

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107231.D
 Acq On : 9 Jul 2018 16:21
 Operator : JU/SJ
 Sample : J3879-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3RE

Manual Integrations
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 7/10/2018 2:46:26 PM

Quant Time: Jul 09 17:58:36 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	44867	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	158527	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	69978	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	132974	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	119268	20.00	ng	-0.02
86) Perylene-d12	15.70	264	79344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	259179	97.82	ng	-0.01
7) Phenol-d6	6.60	99	319200	96.47	ng	-0.01
23) Nitrobenzene-d5	7.51	82	194101	68.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	84255	103.88	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	344324	82.92	ng	-0.02
78) Terphenyl-d14	13.07	244	391703	79.55	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	107594	20.500	ng	98
70) Phenanthrene	11.51	178	92102	14.360	ng	98
71) Anthracene	11.57	178	29878	4.564	ng	99
74) Fluoranthene	12.71	202	188876	26.719	ng	94
77) Pyrene	12.95	202	188401	23.955	ng	97
80) Benzo(a)anthracene	14.14	228	104053	14.315	ng	99
82) Chrysene	14.18	228	100419	15.016	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	14541	3.517	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.30	276	37862	6.672	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	96320m	19.542	ng	
88) Benzo(k)fluoranthene	15.27	252	38510m	8.205	ng	
89) Benzo(a)pyrene	15.64	252	62777	14.327	ng	96
90) Dibenzo(a,h)anthracene	17.30	278	11144	3.001	ng	# 79
91) Benzo(a,h,i)perylene	17.79	276	37823	10.421	ng	# 89

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

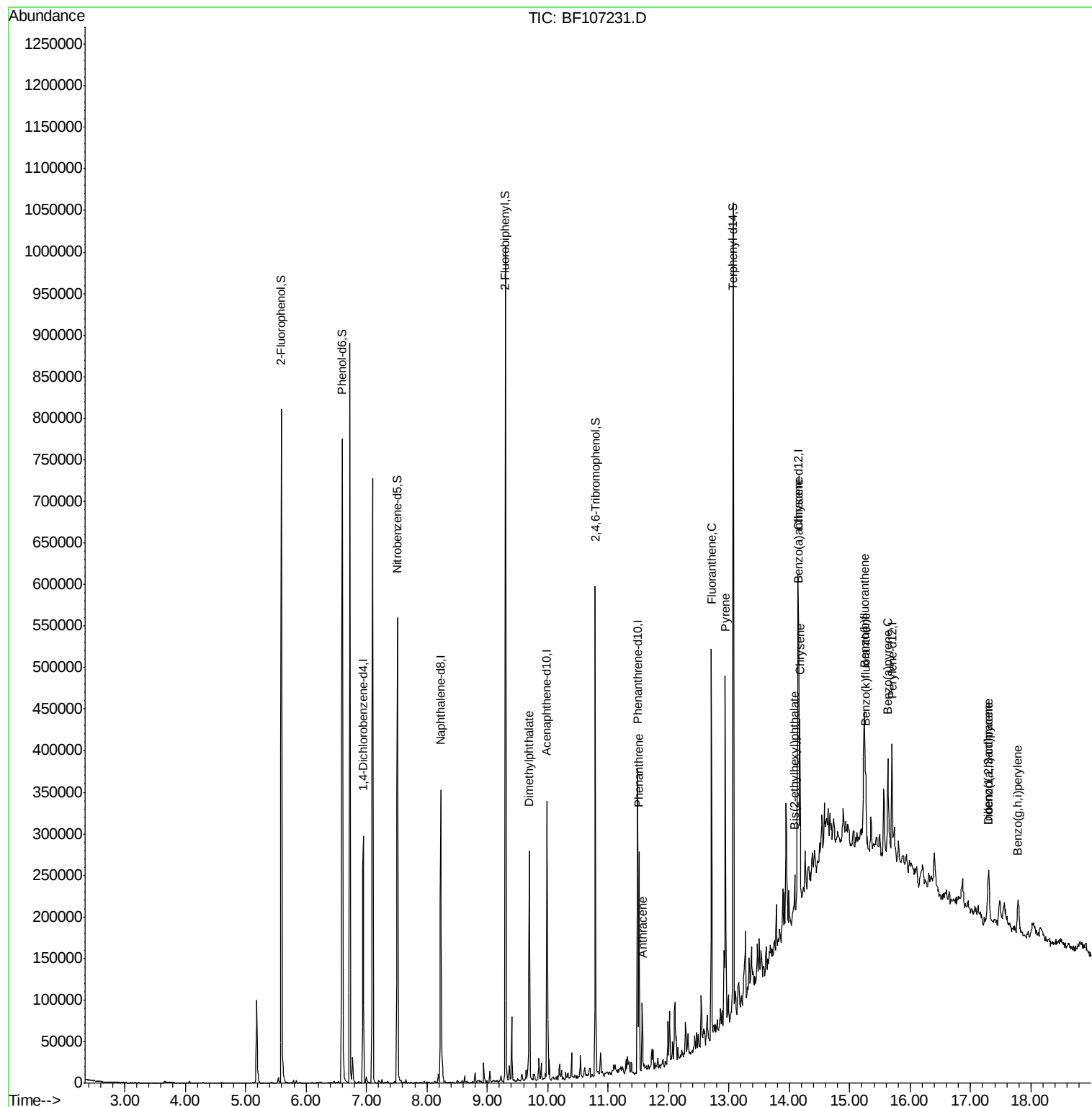
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107231.D
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ALS Vial : 12 Sample Multiplier: 1

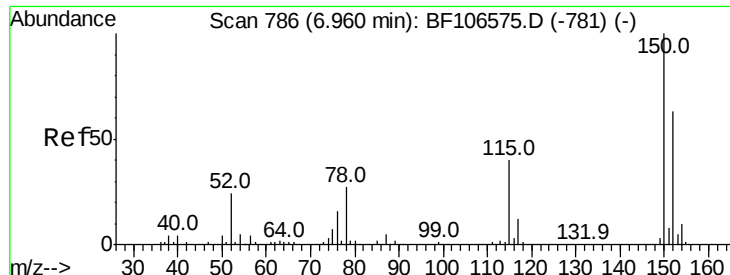
Instrument :
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#1

