

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106418.D
 Acq On : 14 Jun 2018 3:56
 Operator : JU/SJ
 Sample : J3446-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
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Quant Time: Jun 14 06:58:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138291	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	523903	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	248268	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	454896	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	356590	20.00	ng	-0.02
86) Perylene-d12	15.67	264	355382	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	819413	100.29	ng	-0.02
7) Phenol-d6	6.61	99	1017929	98.61	ng	-0.02
23) Nitrobenzene-d5	7.52	82	666602	74.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	275758	115.44	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1098708	75.93	ng	0.00
78) Terphenyl-d14	13.08	244	1008692	70.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	203798	11.490	ng	99
70) Phenanthrene	11.52	178	216056	9.698	ng	97
74) Fluoranthene	12.71	202	284815	11.988	ng	97
77) Pyrene	12.94	202	311389	13.948	ng	100
80) Benzo(a)anthracene	14.13	228	175011	8.247	ng	95
82) Chrysene	14.17	228	166781	8.608	ng	97
85) Indeno(1,2,3-cd)pyrene	17.22	276	50786	3.284	ng	94
87) Benzo(b)fluoranthene	15.21	252	175904m	8.188	ng	
88) Benzo(k)fluoranthene	15.24	252	63973m	3.007	ng	
89) Benzo(a)pyrene	15.60	252	133908	6.930	ng	96
91) Benzo(g,h,i)perylene	17.69	276	55398	3.539	ng	# 88

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

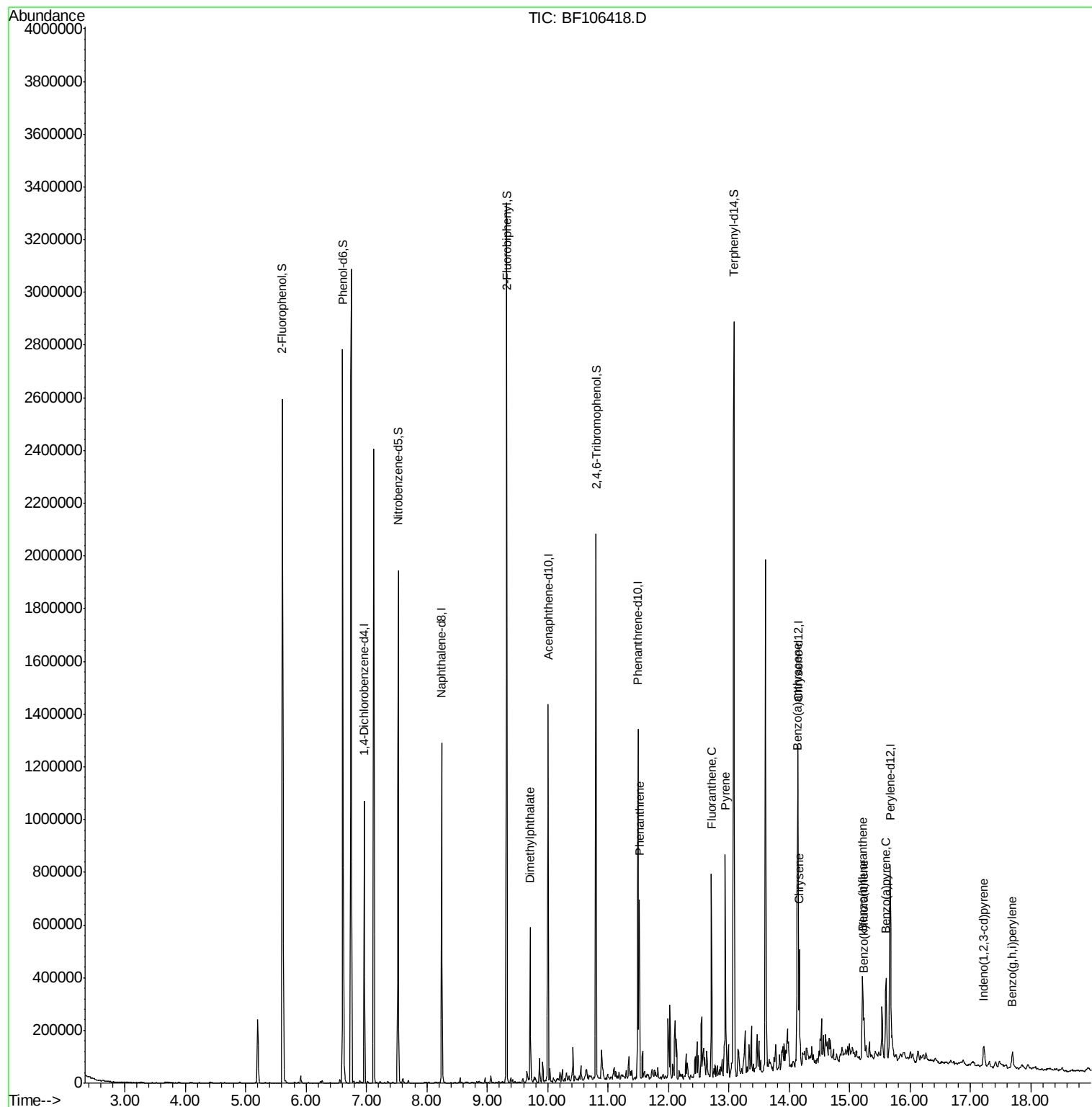
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106418.D
Acq On : 14 Jun 2018 3:56
Operator : JU/SJ
Sample : J3446-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

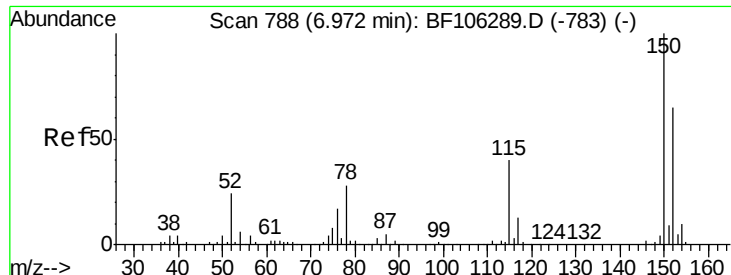
Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Time: Jun 14 06:58:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

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#1

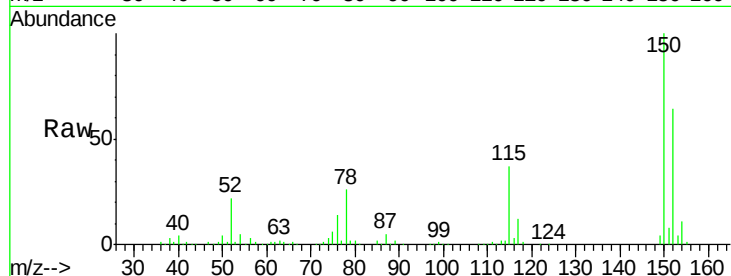
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
152	100	138291		
150	156.9	124.6	186.8	
115	58.8	50.1	75.1	

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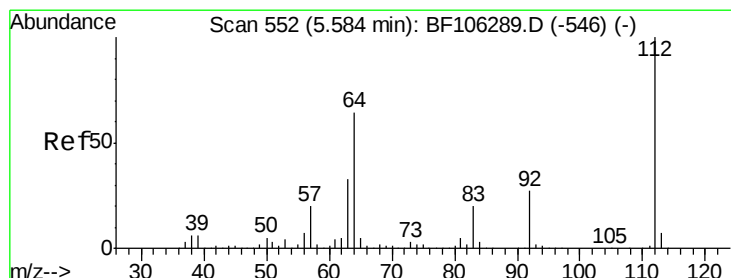
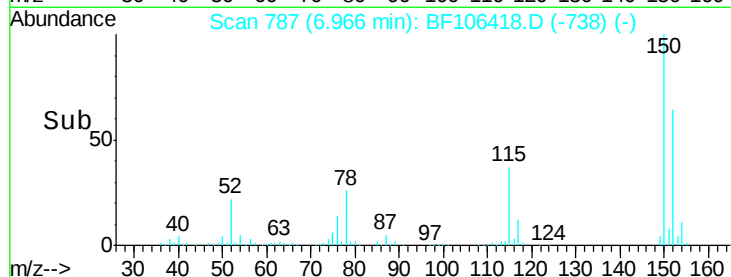
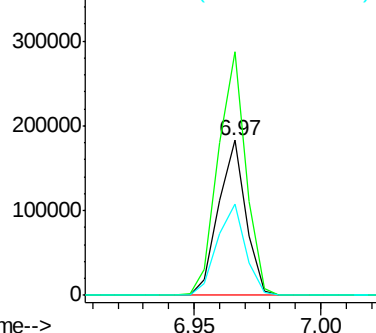


