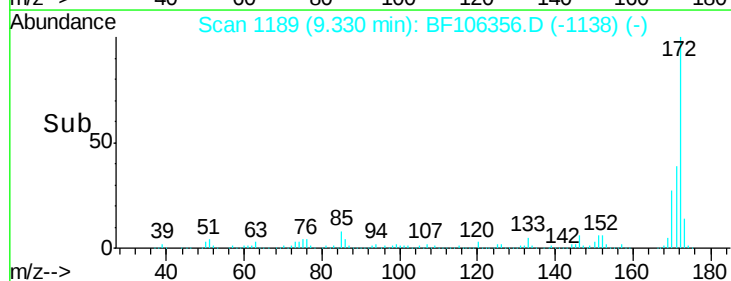
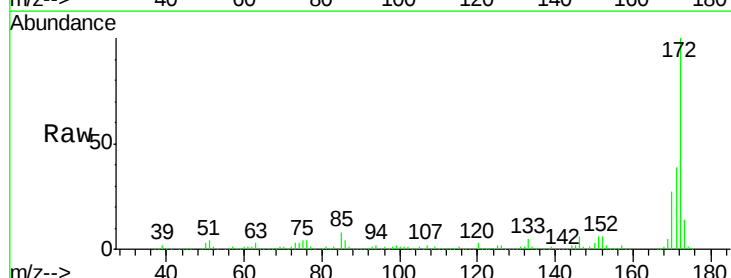
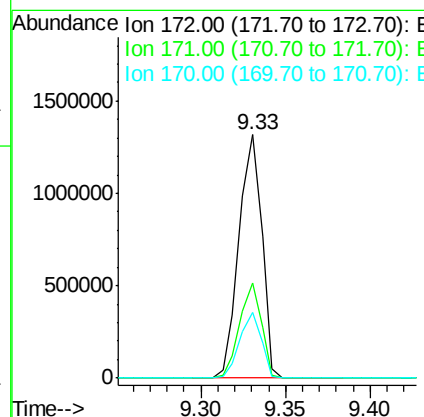
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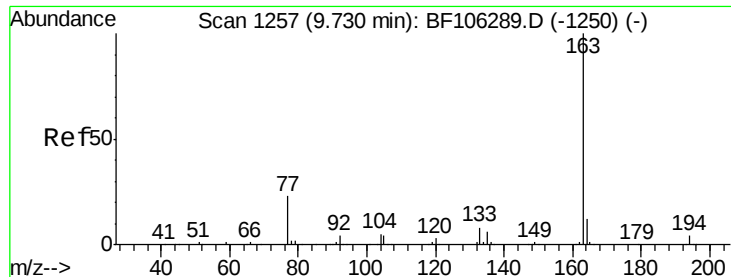
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#44
 2-Fluorobiphenyl
 Concen: 129.576 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106356.D
 Acq: 12 Jun 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	39.2	29.7	44.5	
170	27.0	19.6	29.4	