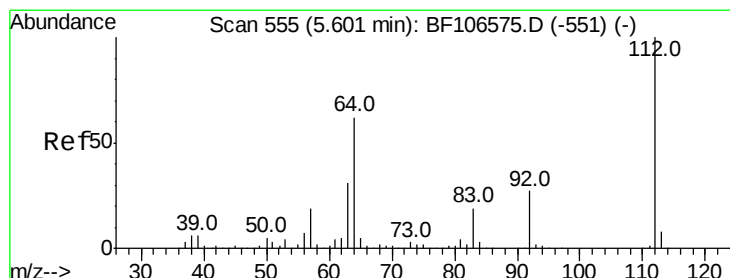
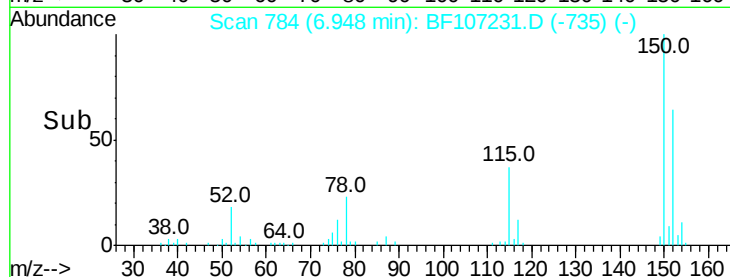
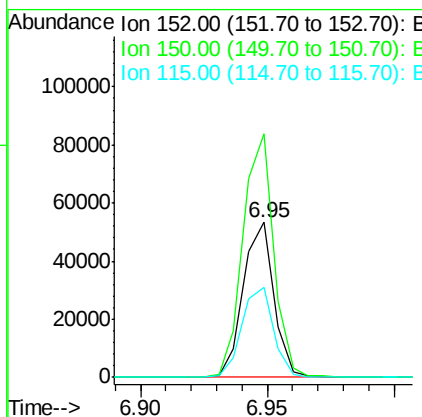
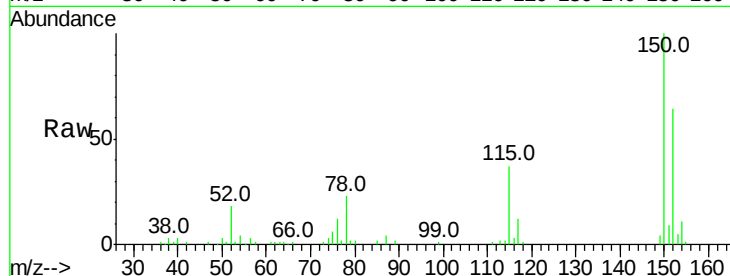
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	57.9	50.1	75.1

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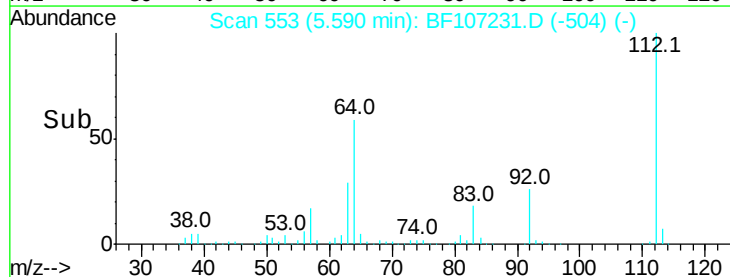
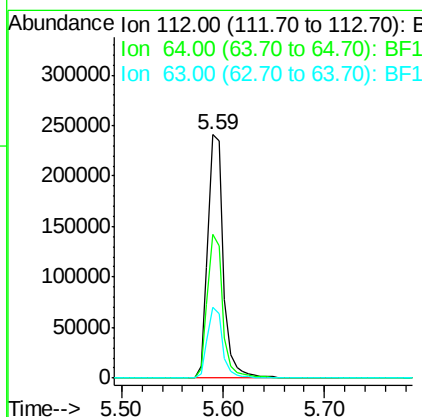
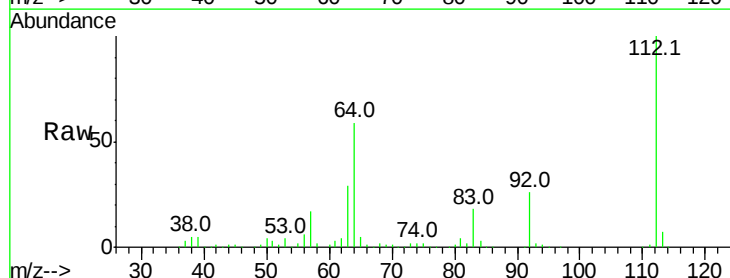
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#5

2-Fluorophenol
Concen: 97.816 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 96.467 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107231.D

Acq: 9 Jul 2018 16:21

Instrument :