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

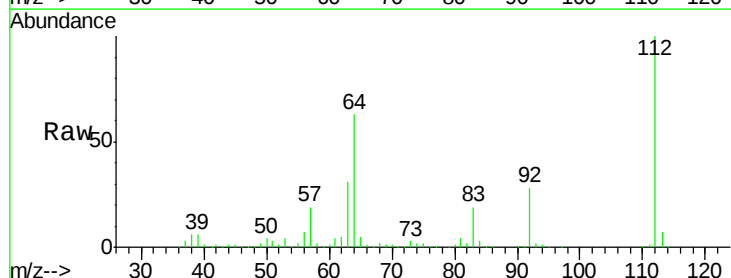
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.285 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	819413		
64	62.5	47.9	71.9	
63	31.3	23.7	35.5	

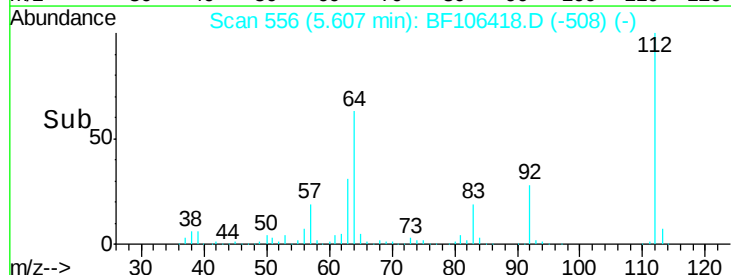
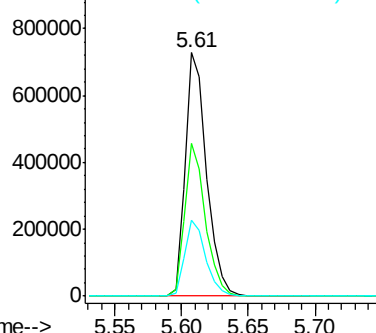


Abundance

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: 98.607 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106418.D

Acq: 14 Jun 2018 3:56

Instrument :

BNA_F

ClientSampled :

SP-1

Tot Ion: 99 Resp: 1017929

Ion Ratio Lower Upper

99 100

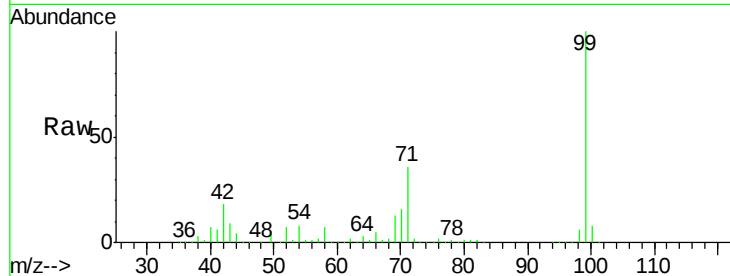
42 18.4 14.5 21.7

71 35.6 25.4 38.0

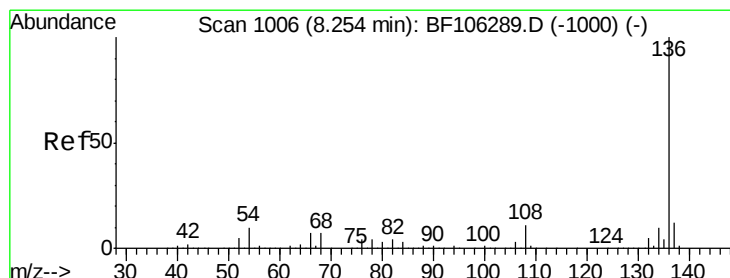
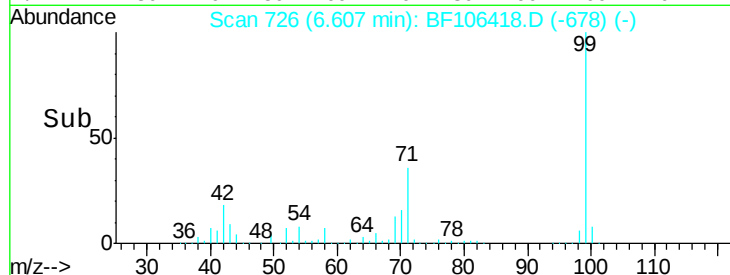
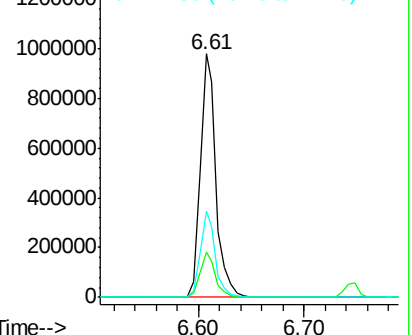
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106418.D

Acq: 14 Jun 2018 3:56

Tgt Ion: 136 Resp: 523903

Ion Ratio Lower Upper

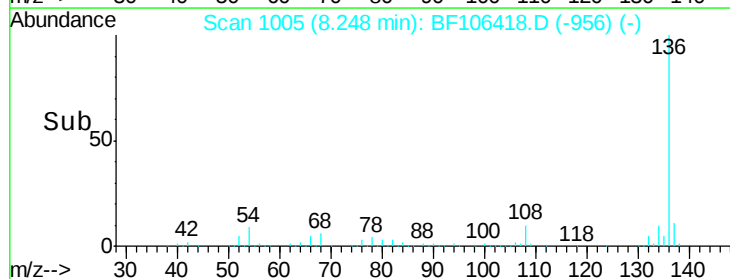
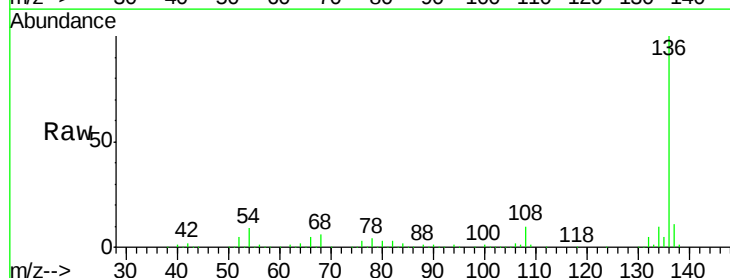
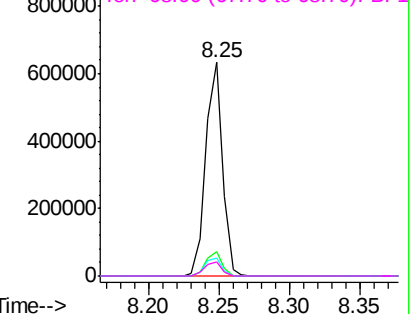
136 100

