

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106883.D
 Acq On : 27 Jun 2018 20:14
 Operator : JU/SJ
 Sample : J3242-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-B

Manual Integrations
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Quant Time: Jun 28 04:01:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	22490	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	82404	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	36546	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	65063	20.00	ng	0.00
75) Chrysene-d12	14.14	240	69128	20.00	ng	-0.02
86) Perylene-d12	15.68	264	52332	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	111166	83.70	ng	-0.01
7) Phenol-d6	6.59	99	140782	84.88	ng	-0.02
23) Nitrobenzene-d5	7.51	82	80702	54.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	35082	82.82	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	157465	70.40	ng	-0.02
78) Terphenyl-d14	13.08	244	166676	58.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	15951	5.819	ng	# 66
70) Phenanthrene	11.51	178	25270	8.053	ng	# 90
71) Anthracene	11.57	178	8781	2.741	ng	# 82
74) Fluoranthene	12.71	202	44553	12.881	ng	95
77) Pyrene	12.94	202	54838	12.030	ng	97
79) Butylbenzylphthalate	13.55	149	356479	190.200	ng	# 92
80) Benzo(a)anthracene	14.13	228	29258	6.944	ng	# 94
82) Chrysene	14.17	228	27013	6.969	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.25	276	13004	3.953	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	32710m	10.062	ng	
88) Benzo(k)fluoranthene	15.25	252	12094m	3.907	ng	
89) Benzo(a)pyrene	15.61	252	24583	8.506	ng	94
91) Benzo(a,h,i)perylene	17.73	276	13156	5.496	ng	# 91

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

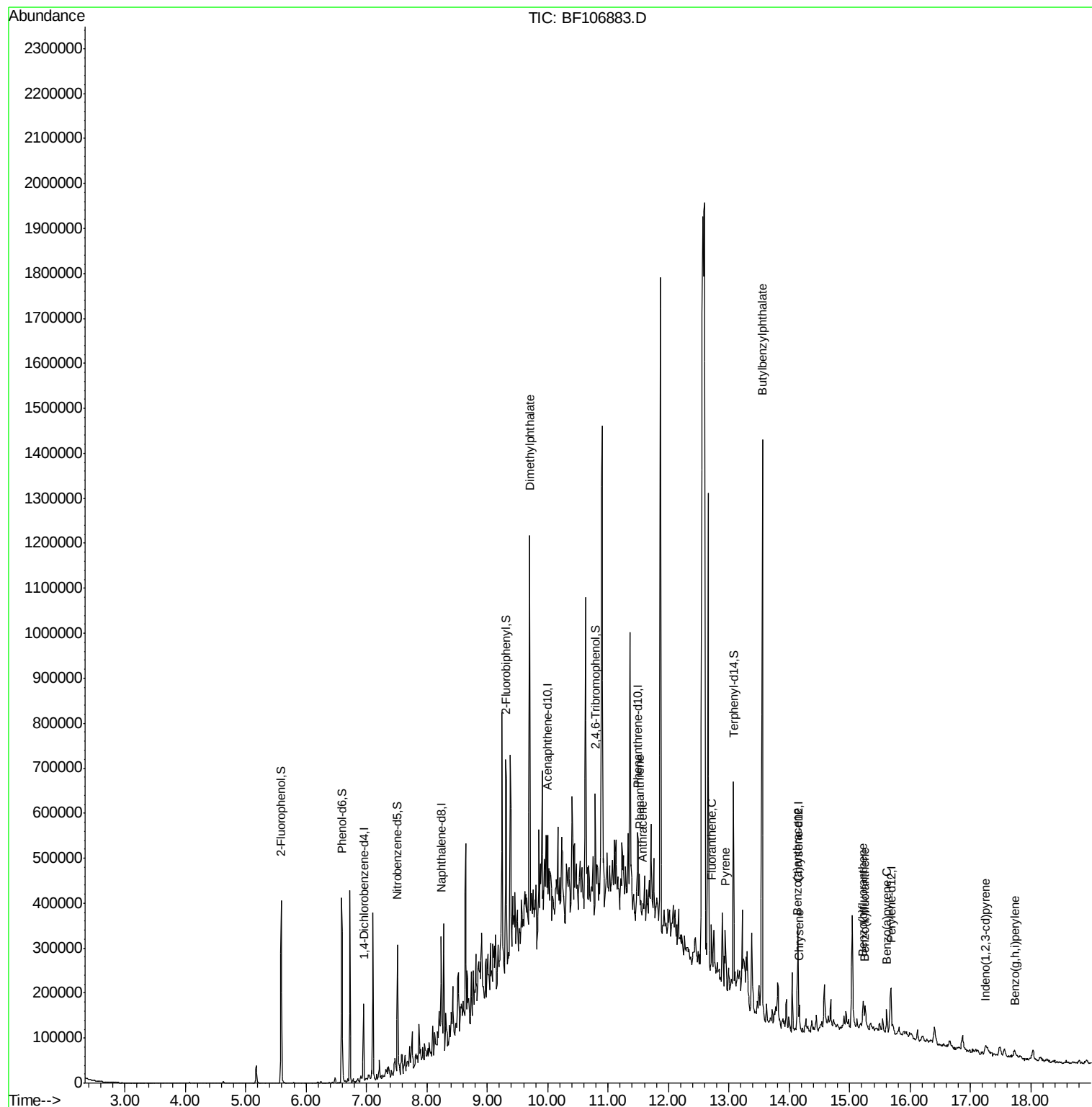
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
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ALS Vial : 22 Sample Multiplier: 1

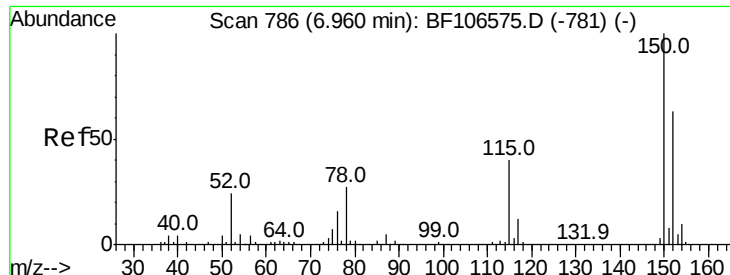
Instrument :
BNA_F
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JC-02-062618-B

Quant Time: Jun 28 04:01:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
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#1

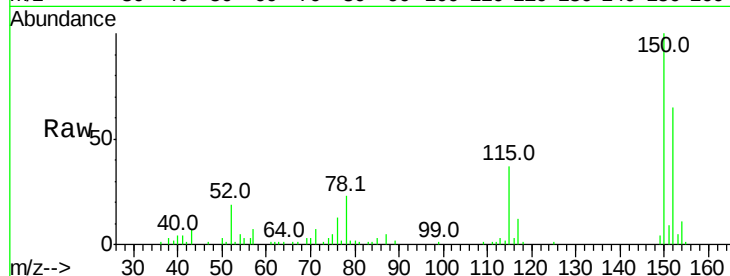
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	56.8	50.1	75.1

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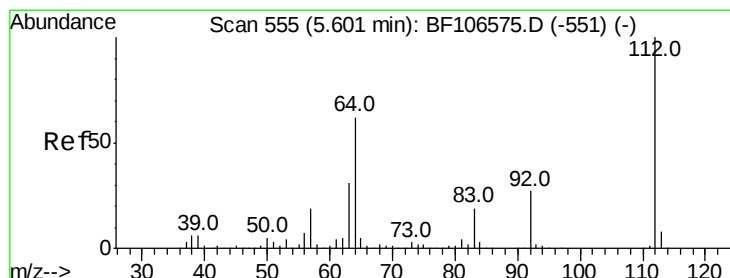
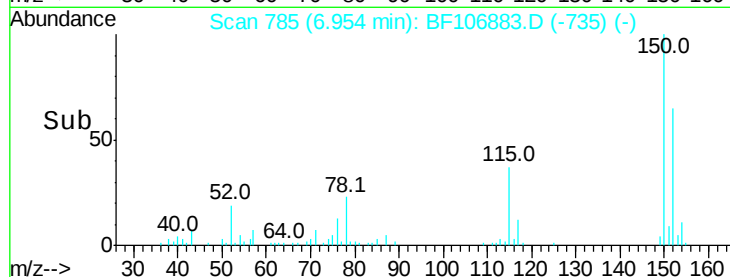
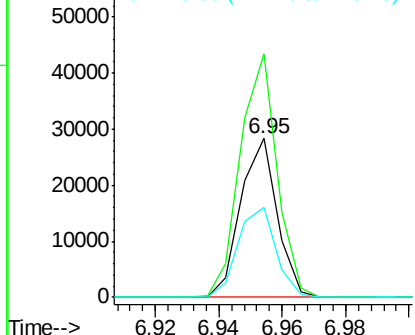


