

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107215.D
 Acq On : 7 Jul 2018 19:05
 Operator : JU/SJ
 Sample : J3880-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-14

Manual Integrations
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 7/9/2018 2:06:50 PM

Quant Time: Jul 09 04:59:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	48316	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	178320	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	84014	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	156755	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	115137	20.00	ng	-0.02
86) Perylene-d12	15.68	264	85921	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	309735	108.55	ng	0.00
7) Phenol-d6	6.60	99	380290	106.73	ng	-0.01
23) Nitrobenzene-d5	7.51	82	220370	68.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	106236	109.10	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	423546	85.40	ng	-0.02
78) Terphenyl-d14	13.07	244	465895	98.02	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	89796	14.251	ng	Qvalue 98
70) Phenanthrene	11.51	178	61669	8.157	ng	96
71) Anthracene	11.57	178	21301	2.760	ng	100
74) Fluoranthene	12.71	202	135523	16.263	ng	96
77) Pyrene	12.94	202	127841	16.838	ng	98
80) Benzo(a)anthracene	14.13	228	63199	9.006	ng	97
82) Chrysene	14.17	228	58899	9.123	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	27007	4.930	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	68960m	12.920	ng	
88) Benzo(k)fluoranthene	15.25	252	19201m	3.778	ng	
89) Benzo(a)pyrene	15.62	252	43923	9.257	ng	93
91) Benzo(a,h,i)perylene	17.77	276	26115	6.644	ng	# 90

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

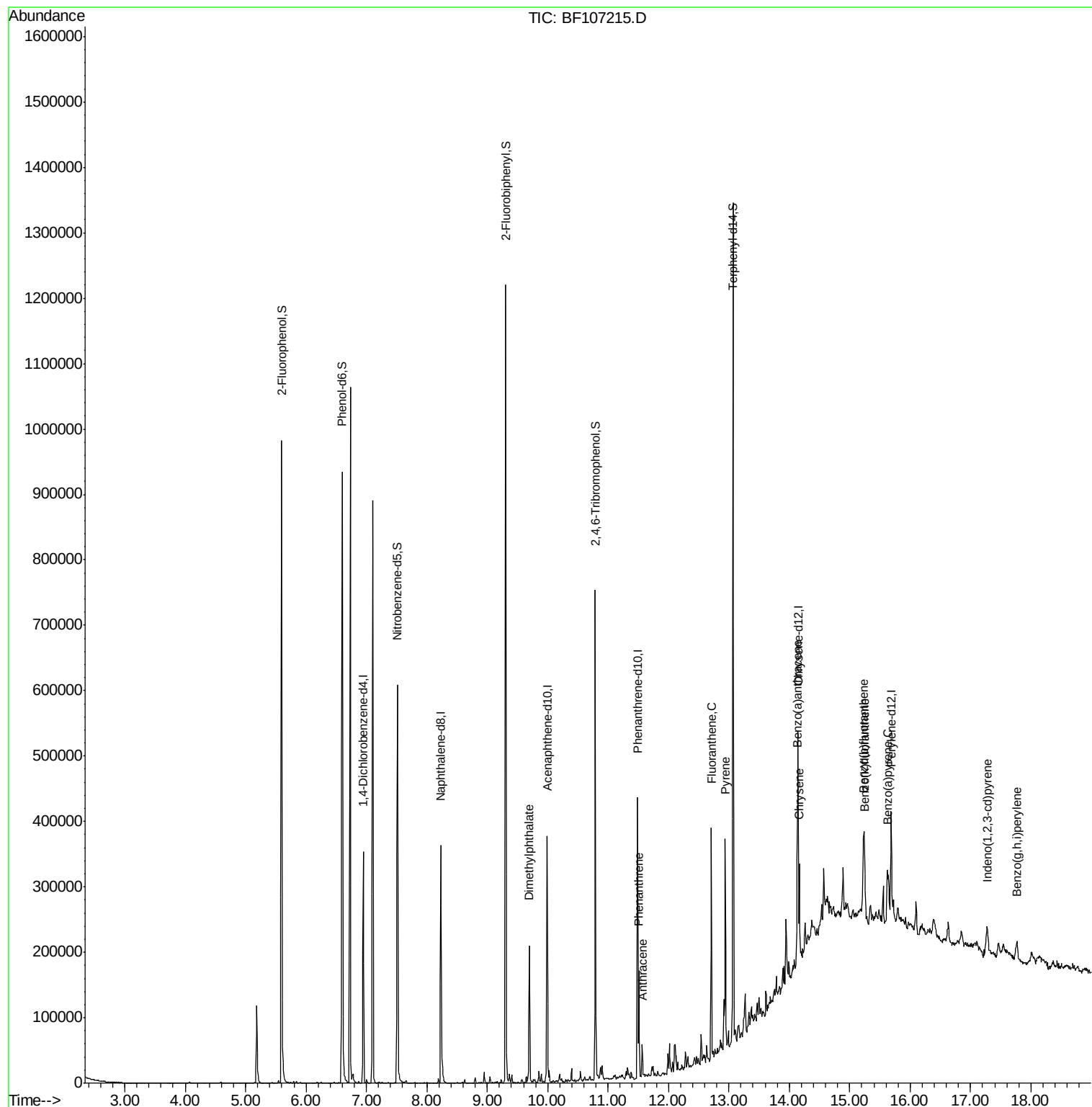
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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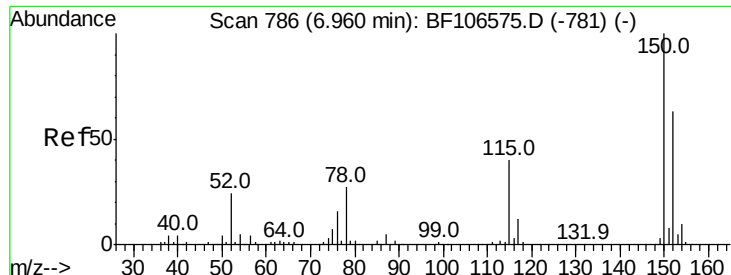
Instrument :
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SURCHARGE-SP-14

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#1

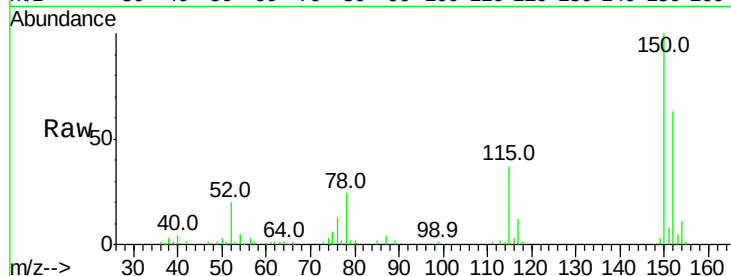
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.4	50.1	75.1

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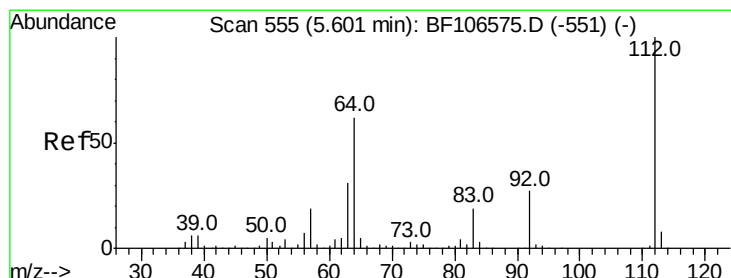
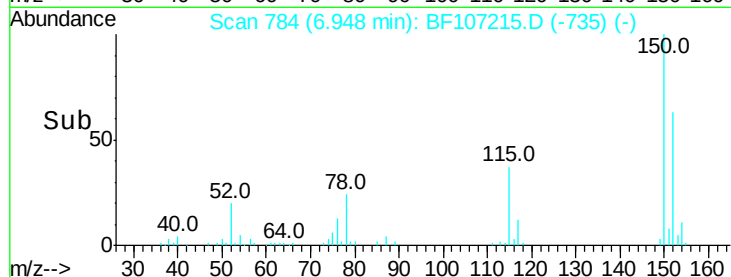
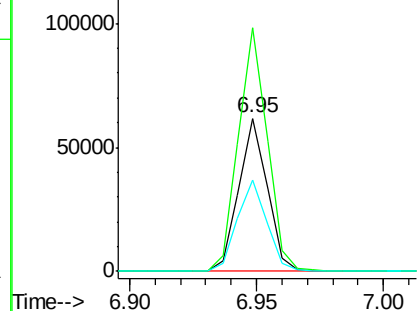