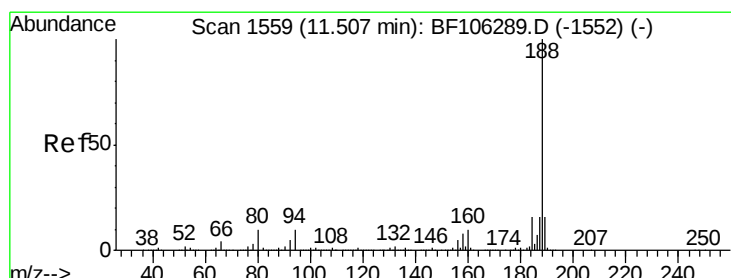
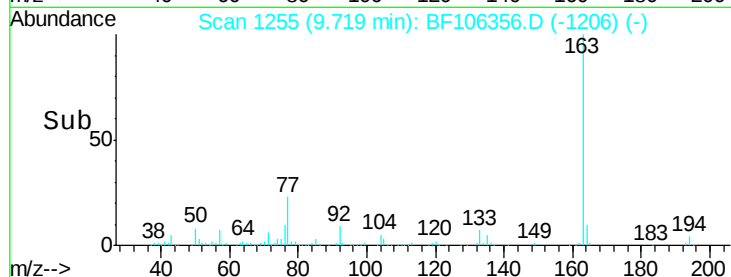
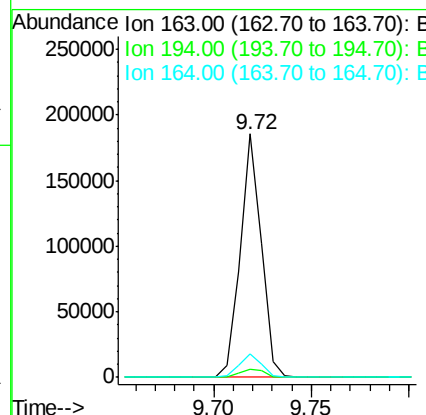
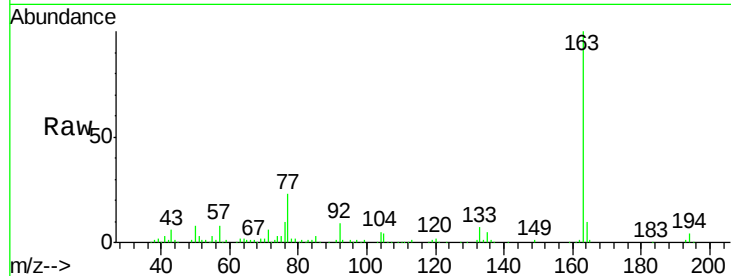
#49
Dimethylphthalate
Concen: 9.700 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-102-103-1-27

Tot Ion	Ratio	Resp	Lower	Upper
163	100	138382		
194	3.5	2.7	4.1	
164	9.8	8.2	12.2	

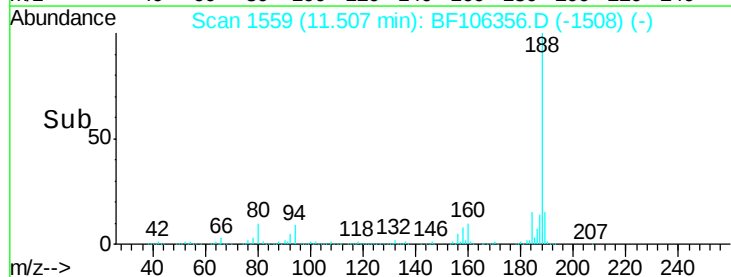
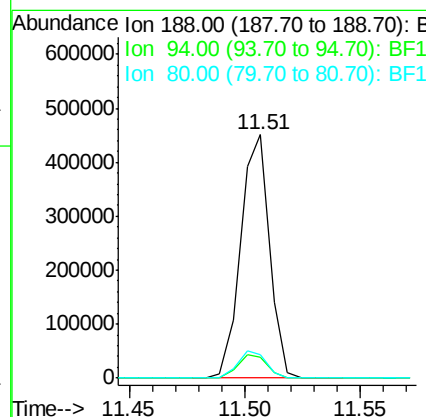
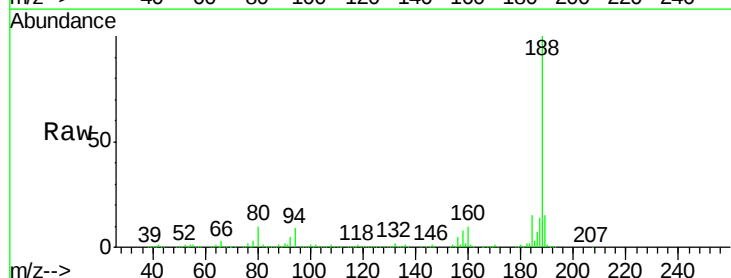
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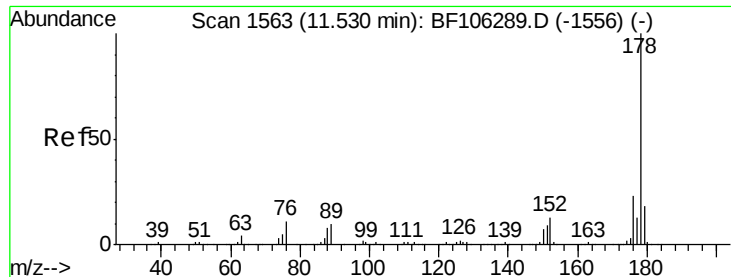
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	392401		
94	8.8	8.5	12.7	
80	9.8	9.2	13.8	