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

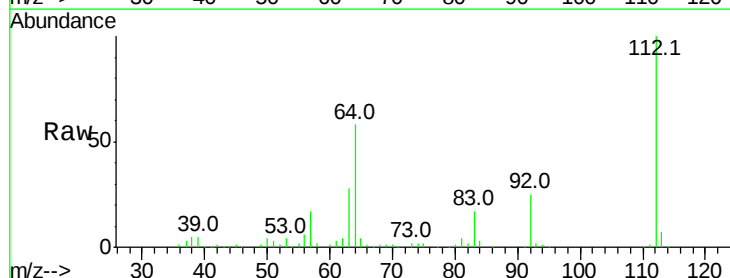
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.699 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	27.8	23.7	35.5

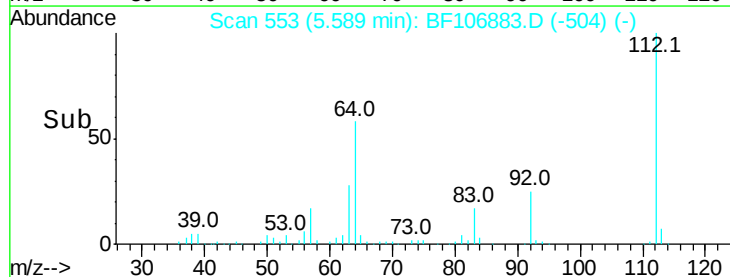
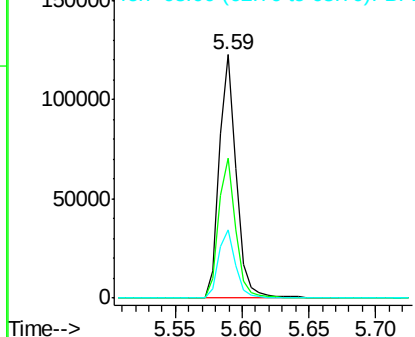


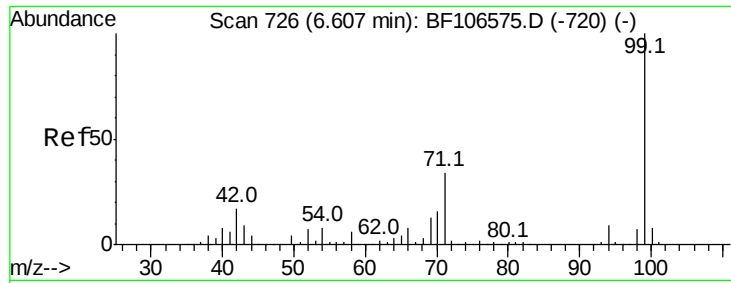
Abundance

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: 84.879 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Instrument :

BNA_F

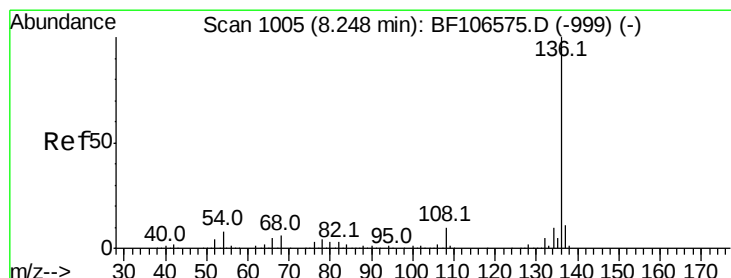
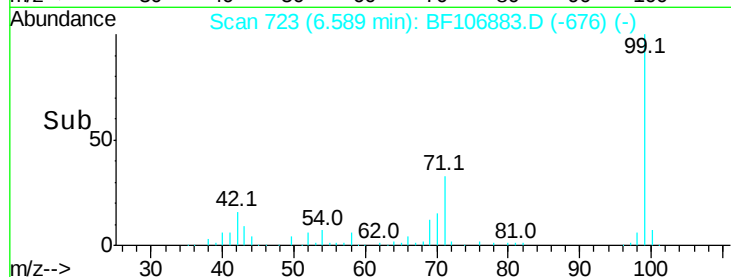
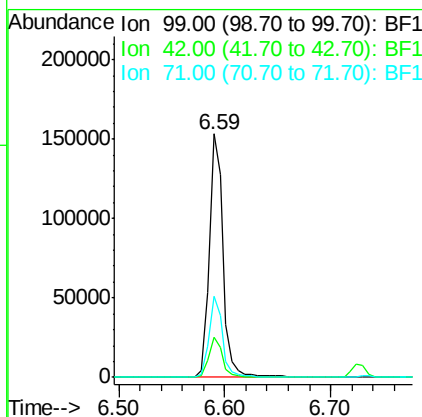
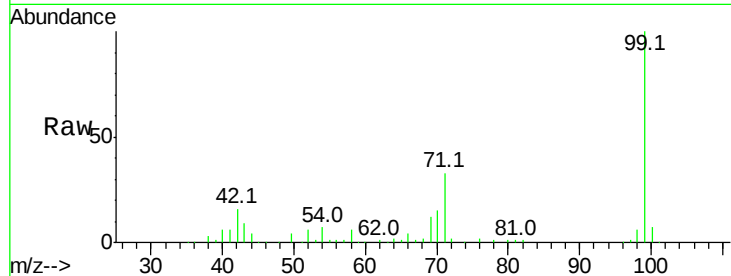
ClientSampleId :

JC-02-062618-B

Tot Ion:	99	Resp:	140782
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

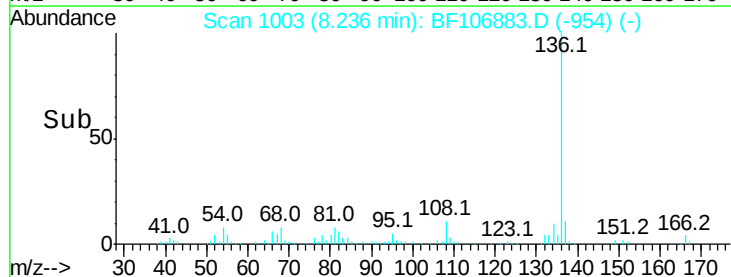
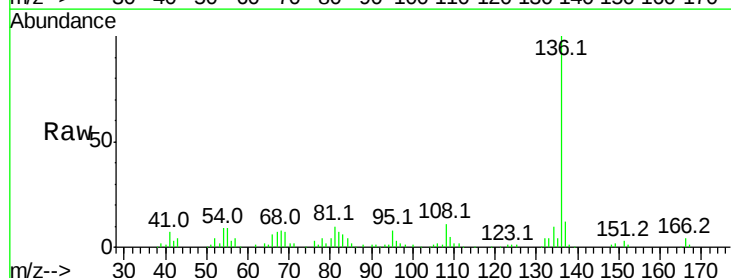
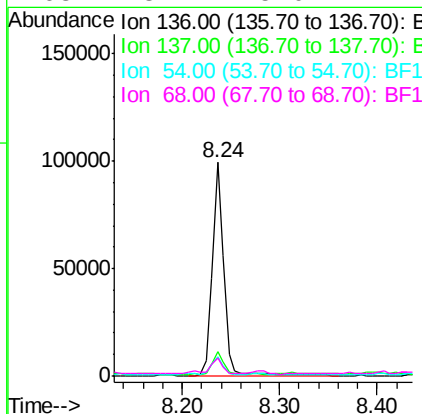
RT: 8.24 min Scan# 1003

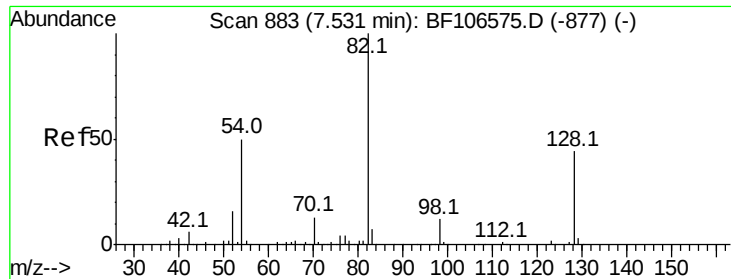
Delta R.T. -0.01 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Tgt Ion:	136	Resp:	82404
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.9	13.3
54	8.7	6.6	9.8
68	8.2	5.0	7.4#