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

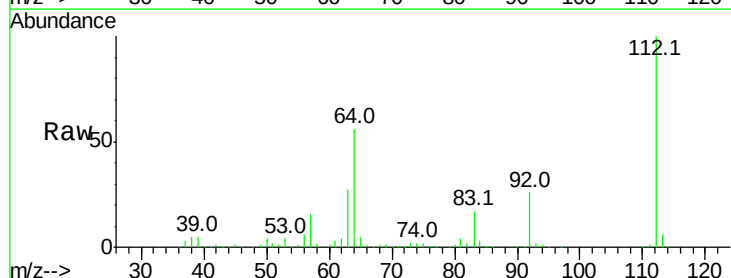
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.552 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.2	23.7	35.5

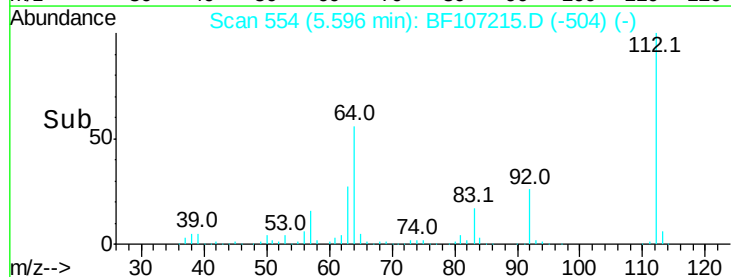
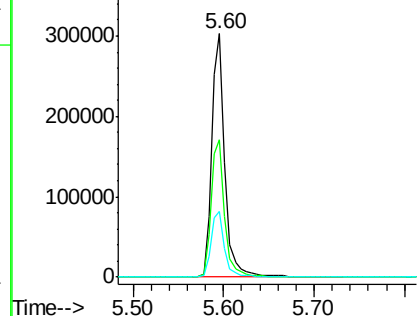


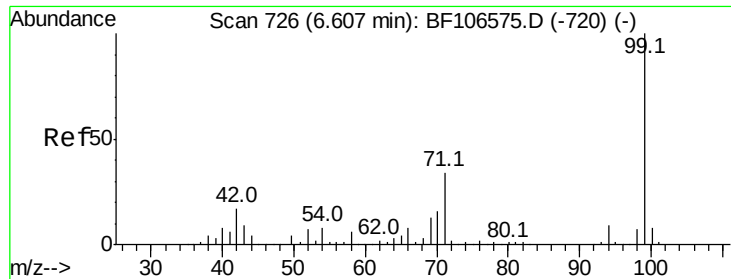
Abundance

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: 106.725 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107215.D

Acq: 7 Jul 2018 19:05

Instrument :

BNA_F

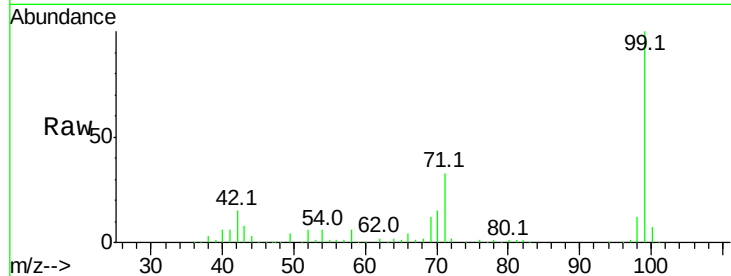
ClientSampleId :

SURCHARGE-SP-14

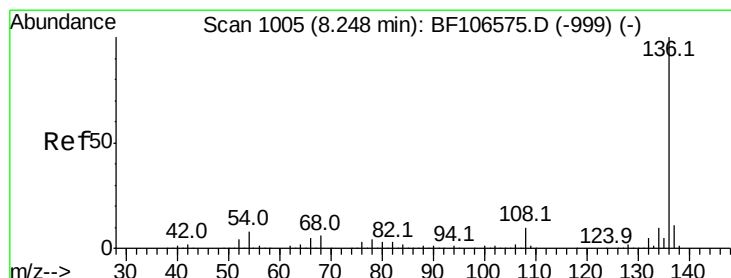
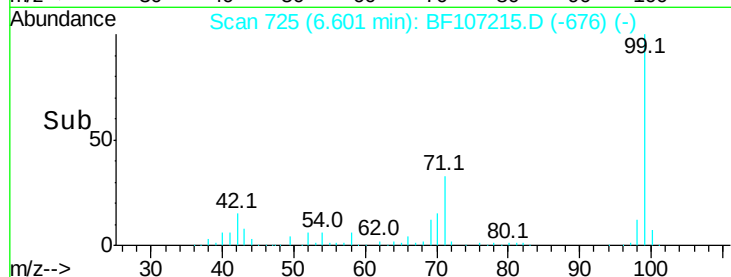
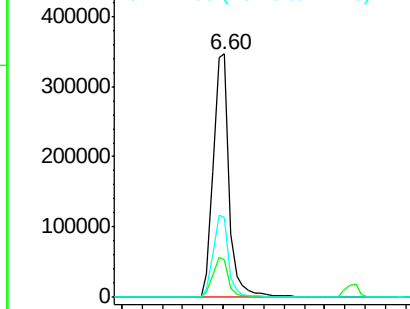
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		380290		
42	15.3	14.5	21.7		
71	32.7	25.4	38.0		

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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: 8.23 min Scan# 1002

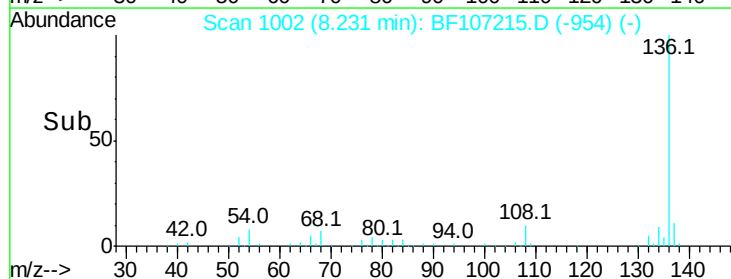
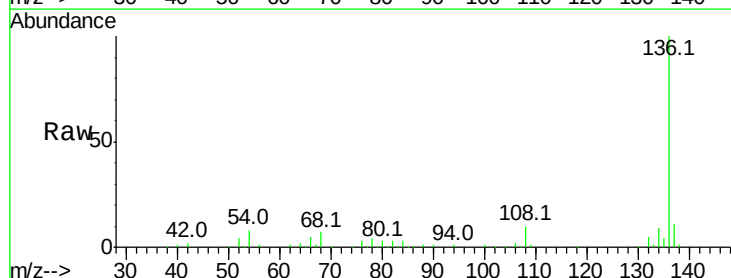
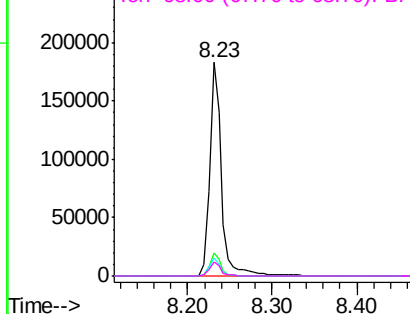
Delta R.T. -0.02 min

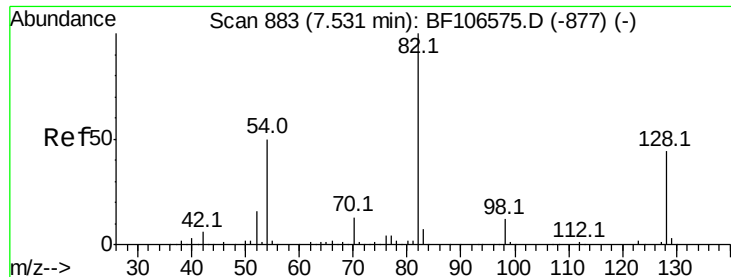
Lab File: BF107215.D

Acq: 7 Jul 2018 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		178320		
137	10.8	8.9	13.3		
54	8.5	6.6	9.8		
68	6.6	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