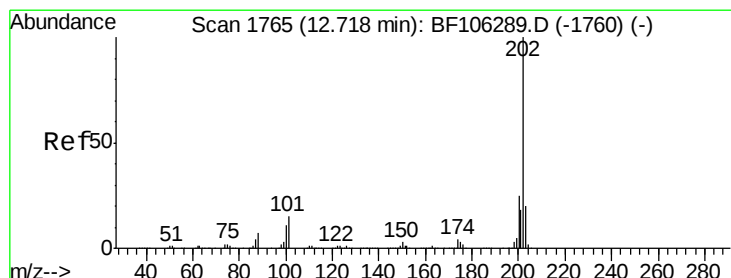
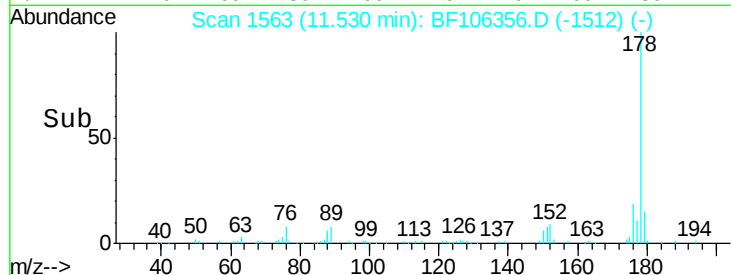
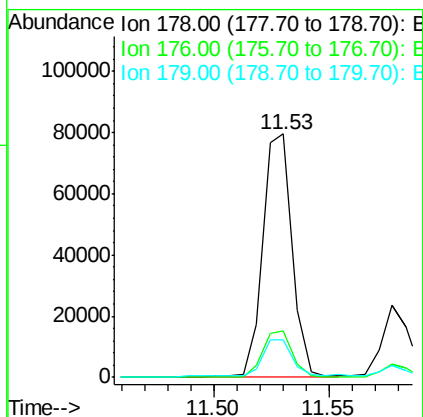
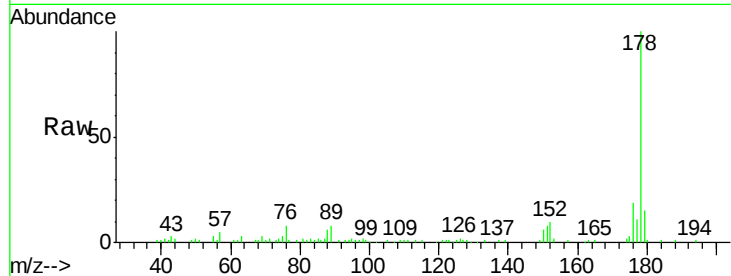
#70
Phenanthrene
Concen: 3.669 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-102-103-1-27

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.9	15.8	23.8	
179	15.5	13.0	19.6	