BNA_F

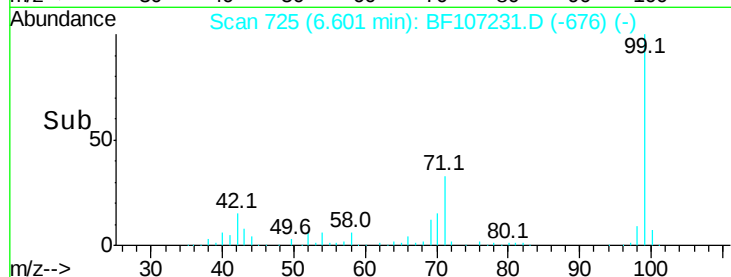
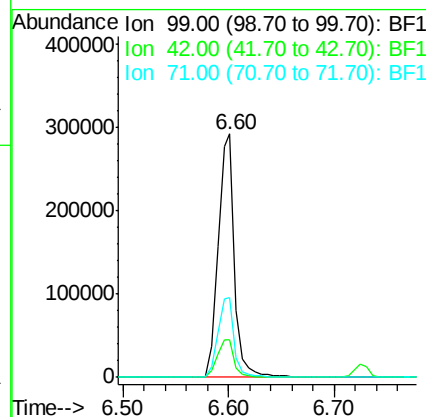
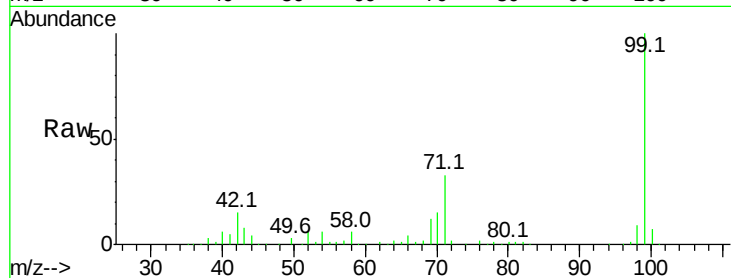
ClientSampleId :

SURCHARGE-SP-3RE

Tot Ion:	99	Resp:	319200
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	32.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

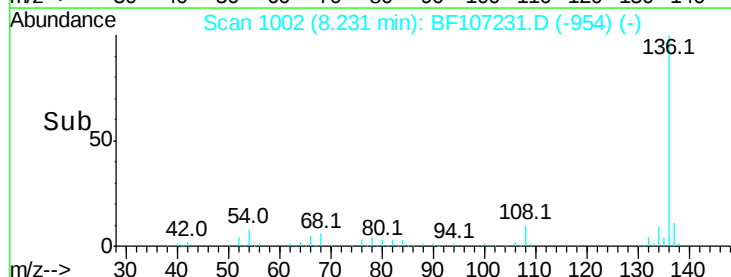
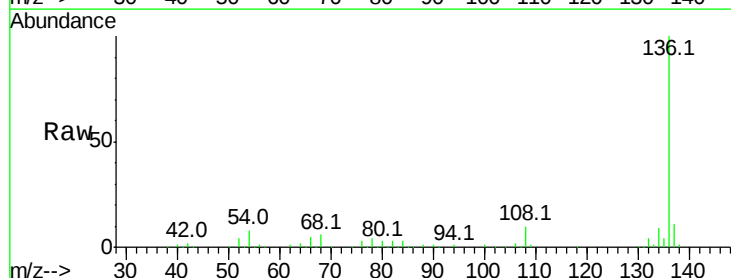
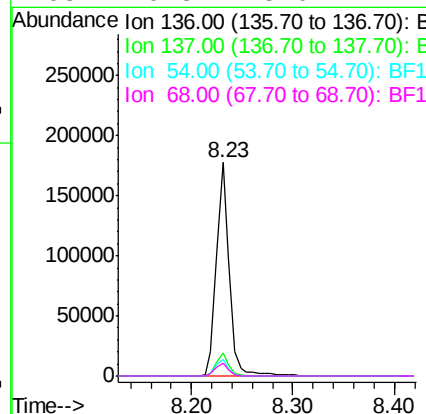
RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107231.D

Acq: 9 Jul 2018 16:21

Tgt Ion:	136	Resp:	158527
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.3	5.0	7.4





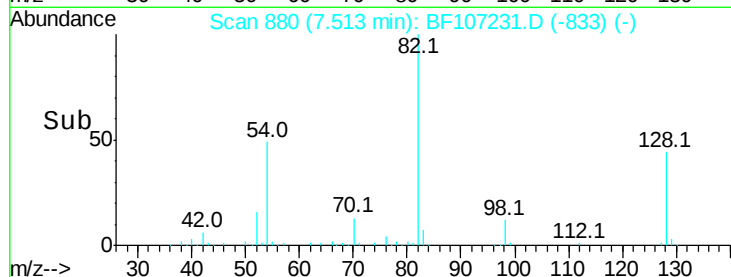
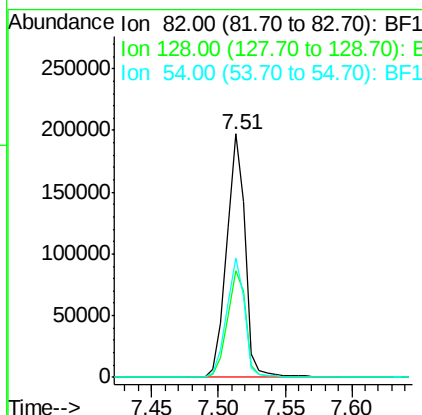
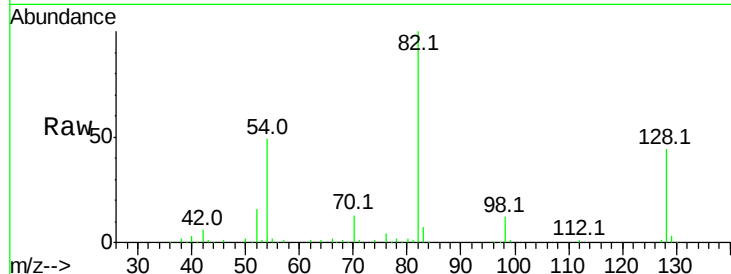
#23
 Nitrobenzene-d5
 Concen: 68.044 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107231.D
 Acq: 9 Jul 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	49.0	41.4	62.2