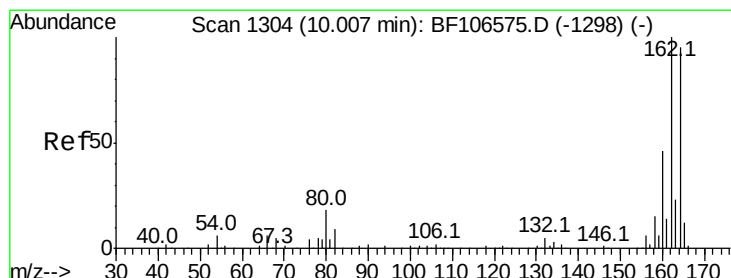
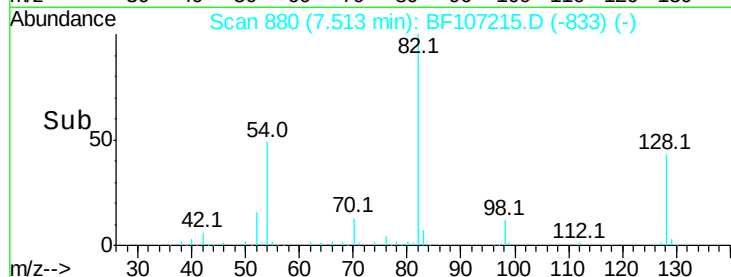
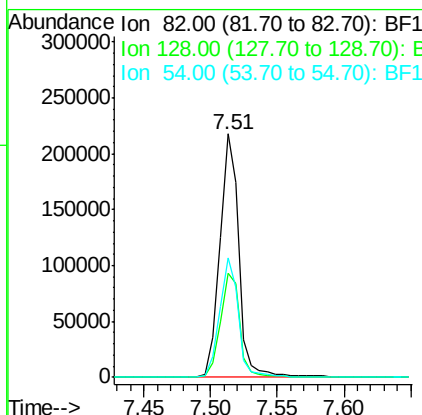
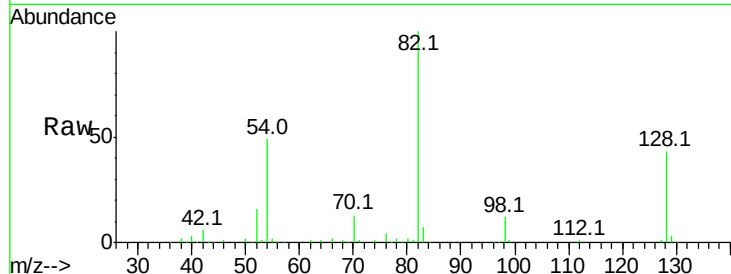
#23
 Nitrobenzene-d5
 Concen: 68.678 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107215.D
 Acq: 7 Jul 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-14

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	36.1	54.1	
54	48.9	41.4	62.2	

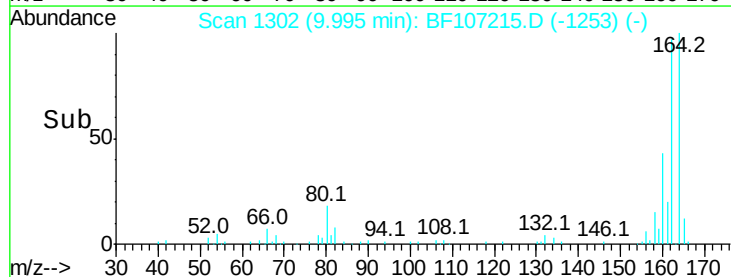
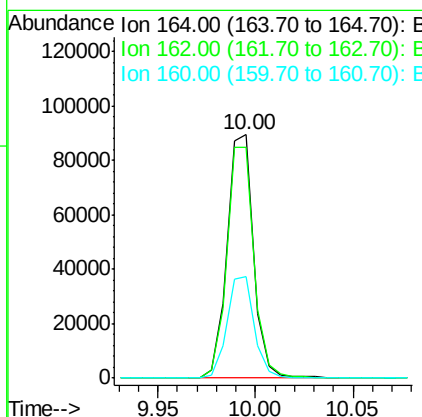
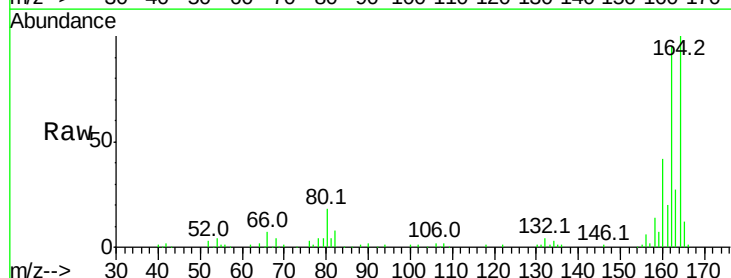
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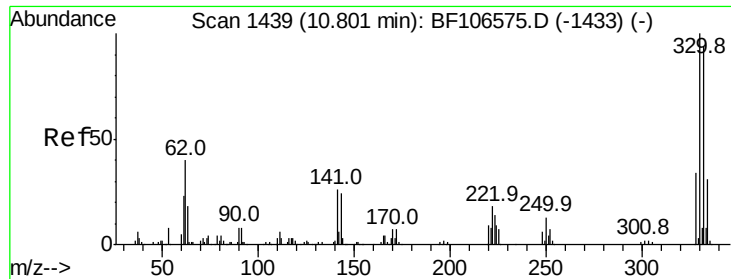
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107215.D
 Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	94.6	86.1	129.1	
160	42.0	38.3	57.5	





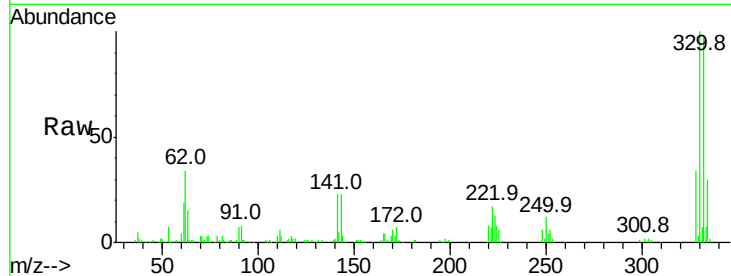
#41
 2,4,6-Tribromophenol
 Concen: 109.100 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107215.D
 Acq: 7 Jul 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-14

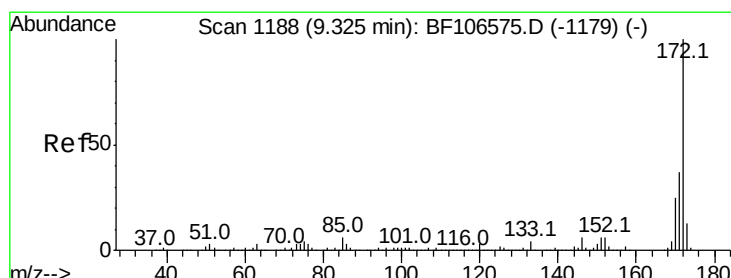
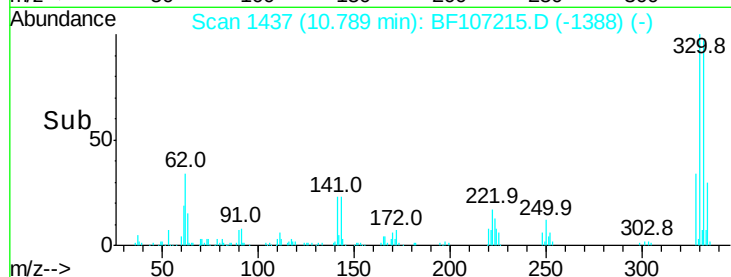
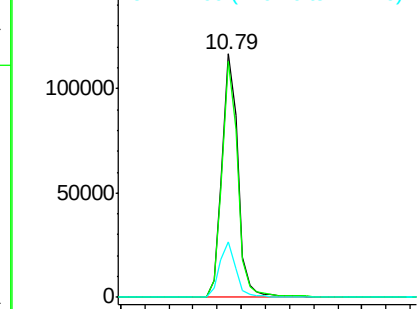
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	23.3	29.9	44.9#

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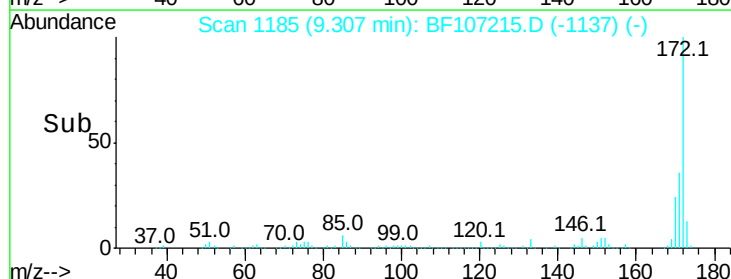
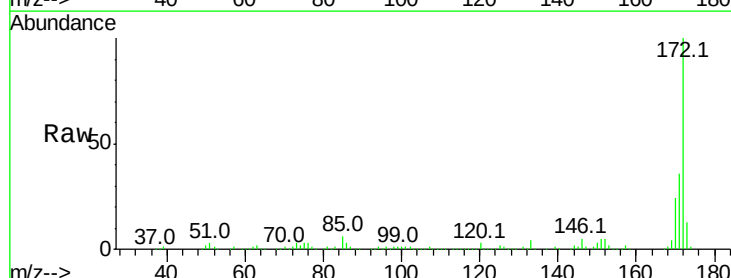
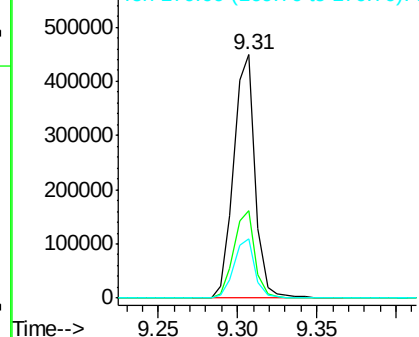
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

