

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107219.D
 Acq On : 7 Jul 2018 20:51
 Operator : JU/SJ
 Sample : J3880-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18

Manual Integrations
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Sohil
 7/9/2018 2:07:00 PM

Quant Time: Jul 09 05:10:43 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	51612	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	177524	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	79730	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	163699	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	127528	20.00	ng	-0.02
86) Perylene-d12	15.68	264	101271	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266473	87.43	ng	0.00
7) Phenol-d6	6.60	99	317045	83.29	ng	-0.02
23) Nitrobenzene-d5	7.51	82	173952	54.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	85298	92.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	336262	68.53	ng	-0.02
78) Terphenyl-d14	13.07	244	420825	79.93	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	81779	13.676	ng	Qvalue 99
70) Phenanthrene	11.51	178	79824	10.110	ng	98
71) Anthracene	11.57	178	28180	3.497	ng	98
74) Fluoranthene	12.71	202	174476	20.049	ng	97
77) Pyrene	12.94	202	156444	18.603	ng	99
80) Benzo(a)anthracene	14.13	228	76166	9.799	ng	98
82) Chrysene	14.17	228	71950	10.062	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	12306	2.784	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	32977	5.434	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	77962m	12.393	ng	
88) Benzo(k)fluoranthene	15.25	252	27331m	4.562	ng	
89) Benzo(a)pyrene	15.62	252	53022	9.481	ng	96
91) Benzo(a,h,i)perylene	17.77	276	33202	7.167	ng	# 86

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

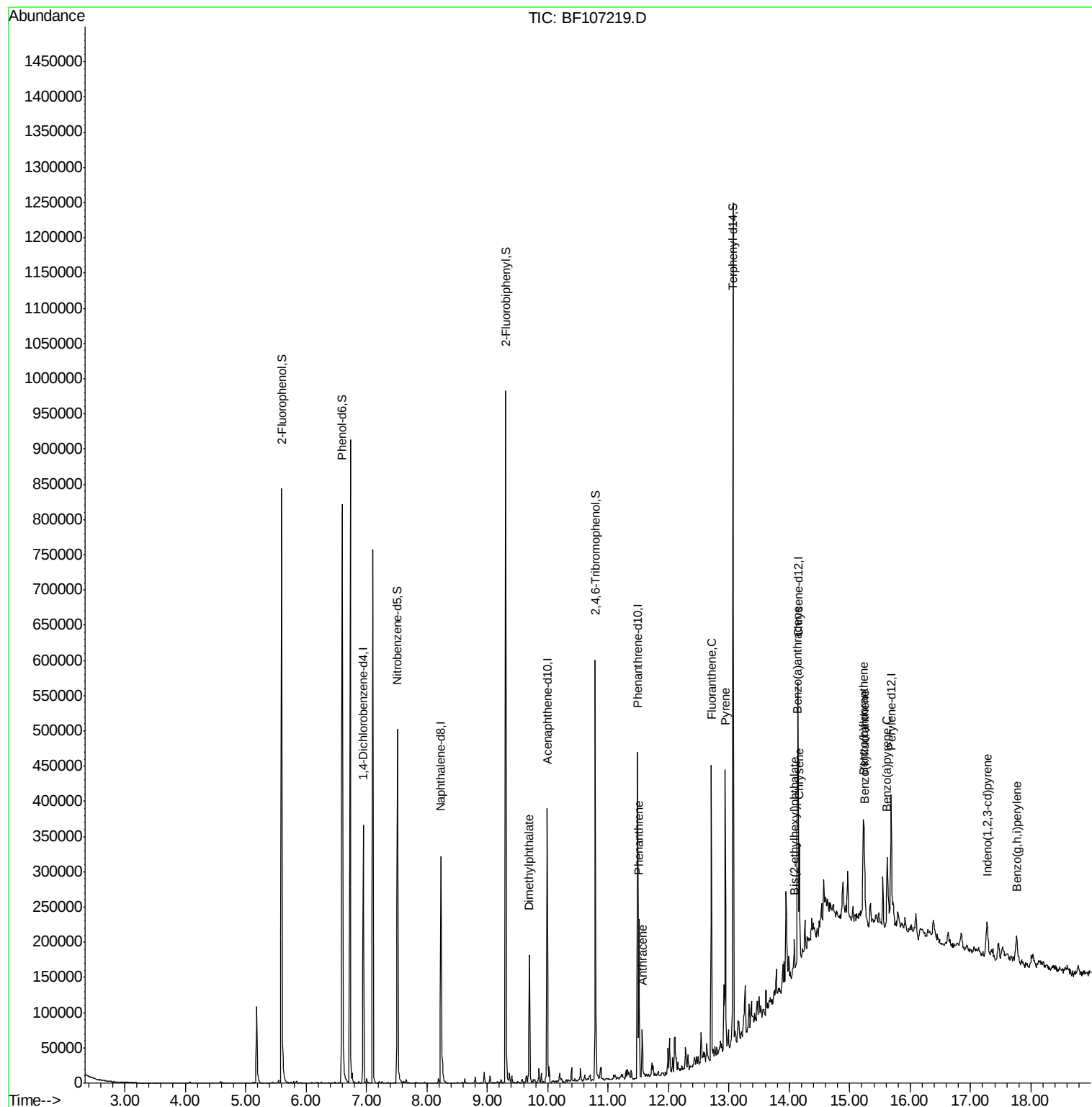
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107219.D
Acq On : 7 Jul 2018 20:51
Operator : JU/SJ
Sample : J3880-15
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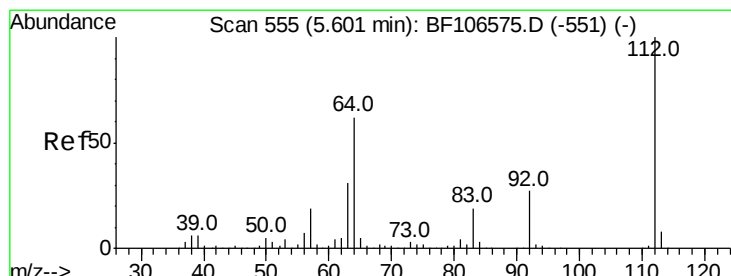
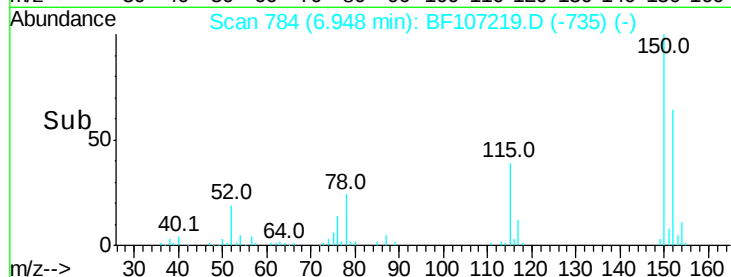
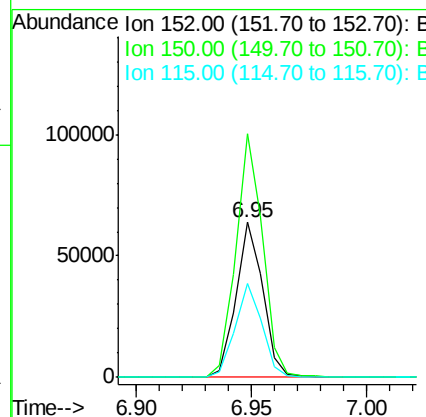
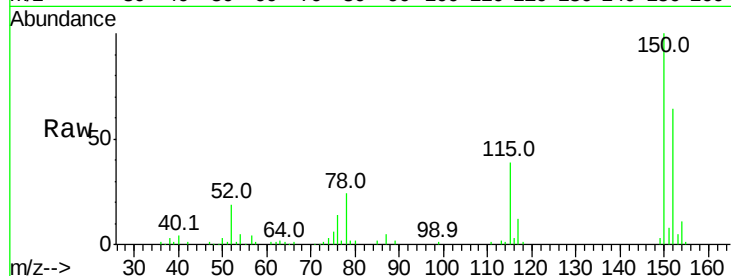
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.6	50.1	75.1