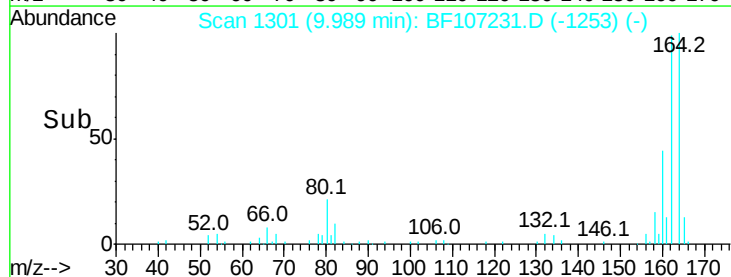
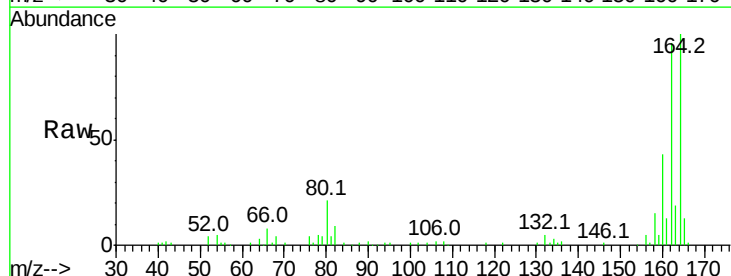
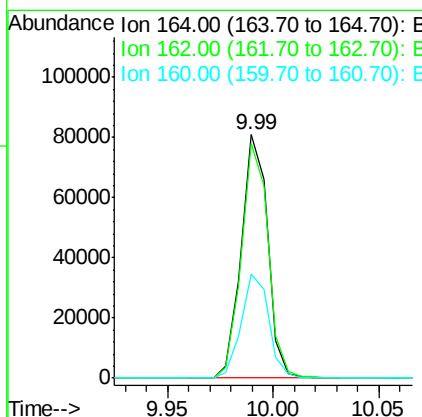
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107231.D
 Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.1	129.1
160	42.7	38.3	57.5





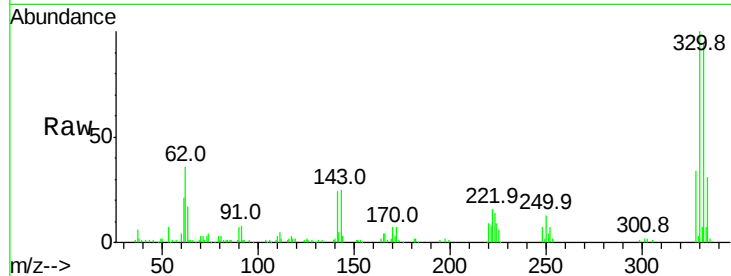
#41
 2,4,6-Tribromophenol
 Concen: 103.882 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107231.D
 Acq: 9 Jul 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3RE

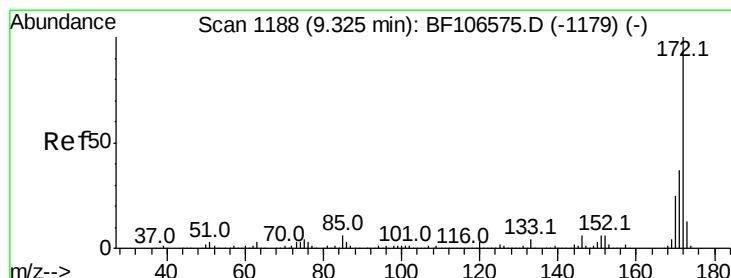
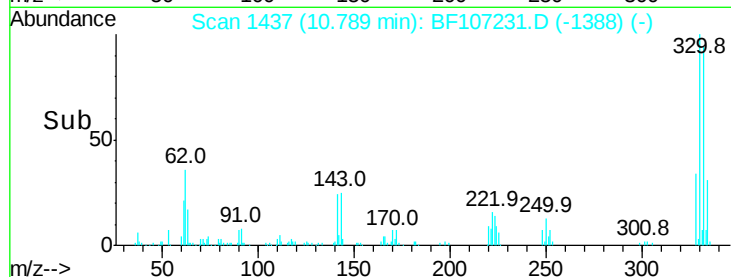
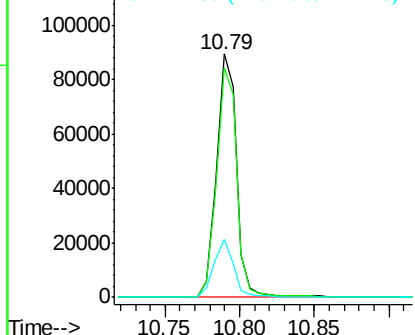
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	23.7	29.9	44.9#

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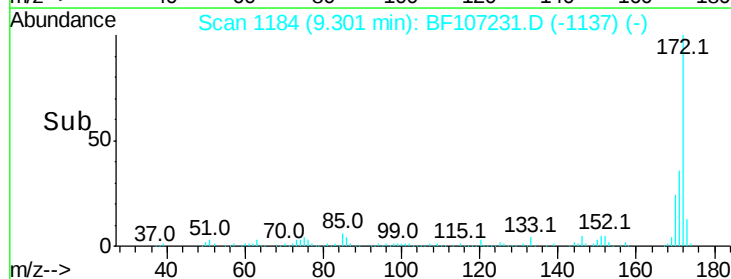
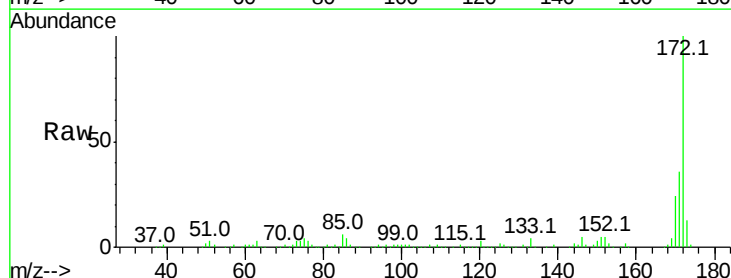
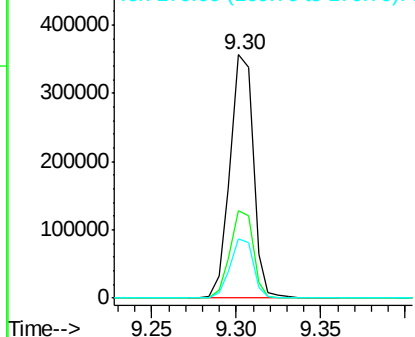
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