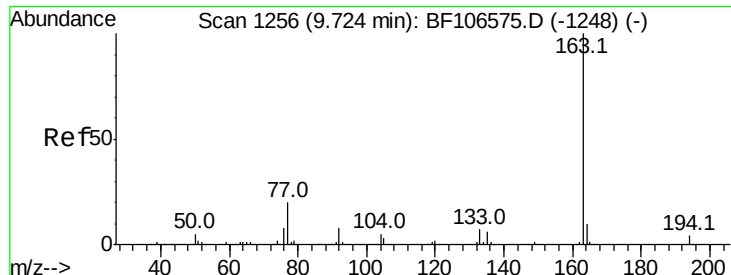


#44
 2-Fluorobiphenyl
 Concen: 85.401 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107215.D
 Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	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





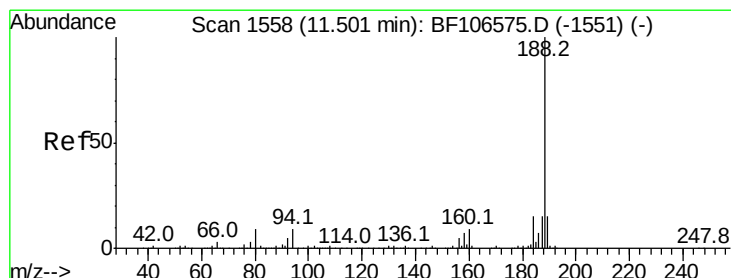
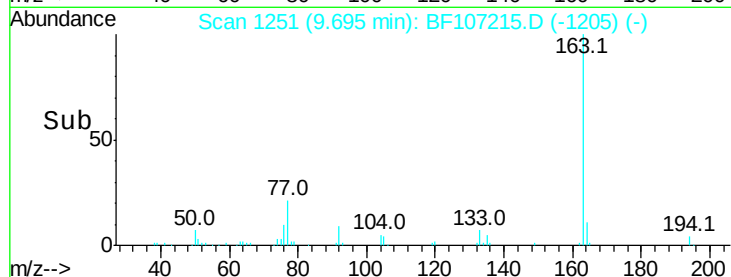
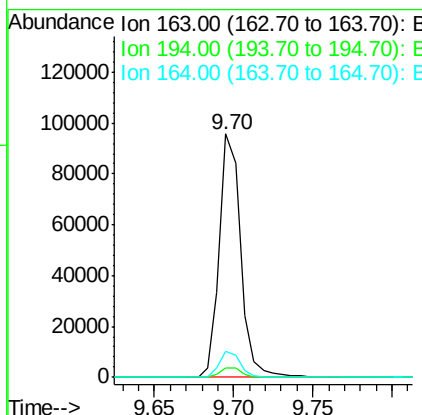
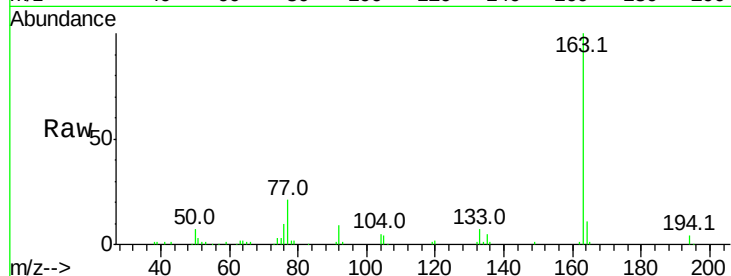
#49
Dimethylphthalate
Concen: 14.251 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-14

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.9	8.2	12.2

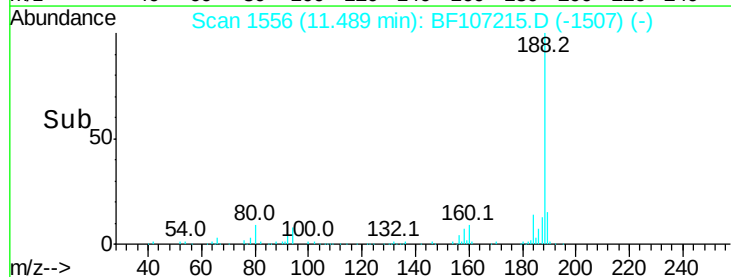
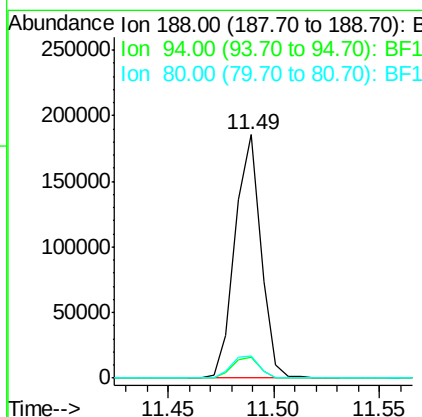
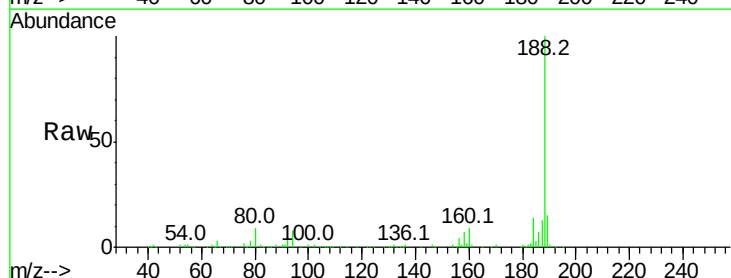
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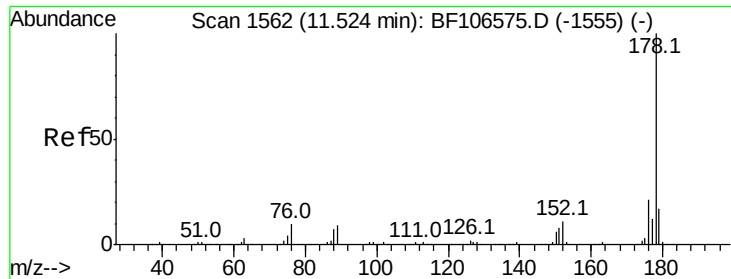
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#





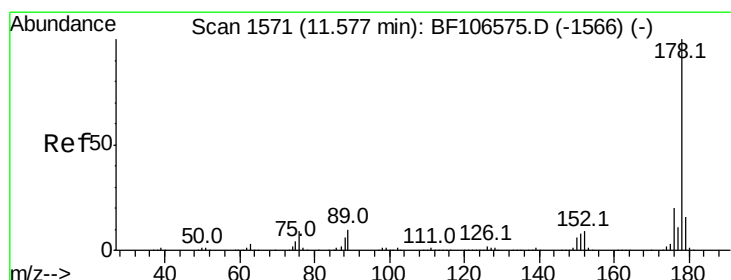
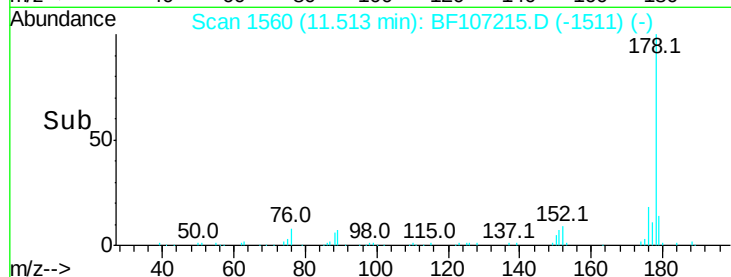
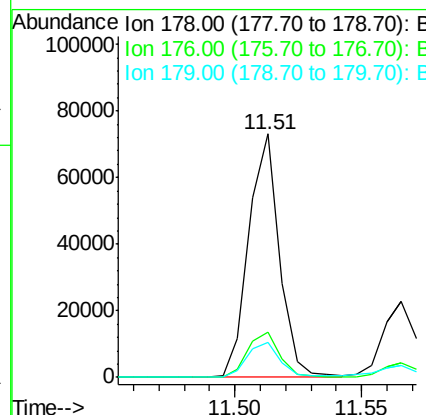
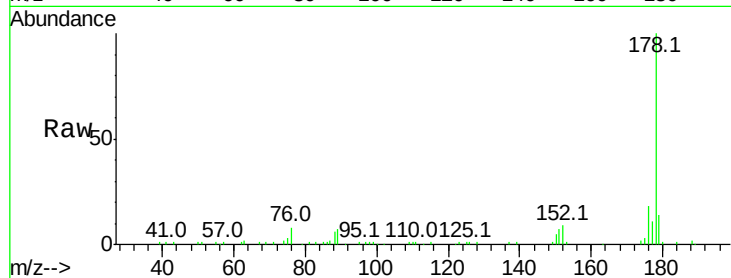
#70
Phenanthrene
Concen: 8.157 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-14