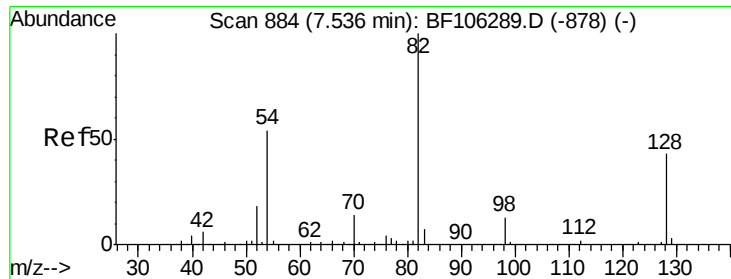
137 11.4 8.9 13.3

54 8.5 6.6 9.8

68 6.4 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





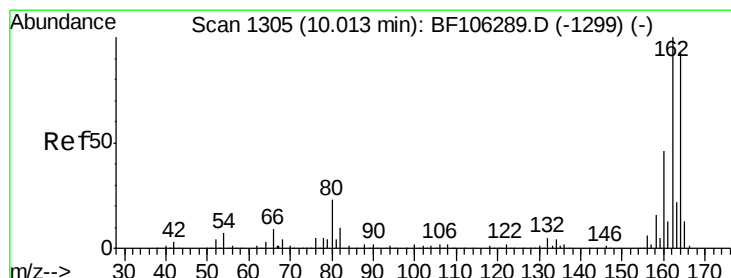
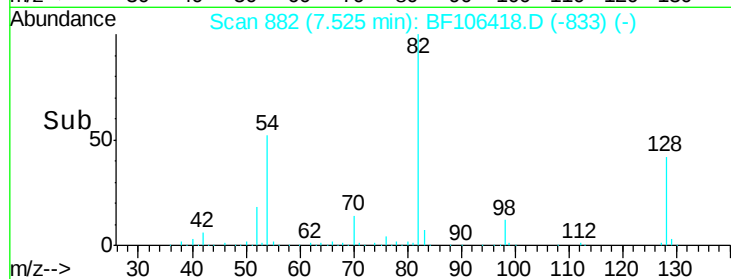
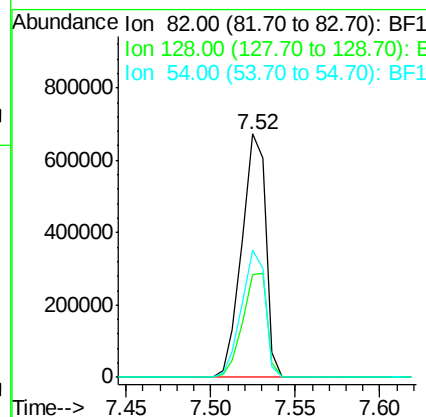
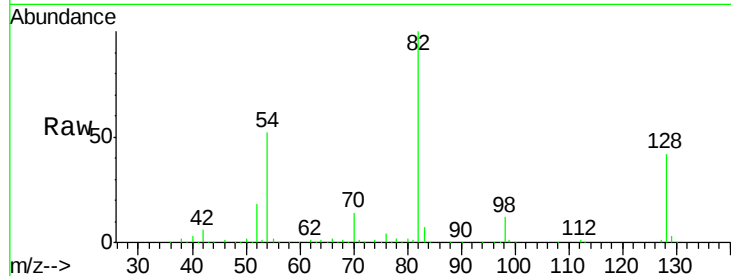
#23
 Nitrobenzene-d5
 Concen: 74.852 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106418.D
 Acq: 14 Jun 2018 3:56

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	52.1	41.4	62.2

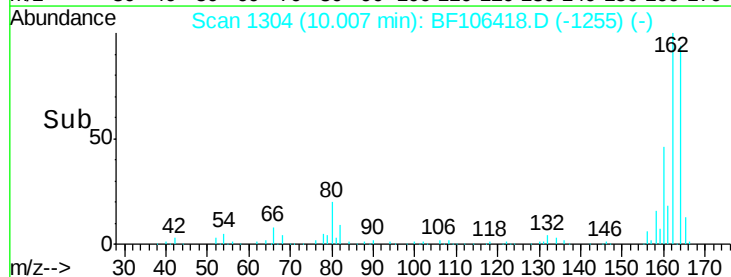
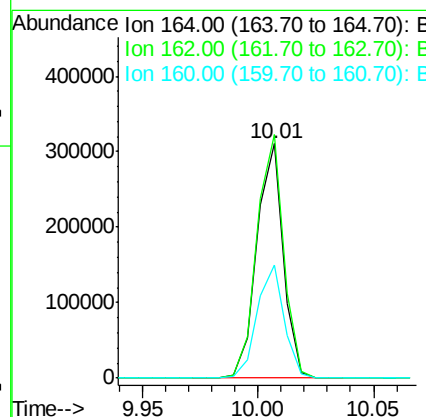
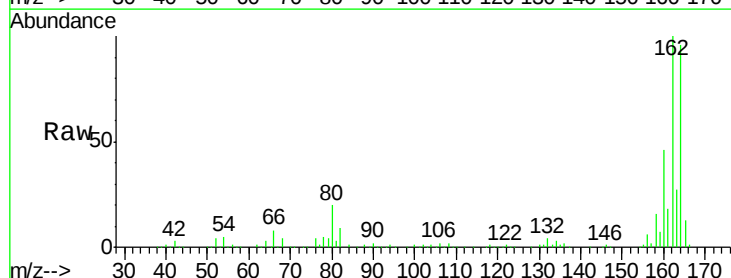
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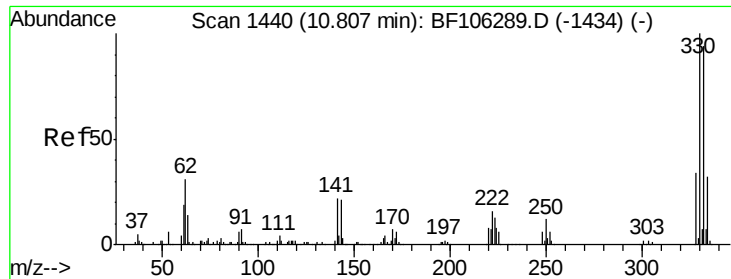
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106418.D
 Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	48.3	38.3	57.5





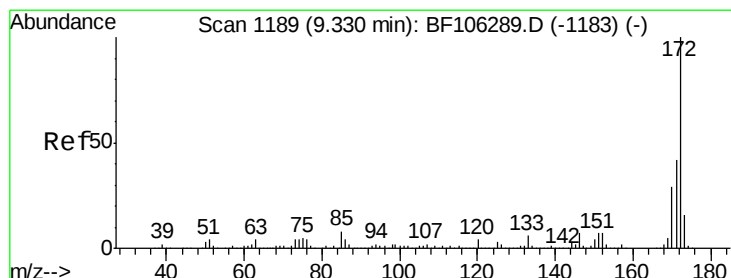
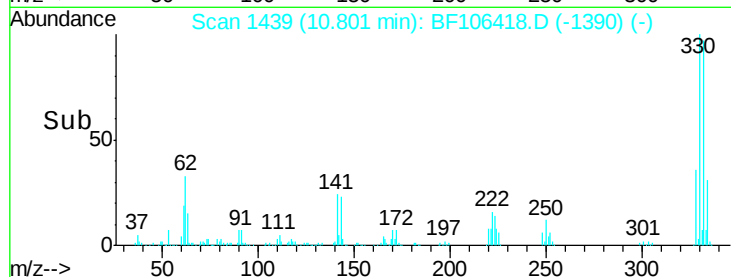
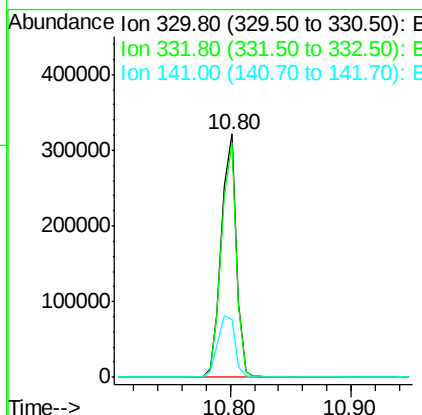
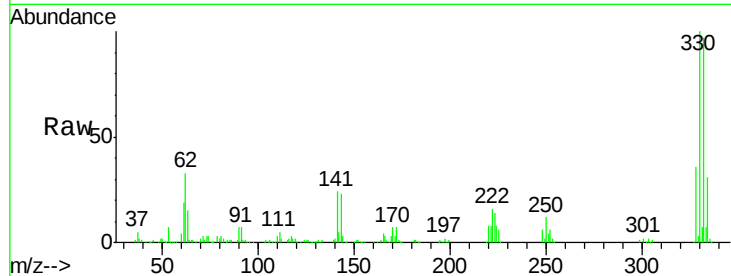
#41
 2,4,6-Tribromophenol
 Concen: 115.439 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106418.D
 Acq: 14 Jun 2018 3:56

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	275758		
332	95.8	77.0	115.6	
141	29.1	29.9	44.9#	