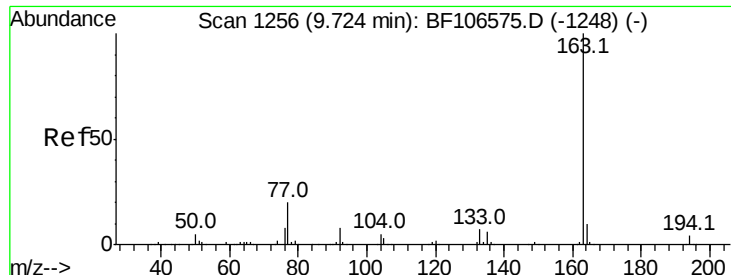


#44
 2-Fluorobiphenyl
 Concen: 82.925 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107231.D
 Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	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





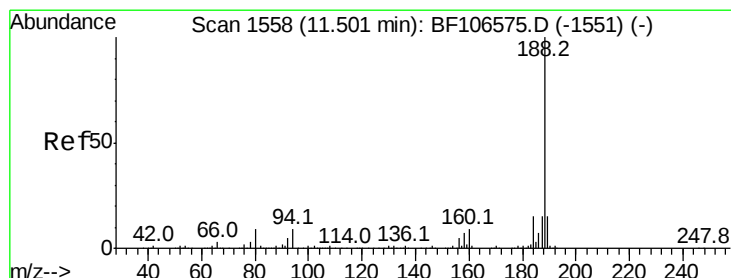
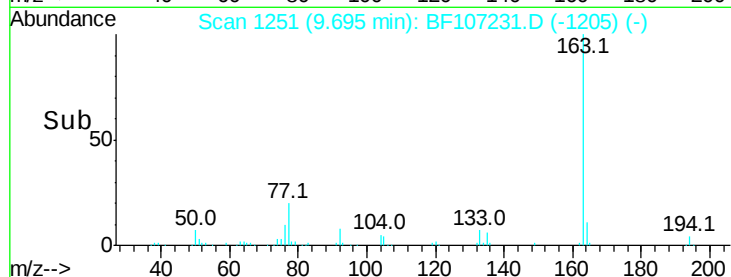
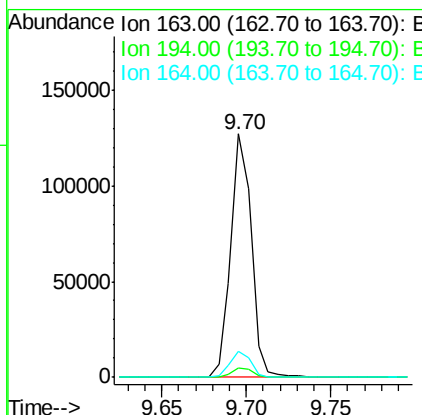
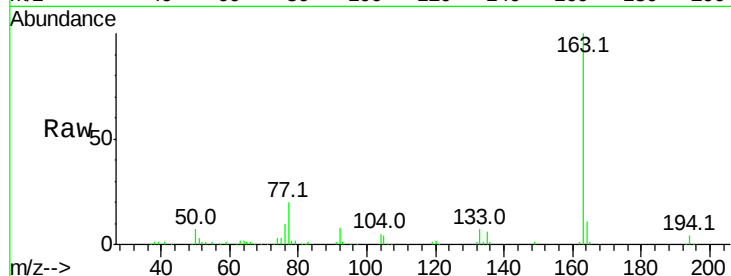
#49
Dimethylphthalate
Concen: 20.500 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1	
164	10.8	8.2	12.2	

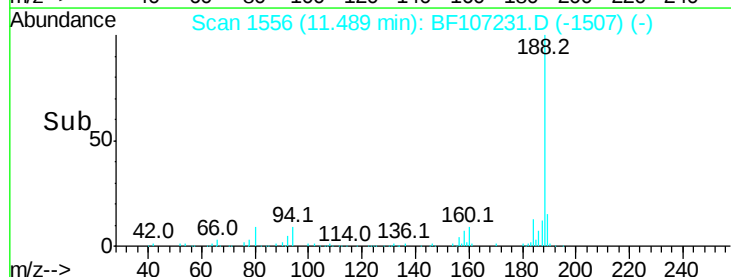
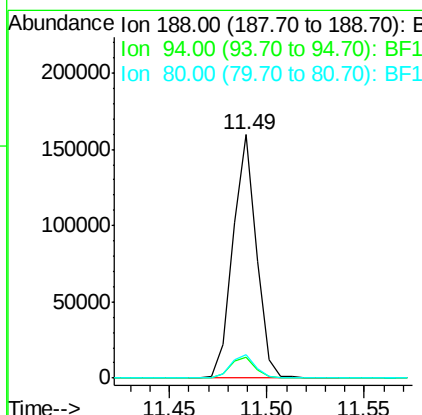
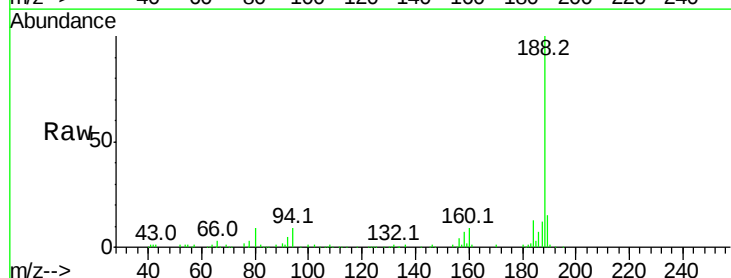
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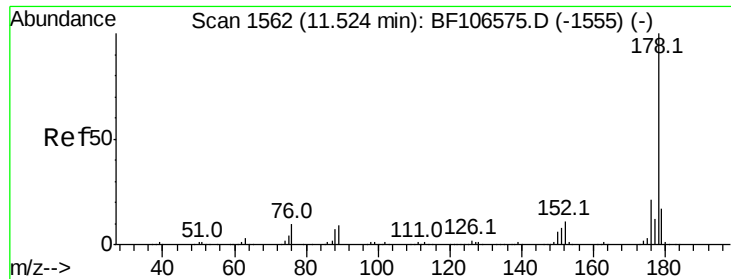
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	8.5	12.7	
80	9.5	9.2	13.8	