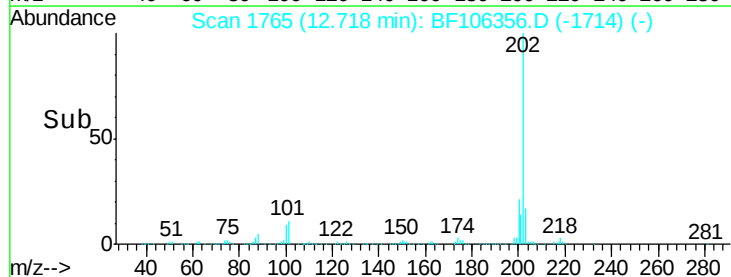
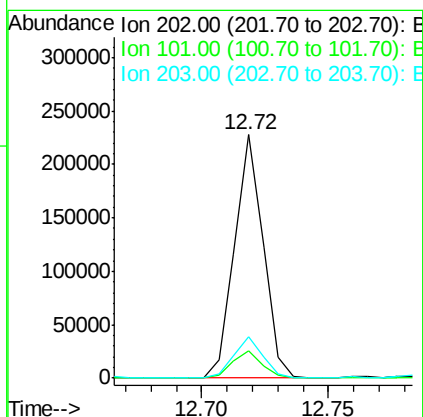
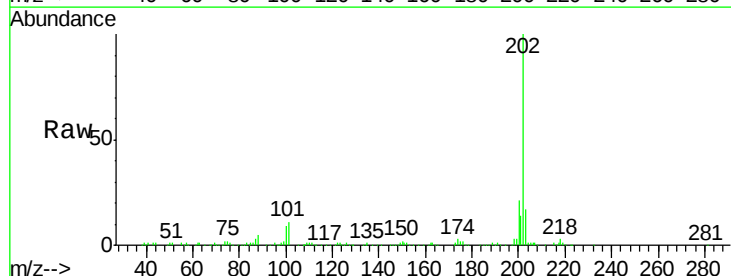
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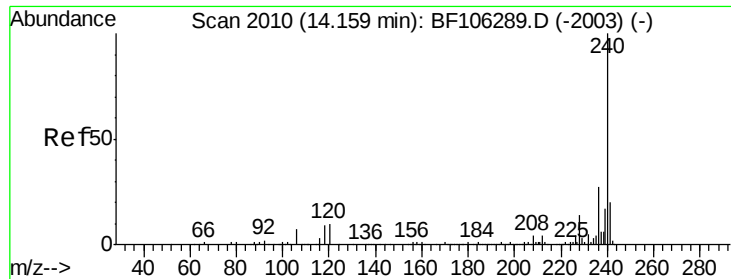
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#74
Fluoranthene
Concen: 8.746 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.4	0.0	34.1	
203	17.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

Instrument :

BNA_F

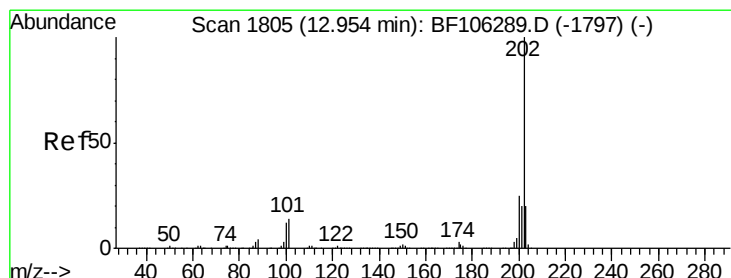
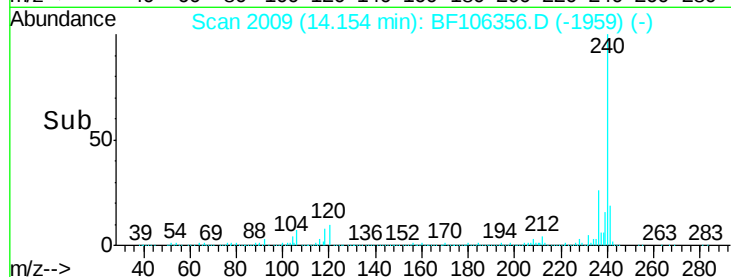
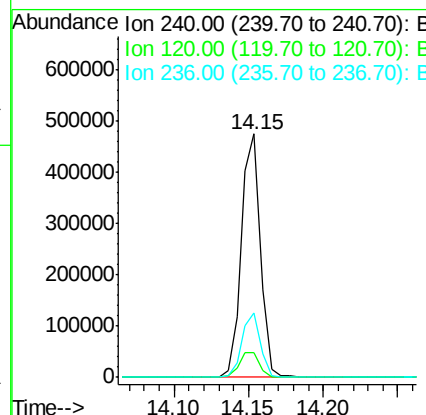
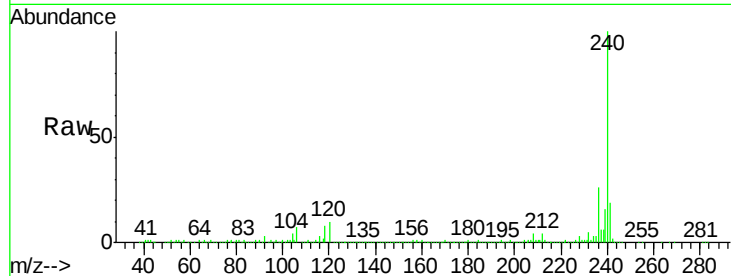
ClientSampleId :

CAS1-SB-102-103-1-27

Tot Ion	Ratio	Resp	Lower	Upper
240	100	427038		
120	10.2		9.5	14.3
236	26.3		20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 8.776 ng

