

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107243.D
 Acq On : 9 Jul 2018 21:41
 Operator : JU/SJ
 Sample : J3879-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10

Manual Integrations
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 7/10/2018 2:46:58 PM

Quant Time: Jul 10 04:56:25 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	29710	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	98021	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	46868	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	102183	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	69928	20.00	ng	-0.02
86) Perylene-d12	15.69	264	53279	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	196299	111.88	ng	0.00
7) Phenol-d6	6.60	99	226927	103.57	ng	-0.02
23) Nitrobenzene-d5	7.51	82	126316	71.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	64660	119.03	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	238628	86.43	ng	-0.02
78) Terphenyl-d14	13.07	244	326374	113.06	ng	-0.01
Target Compounds						
48) Acenaphthylene	9.85	152	9304	2.004	ng	99
49) Dimethylphthalate	9.70	163	48433	13.778	ng	98
70) Phenanthrene	11.51	178	65187	13.227	ng	96
71) Anthracene	11.57	178	22722	4.517	ng	98
74) Fluoranthene	12.71	202	145809	26.842	ng	95
77) Pyrene	12.95	202	138017	29.930	ng	99
80) Benzo(a)anthracene	14.14	228	62988	14.779	ng	98
82) Chrysene	14.18	228	57145	14.574	ng	97
85) Indeno(1,2,3-cd)pyrene	17.29	276	27435	8.245	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	62562m	18.903	ng	
88) Benzo(k)fluoranthene	15.26	252	16242m	5.153	ng	
89) Benzo(a)pyrene	15.63	252	41645	14.154	ng	94
90) Dibenzo(a,h)anthracene	17.29	278	7865	3.154	ng	# 73
91) Benzo(g,h,i)perylene	17.79	276	27230	11.173	ng	# 88

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

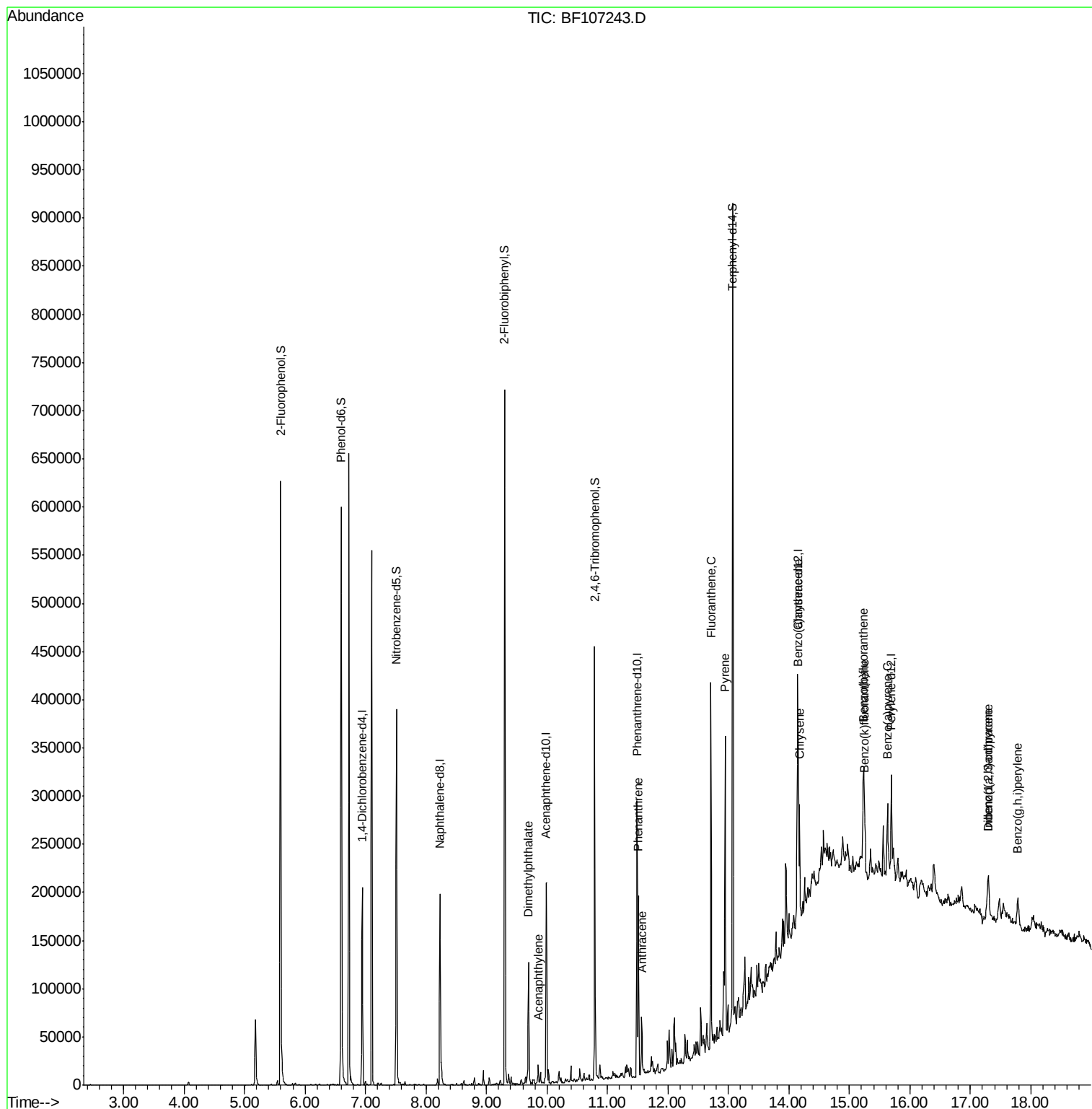
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
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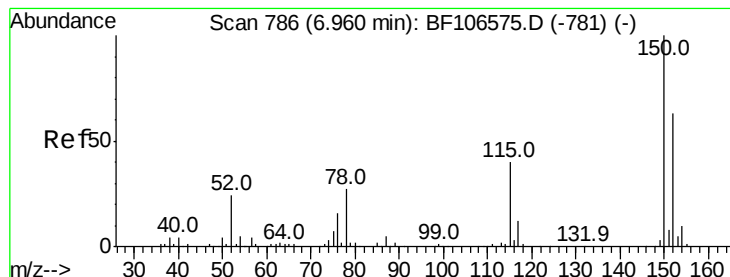
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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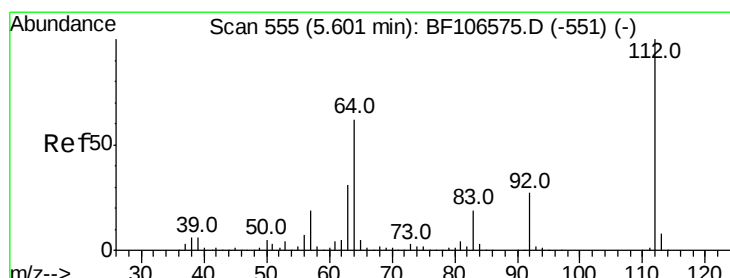
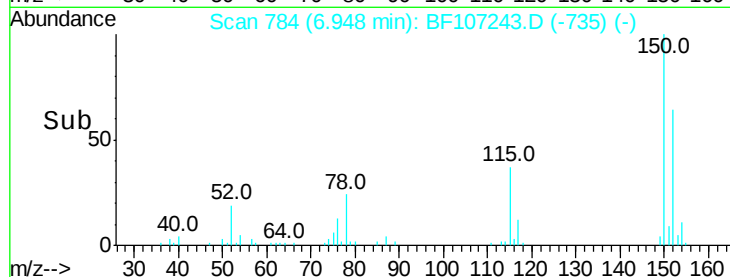
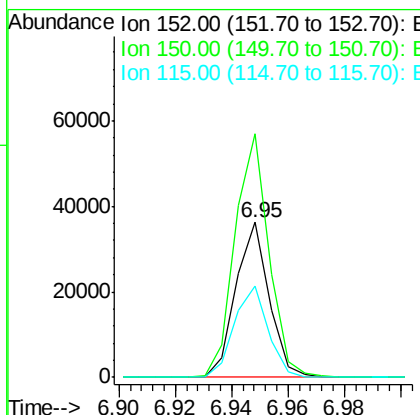
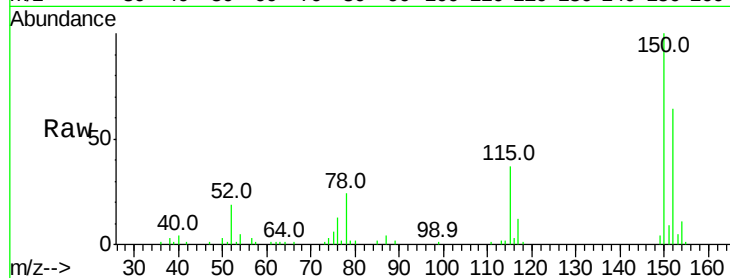
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10