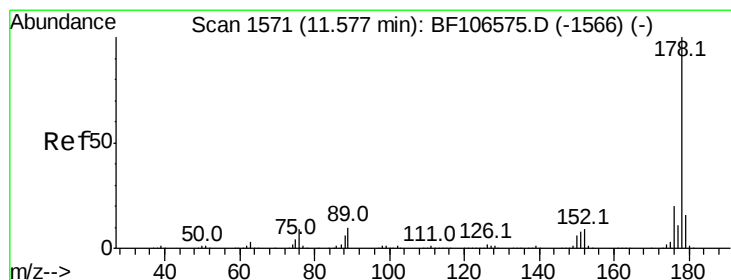
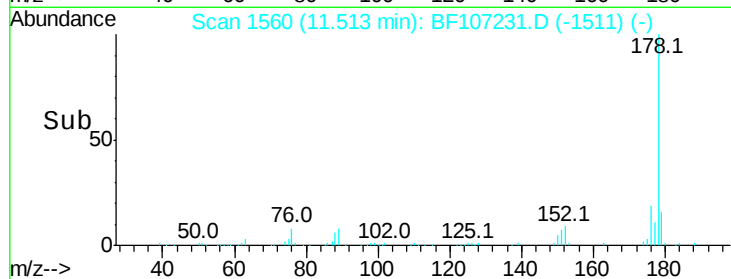
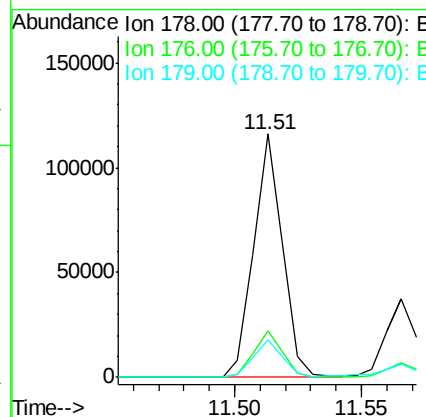
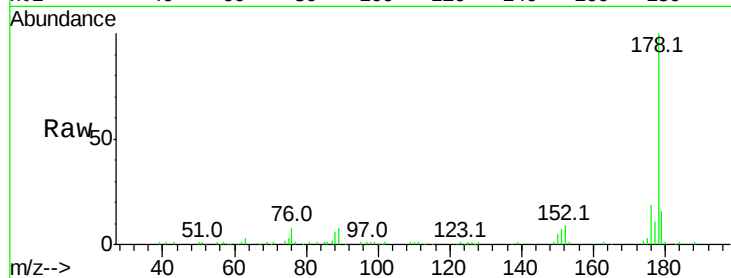
#70
Phenanthrene
Concen: 14.360 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.6	13.0	19.6

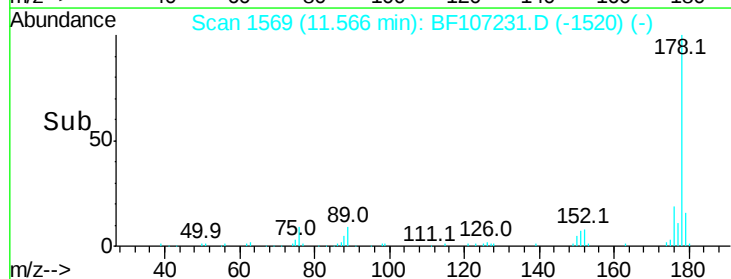
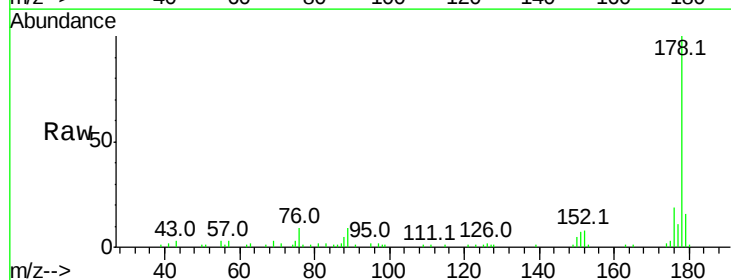
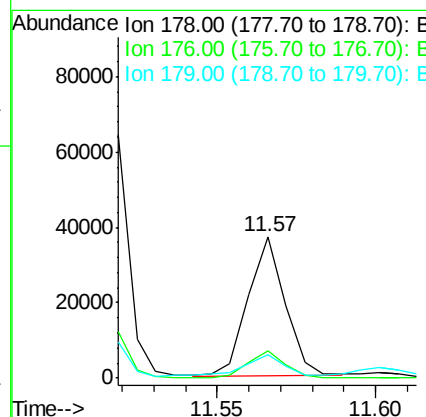
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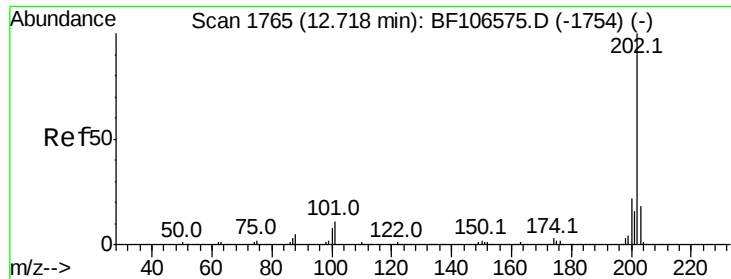
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#71
Anthracene
Concen: 4.564 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.2	12.6	19.0





#74

Fluoranthene

Concen: 26.719 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107231.D

Acq: 9 Jul 2018 16:21

Instrument :