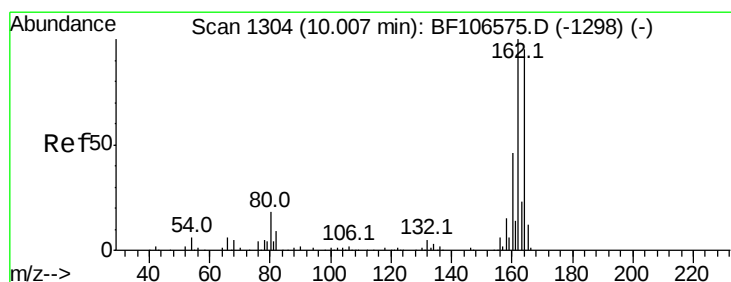
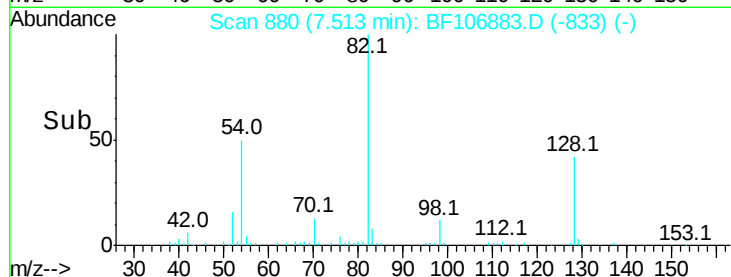
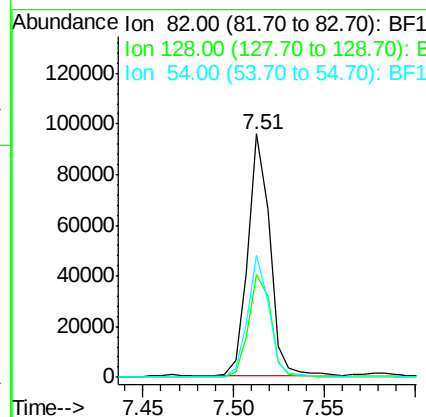
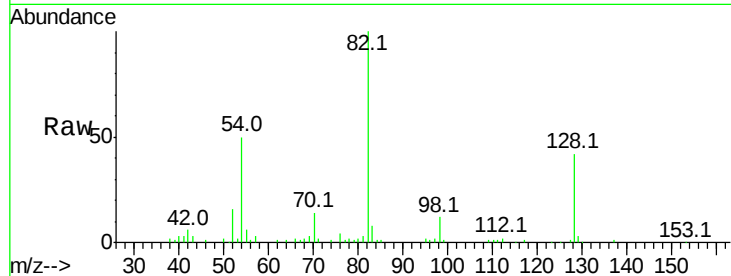
#23
 Nitrobenzene-d5
 Concen: 54.426 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF106883.D
 Acq: 27 Jun 2018 20:14

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	50.1	41.4	62.2

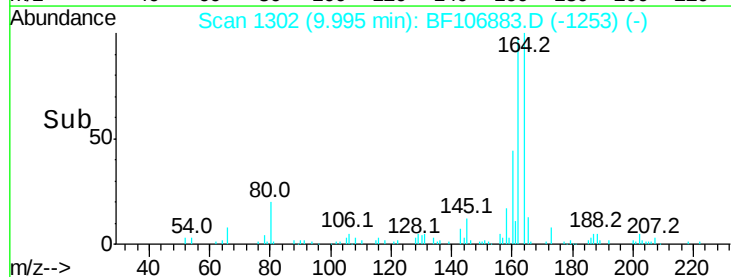
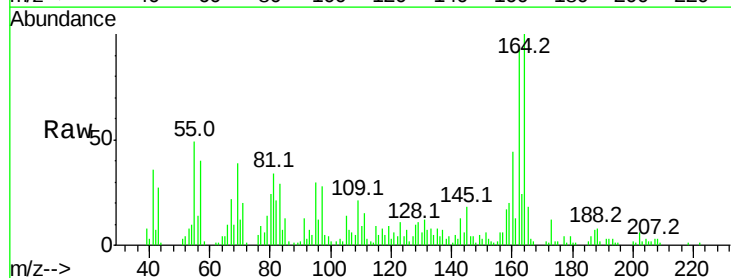
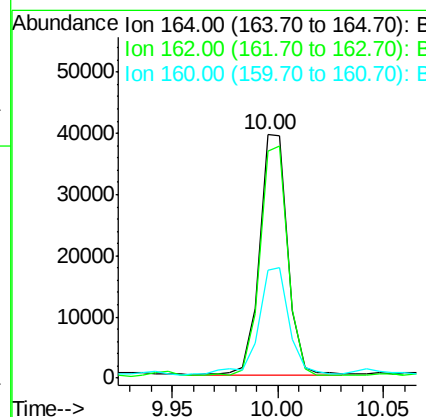
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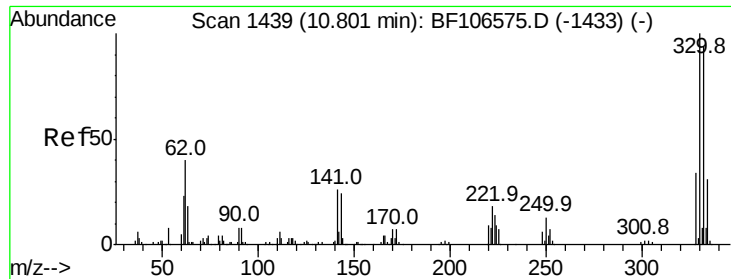
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106883.D
 Acq: 27 Jun 2018 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.0	86.1	129.1
160	44.4	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 82.823 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

Tot Ion:330 Resp: 35082

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

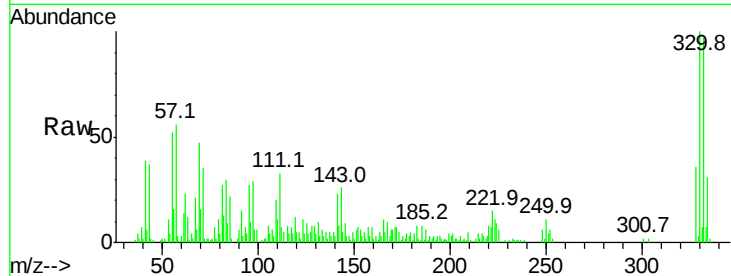
141 24.1 29.9 44.9#

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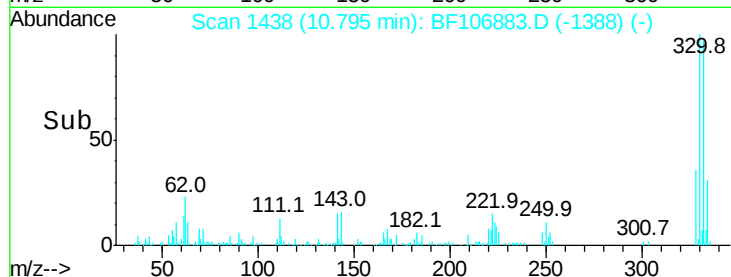


Abundance Ion 329.80 (329.50 to 330.50): E

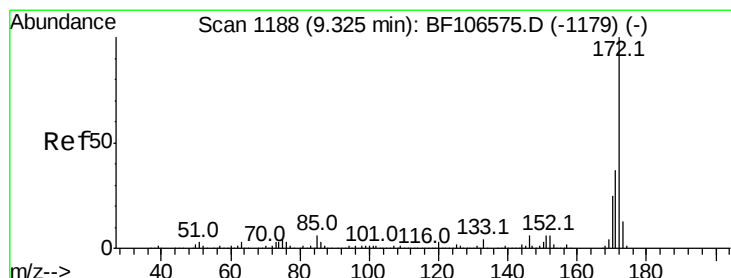
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#44

2-Fluorobiphenyl

Concen: 70.395 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

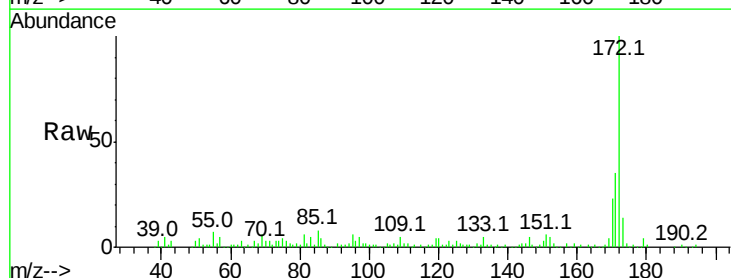
Tgt Ion:172 Resp: 157465

Ion Ratio Lower Upper

172 100

171 35.4 29.7 44.5

170 23.2 19.6 29.4

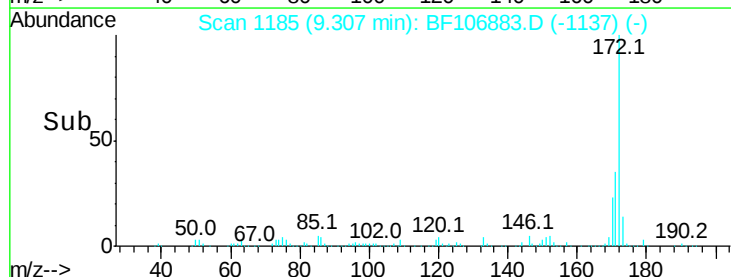


Abundance Ion 172.00 (171.70 to 172.70): E

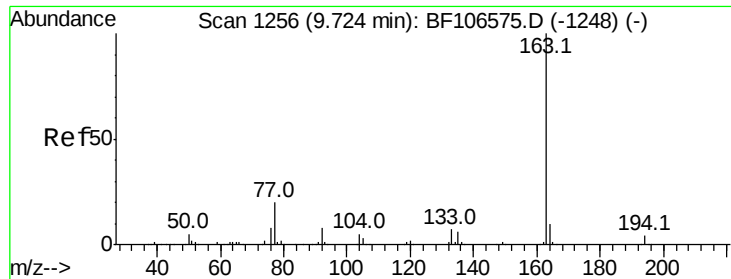
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