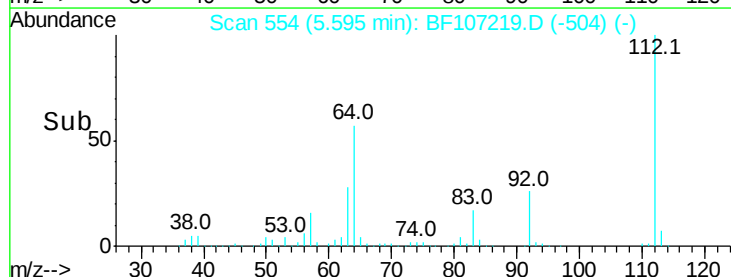
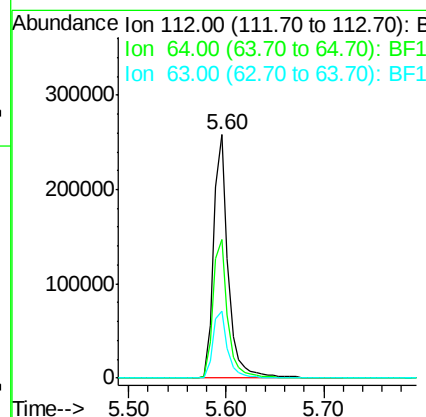
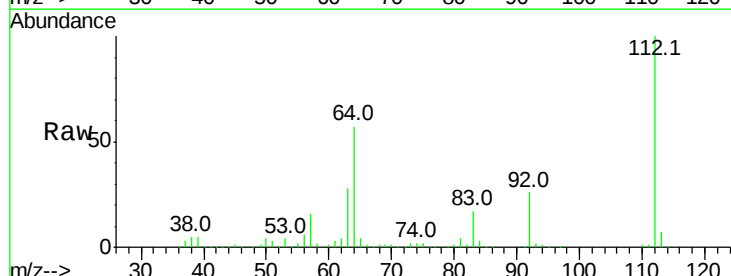
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#5
 2-Fluorophenol
 Concen: 87.426 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 83.294 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107219.D

Acq: 7 Jul 2018 20:51

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-18

Tot Ion: 99 Resp: 317045

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

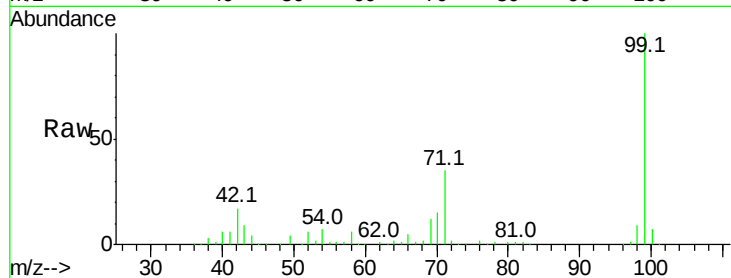
71 34.9 25.4 38.0

Manual Integrations

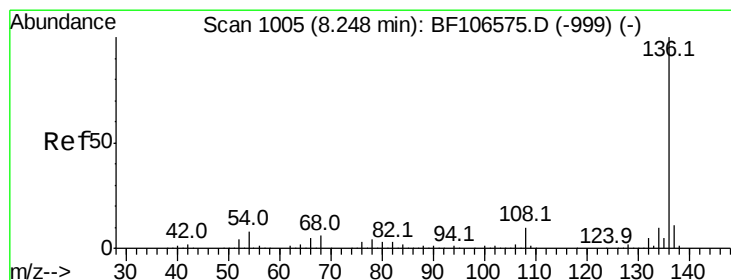
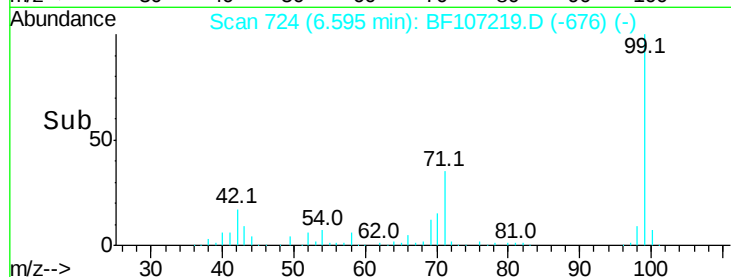
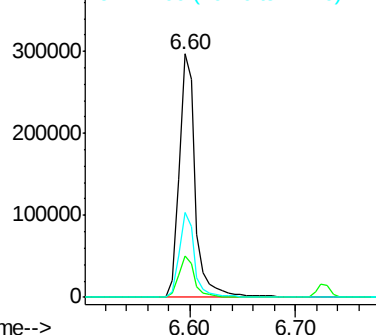
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107219.D

Acq: 7 Jul 2018 20:51

Tgt Ion: 136 Resp: 177524

Ion Ratio Lower Upper

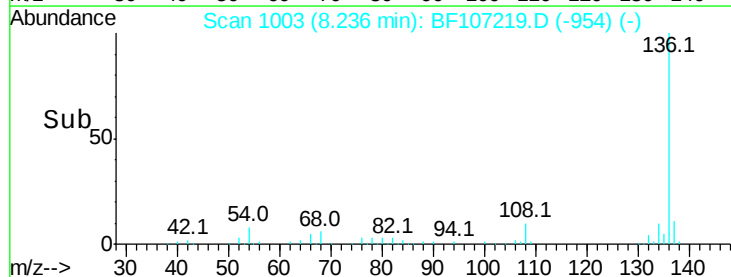
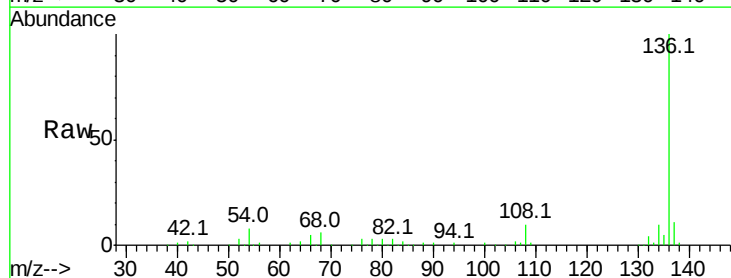
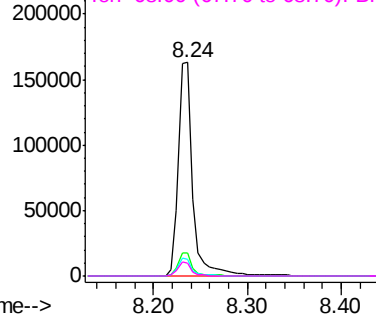
136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 6.1 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





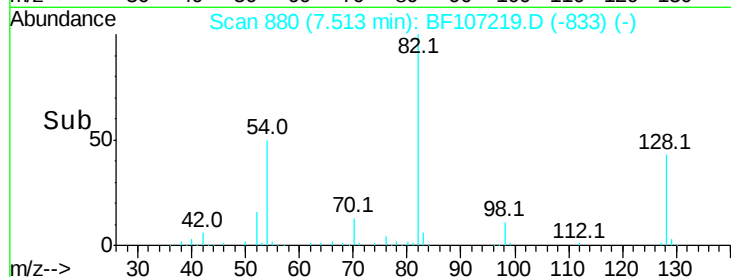
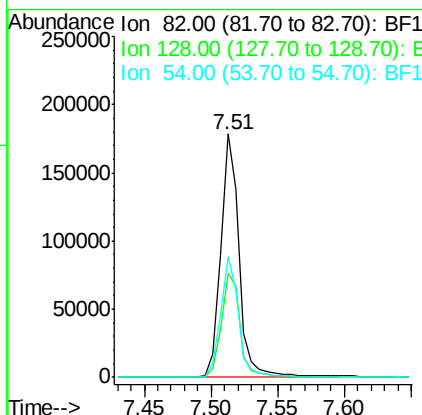
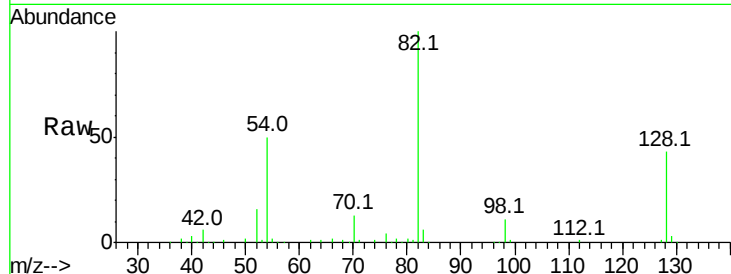
#23
Nitrobenzene-d5
Concen: 54.455 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18

Tot Ion	82	Resp	173952
Ion Ratio	Lower	Upper	
82	100		
128	42.9	36.1	54.1
54	49.6	41.4	62.2