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.4	13.0	19.6

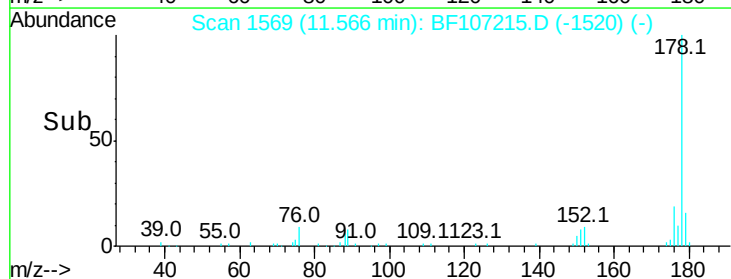
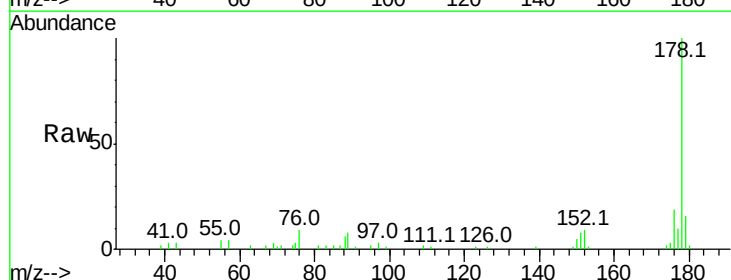
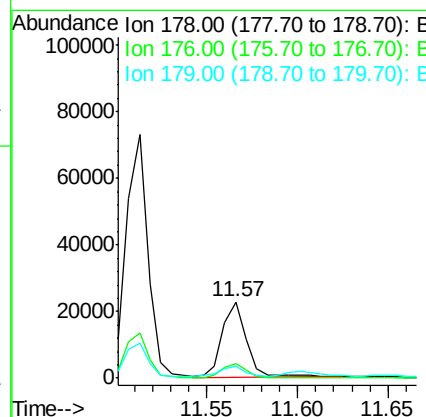
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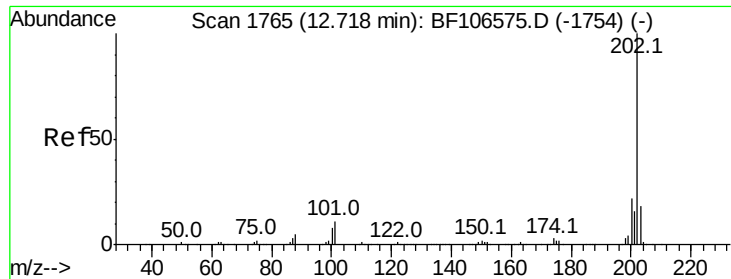
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#71
Anthracene
Concen: 2.760 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 16.263 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107215.D

Acq: 7 Jul 2018 19:05

Instrument :

BNA_F

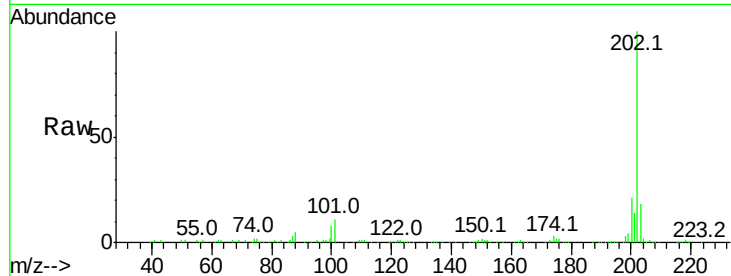
ClientSampleId :

SURCHARGE-SP-14

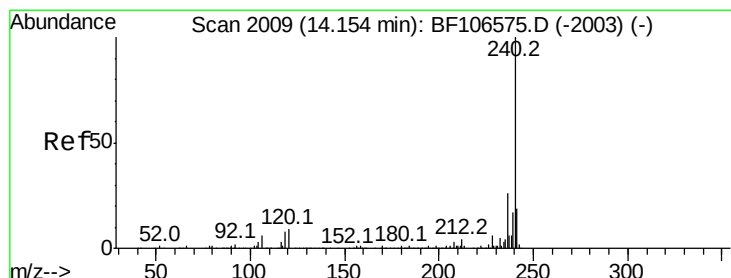
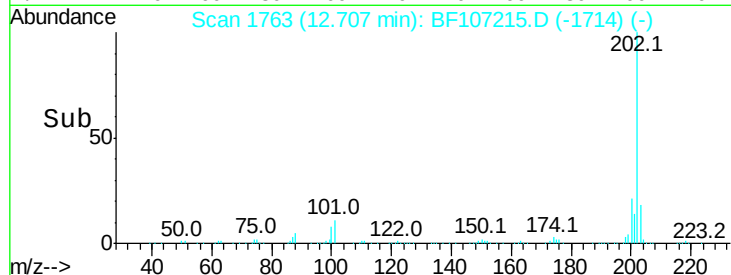
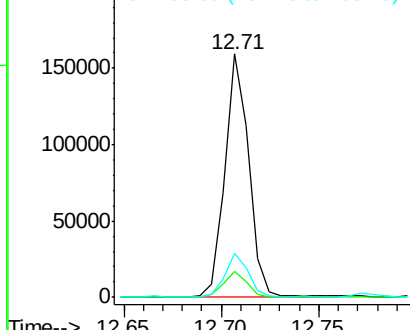
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.6	0.0	34.1	
203	18.2	0.0	38.1	

Manual Integrations
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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

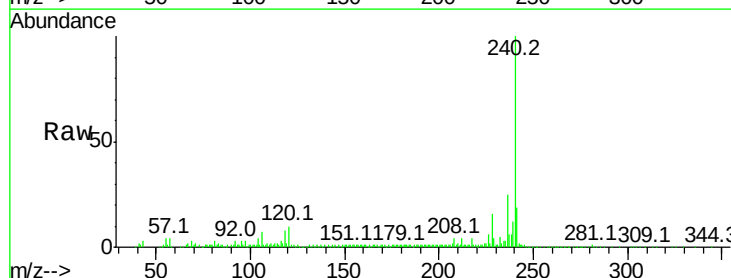
RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

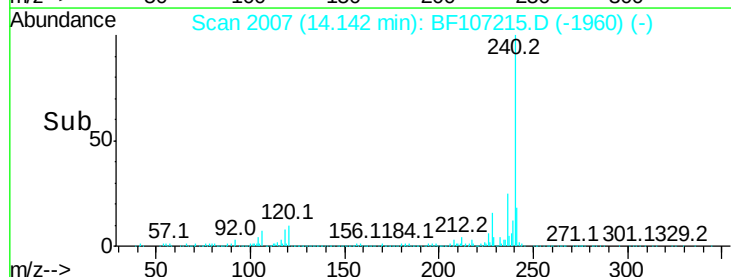
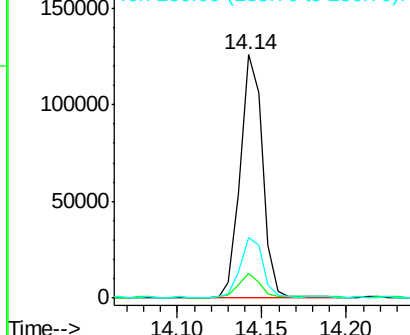
Lab File: BF107215.D