BNA_F

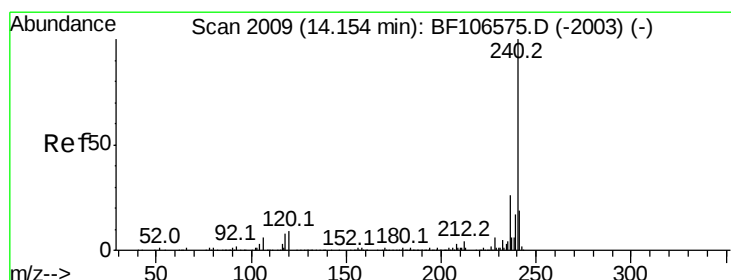
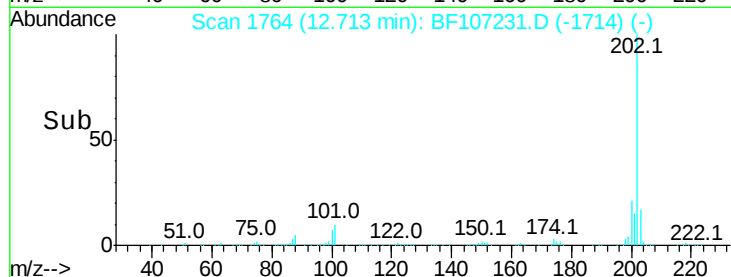
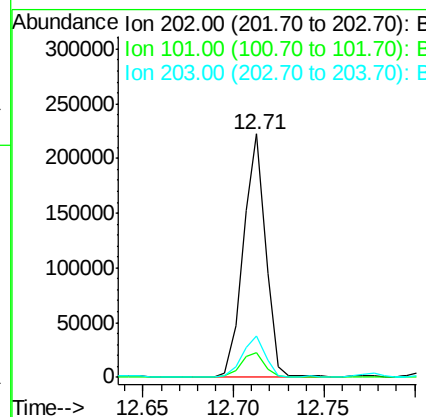
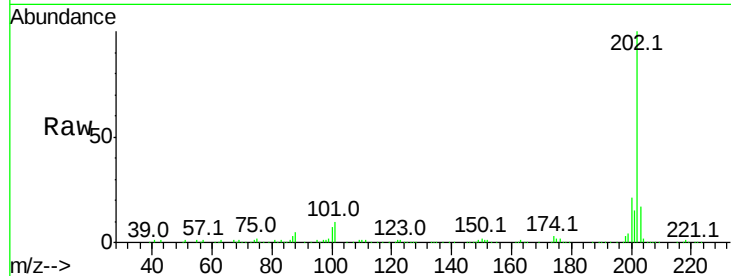
ClientSampleId :

SURCHARGE-SP-3RE

Tot Ion:	202	Resp:	188876
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	34.1
203	17.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

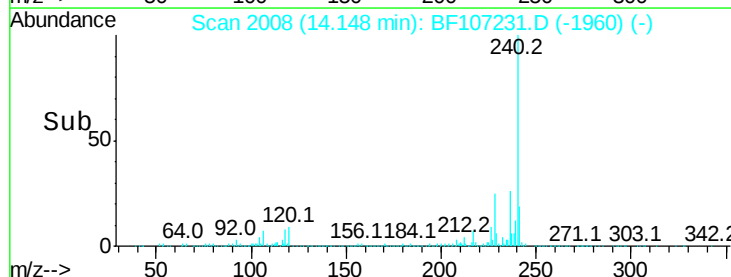
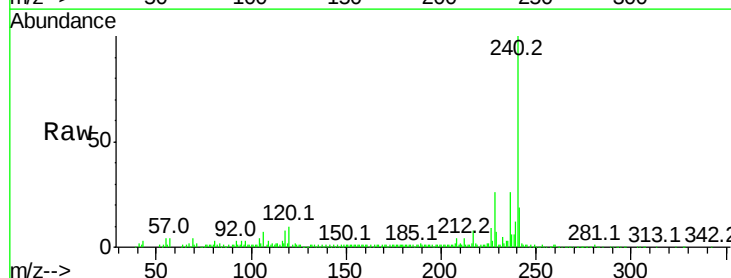
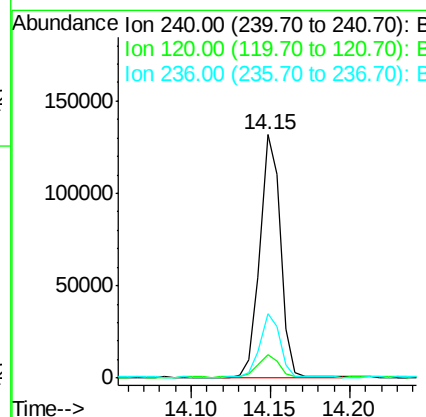
RT: 14.15 min Scan# 2008

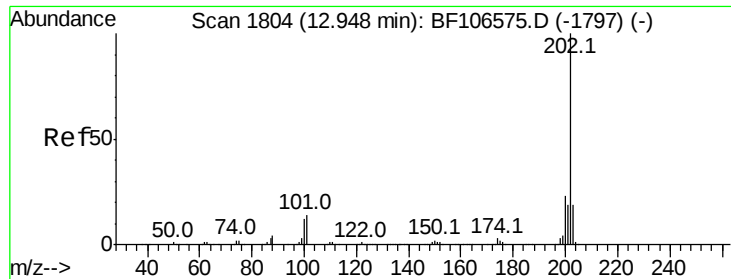
Delta R.T. -0.02 min

Lab File: BF107231.D

Acq: 9 Jul 2018 16:21

Tgt Ion:	240	Resp:	119268
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.5	14.3
236	26.4	20.7	31.1