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

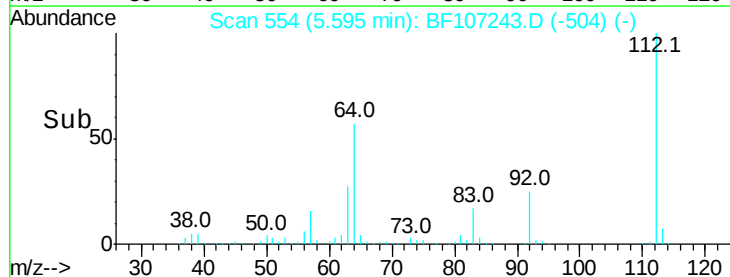
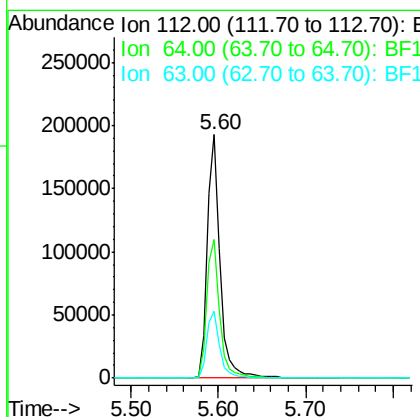
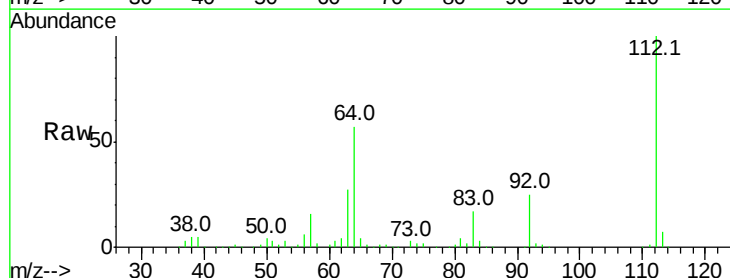
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#5
 2-Fluorophenol
 Concen: 111.880 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 103.568 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107243.D

Acq: 9 Jul 2018 21:41

Instrument :

BNA_F

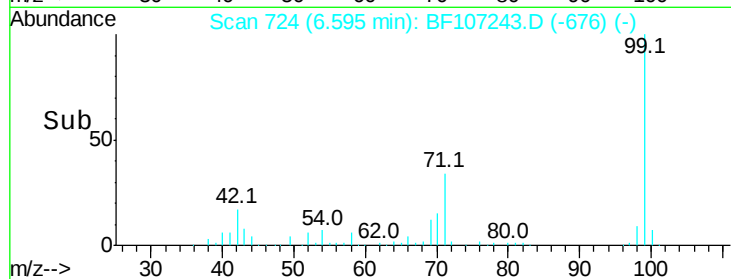
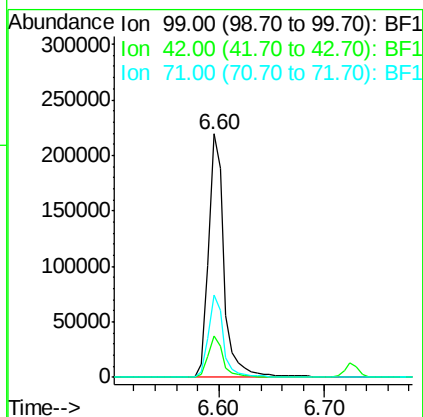
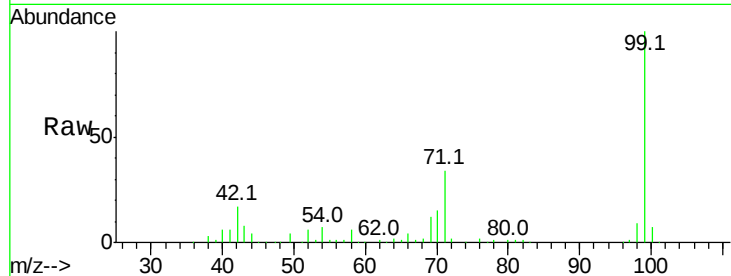
ClientSampleId :

SURCHARGE-SP-10

Tot Ion:	99	Resp:	226927
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.5	21.7
71	34.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

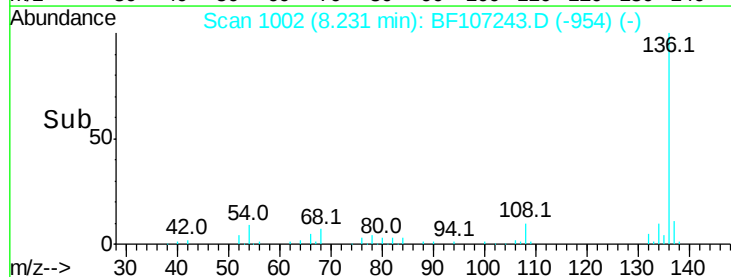
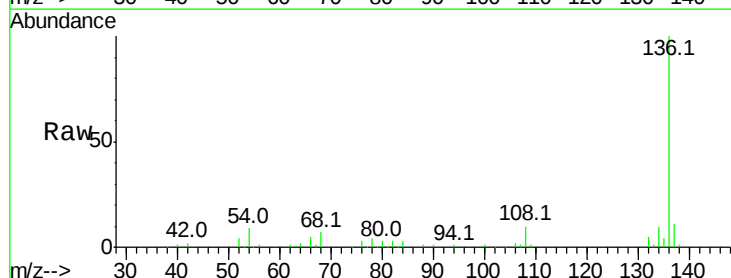
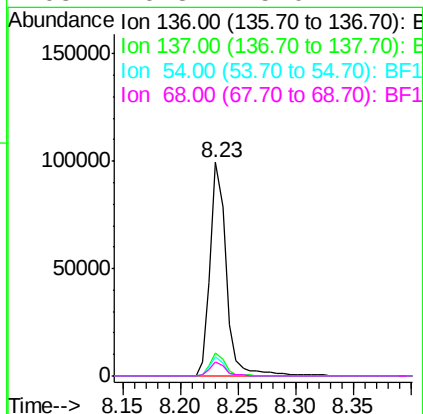
RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107243.D

Acq: 9 Jul 2018 21:41

Tgt Ion:	136	Resp:	98021
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.9	6.6	9.8
68	6.8	5.0	7.4





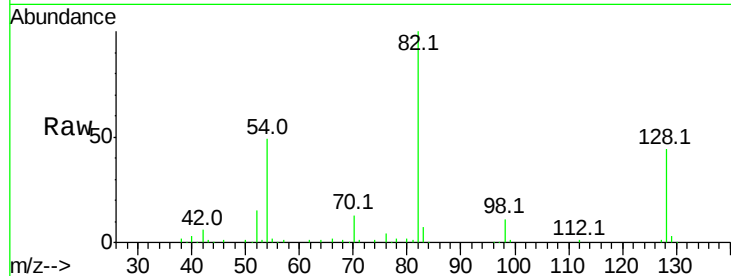
#23
Nitrobenzene-d5
Concen: 71.616 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

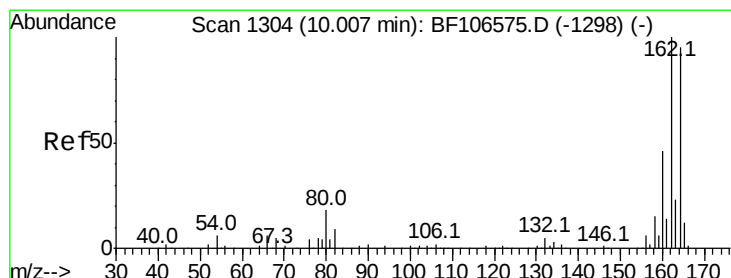
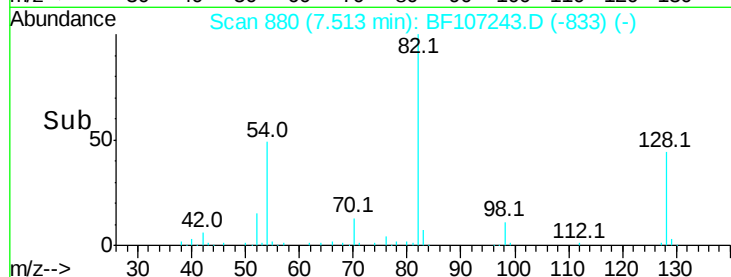
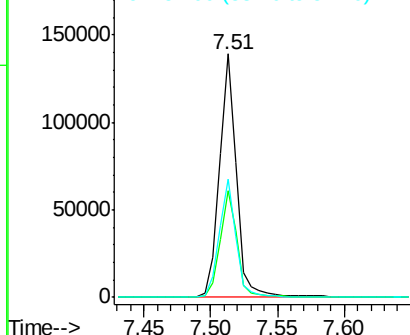
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.8	41.4	62.2