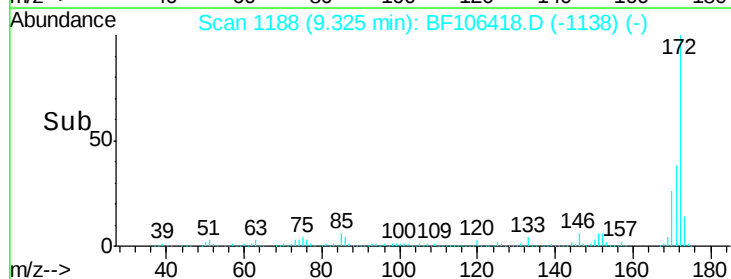
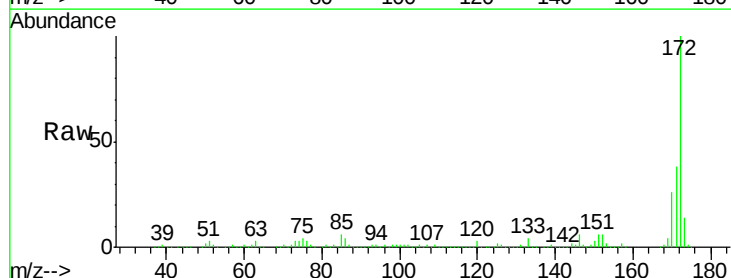
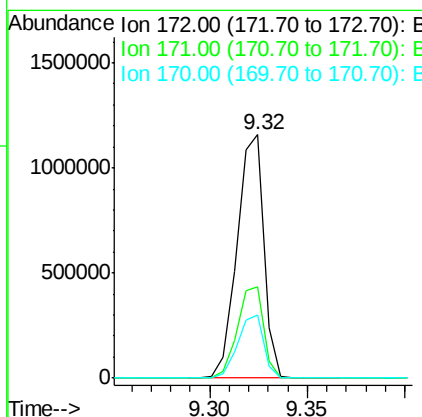
Manual Integrations
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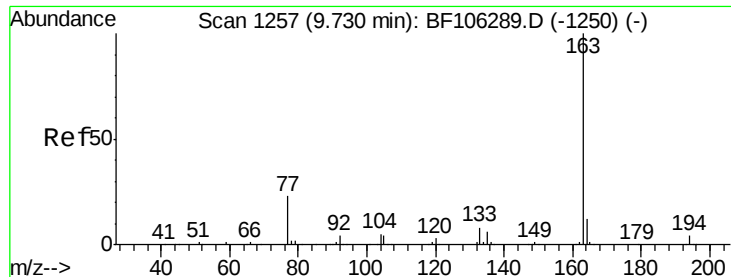
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#44
 2-Fluorobiphenyl
 Concen: 75.928 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106418.D
 Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1098708		
171	37.6	29.7	44.5	
170	25.7	19.6	29.4	





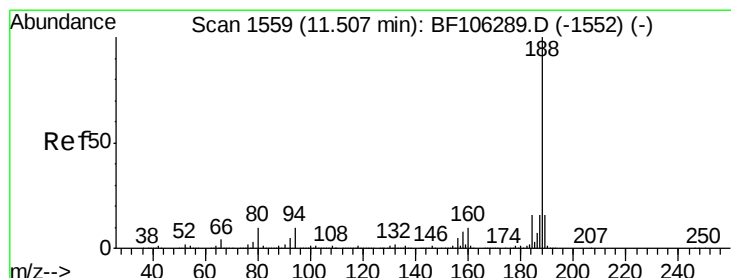
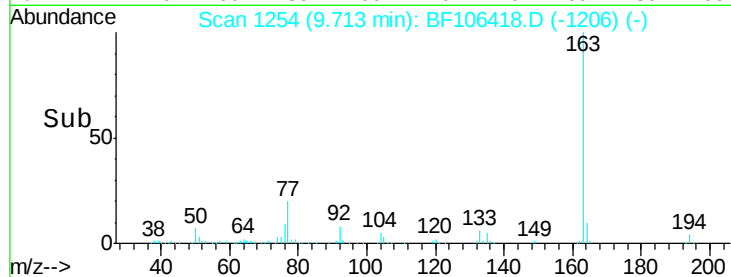
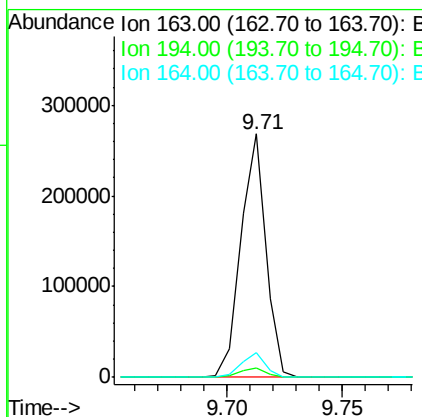
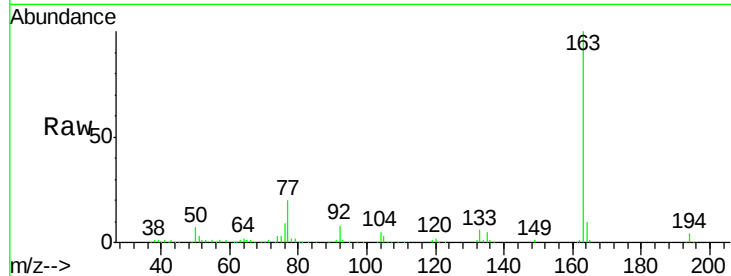
#49
Dimethylphthalate
Concen: 11.490 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	203798		
194	4.0		2.7	4.1
164	10.3		8.2	12.2

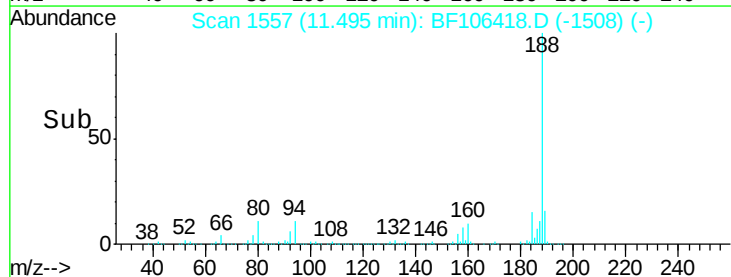
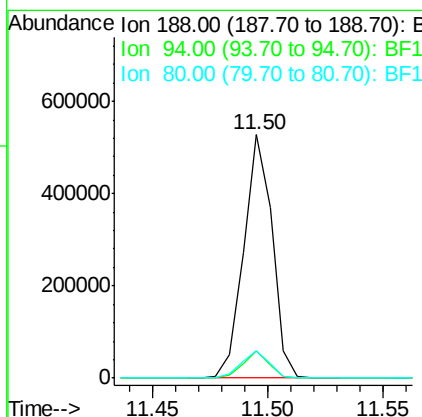
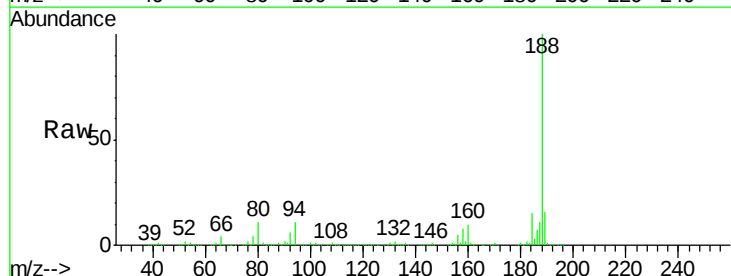
Manual Integrations
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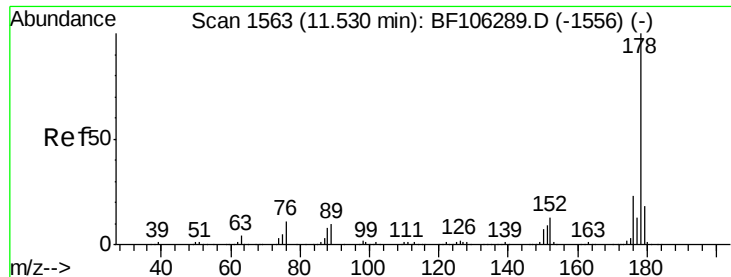
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	454896		
94	11.1		8.5	12.7
80	11.4		9.2	13.8