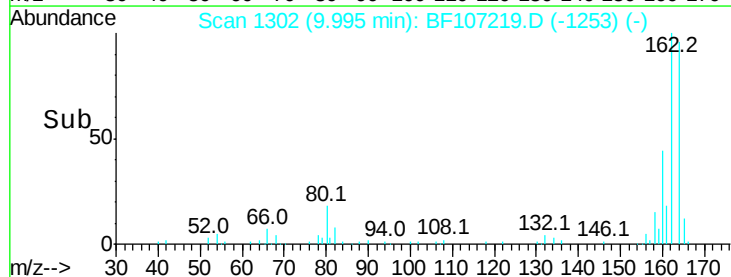
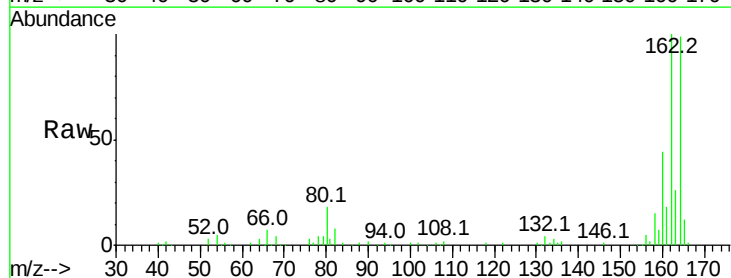
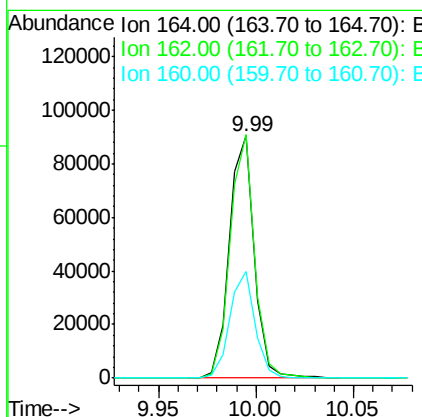
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Tgt Ion	164	Resp	79730
Ion Ratio	Lower	Upper	
164	100		
162	100.7	86.1	129.1
160	44.0	38.3	57.5





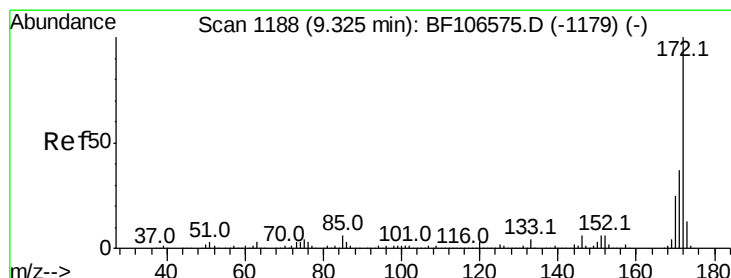
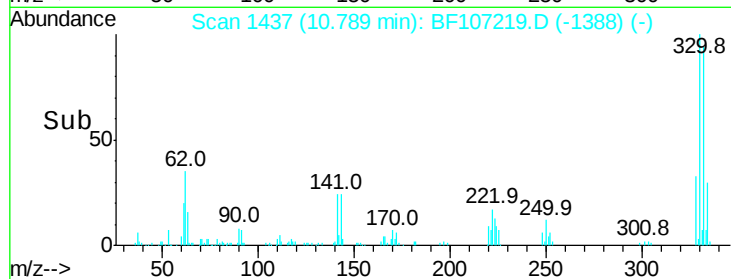
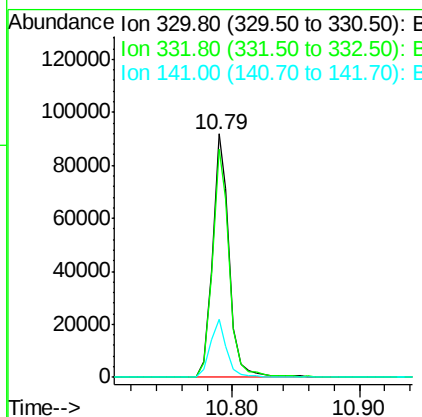
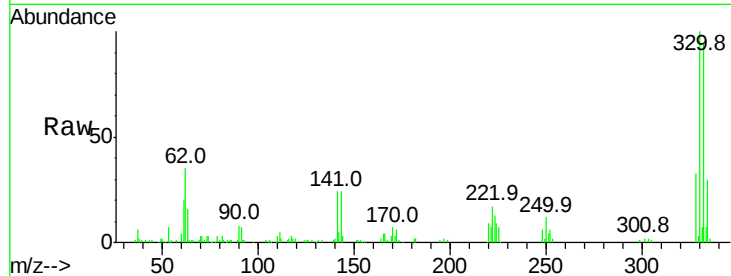
#41
 2,4,6-Tribromophenol
 Concen: 92.305 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	23.5	29.9	44.9#

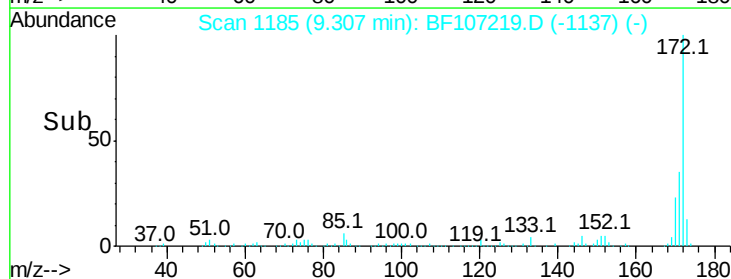
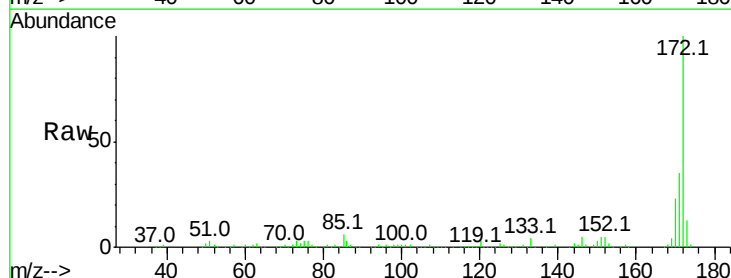
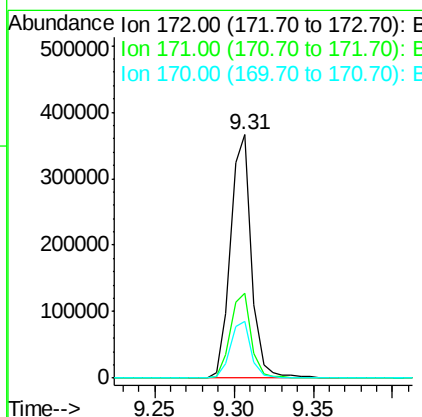
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#44
 2-Fluorobiphenyl
 Concen: 68.528 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.3	19.6	29.4





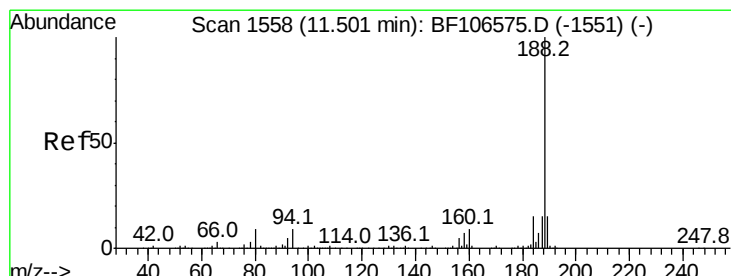
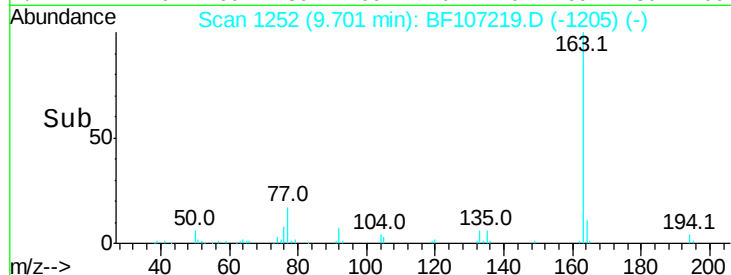
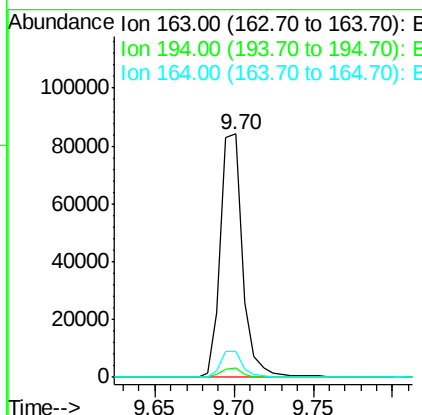
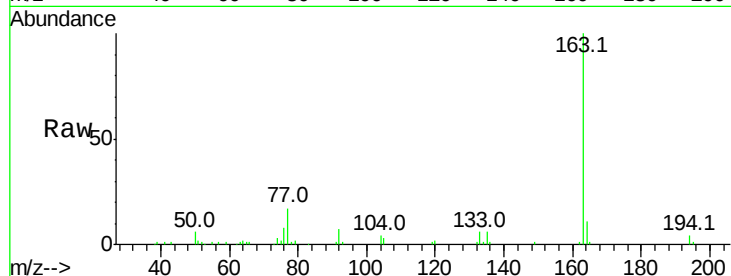
#49
Dimethylphthalate
Concen: 13.676 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.7	8.2	12.2