Time-->



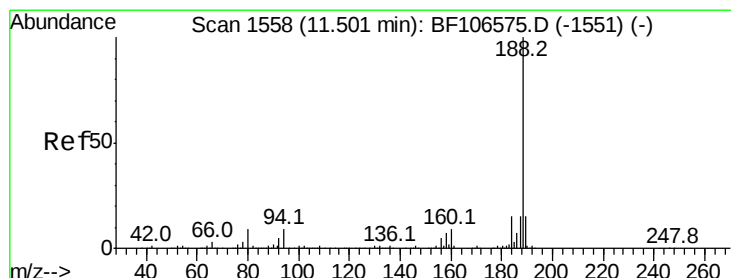
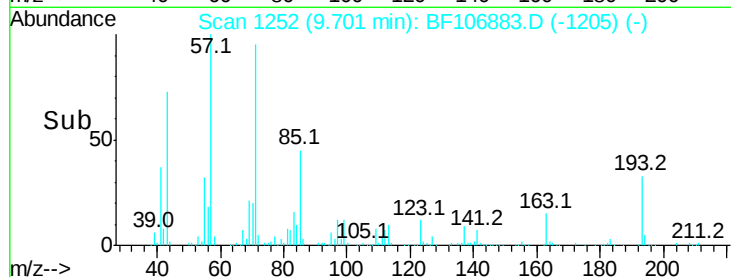
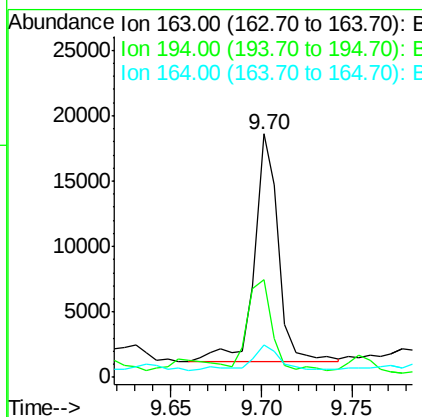
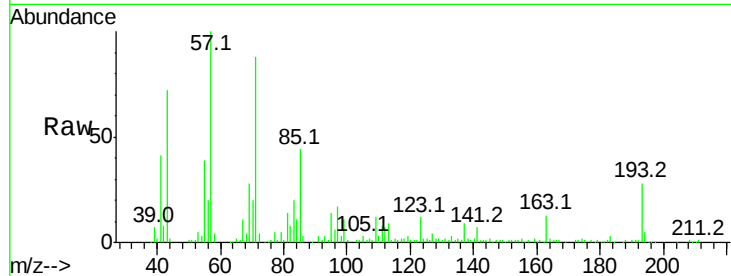
#49
Dimethylphthalate
Concen: 5.819 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	39.9	2.7	4.1#
164	13.3	8.2	12.2#

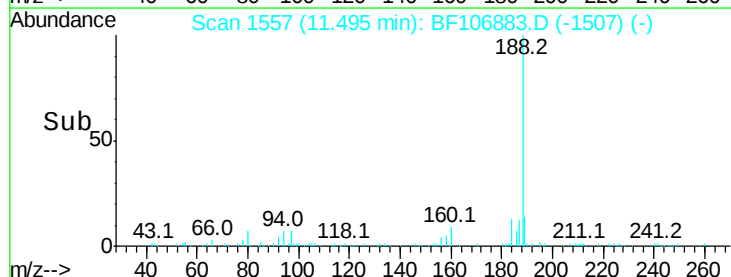
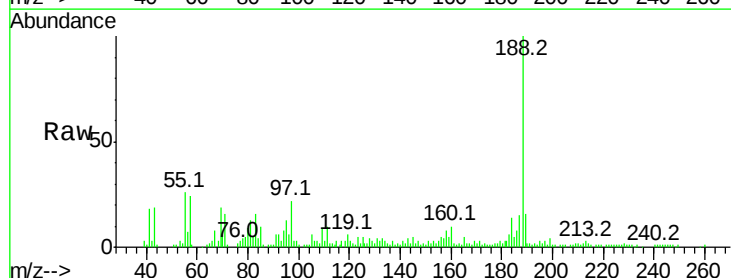
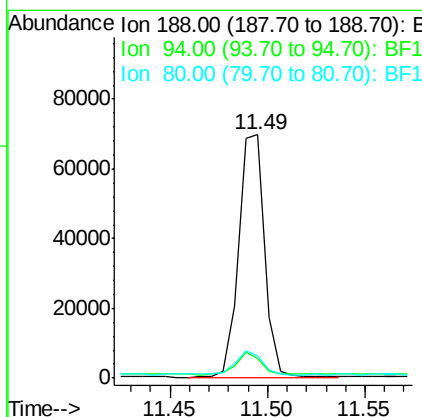
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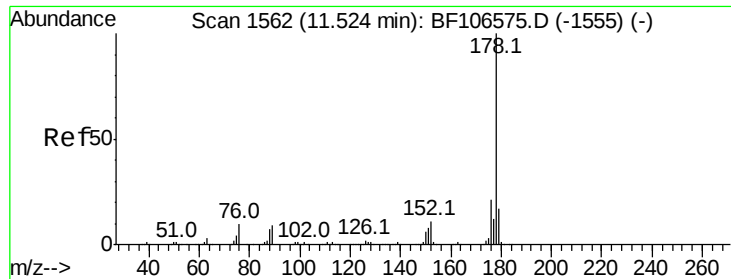
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#





#70

Phenanthrene

Concen: 8.053 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Instrument :

BNA_F

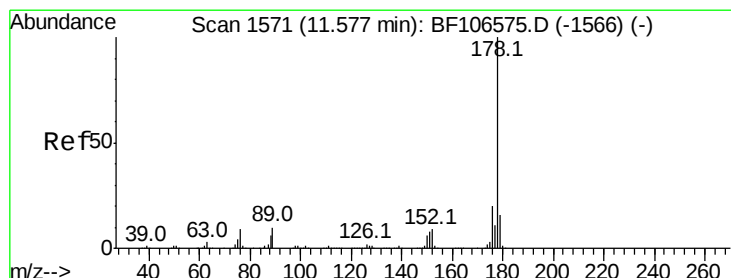
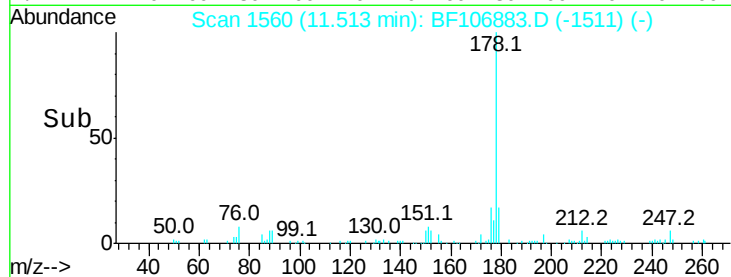
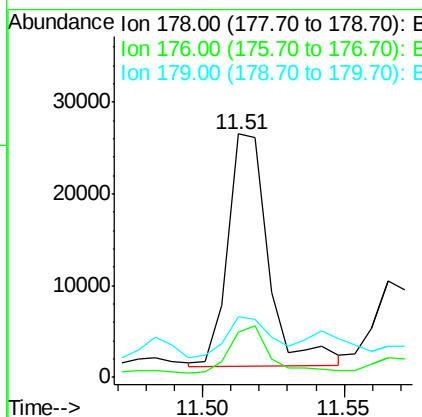
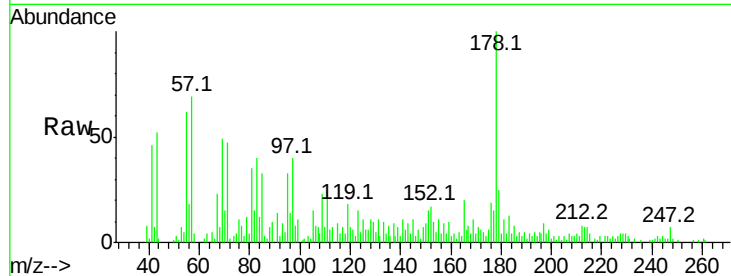
ClientSampleId :

JC-02-062618-B

Tot Ion:178	Resp:	25270
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.8 23.8
179	24.8	13.0 19.6#