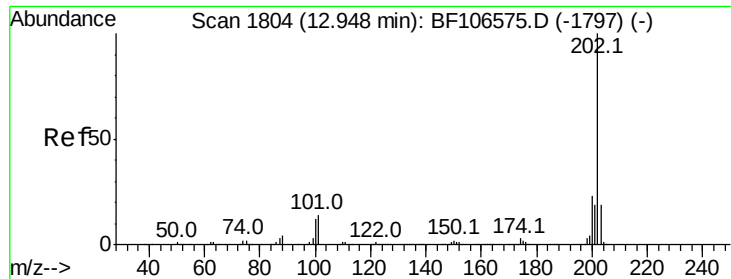
Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.1	9.5	14.3	
236	25.1	20.7	31.1	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 16.838 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107215.D

Acq: 7 Jul 2018 19:05

Instrument :

BNA_F

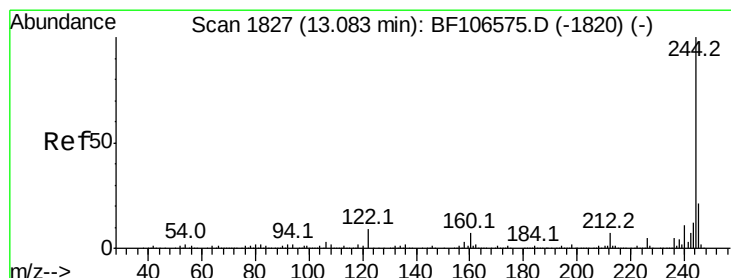
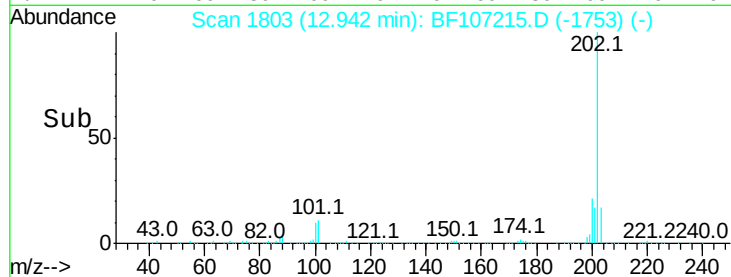
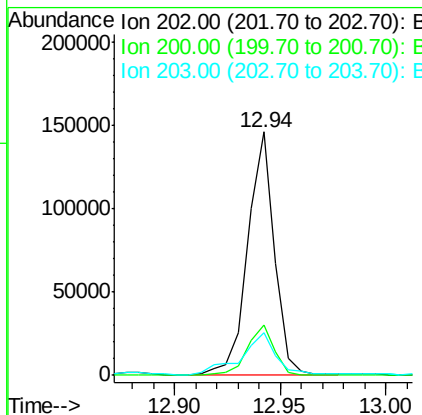
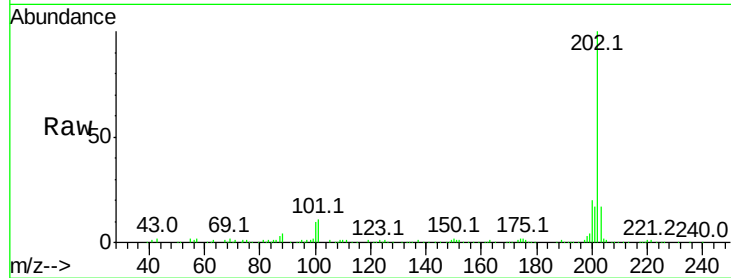
ClientSampleId :

SURCHARGE-SP-14

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

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7/9/2018 2:06:50 PM



#78

Terphenyl-d14

Concen: 98.017 ng

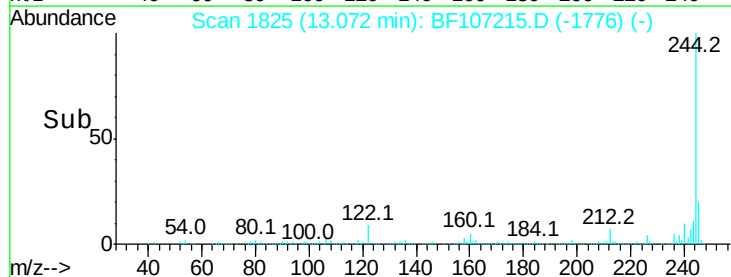
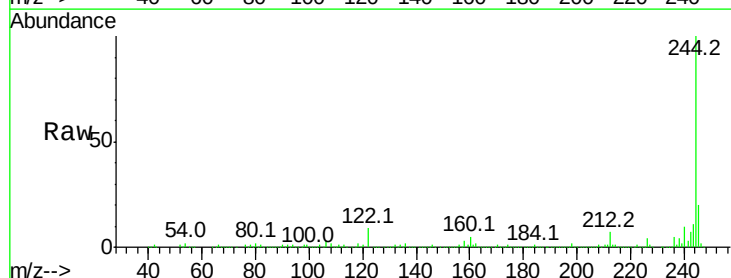
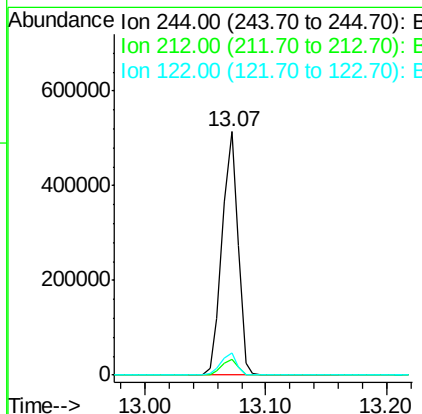
RT: 13.07 min Scan# 1825

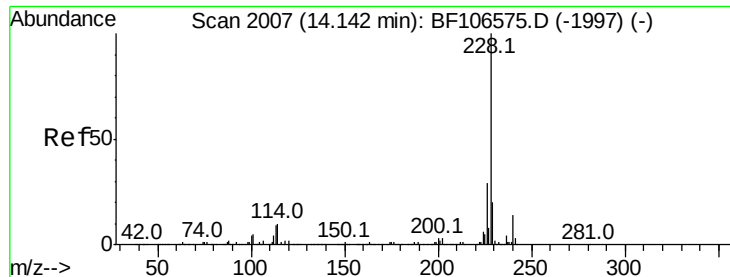
Delta R.T. -0.01 min

Lab File: BF107215.D

Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.4	8.0	
122	9.0	11.0	16.4	





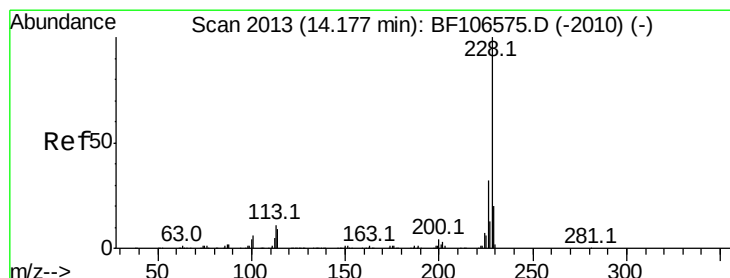
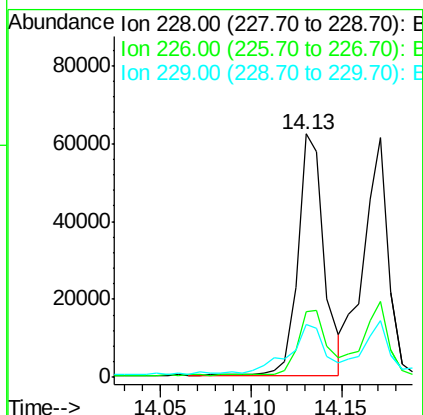
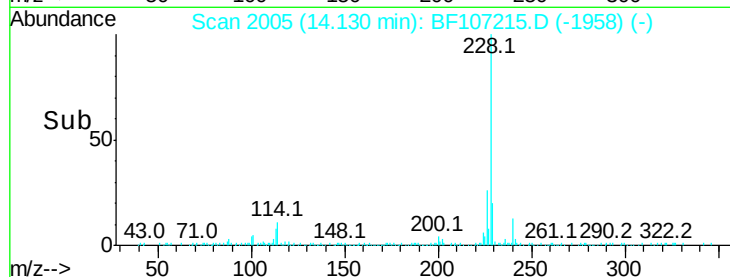
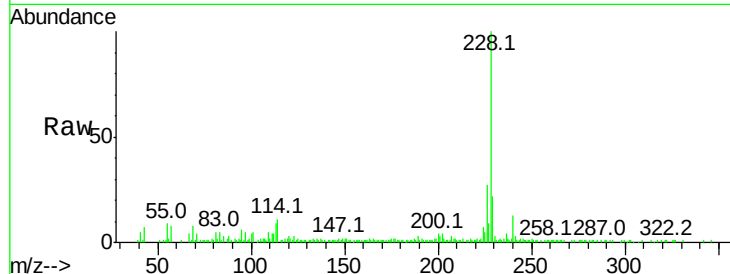
#80
Benzo(a)anthracene
Concen: 9.006 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-14