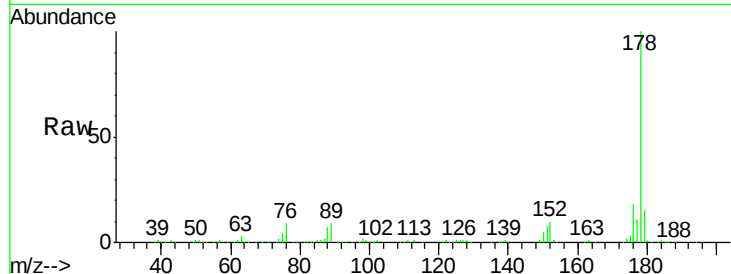
#70
Phenanthrene
Concen: 9.698 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.7	13.0	19.6

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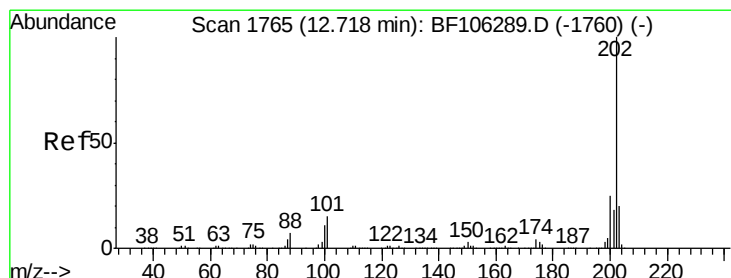
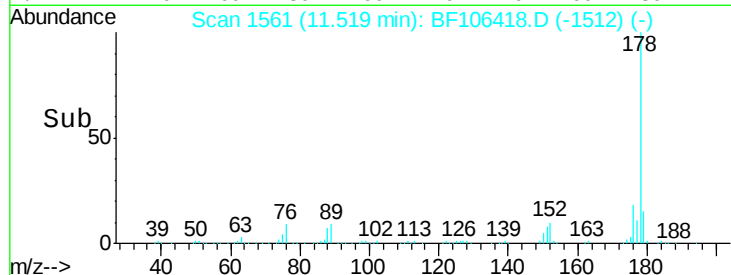
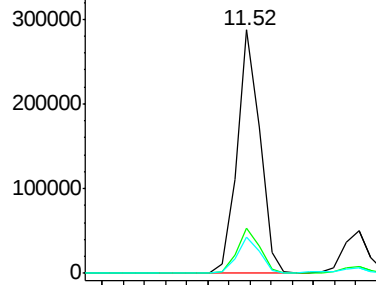


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 11.988 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

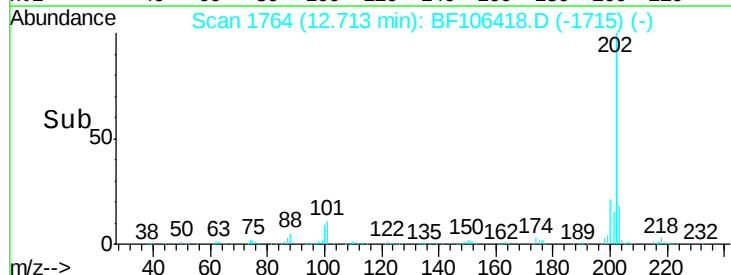
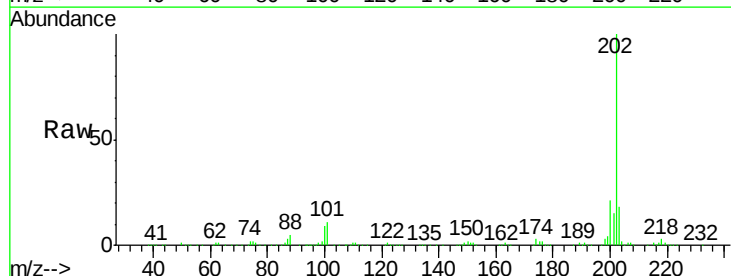
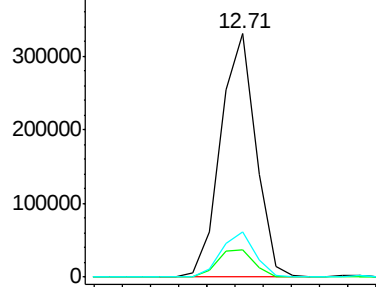
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.4	0.0	38.1

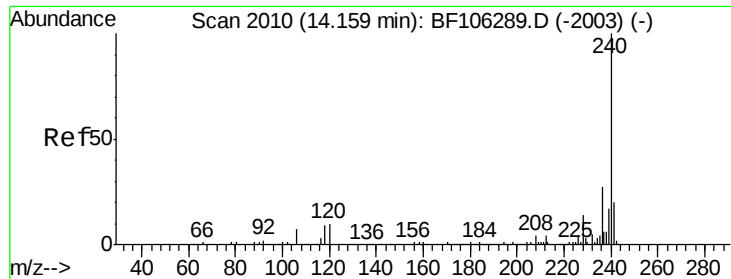
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106418.D

Acq: 14 Jun 2018 3:56

Instrument :

BNA_F

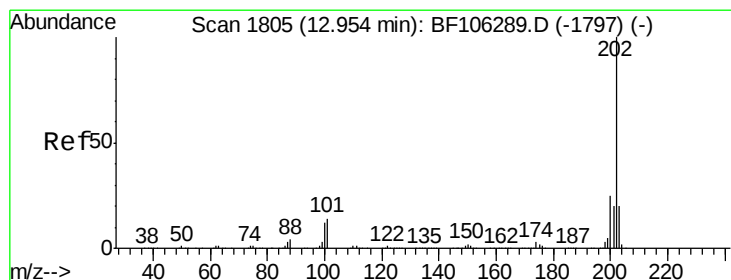
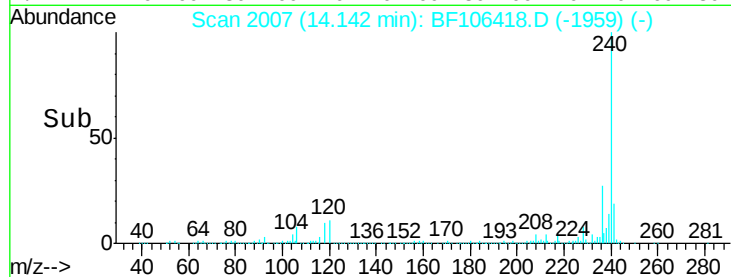
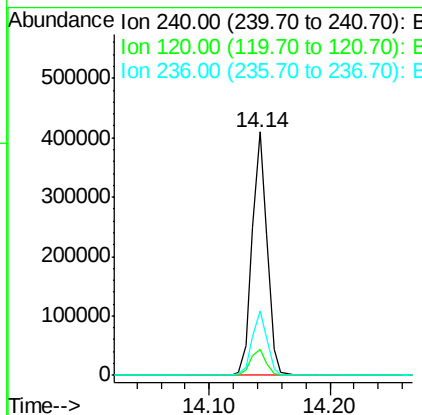
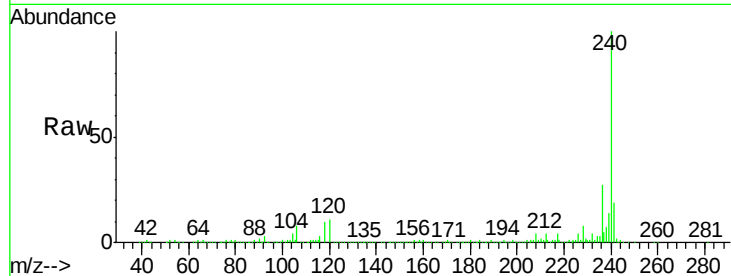
ClientSampled :

SP-1

Tot Ion:	240	Resp:	356590
Ion Ratio		Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.6	20.7	31.1