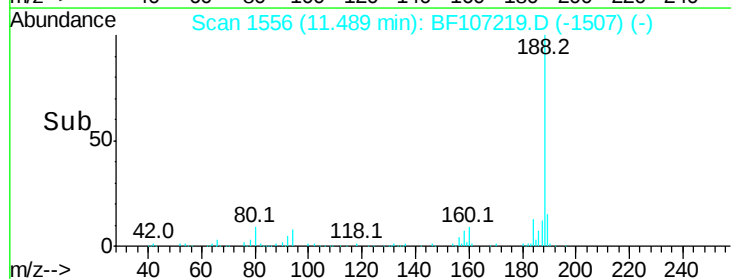
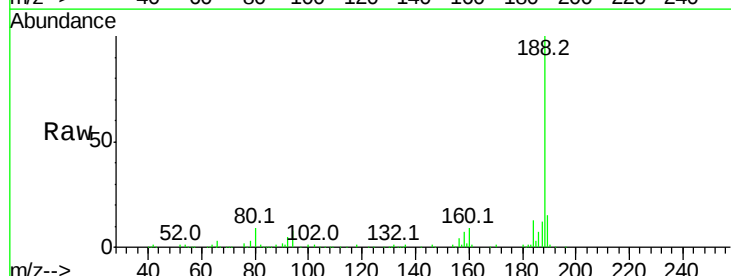
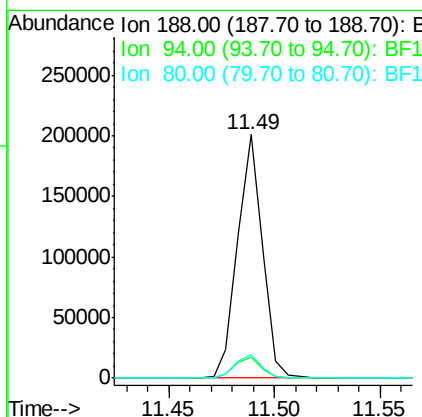
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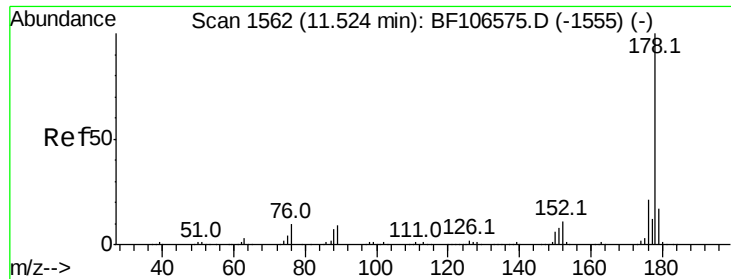
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.4	9.2	13.8





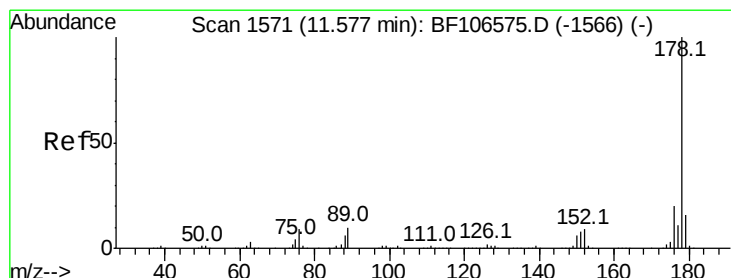
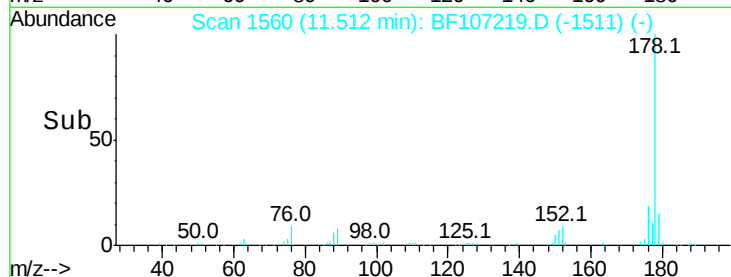
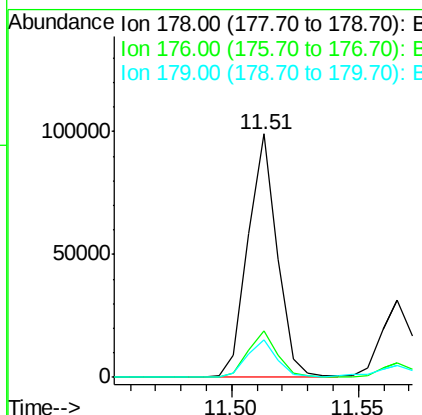
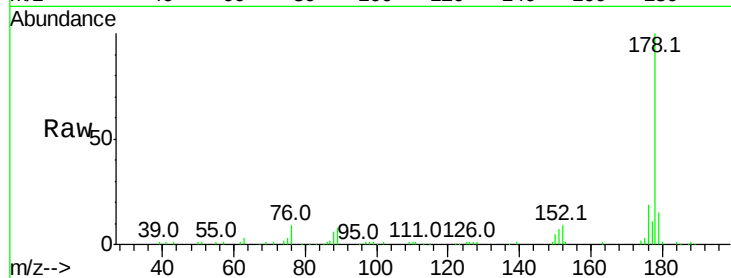
#70
Phenanthrene
Concen: 10.110 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	13.0	19.6

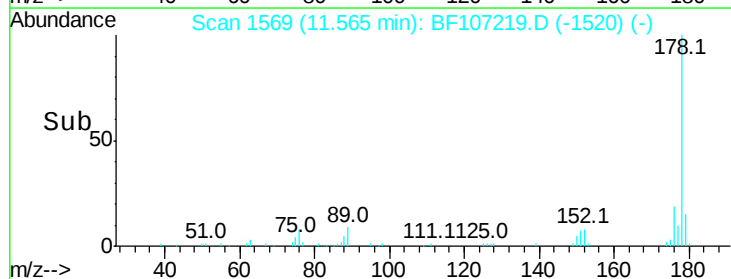
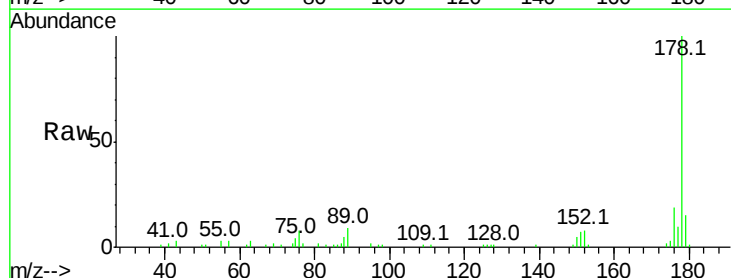
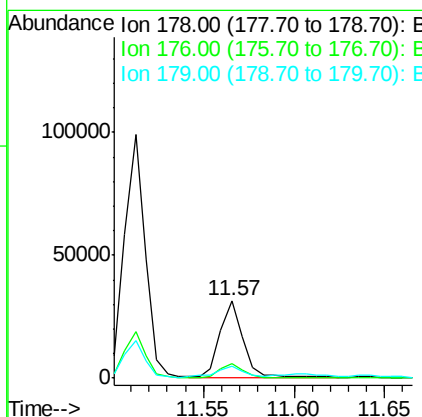
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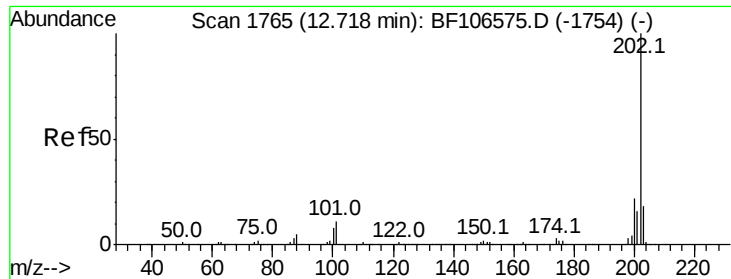
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#71
Anthracene
Concen: 3.497 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.8	12.6	19.0