Tot Ion:228	Resp:	63199
Ion Ratio	Lower	Upper
228	100	
226	27.1	22.6 33.8
229	21.5	15.8 23.6

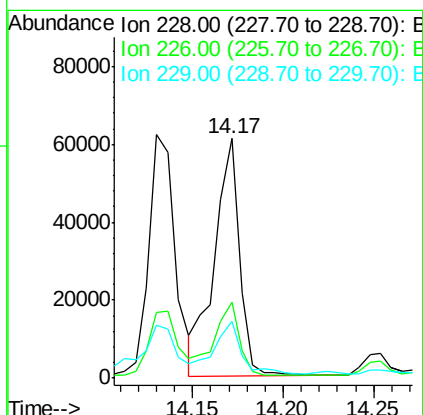
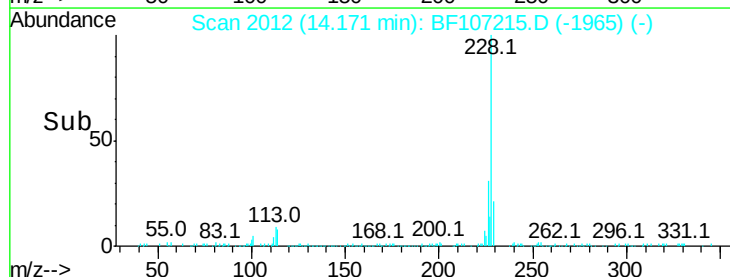
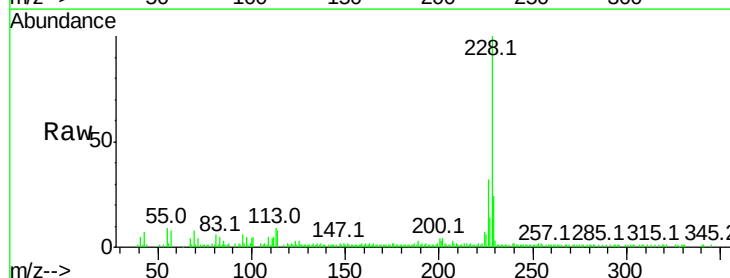
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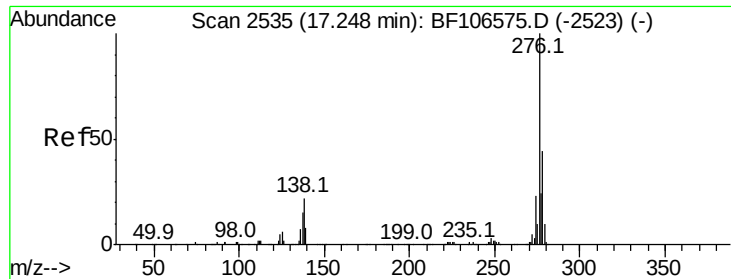
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#82
Chrysene
Concen: 9.123 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Tgt Ion:228	Resp:	58899
Ion Ratio	Lower	Upper
228	100	
226	31.8	25.0 37.6
229	23.8	16.2 24.4





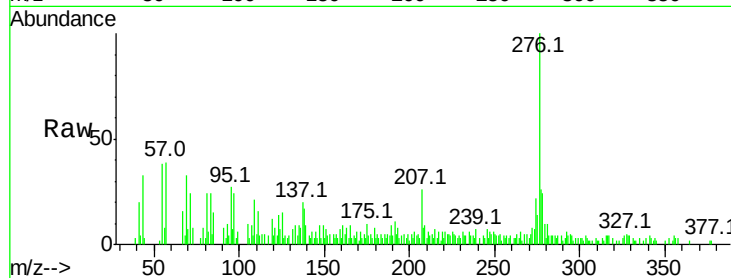
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.930 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-14

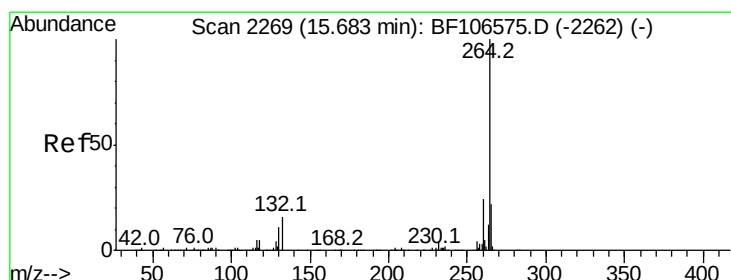
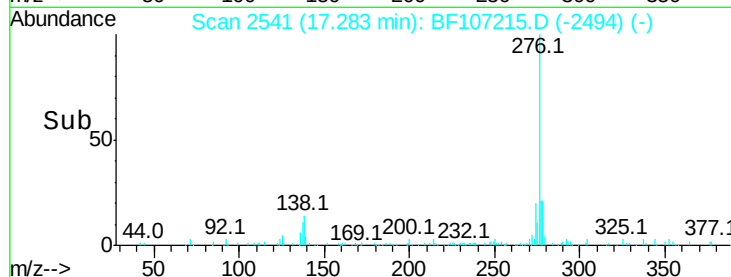
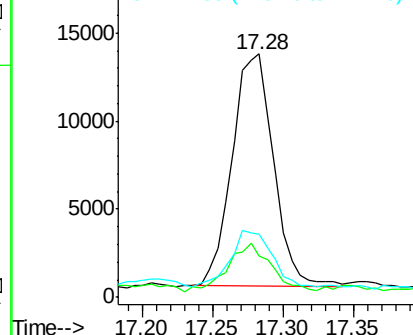
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	24.8	20.1	30.1

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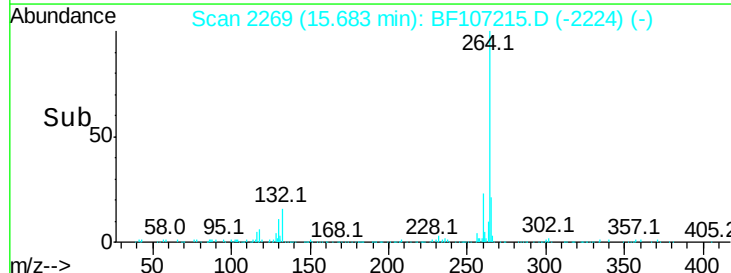
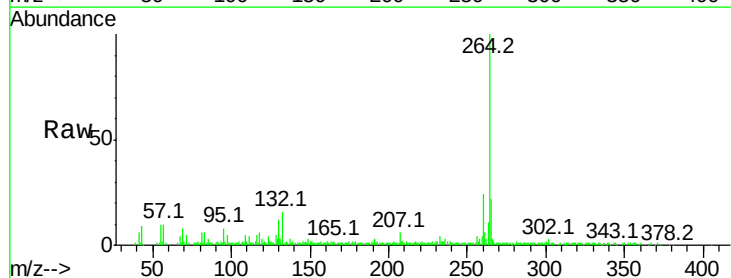
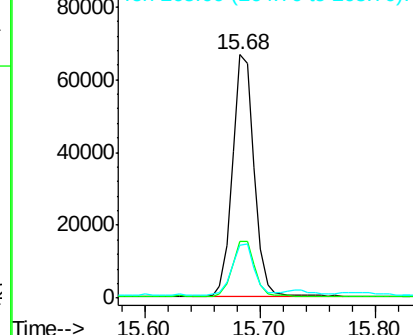
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

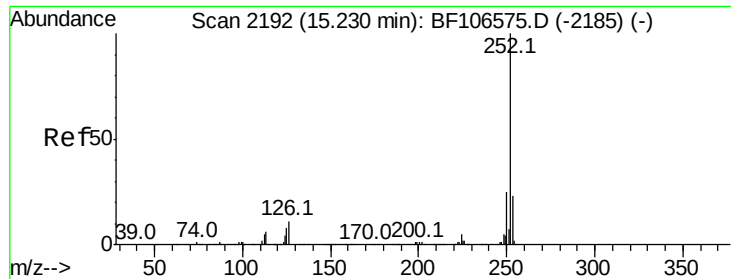


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3

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





#87

Benzo(b)fluoranthene

Concen: 12.920 ng m

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107215.D

Acq: 7 Jul 2018 19:05

Instrument :