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#77

Pyrene

Concen: 13.948 ng

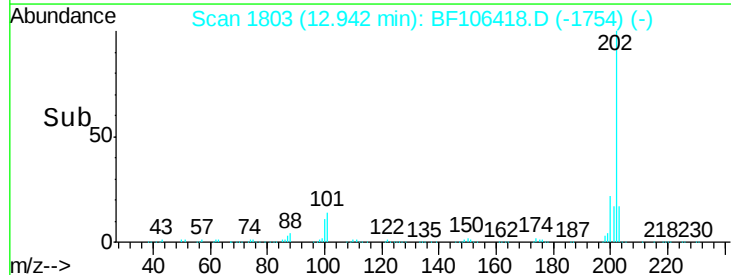
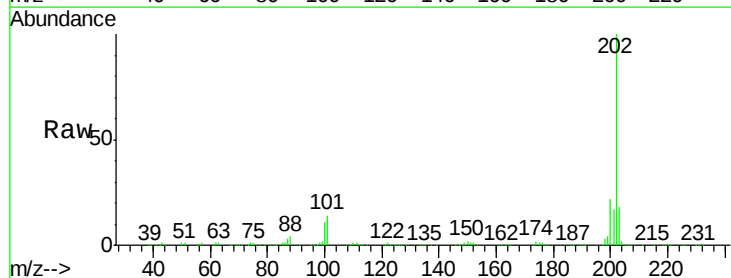
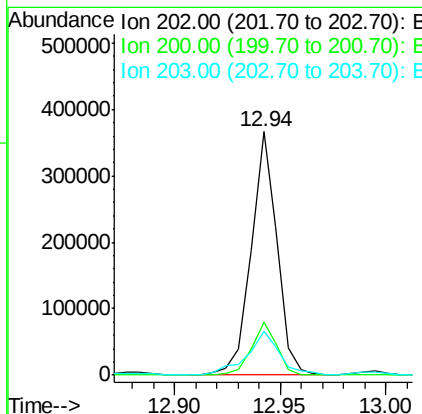
RT: 12.94 min Scan# 1803

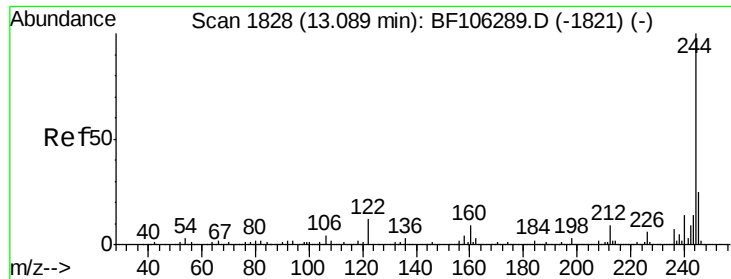
Delta R.T. -0.01 min

Lab File: BF106418.D

Acq: 14 Jun 2018 3:56

Tgt Ion:	202	Resp:	311389
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5





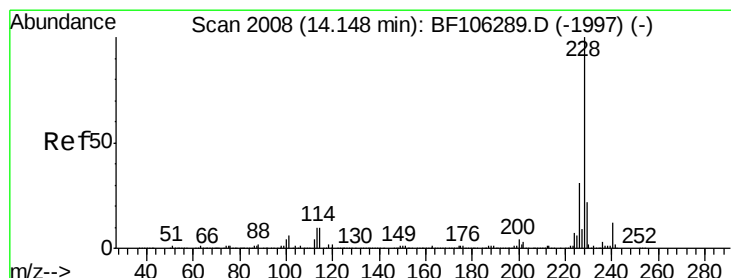
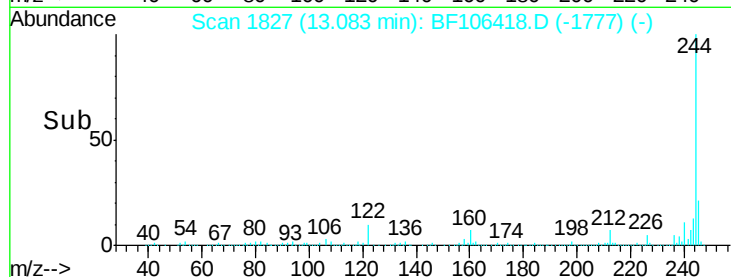
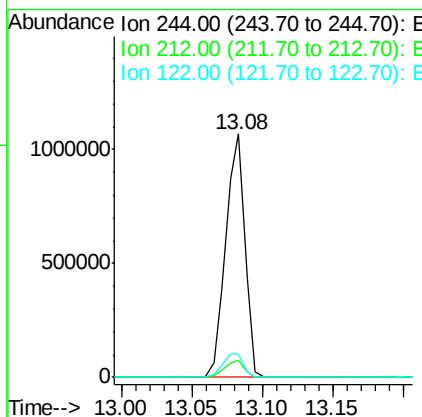
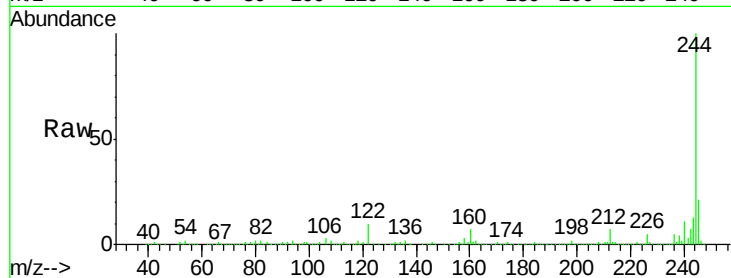
#78
 Terphenyl-d14
 Concen: 70.259 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106418.D
 Acq: 14 Jun 2018 3:56

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.7	11.0	16.4

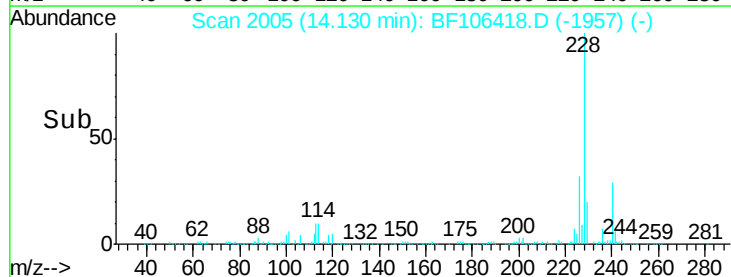
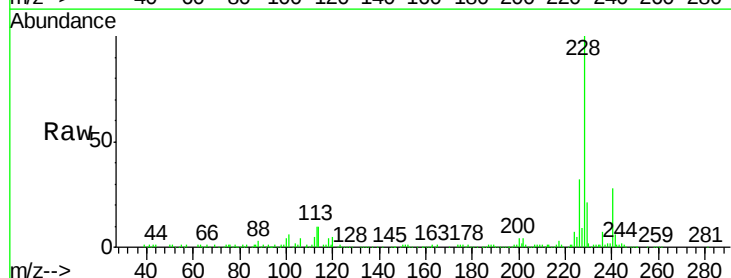
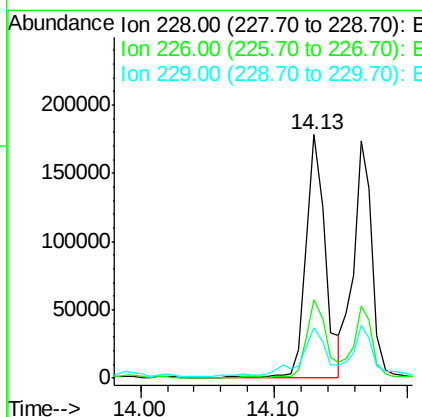
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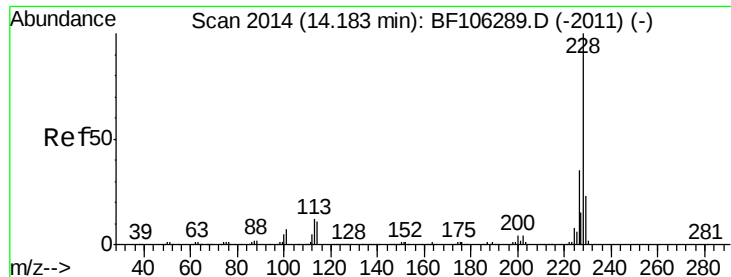
Sohil
 6/14/2018 2:48:21 PM



#80
 Benzo(a)anthracene
 Concen: 8.247 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF106418.D
 Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	20.9	15.8	23.6