#74

Fluoranthene

Concen: 20.049 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107219.D

Acq: 7 Jul 2018 20:51

Instrument :

BNA_F

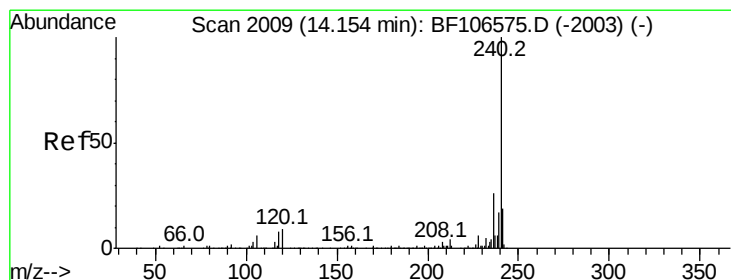
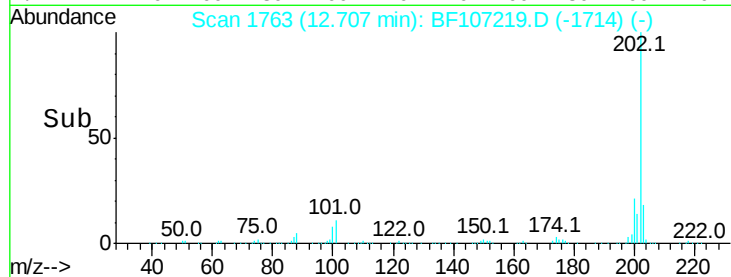
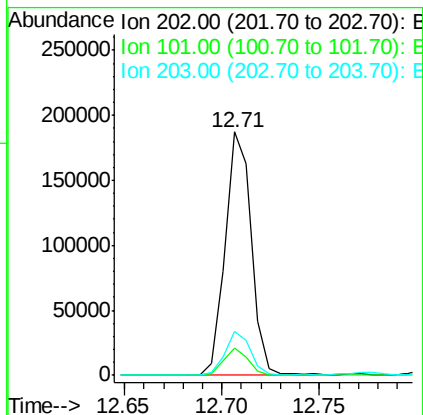
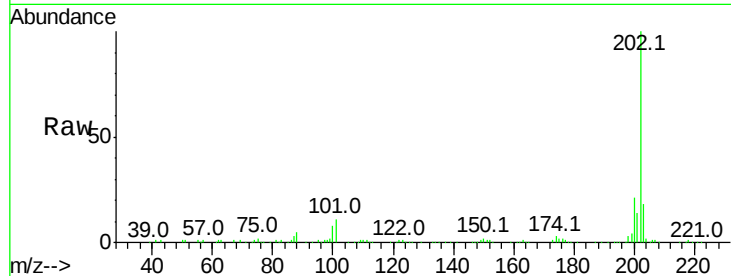
ClientSampleId :

SURCHARGE-SP-18

Tot Ion	Ratio	Resp	Lower	Upper
202	100	174476		
101	11.2	0.0	34.1	
203	17.8	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

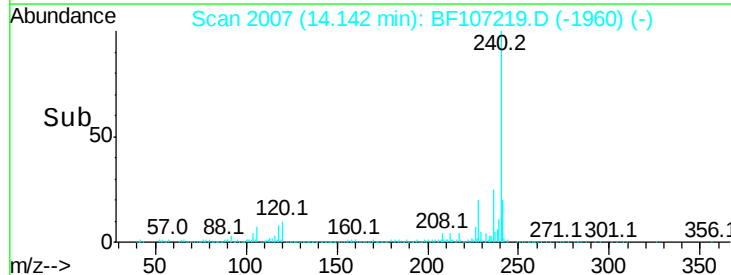
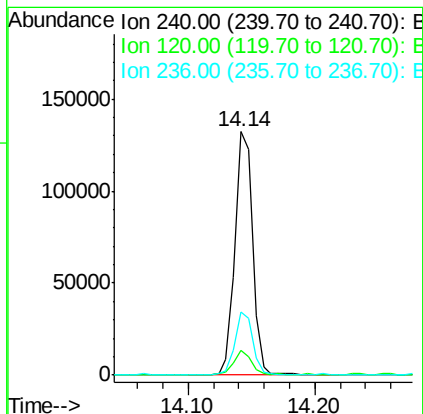
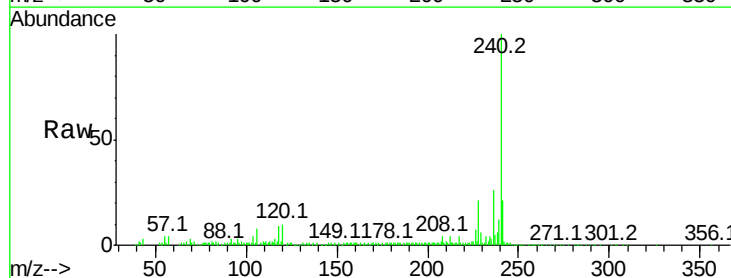
RT: 14.14 min Scan# 2007

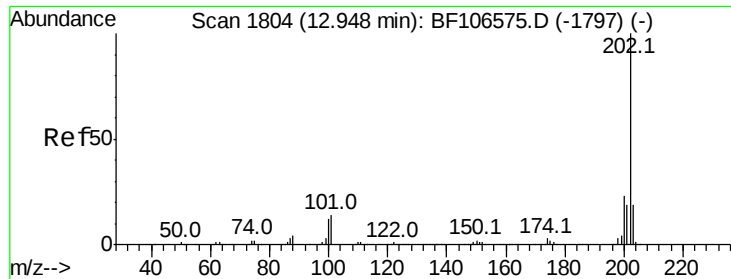
Delta R.T. -0.02 min

Lab File: BF107219.D

Acq: 7 Jul 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	127528		
120	10.0	9.5	14.3	
236	25.7	20.7	31.1	





#77

Pvrene

Concen: 18.603 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107219.D

Acq: 7 Jul 2018 20:51

Instrument :

BNA_F

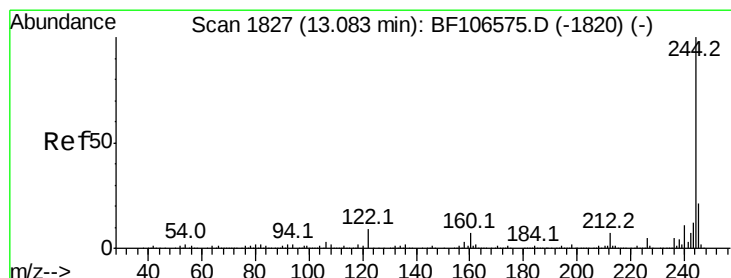
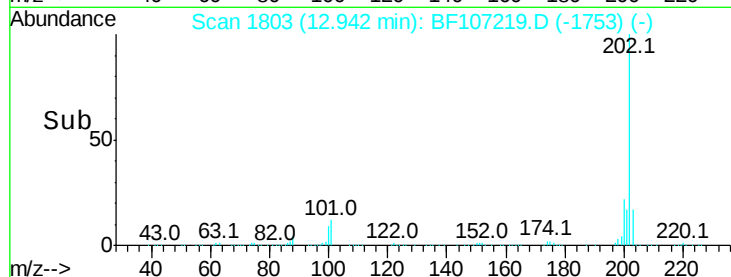
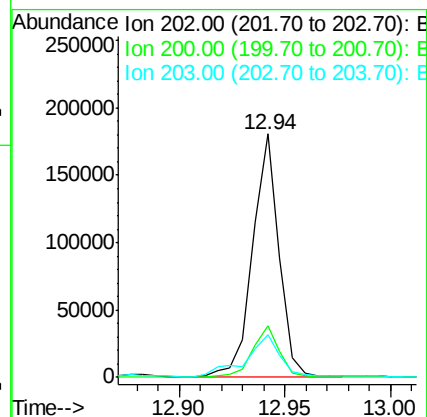
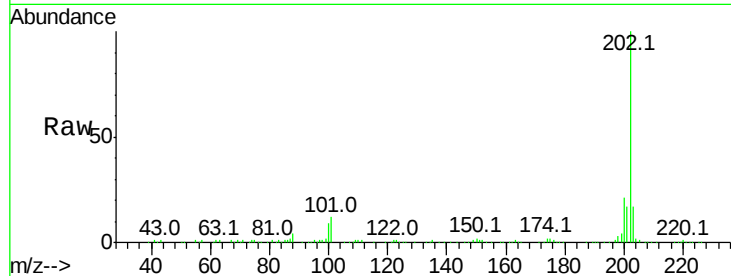
ClientSampleId :