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#71

Anthracene

Concen: 2.741 ng

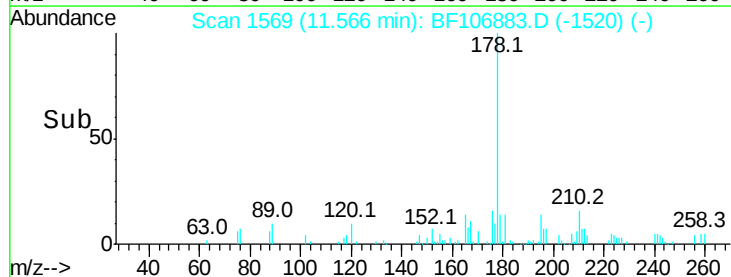
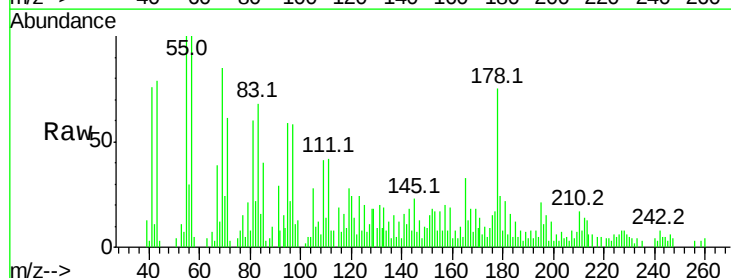
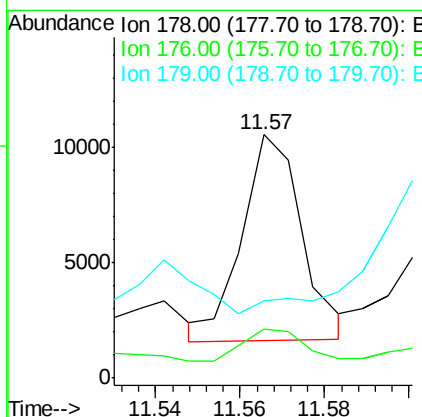
RT: 11.57 min Scan# 1569

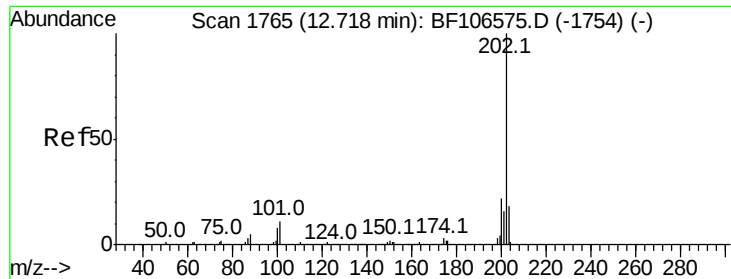
Delta R.T. -0.01 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Tgt Ion:178	Resp:	8781
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.4 23.2
179	31.7	12.6 19.0#





#74

Fluoranthene

Concen: 12.881 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Instrument :

BNA_F

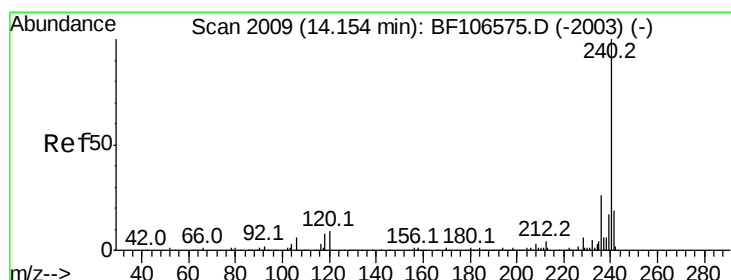
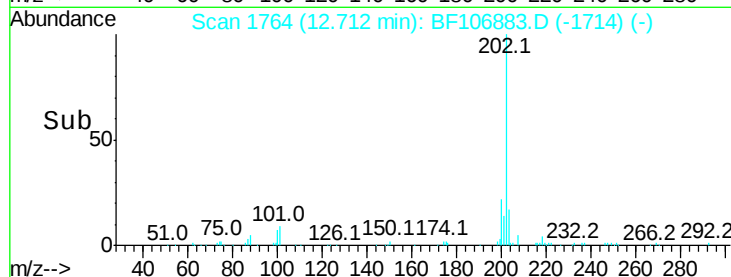
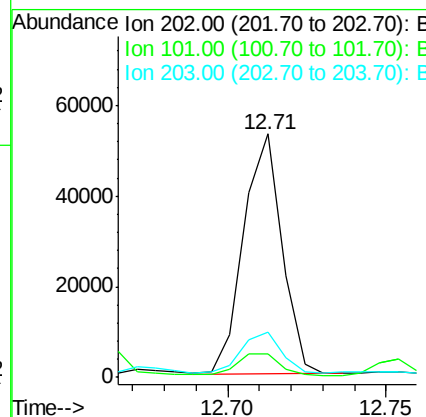
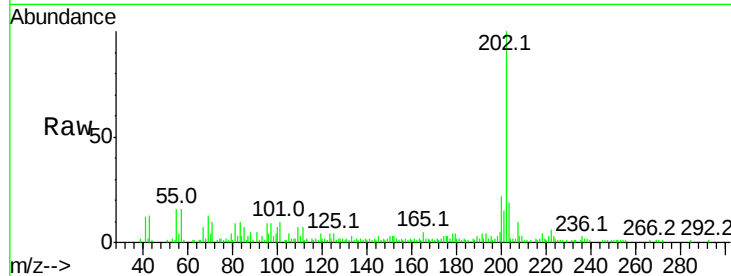
ClientSampleId :

JC-02-062618-B

Tot Ion:	202	Resp:	44553
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	18.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

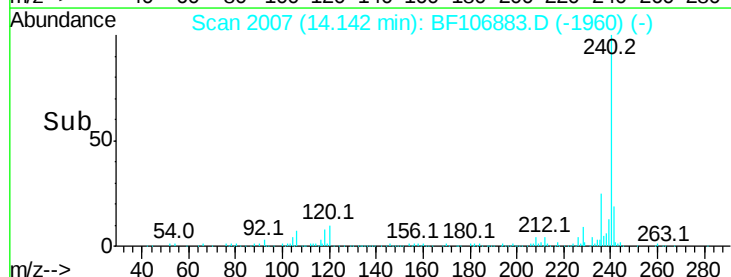
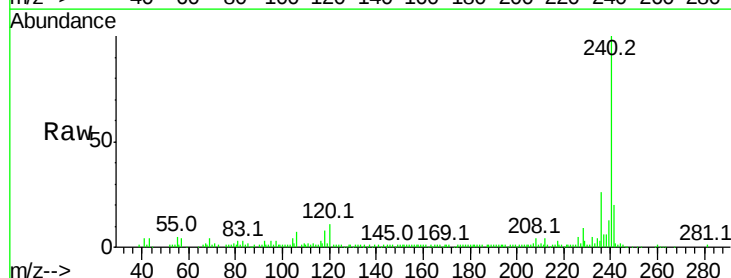
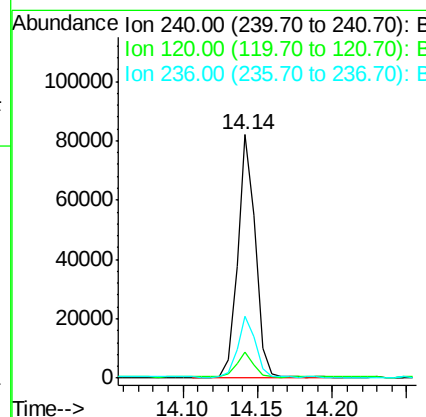
RT: 14.14 min Scan# 2007

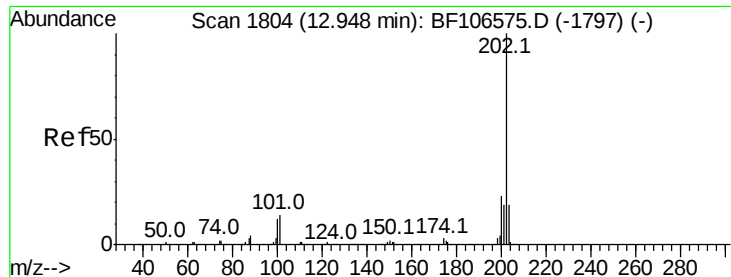
Delta R.T. -0.02 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Tgt Ion:	240	Resp:	69128
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.6	20.7	31.1





#77

Pvrene

Concen: 12.030 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Instrument :