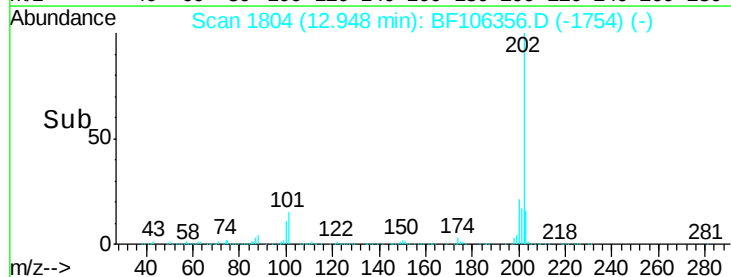
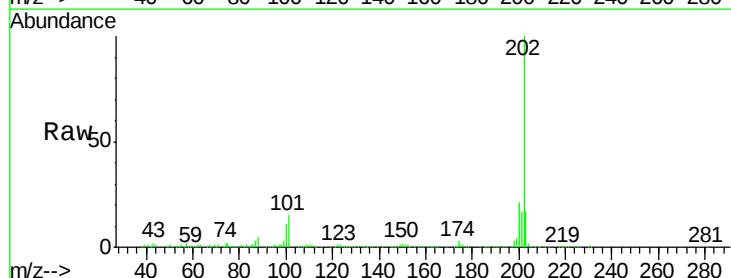
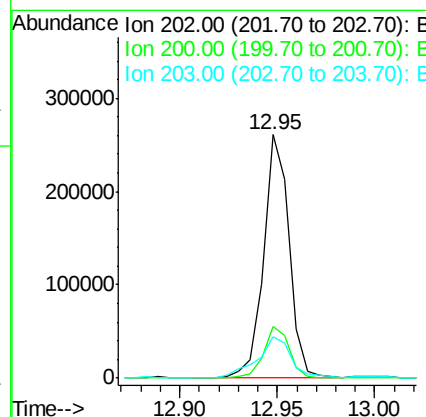
RT: 12.95 min Scan# 1804

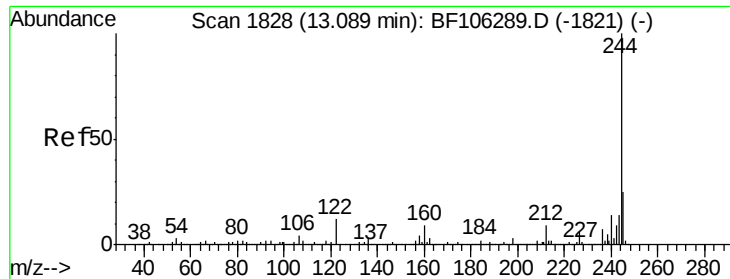
Delta R.T. -0.01 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	234637		
200	21.4		17.4	26.2
203	17.0		14.3	21.5