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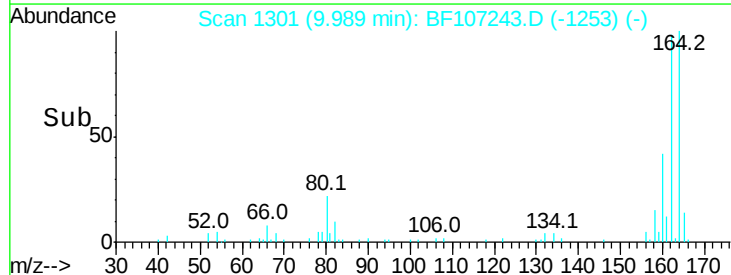
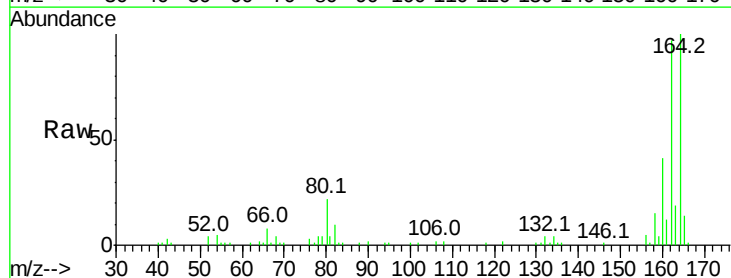
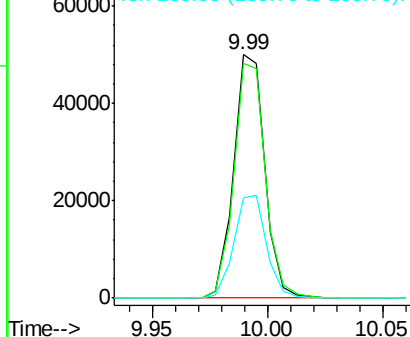
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.1	129.1
160	41.1	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





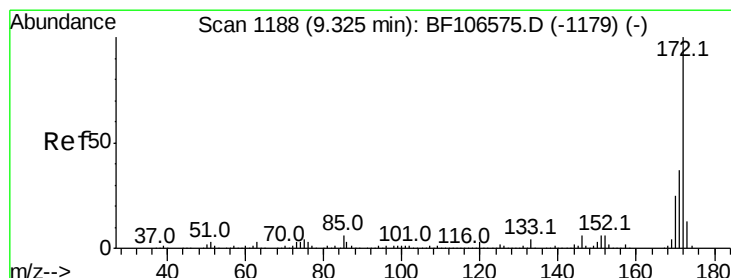
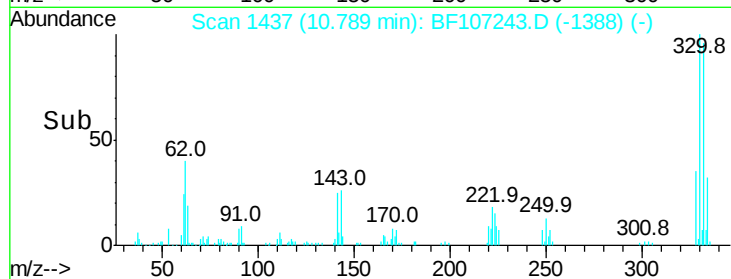
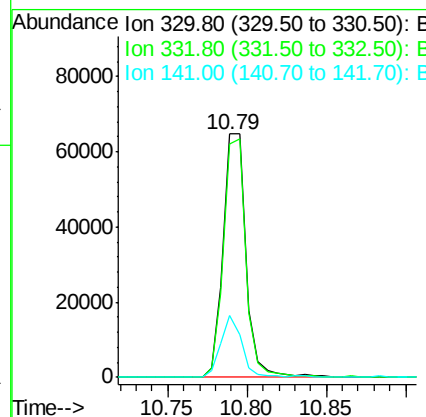
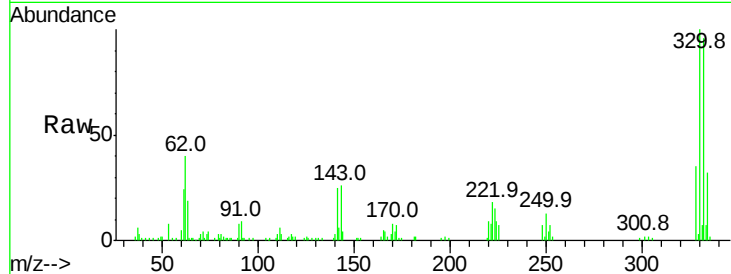
#41
 2,4,6-Tribromophenol
 Concen: 119.033 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.3	29.9	44.9#

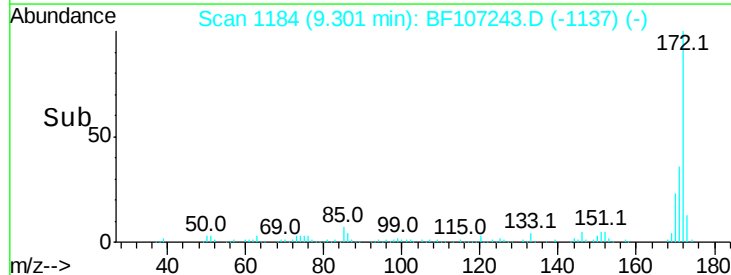
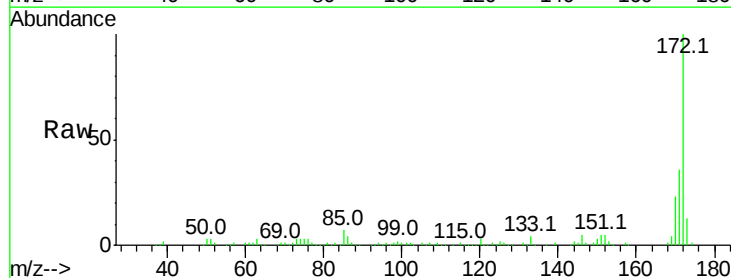
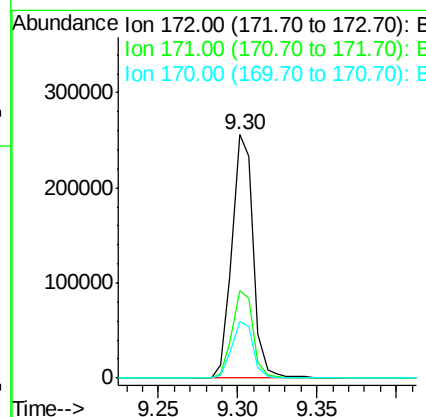
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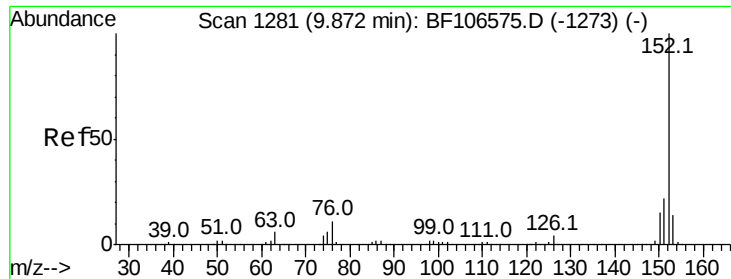
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#44
 2-Fluorobiphenyl
 Concen: 86.428 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4





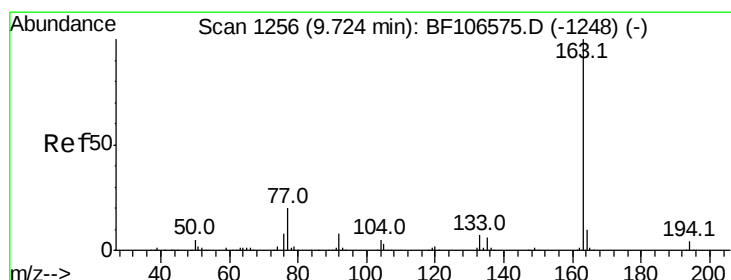
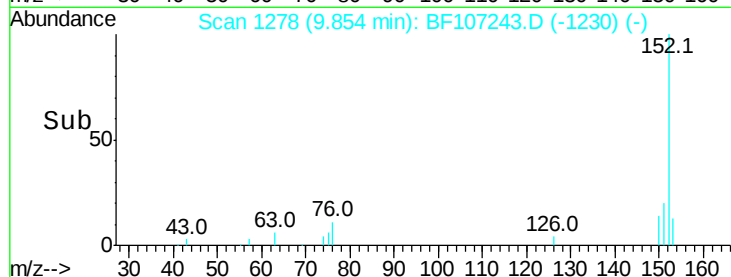
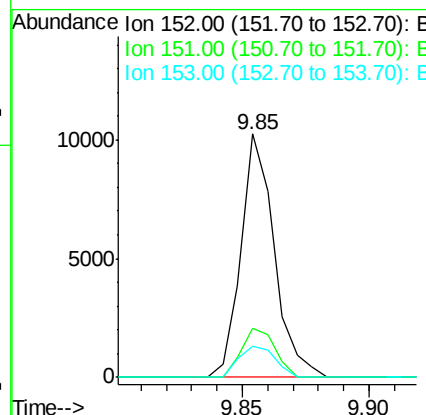
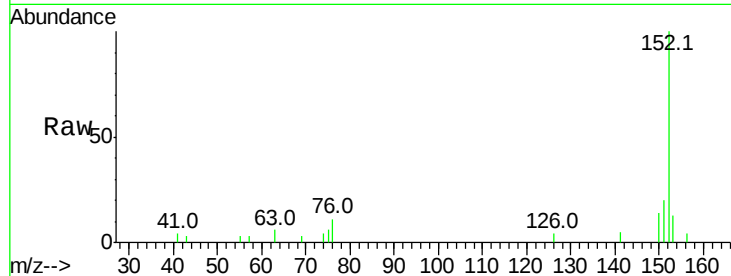
#48
Acenaphthylene
Concen: 2.004 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