BNA_F

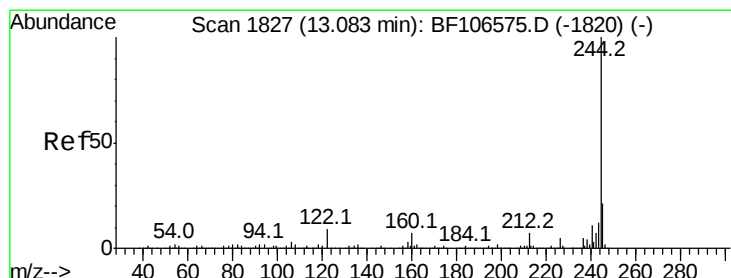
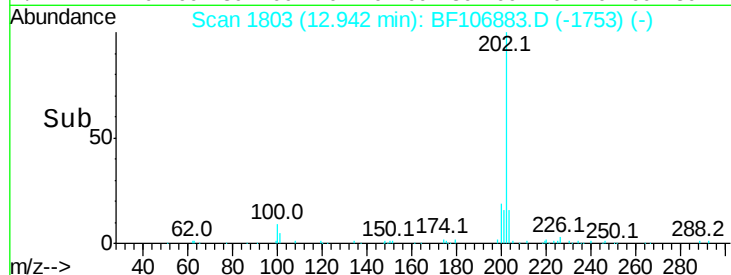
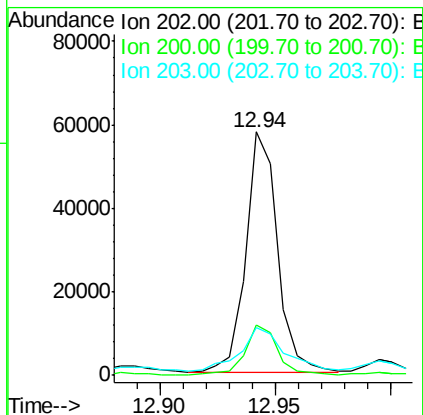
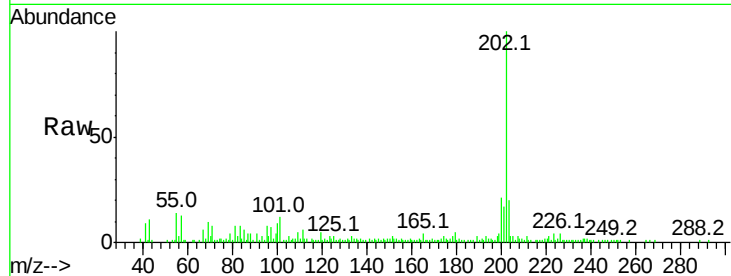
ClientSampleId :

JC-02-062618-B

Tot Ion:	202	Resp:	54838
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	19.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 58.405 ng

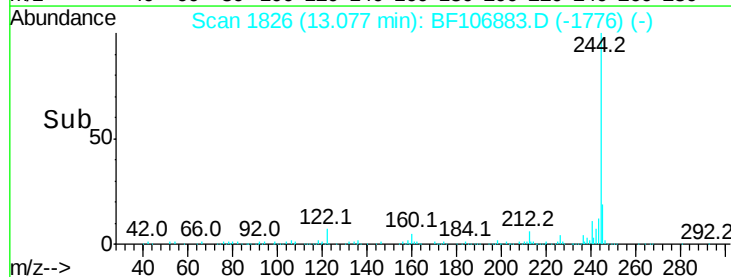
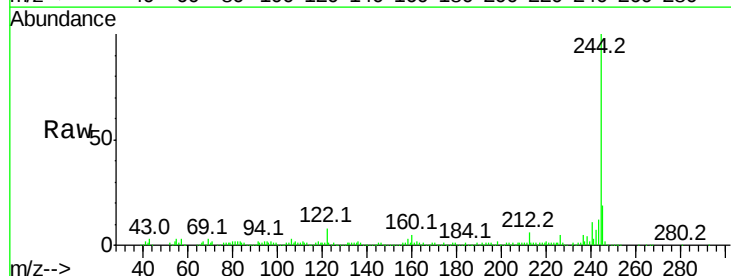
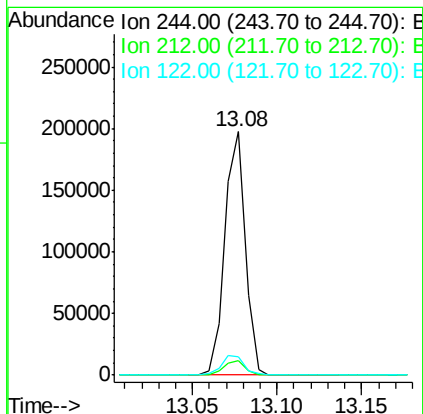
RT: 13.08 min Scan# 1826

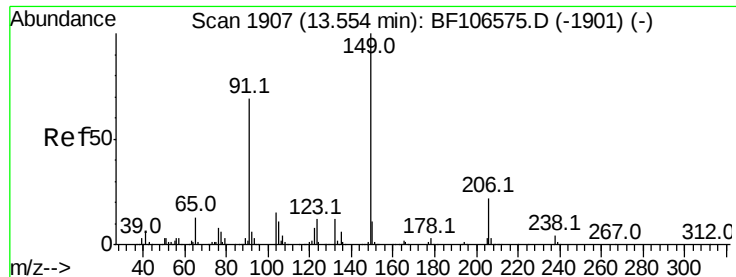
Delta R.T. -0.01 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Tgt Ion:	244	Resp:	166676
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.4	8.0
122	7.6	11.0	16.4#





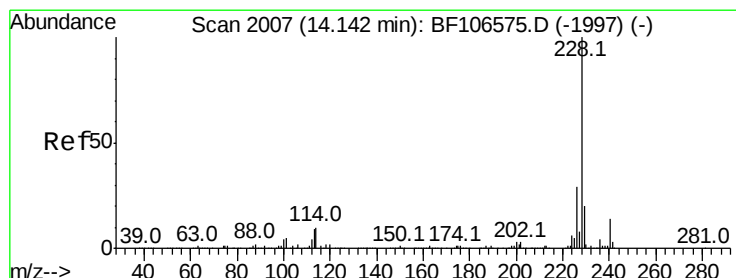
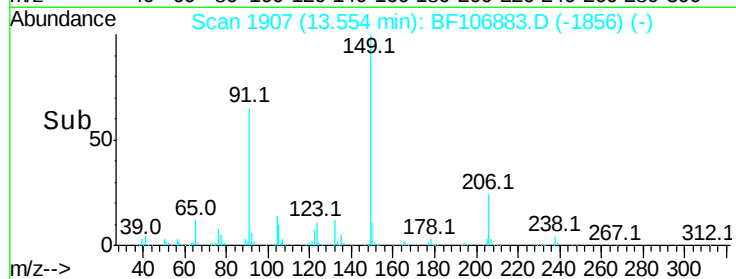
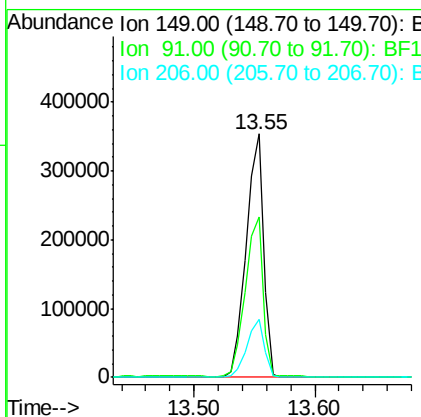
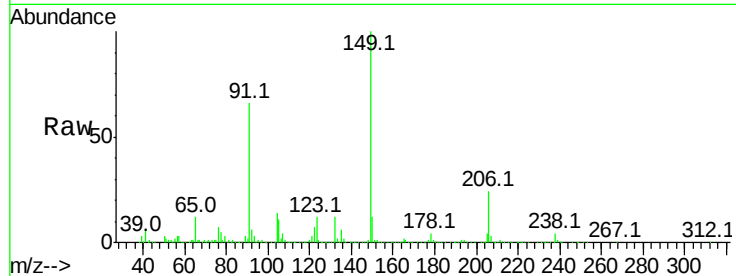
#79
Butylbenzylphthalate
Concen: 190.200 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tot Ion	Ratio	Resp	Lower	Upper
149	100	356479		
91	65.7	56.8	85.2	
206	23.7	14.1	21.1	