#78

Terphenyl-d14

Concen: 87.723 ng

RT: 13.09 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-102-103-1-27

Tot Ion:244 Resp: 1508227

Ion Ratio Lower Upper

244 100

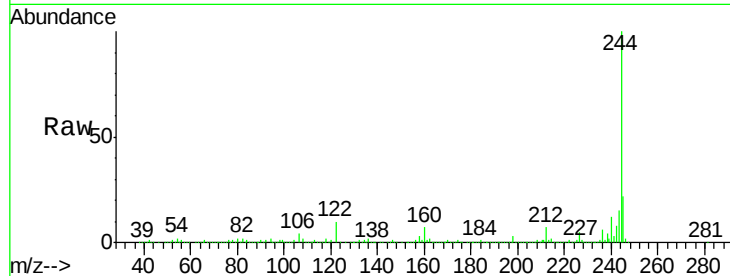
212 7.3 5.4 8.0

122 10.0 11.0 16.4#

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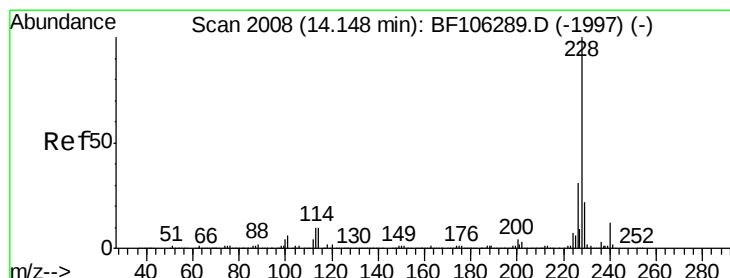
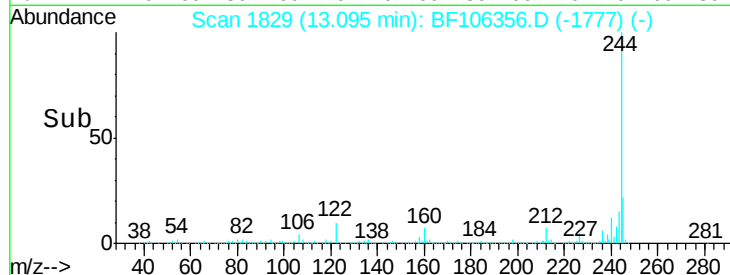
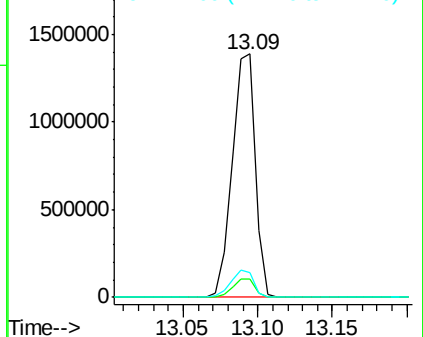
6/13/2018 4:56:14 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 4.122 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

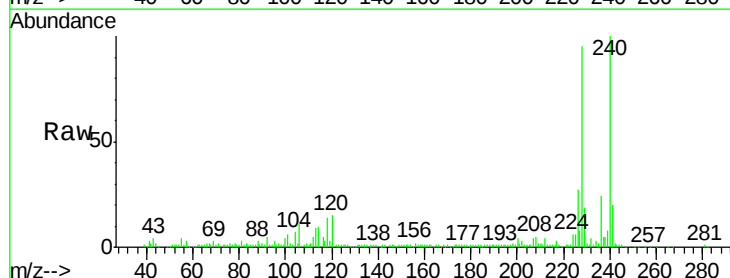
Tgt Ion:228 Resp: 104762

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

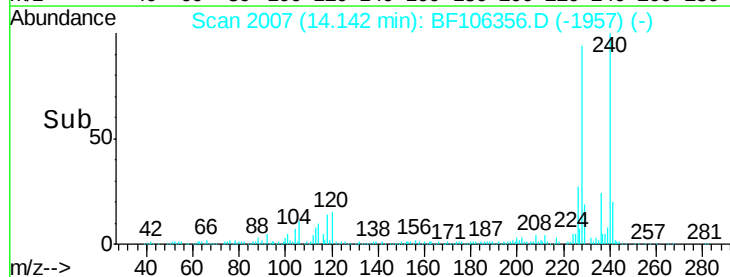
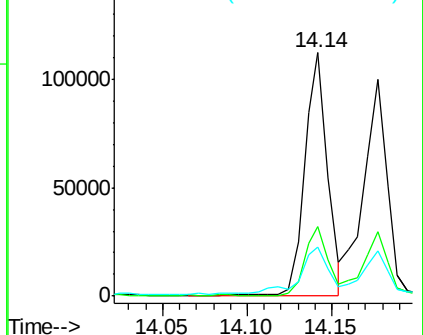
229 20.3 15.8 23.6