SURCHARGE-SP-18

Tot Ion:	202	Resp:	156444
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 79.933 ng

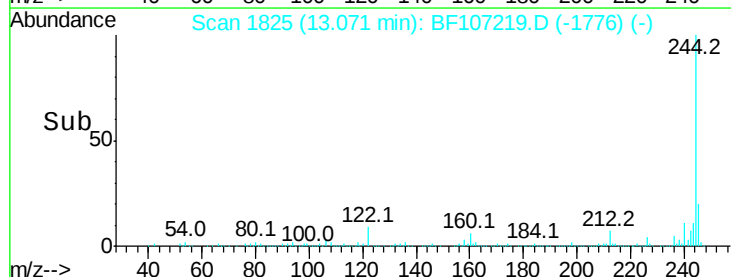
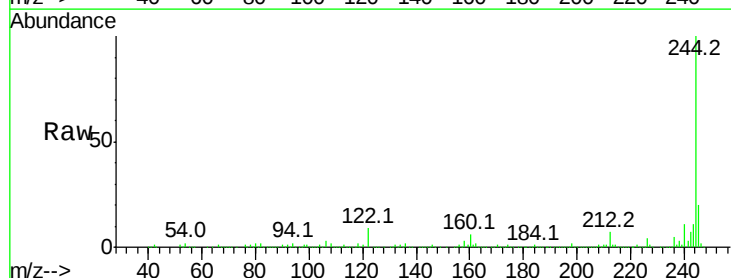
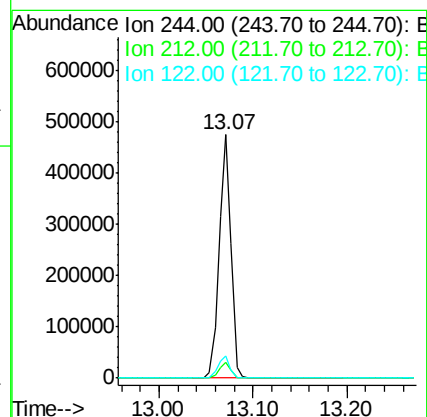
RT: 13.07 min Scan# 1825

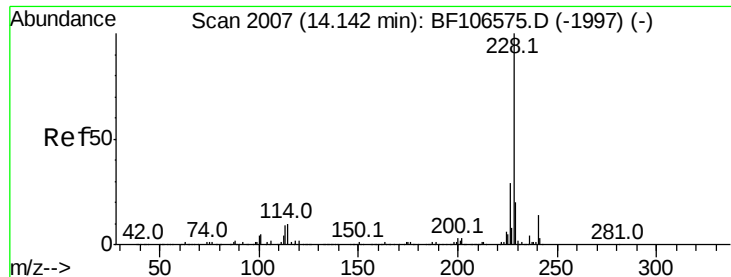
Delta R.T. -0.01 min

Lab File: BF107219.D

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Tgt Ion:	244	Resp:	420825
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4#





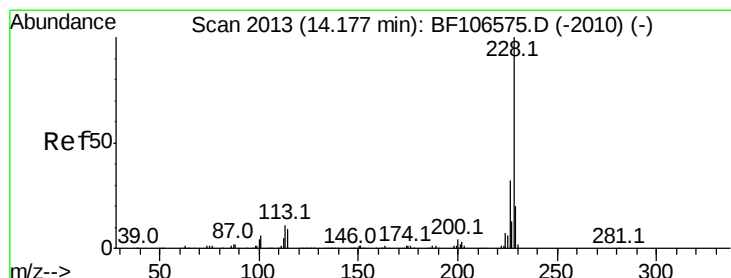
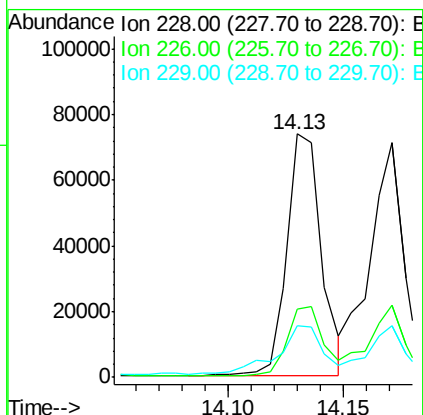
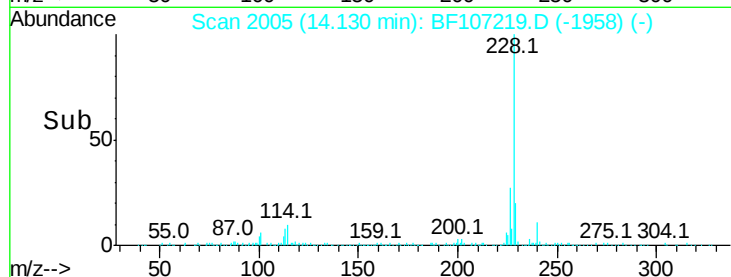
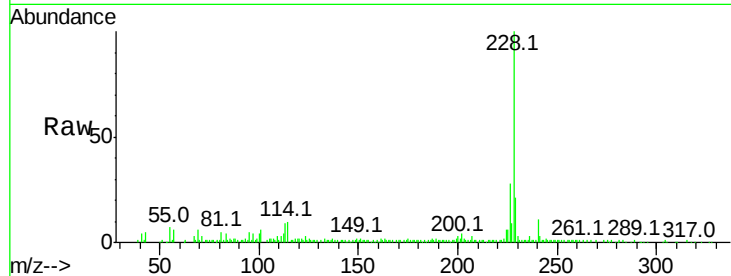
#80
Benzo(a)anthracene
Concen: 9.799 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.2	15.8	23.6

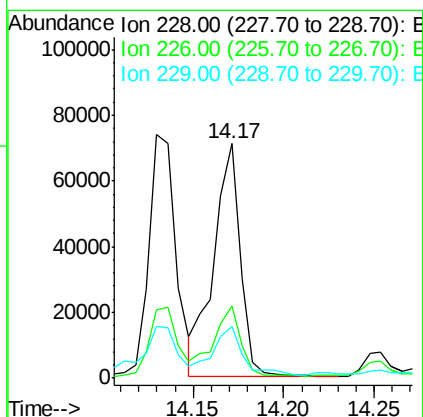
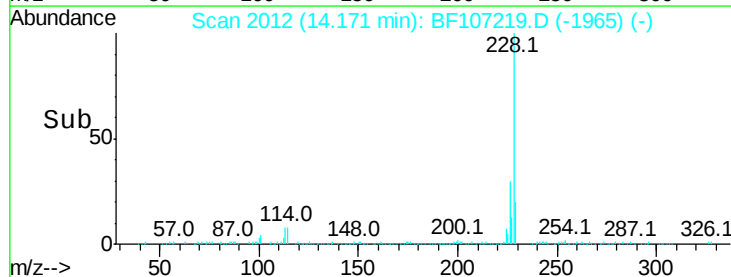
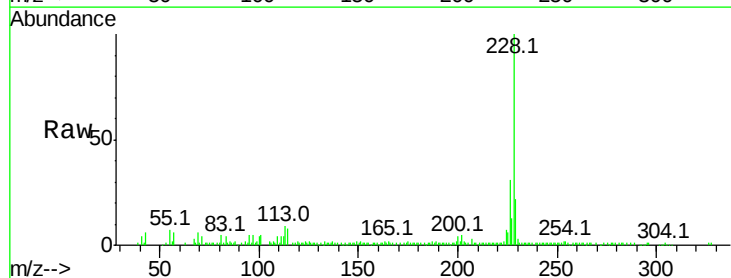
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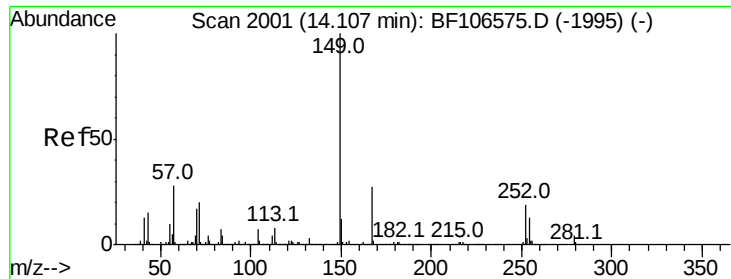
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#82
Chrysene
Concen: 10.062 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107219.D
Acq: 7 Jul 2018 20:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	22.1	16.2	24.4