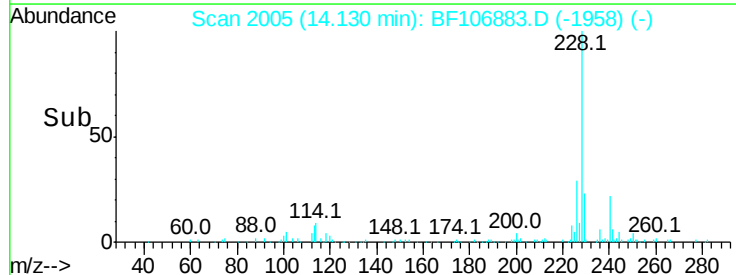
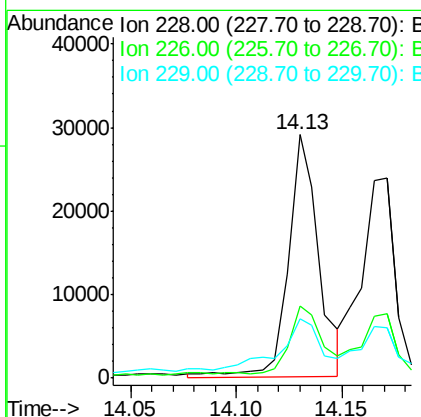
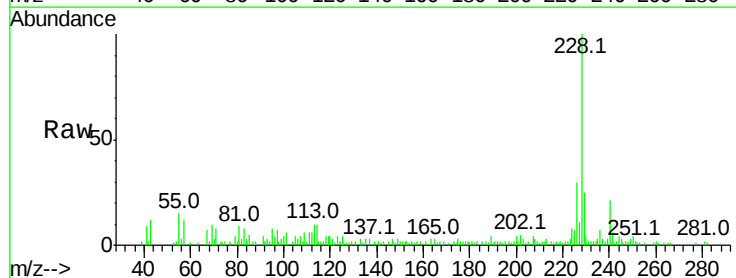
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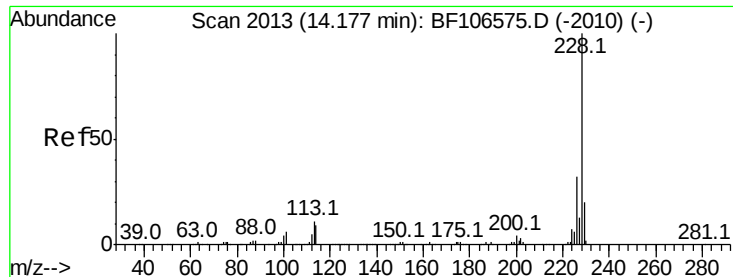
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#80
Benzo(a)anthracene
Concen: 6.944 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29258		
226	29.7	22.6	33.8	
229	24.5	15.8	23.6	





#82

Chrysene

Concen: 6.969 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Instrument :

BNA_F

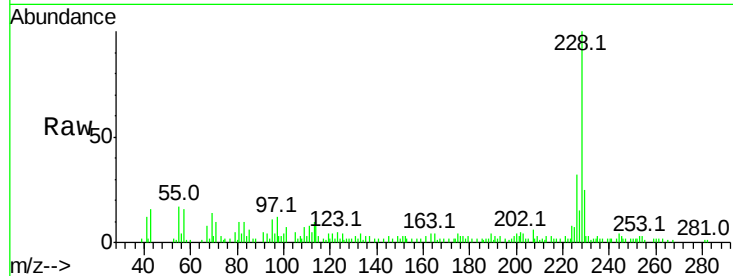
ClientSampleId :

JC-02-062618-B

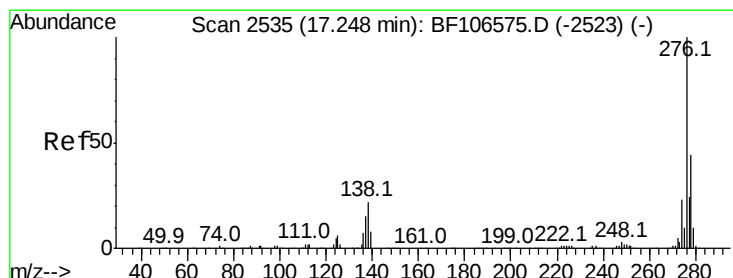
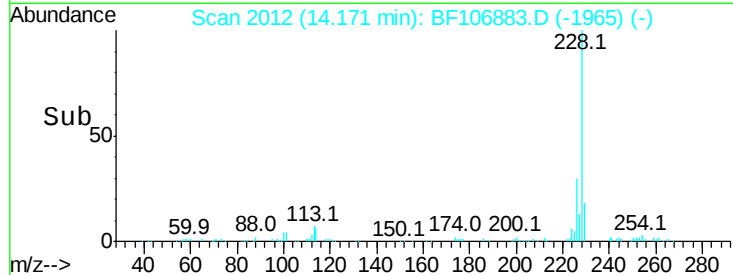
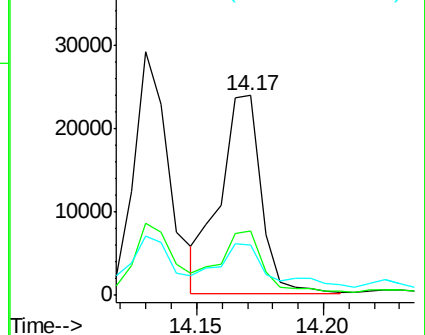
Tot Ion:	228	Resp:	27013
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.0	37.6
229	25.3	16.2	24.4

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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.953 ng

RT: 17.25 min Scan# 2535

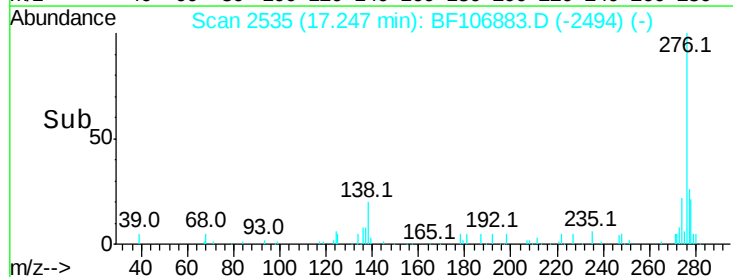
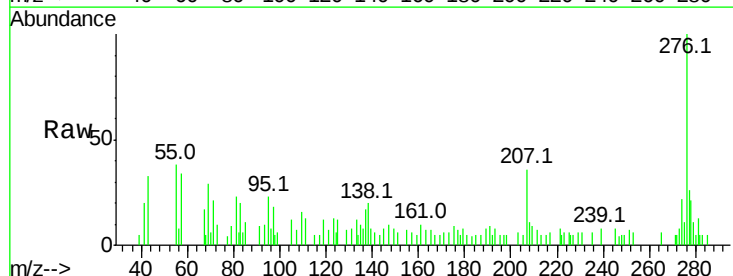
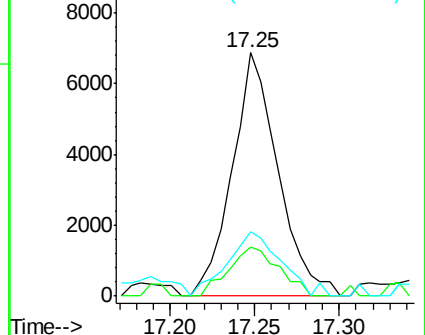
Delta R.T. -0.06 min

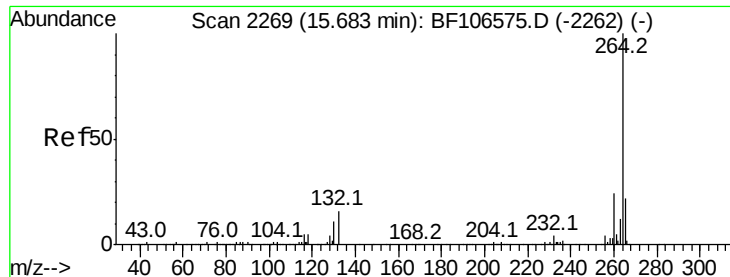
Lab File: BF106883.D

Acq: 27 Jun 2018 20:14

Tgt Ion:	276	Resp:	13004
Ion Ratio	Lower	Upper	
276	100		
138	22.1	25.0	37.6
277	30.9	20.1	30.1

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





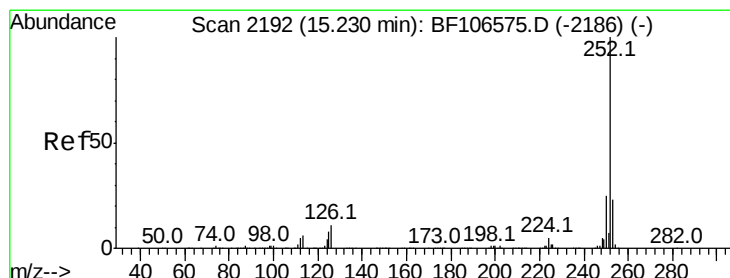
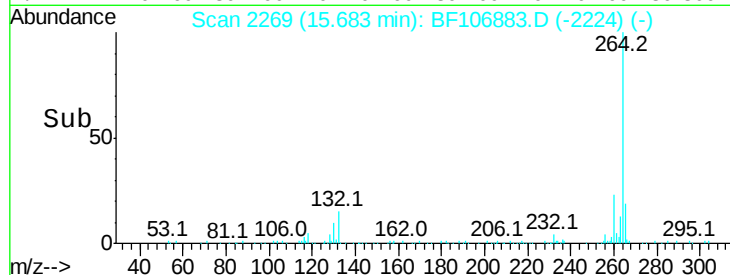
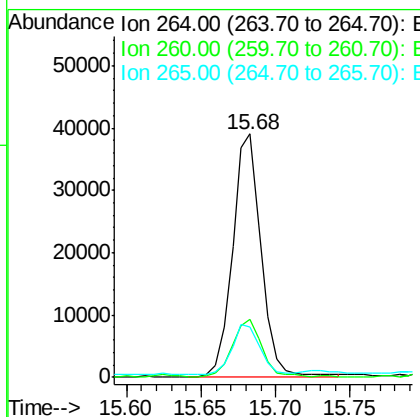
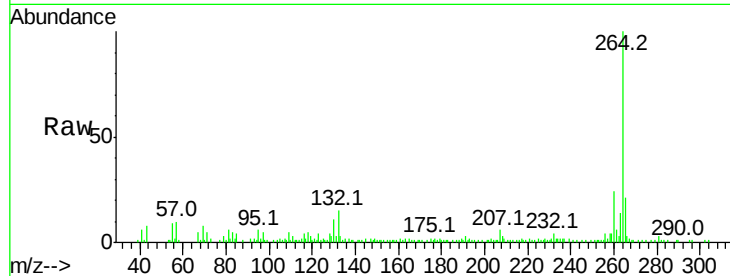
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampled :
JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.7	17.5	26.3