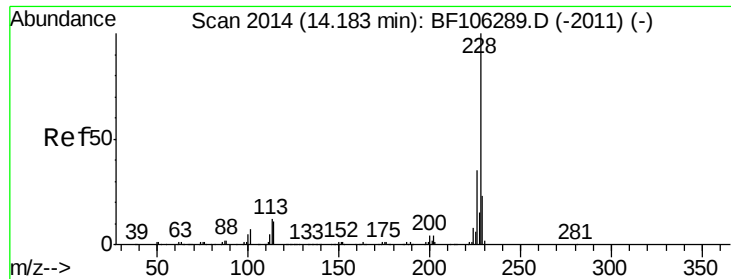


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





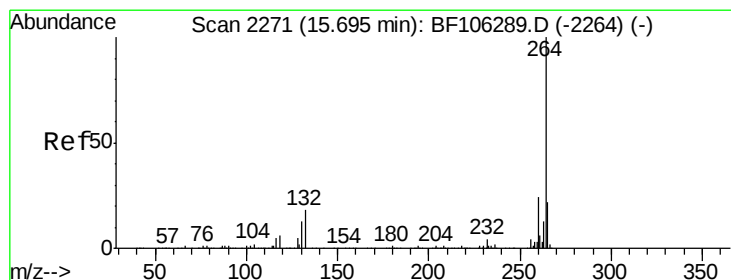
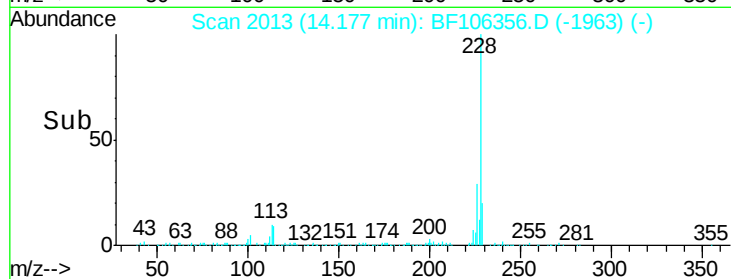
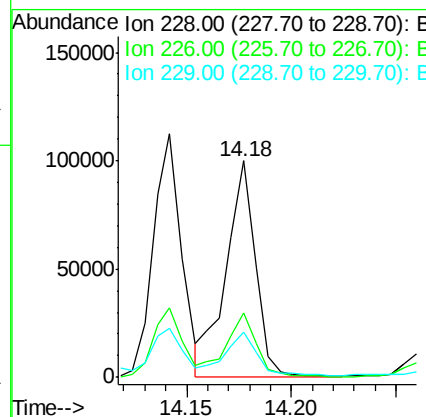
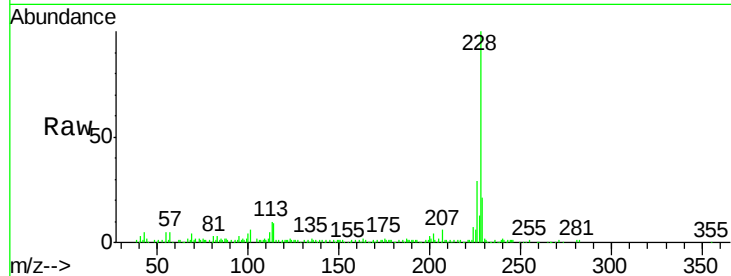
#82
Chrysene
Concen: 4.217 ng/mL
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-102-103-1-27

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.1	16.2	24.4

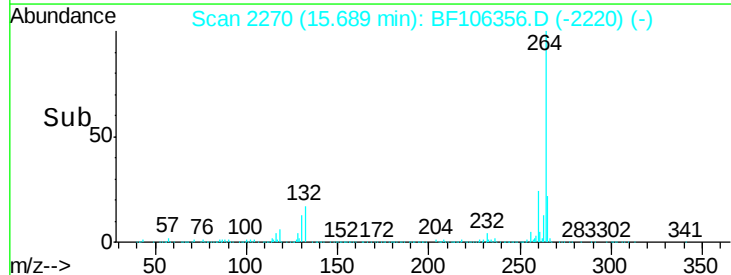
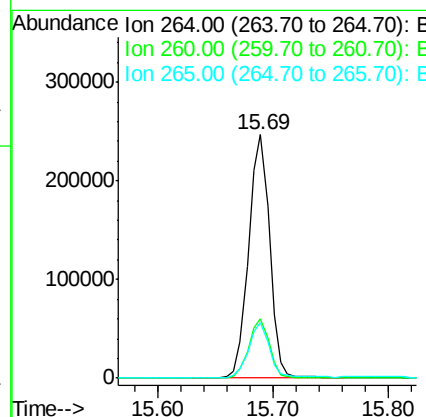
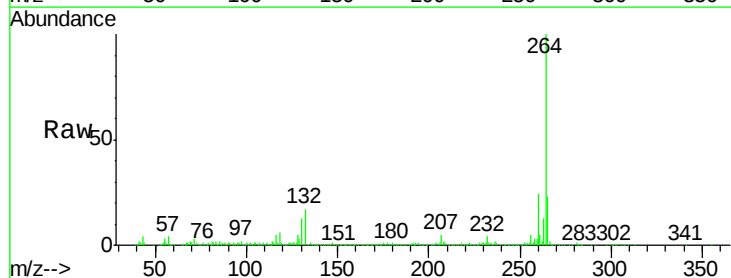
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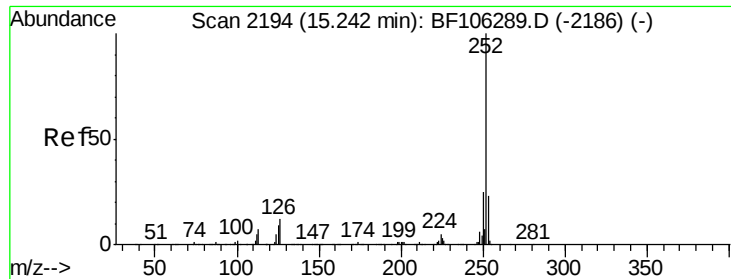
Sohil
6/13/2018 4:56:14 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.086 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