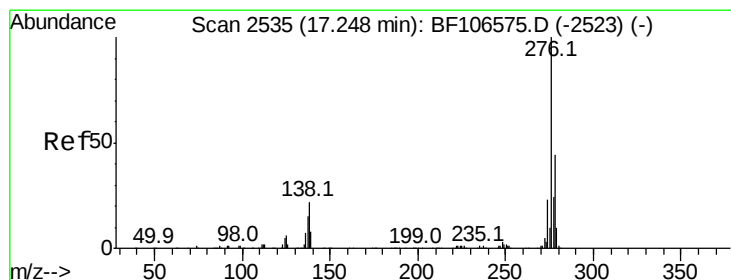
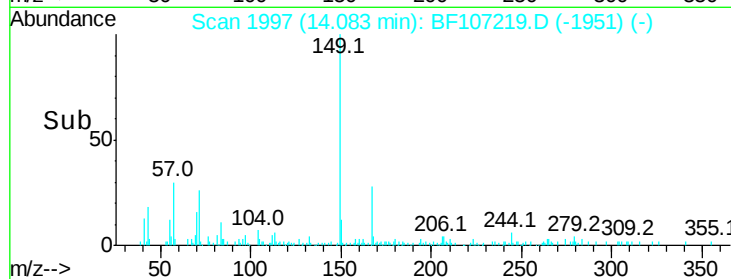
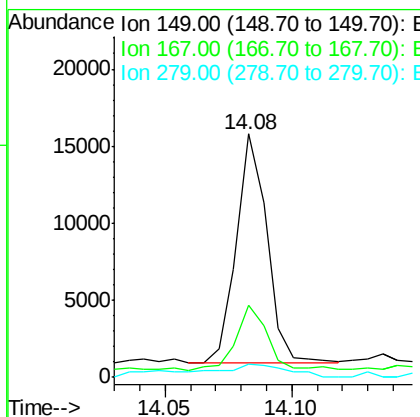
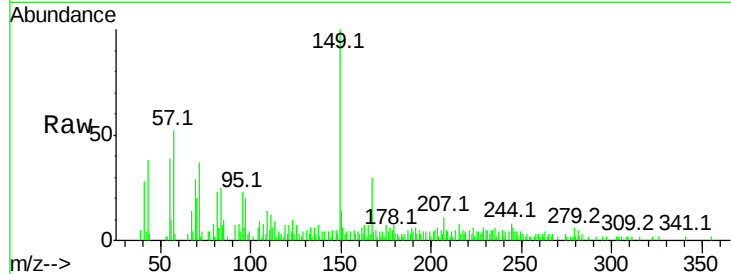
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.784 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.3	31.9
279	5.7	3.0	4.4

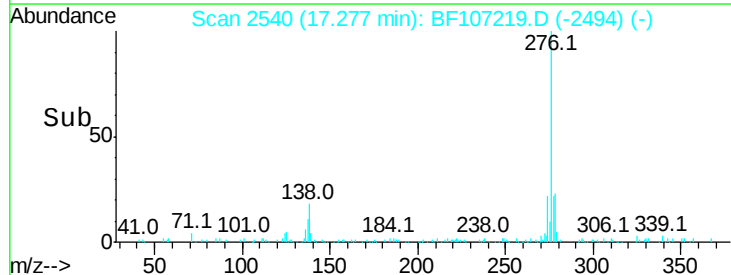
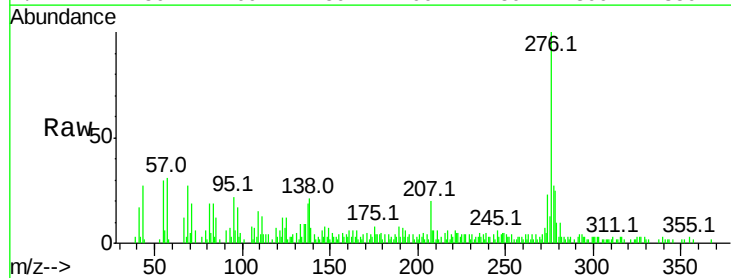
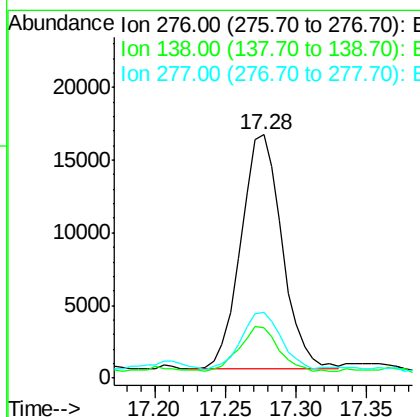
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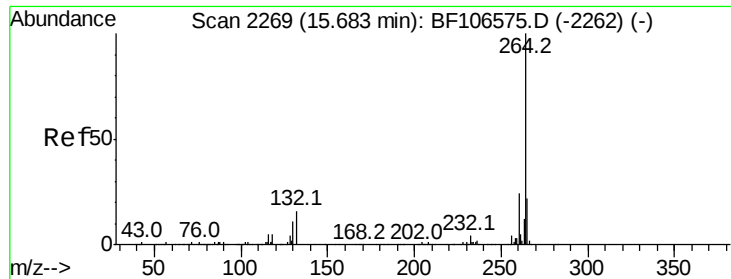
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.434 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	25.0	37.6
277	24.4	20.1	30.1





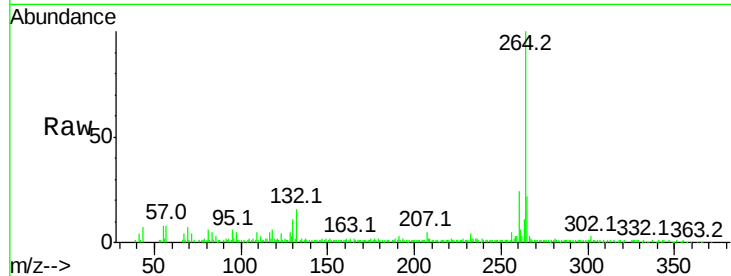
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

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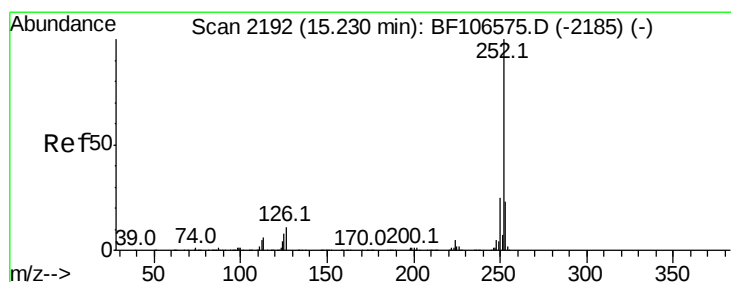
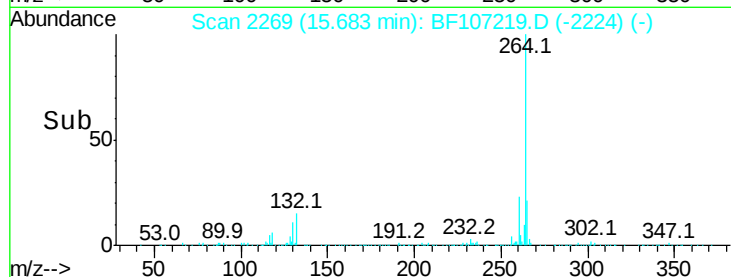
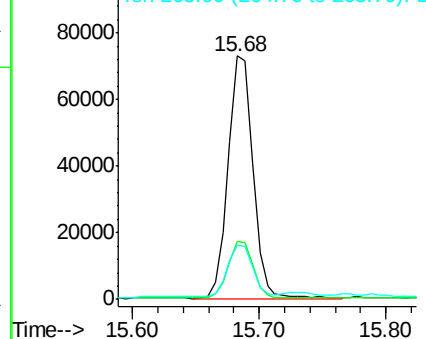