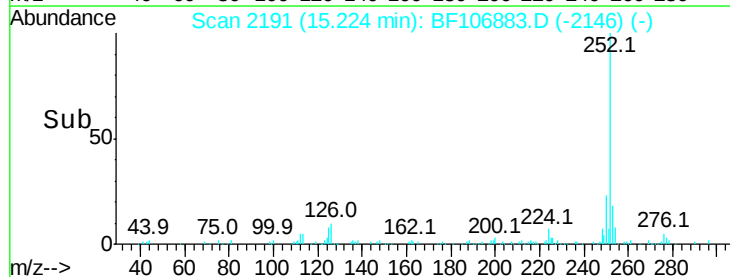
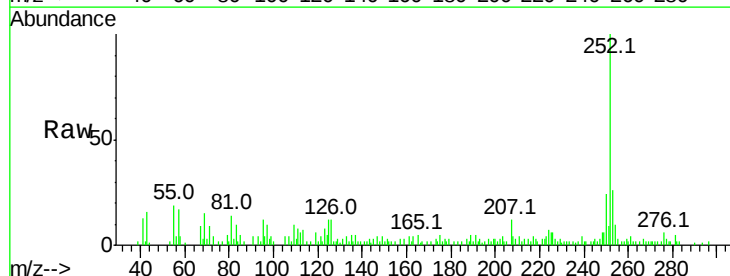
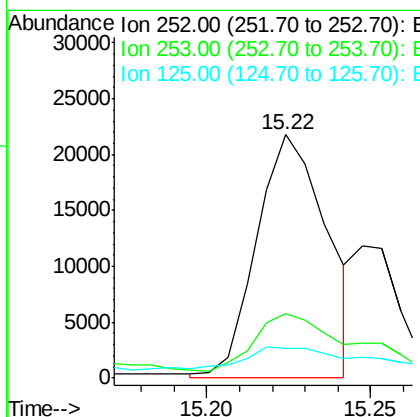
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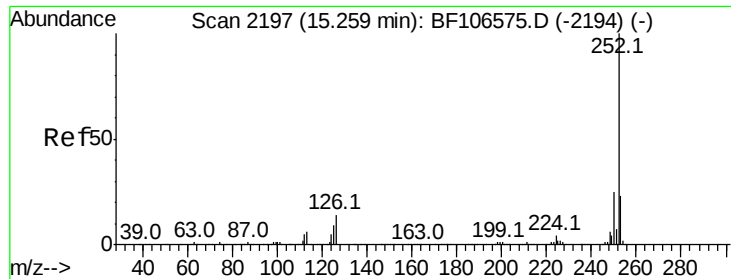
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#87
Benzo(b)fluoranthene
Concen: 10.062 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	12.2	9.0	13.6





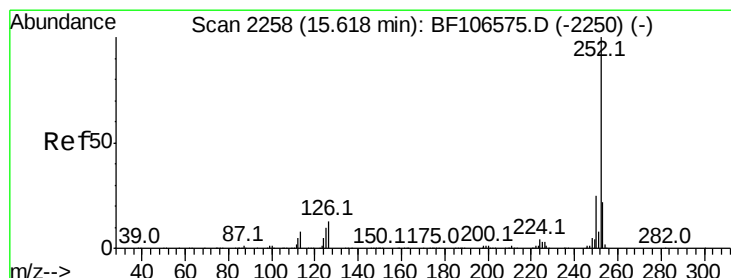
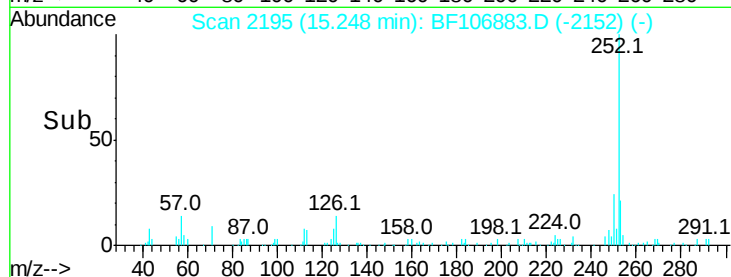
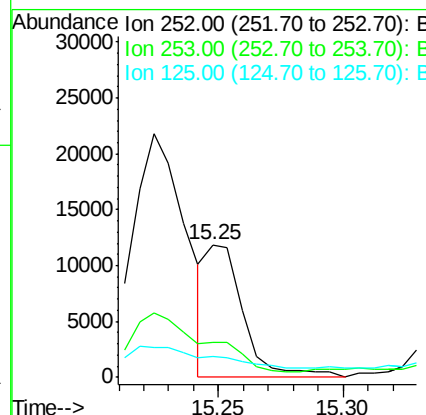
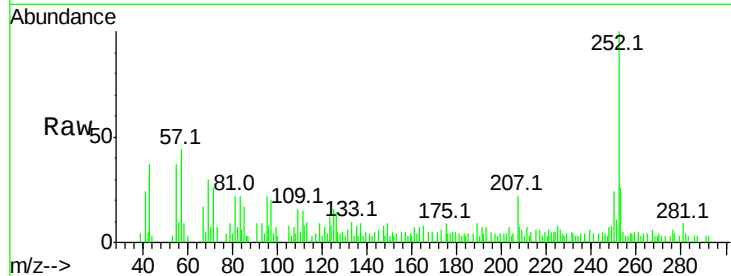
#88
Benzo(k)fluoranthene
Concen: 3.907 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	15.5	10.2	15.2

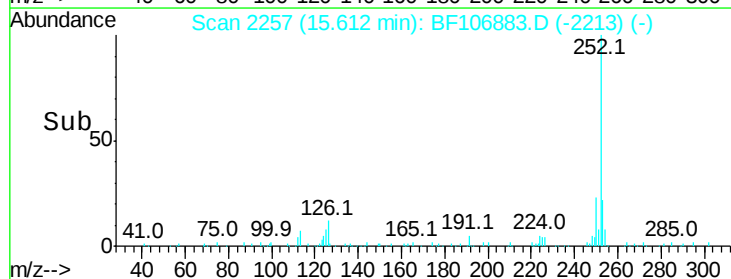
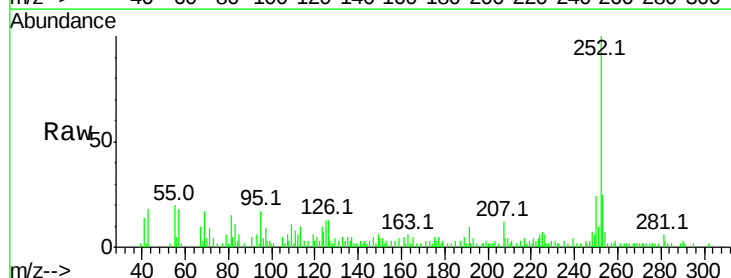
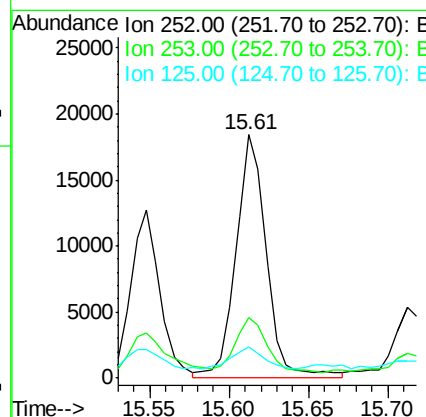
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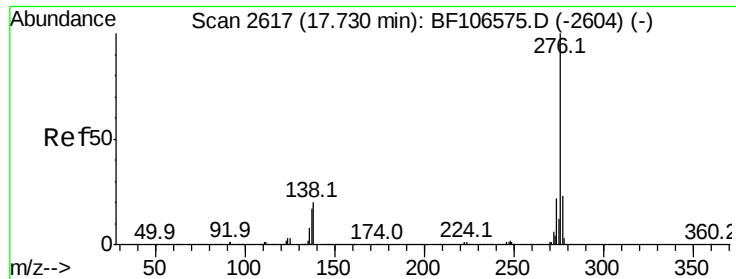
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#89
Benzo(a)pyrene
Concen: 8.506 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	12.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.496 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.06 min
 Lab File: BF106883.D
 Acq: 27 Jun 2018 20:14

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	21.2	21.8	32.8

Manual Integrations
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