Instrument :

BNA_F

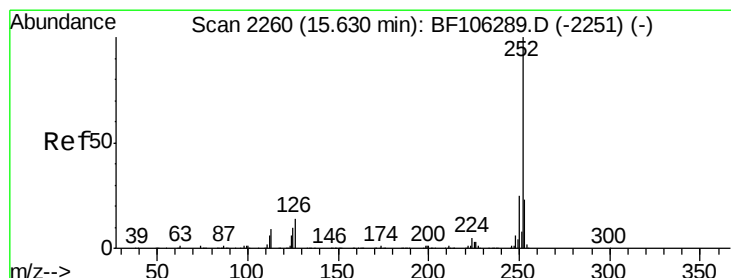
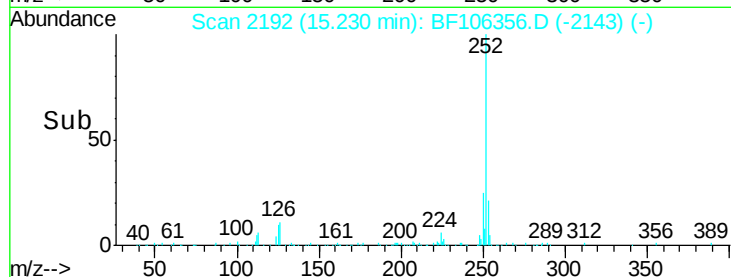
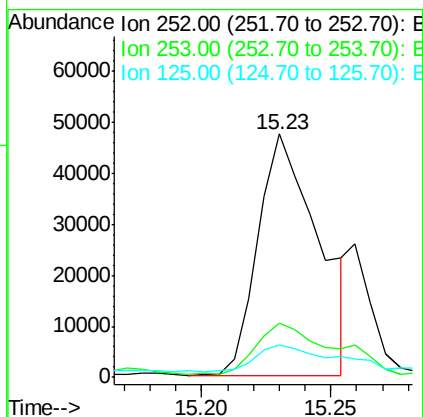
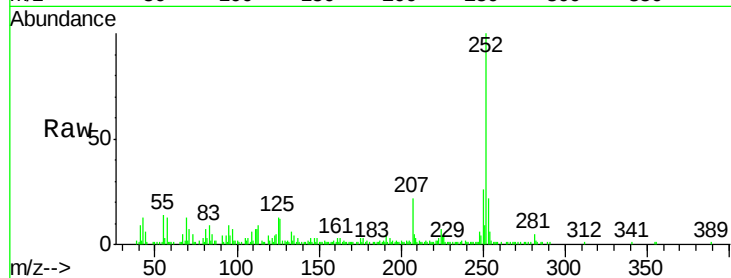
ClientSampleId :

CAS1-SB-102-103-1-27

Tot Ion:	252	Resp:	77004
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	13.3	9.0	13.6

Manual Integrations
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Sohil
6/13/2018 4:56:14 PM



#89

Benzo(a)pyrene

Concen: 3.510 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF106356.D

Acq: 12 Jun 2018 20:30

Tgt Ion:	252	Resp:	59502
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	12.7	9.8	14.6