Abundance

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: 12.393 ng m
 RT: 15.22 min Scan# 2191
 Delta R.T. -0.04 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

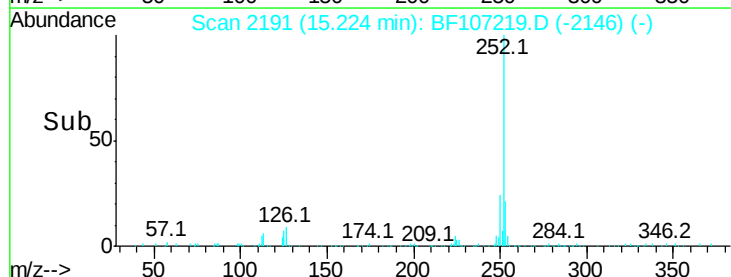
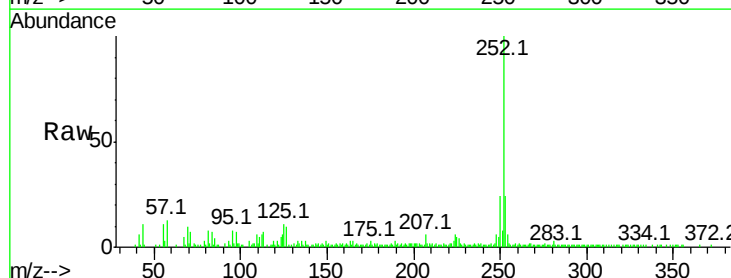
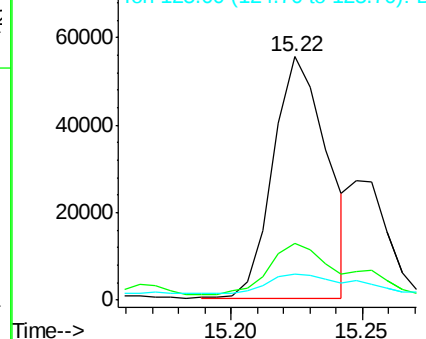
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	10.9	9.0	13.6

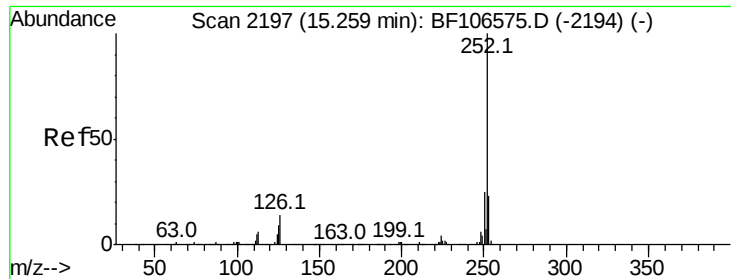
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.562 ng/mL

RT: 15.25 min Scan# 2195

Delta R.T. -0.05 min

Lab File: BF107219.D

Acq: 7 Jul 2018 20:51

Instrument :

BNA_F

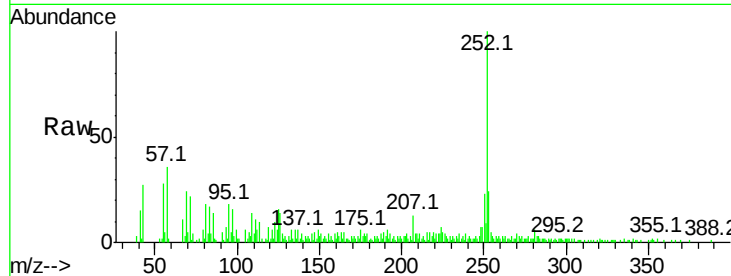
ClientSampleId :

SURCHARGE-SP-18

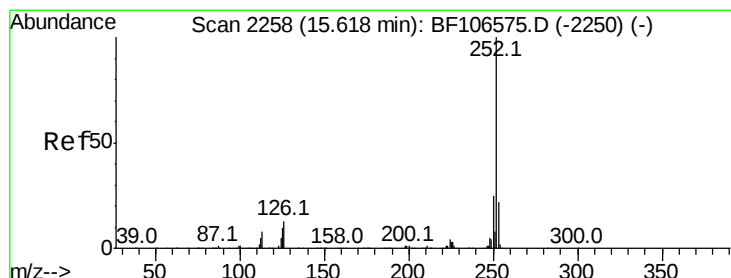
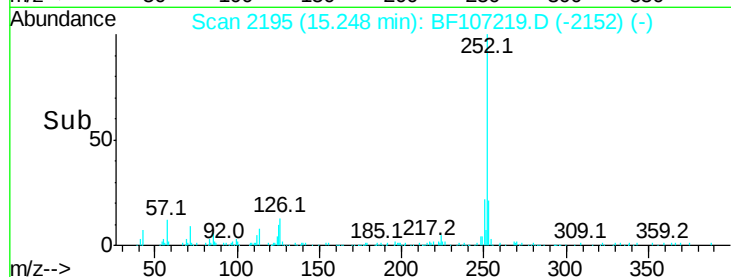
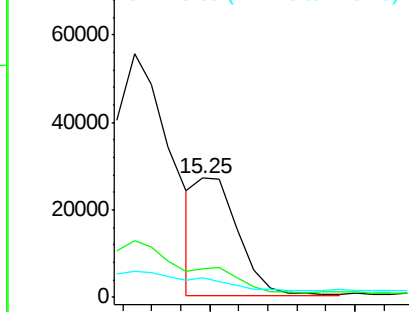
Tot Ion:	252	Resp:	27331
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	16.0	10.2	15.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 9.481 ng/mL

RT: 15.62 min Scan# 2258

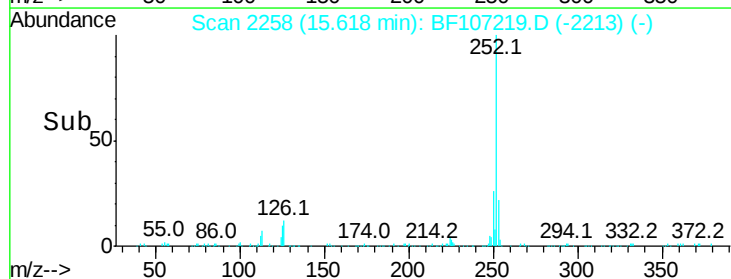
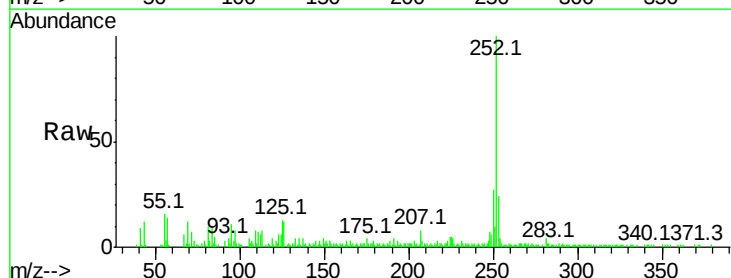
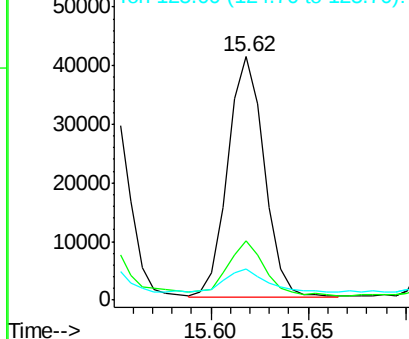
Delta R.T. -0.04 min

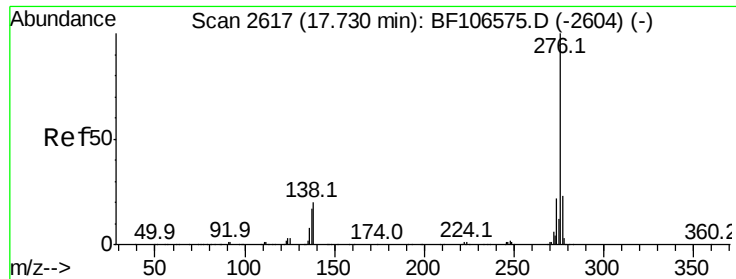
Lab File: BF107219.D

Acq: 7 Jul 2018 20:51

Tgt Ion:	252	Resp:	53022
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	12.7	9.8	14.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 7.167 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. -0.02 min
 Lab File: BF107219.D
 Acq: 7 Jul 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-18

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	18.8	21.8	32.8#

Manual Integrations
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