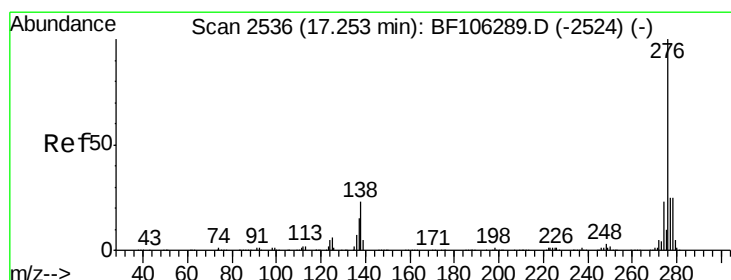
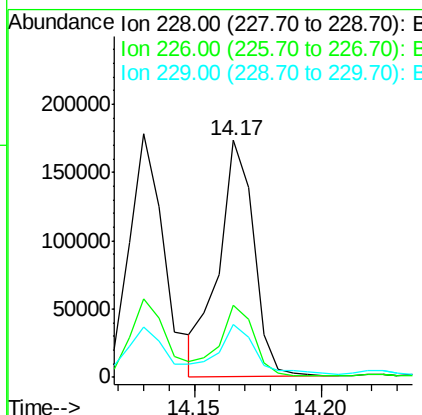
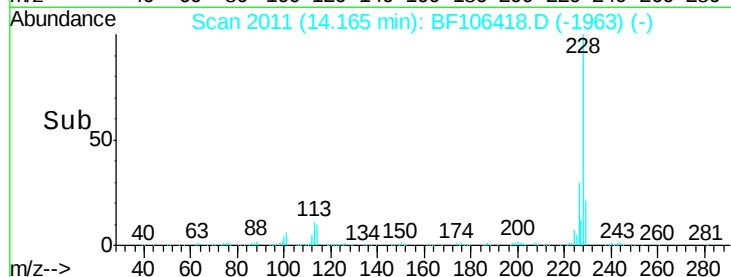
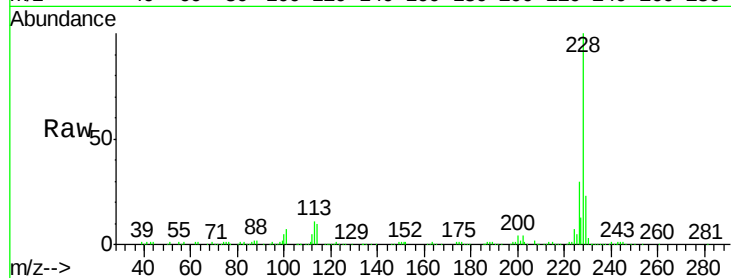
#82
Chrysene
Concen: 8.608 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.5	16.2	24.4

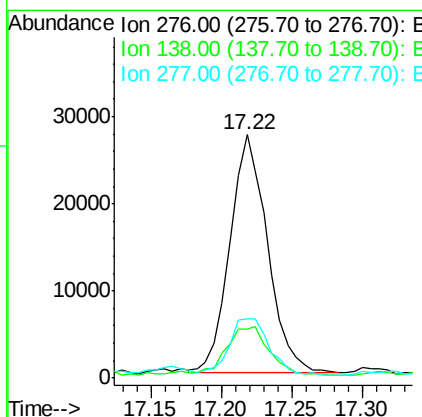
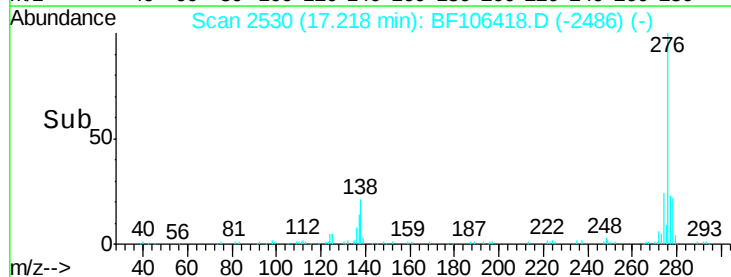
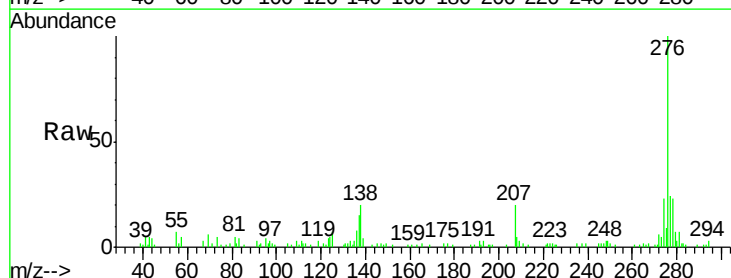
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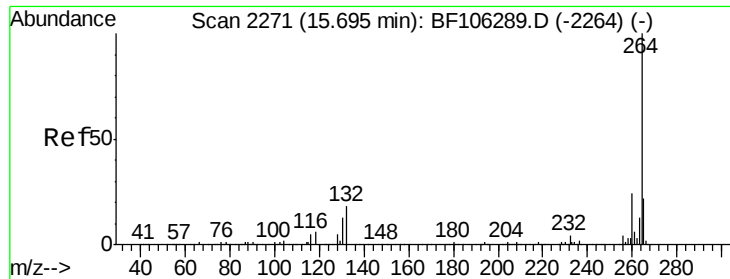
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.284 ng
RT: 17.22 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	26.2	20.1	30.1





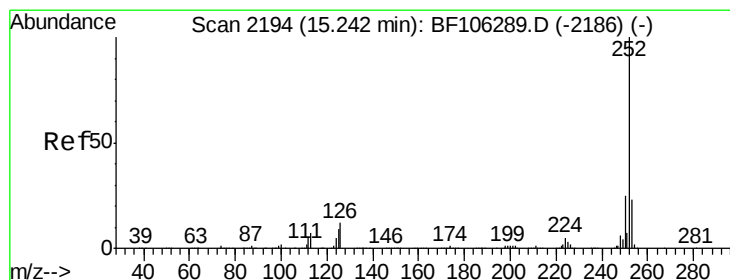
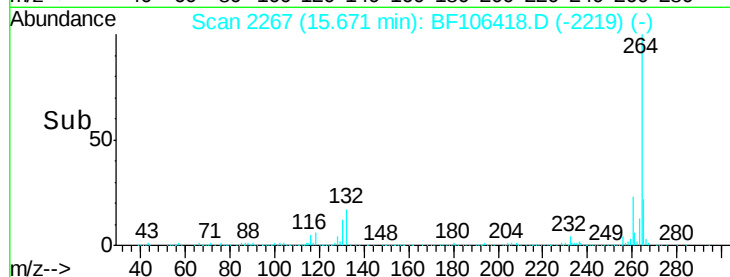
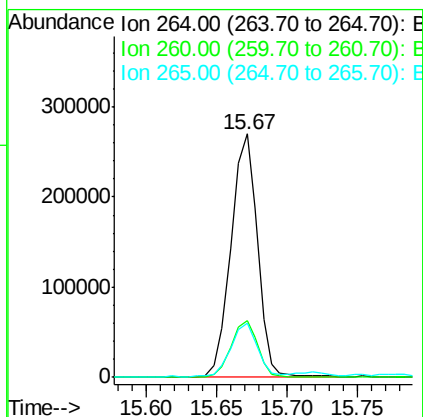
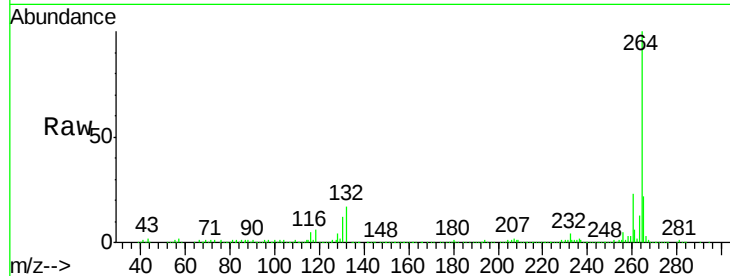
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	17.5	26.3