Tot Ion:	152	Resp:	9304
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.3	24.5
153	12.9	10.7	16.1

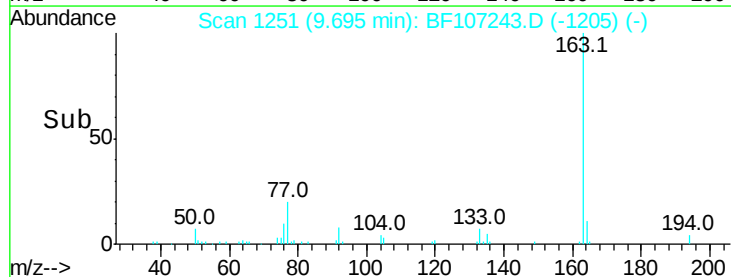
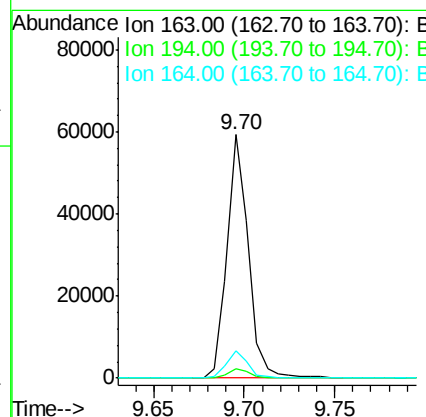
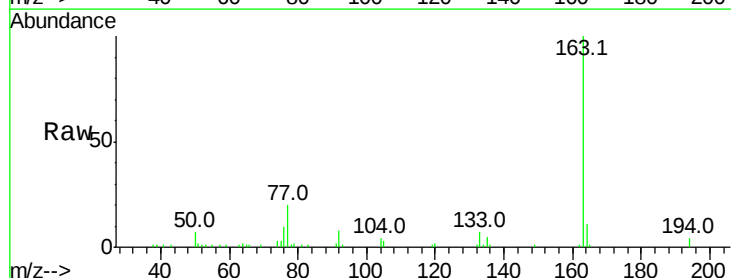
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#49
Dimethylphthalate
Concen: 13.778 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Tgt Ion:	163	Resp:	48433
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	11.1	8.2	12.2





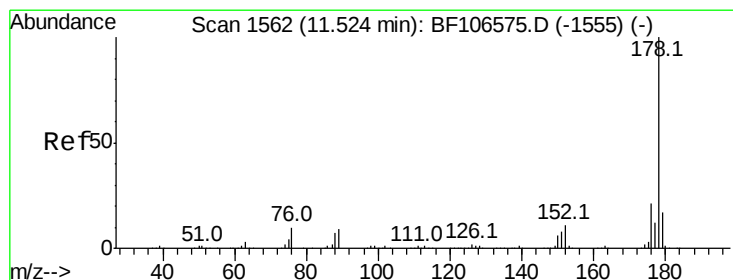
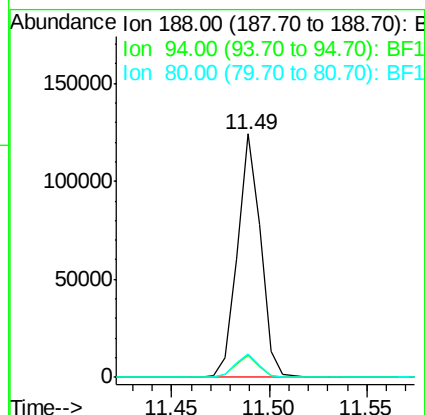
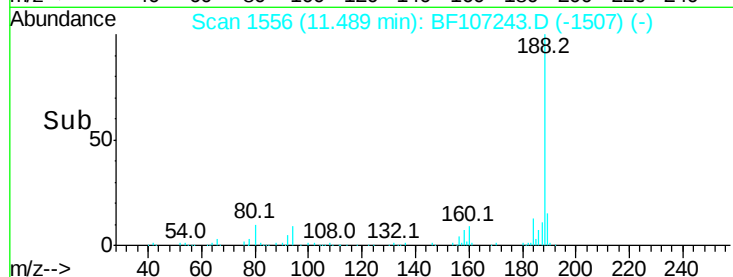
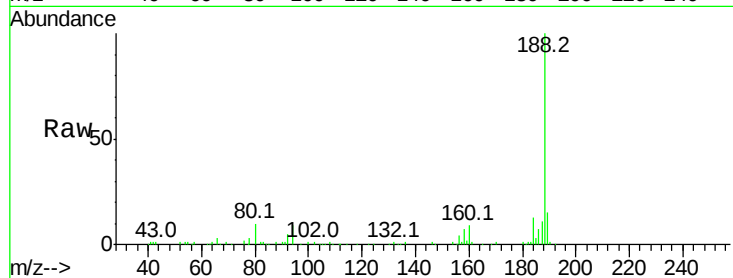
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8

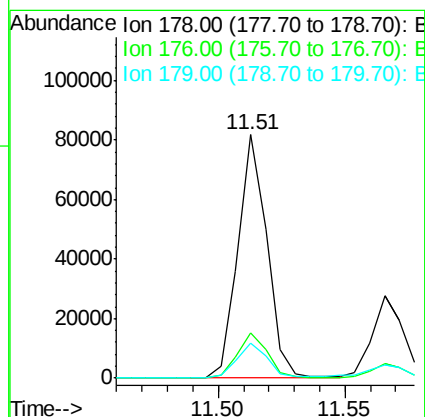
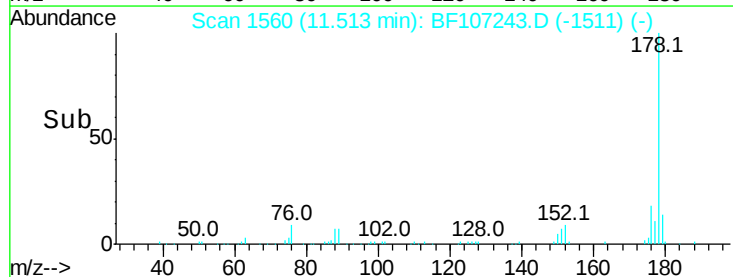
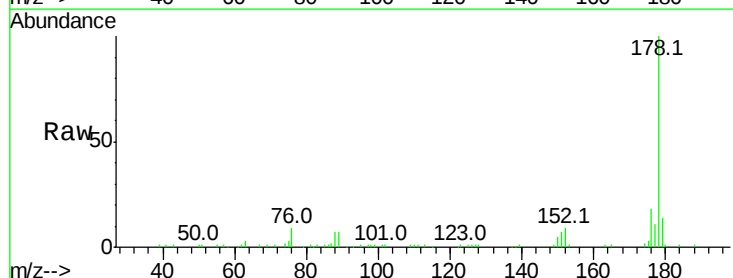
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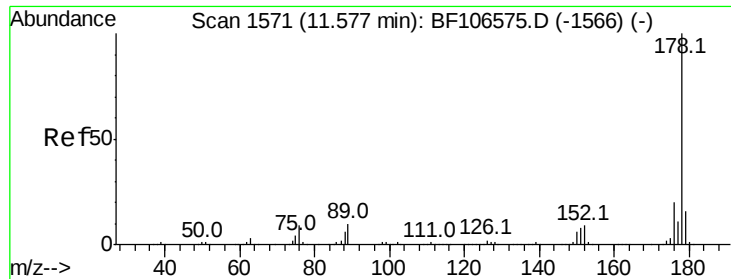
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#70
Phenanthrene
Concen: 13.227 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.5	13.0	19.6