BNA_F

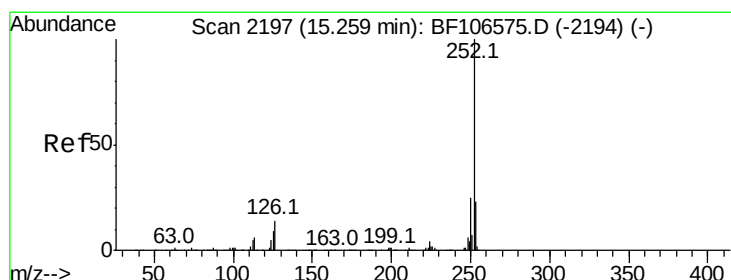
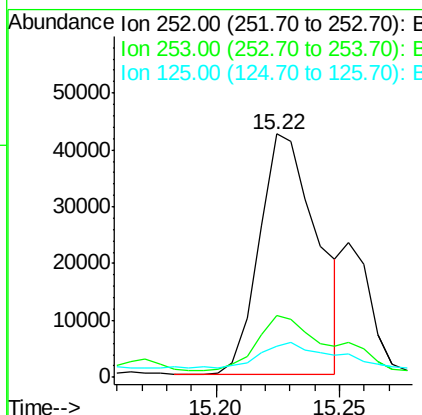
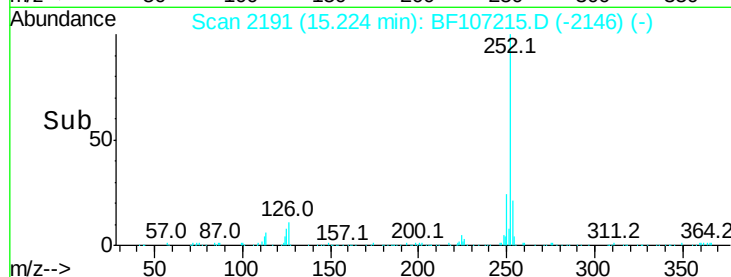
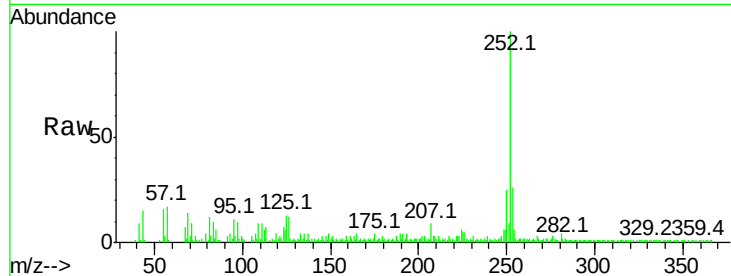
ClientSampleId :

SURCHARGE-SP-14

Tot Ion:	252	Resp:	68960
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.0	25.6
125	12.9	9.0	13.6

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7/9/2018 2:06:50 PM



#88

Benzo(k)fluoranthene

Concen: 3.778 ng m

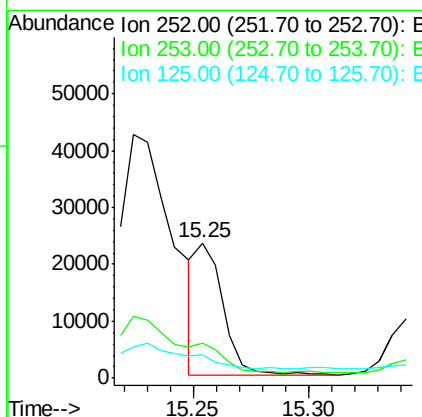
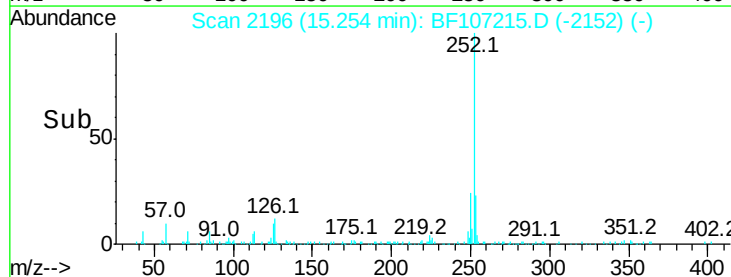
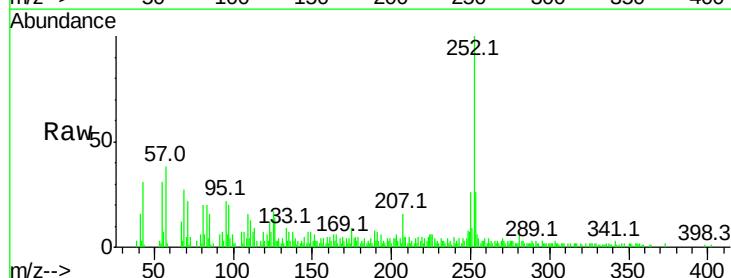
RT: 15.25 min Scan# 2196

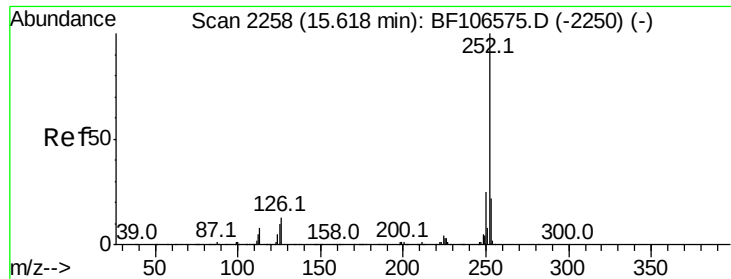
Delta R.T. -0.04 min

Lab File: BF107215.D

Acq: 7 Jul 2018 19:05

Tgt Ion:	252	Resp:	19201
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.9	26.9
125	17.3	10.2	15.2#





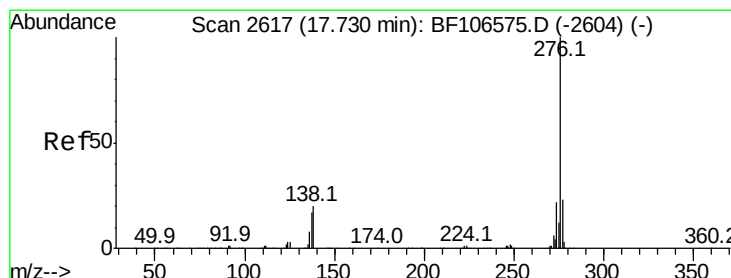
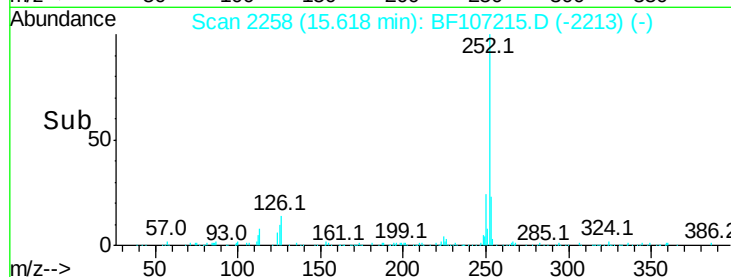
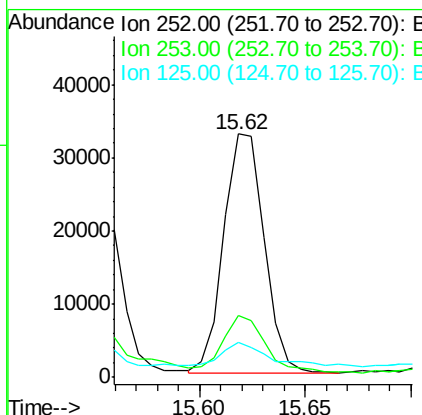
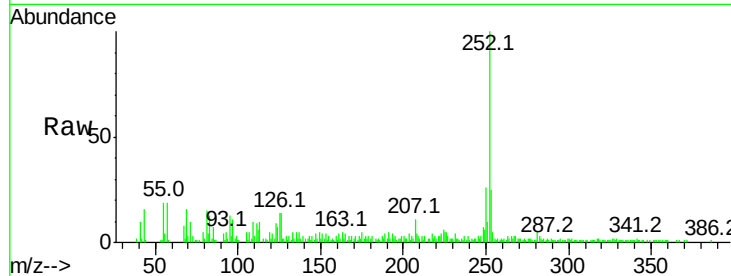
#89
Benzo(a)pyrene
Concen: 9.257 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-14

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	14.3	9.8	14.6

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7/9/2018 2:06:50 PM



#91
Benzo(g,h,i)perylene
Concen: 6.644 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107215.D
Acq: 7 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	22.3	21.8	32.8