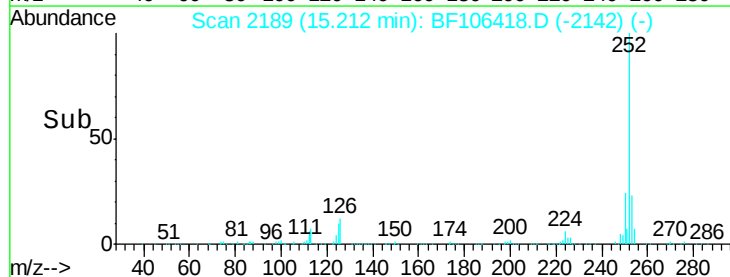
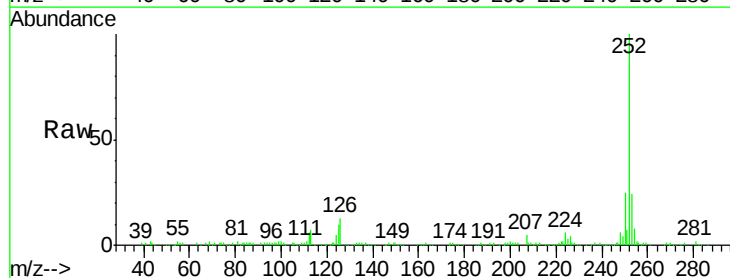
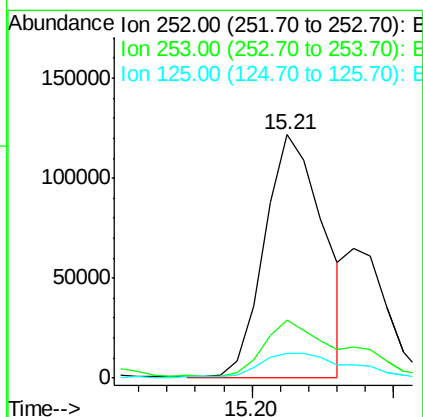
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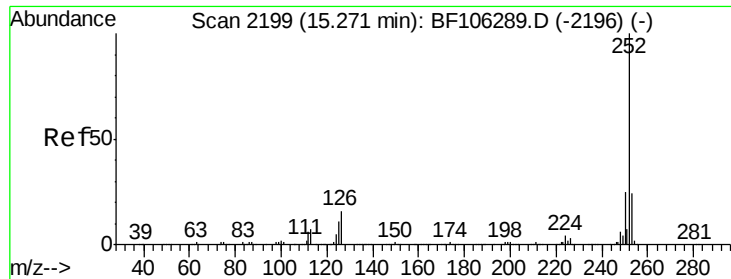
Sohil
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#87
Benzo(b)fluoranthene
Concen: 8.188 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	9.9	9.0	13.6





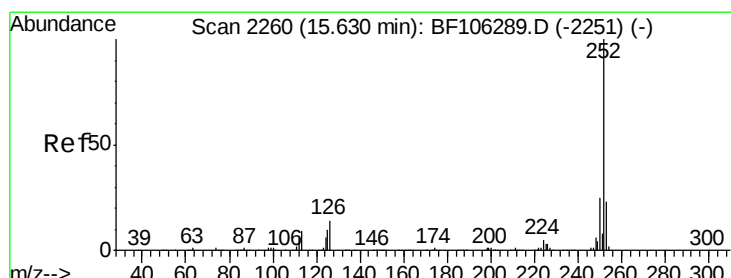
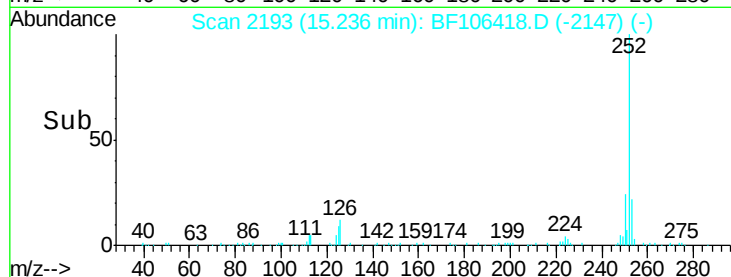
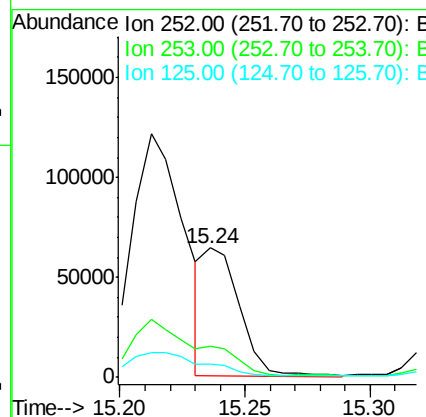
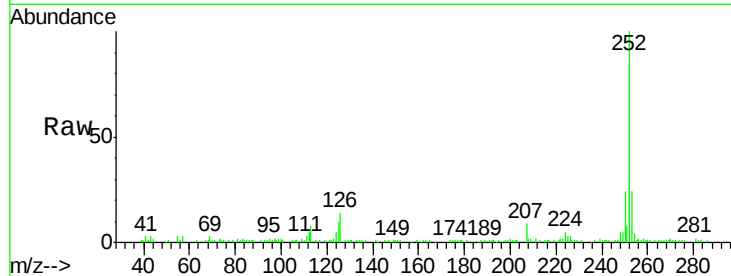
#88
Benzo(k)fluoranthene
Concen: 3.007 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	10.3	10.2	15.2

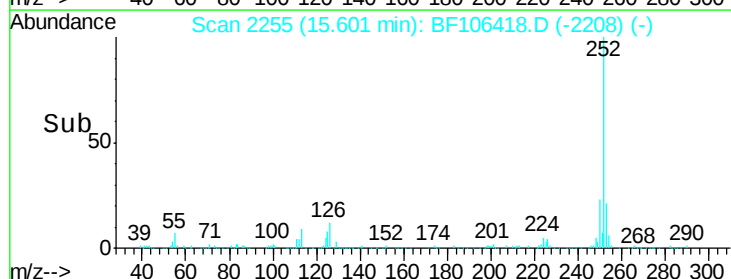
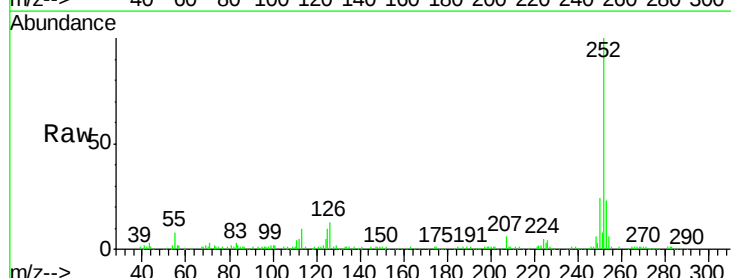
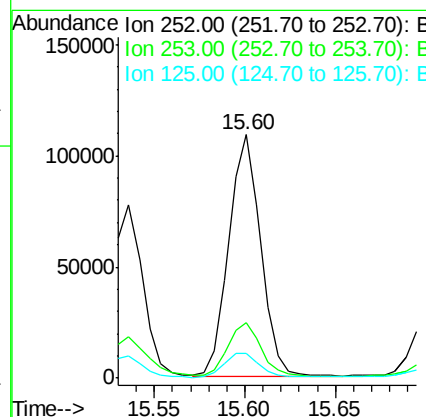
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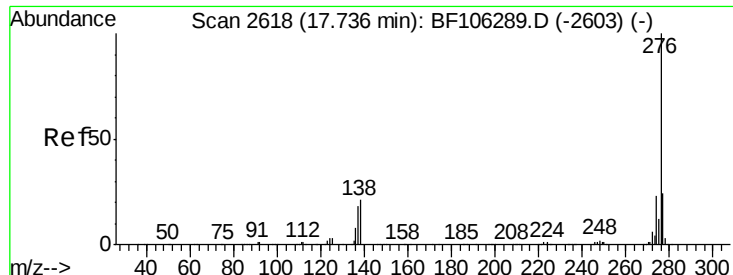
Sohil
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#89
Benzo(a)pyrene
Concen: 6.930 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.539 ng
 RT: 17.69 min Scan# 2611
 Delta R.T. -0.04 min
 Lab File: BF106418.D
 Acq: 14 Jun 2018 3:56

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:	276	Resp:	55398
Ion Ratio	Lower	Upper	
276	100		
277	28.3	17.9	26.9#
138	21.2	21.8	32.8#

Manual Integrations
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Sohil
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