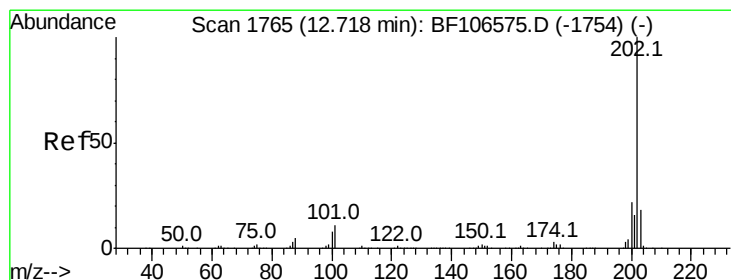
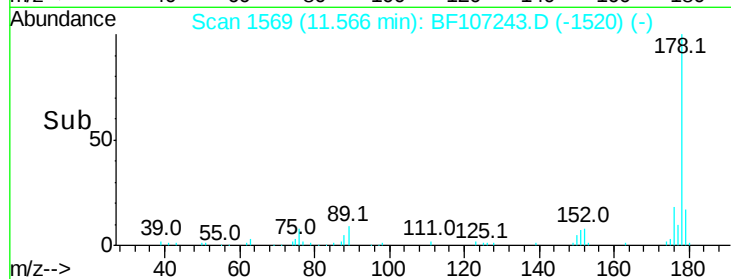
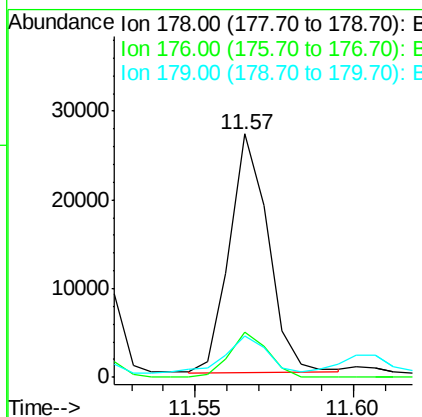
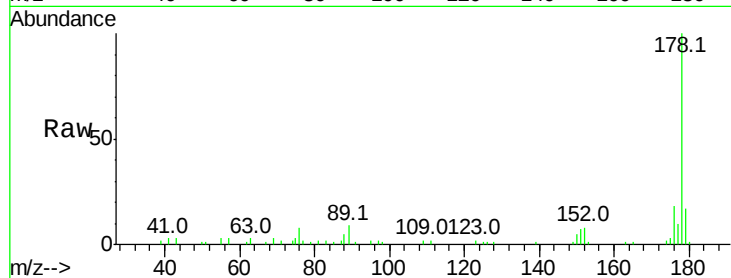
#71
 Anthracene
 Concen: 4.517 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.8	12.6	19.0

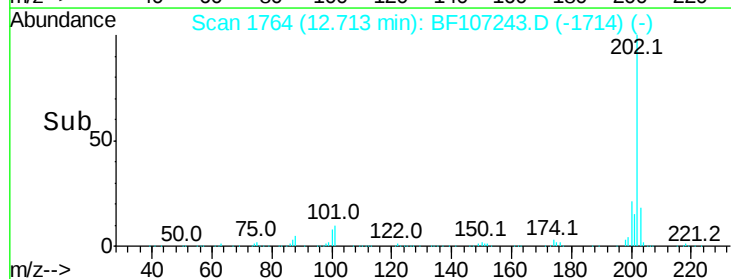
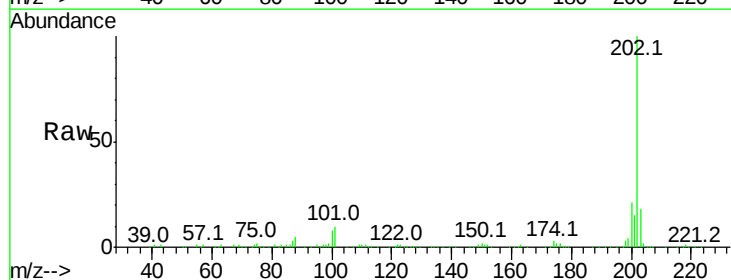
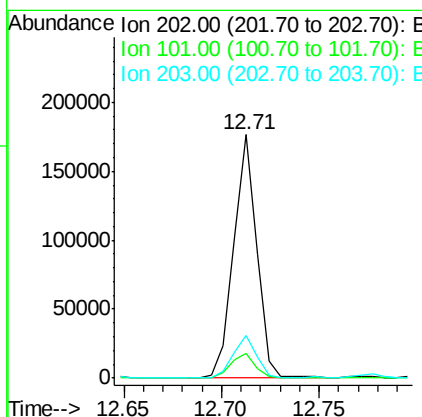
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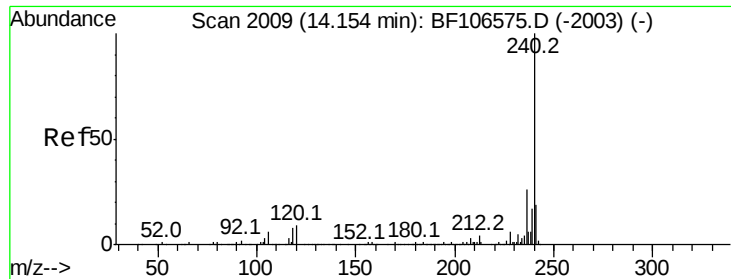
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#74
 Fluoranthene
 Concen: 26.842 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107243.D

Acq: 9 Jul 2018 21:41

Instrument :

BNA_F

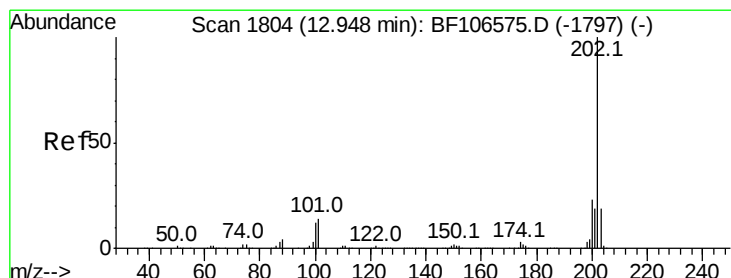
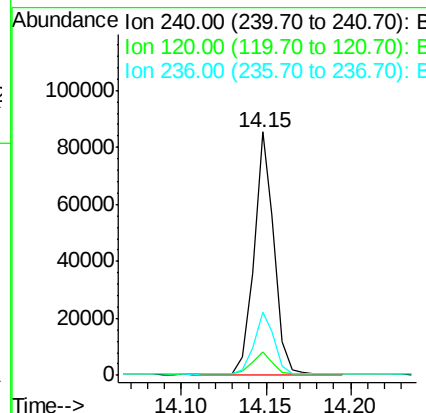
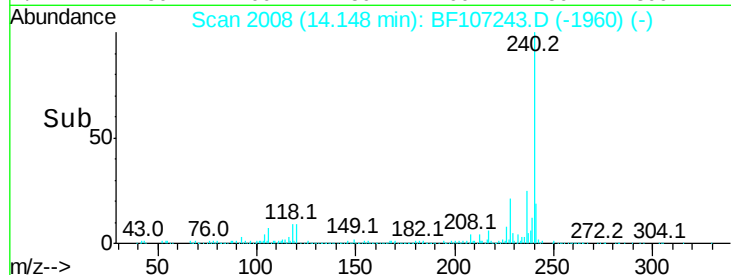
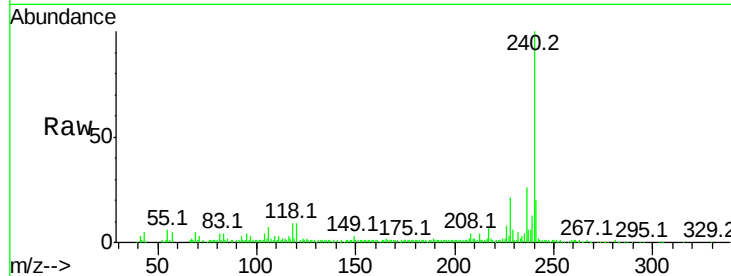
ClientSampleId :

SURCHARGE-SP-10

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 29.930 ng

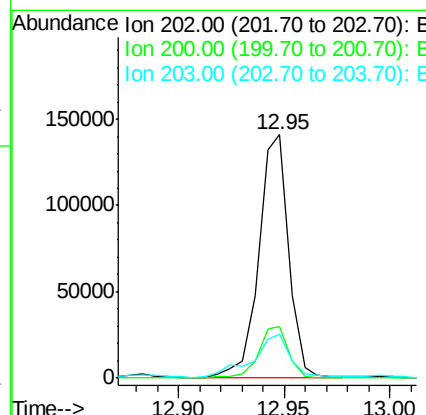
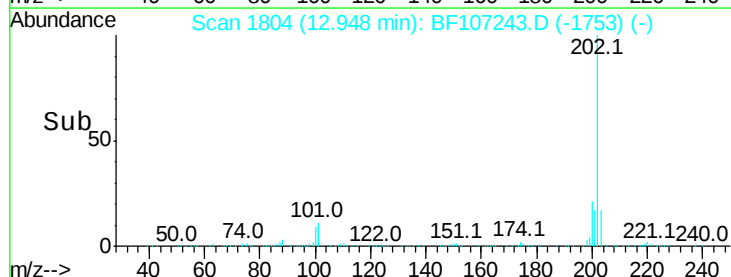
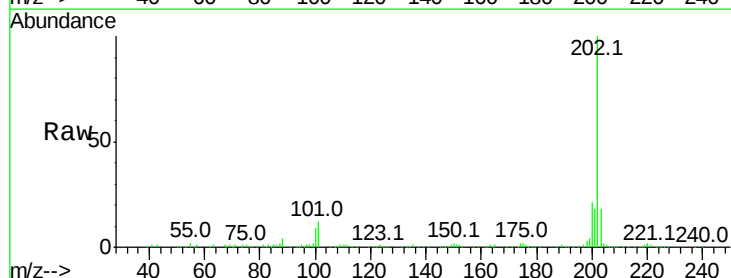
RT: 12.95 min Scan# 1804

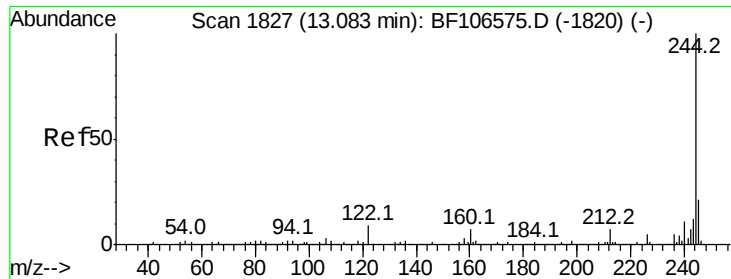
Delta R.T. 0.00 min

Lab File: BF107243.D

Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.1	14.3	21.5





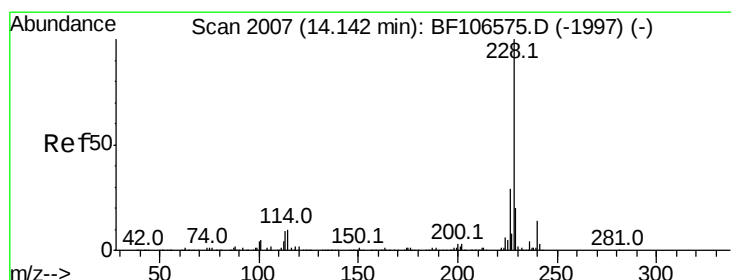
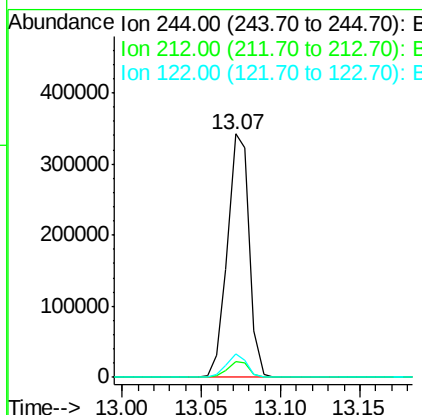
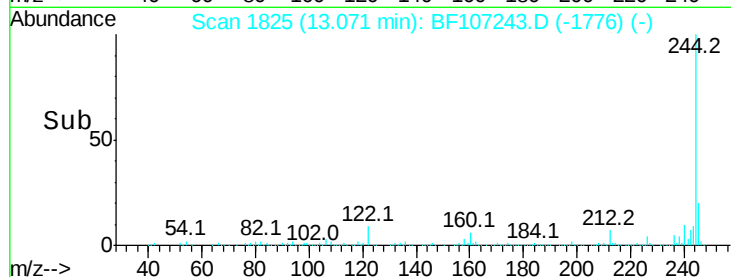
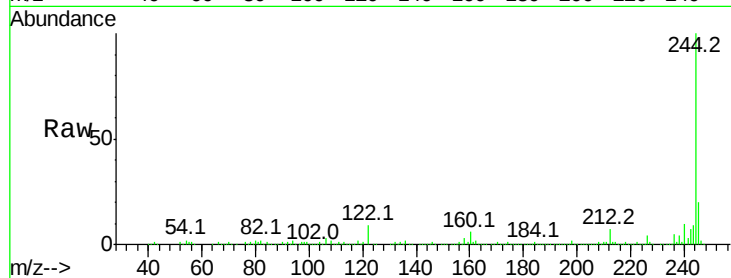
#78
 Terphenyl-d14
 Concen: 113.056 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4

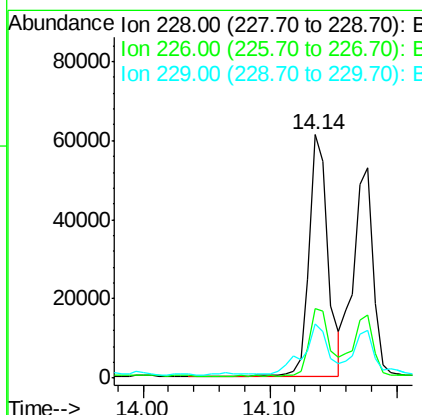
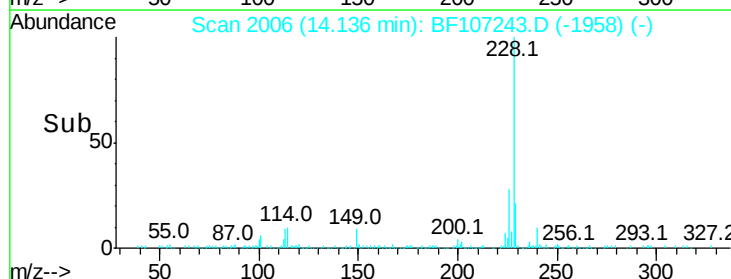
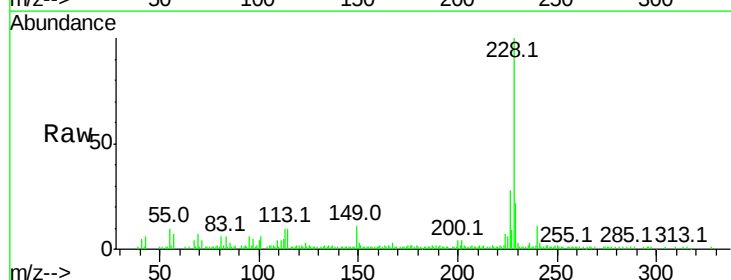
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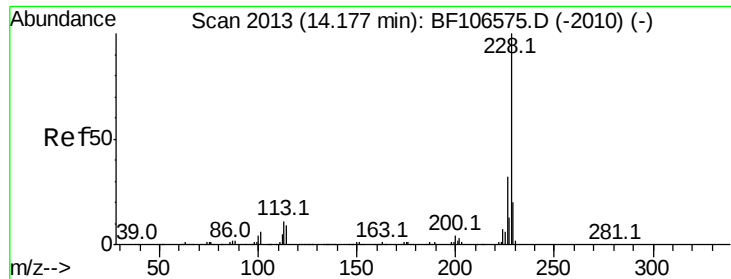
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#80
 Benzo(a)anthracene
 Concen: 14.779 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF107243.D
 Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	22.0	15.8	23.6





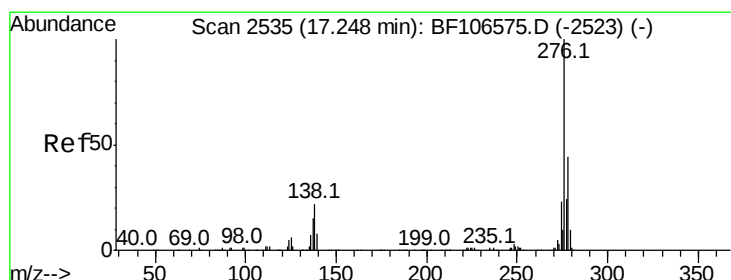
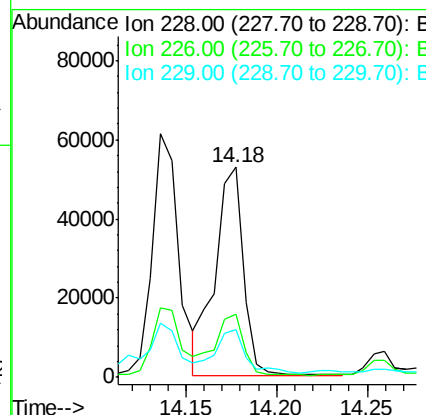
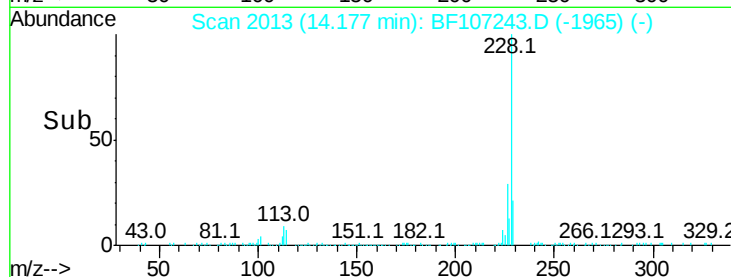
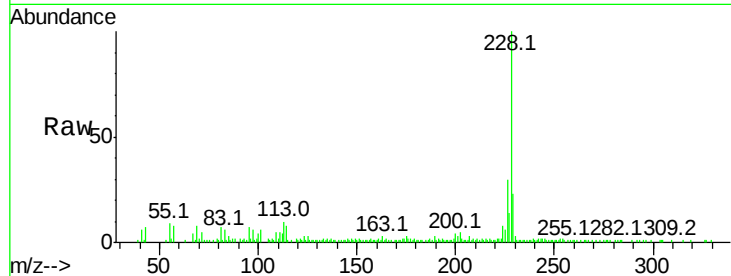
#82
Chrysene
Concen: 14.574 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

Tot Ion:	228	Resp:	57145
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	22.6	16.2	24.4

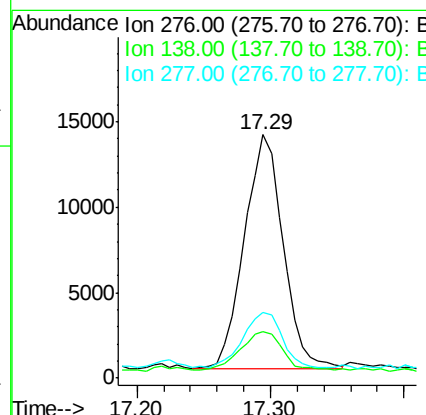
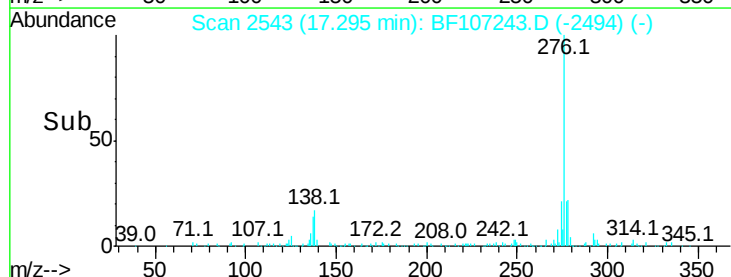
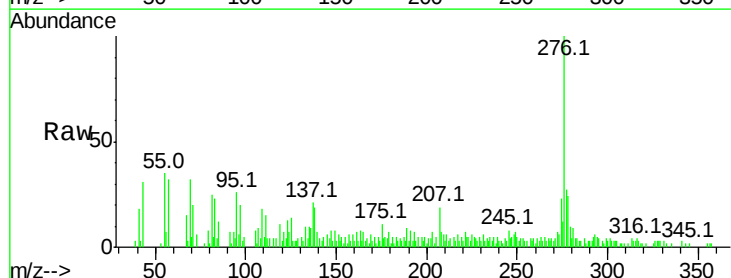
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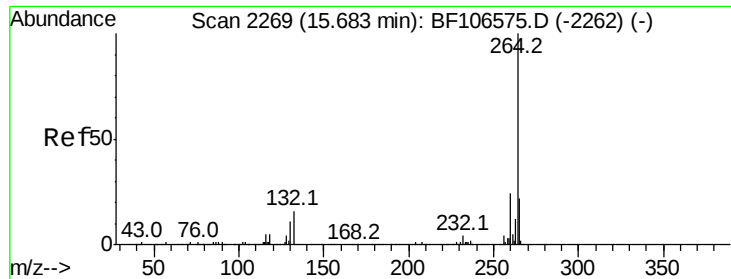
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#85
Indeno(1,2,3-cd)pyrene
Concen: 8.245 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Tgt Ion:	276	Resp:	27435
Ion Ratio	Lower	Upper	
276	100		
138	17.8	25.0	37.6#
277	24.9	20.1	30.1





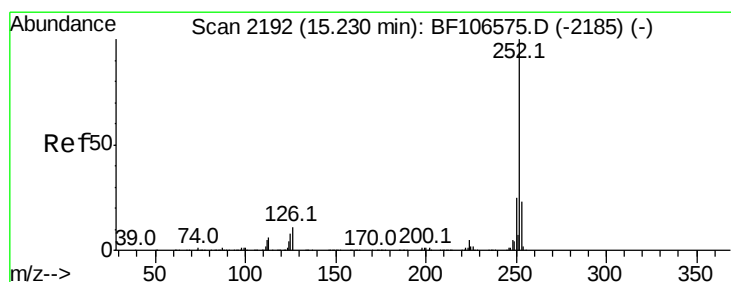
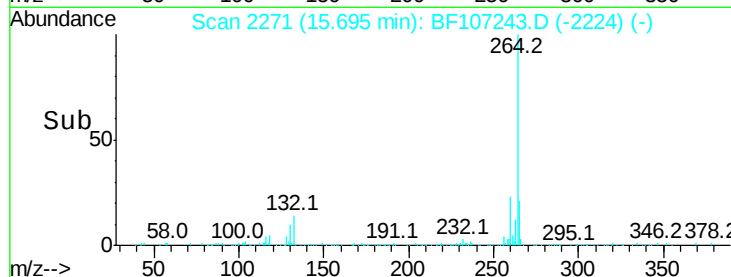
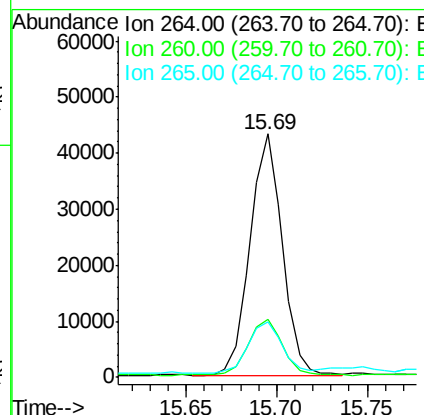
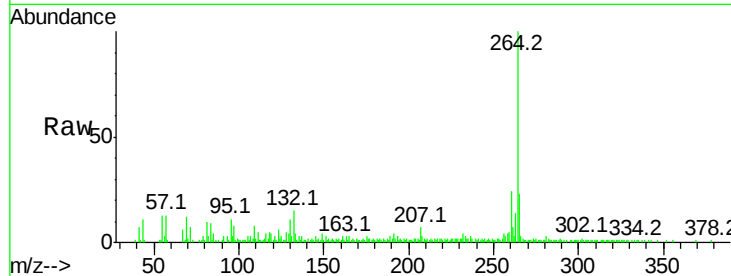
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	17.5	26.3

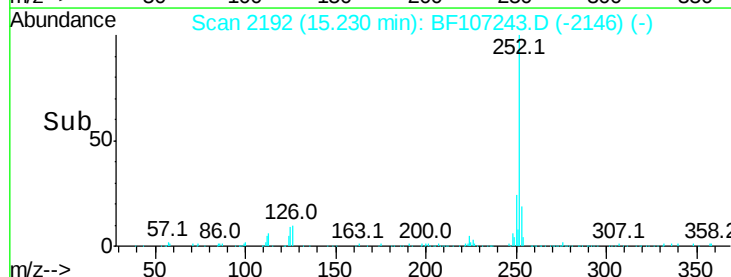
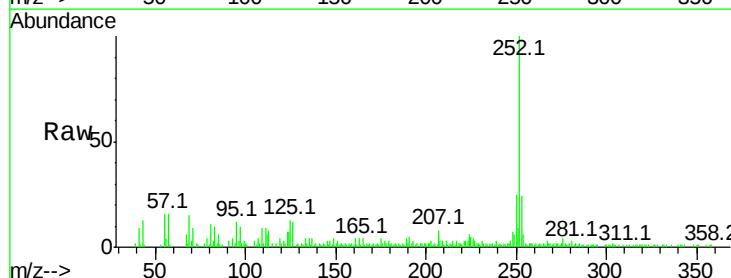
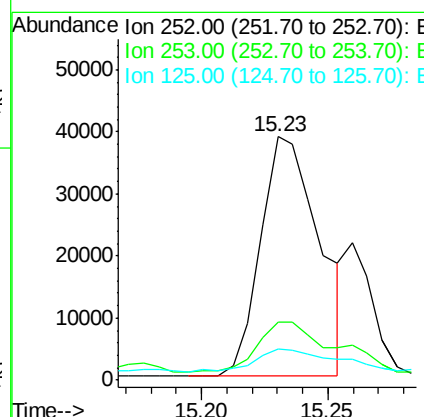
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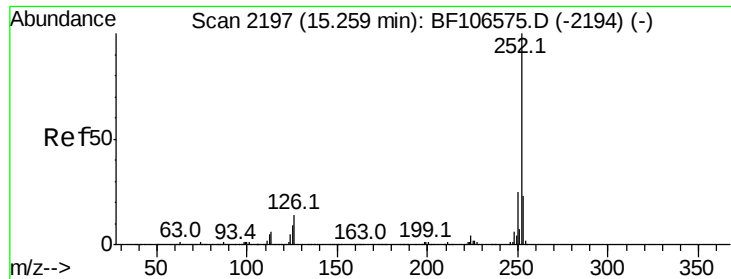
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#87
Benzo(b)fluoranthene
Concen: 18.903 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	12.7	9.0	13.6





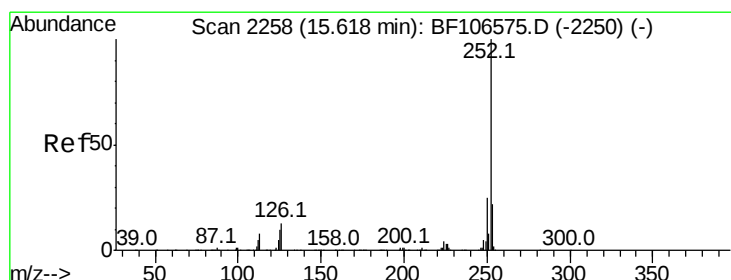
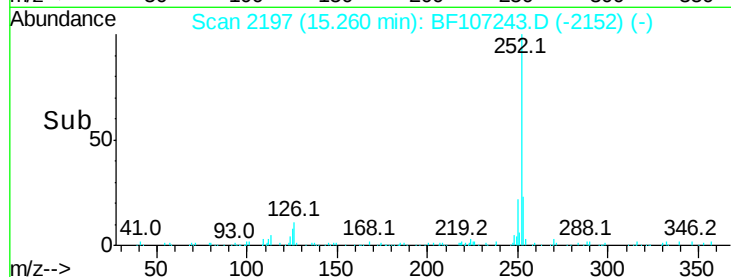
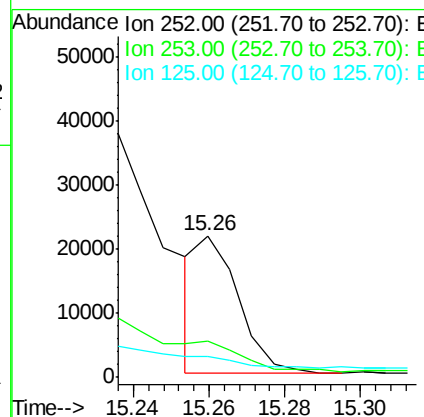
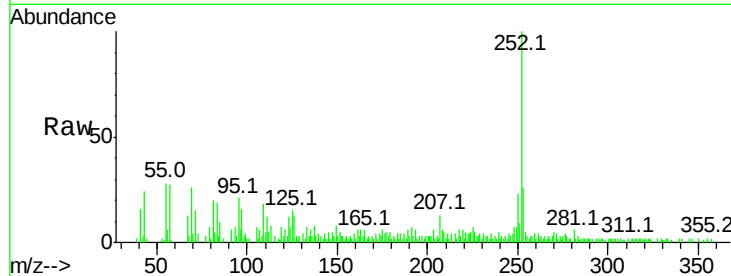
#88
Benzo(k)fluoranthene
Concen: 5.153 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	14.9	10.2	15.2

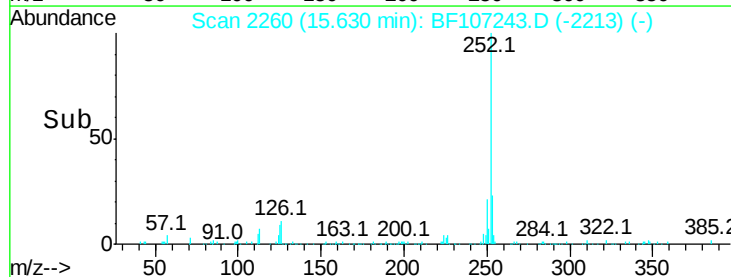
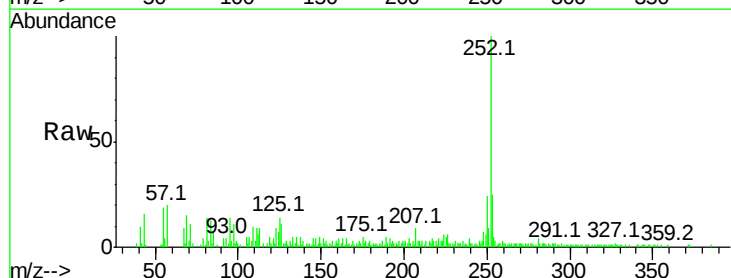
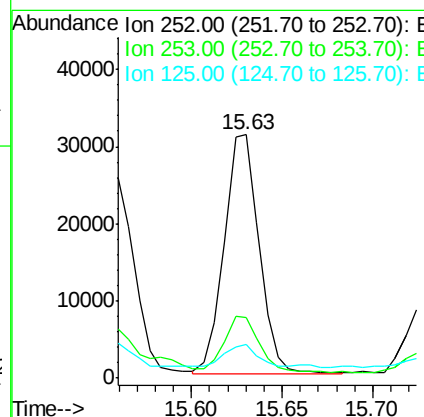
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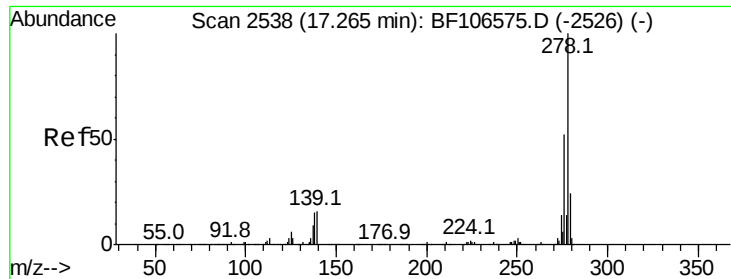
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#89
Benzo(a)pyrene
Concen: 14.154 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	13.7	9.8	14.6





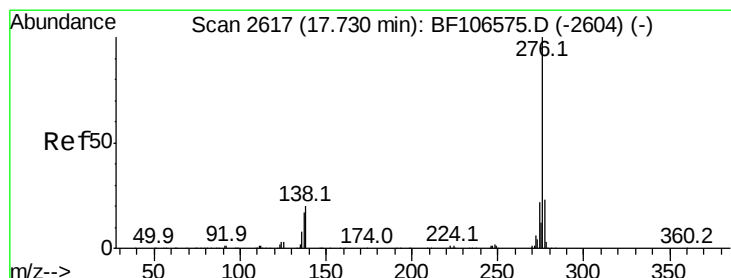
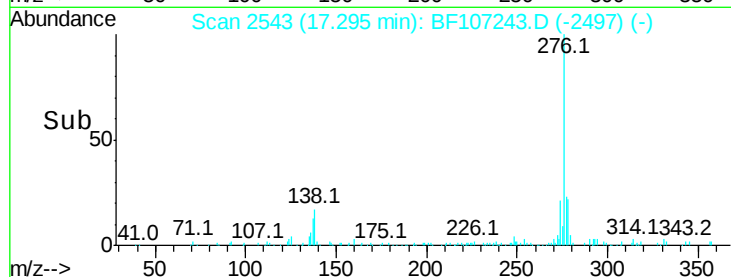
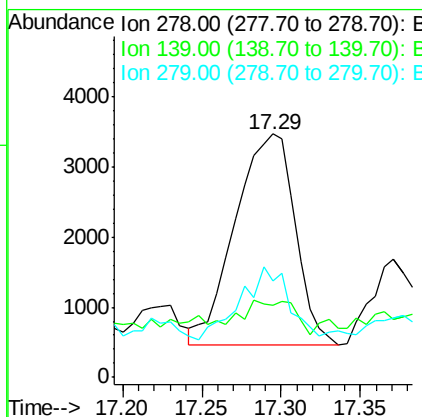
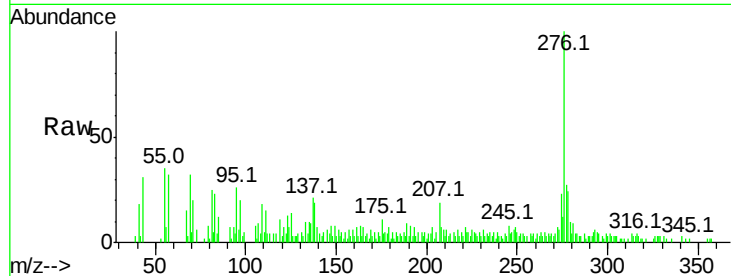
#90
Dibenzo(a,h)anthracene
Concen: 3.154 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.6	15.9	23.9#
279	39.7	19.0	28.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 11.173 ng
RT: 17.79 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BF107243.D
Acq: 9 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.7	17.9	26.9#
138	22.4	21.8	32.8