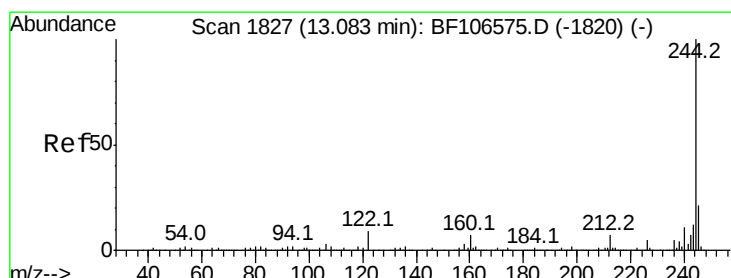
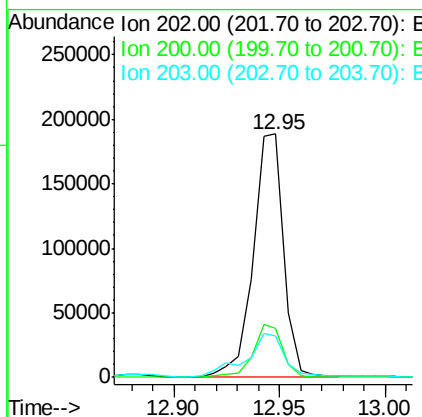
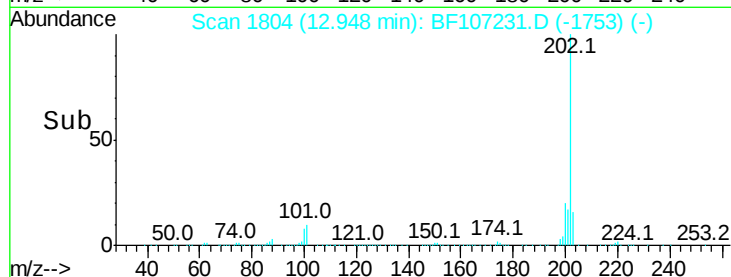
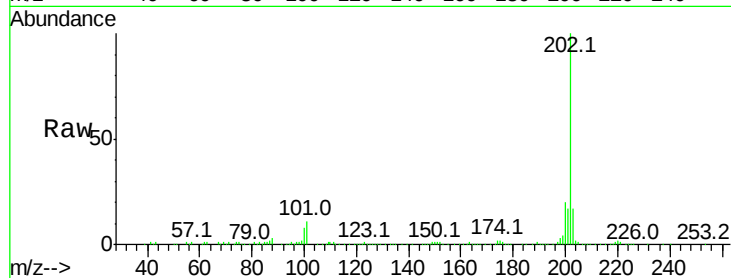
#77
Pvrene
Concen: 23.955 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.0	14.3	21.5

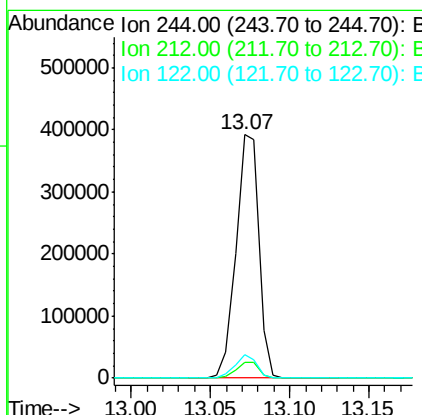
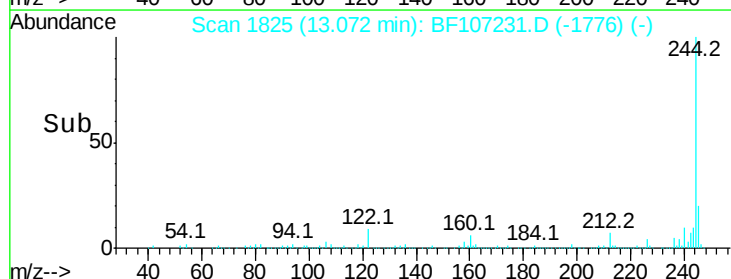
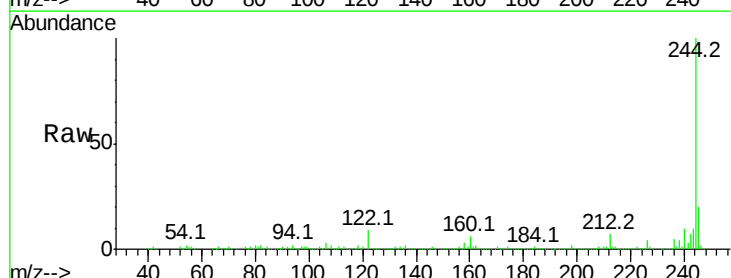
Manual Integrations
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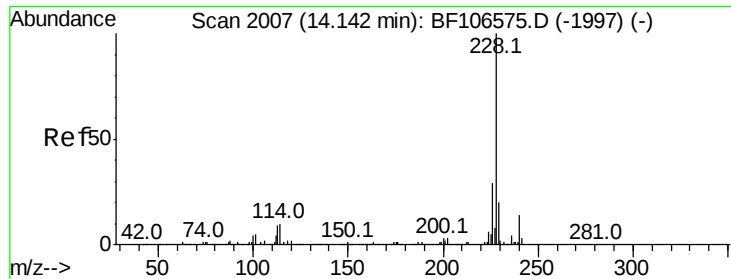
Sohil
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#78
Terphenyl-d14
Concen: 79.554 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	11.0	16.4#





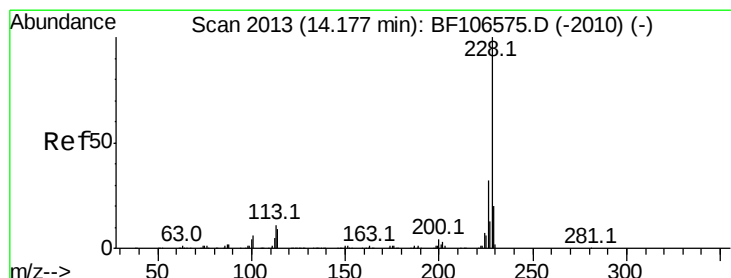
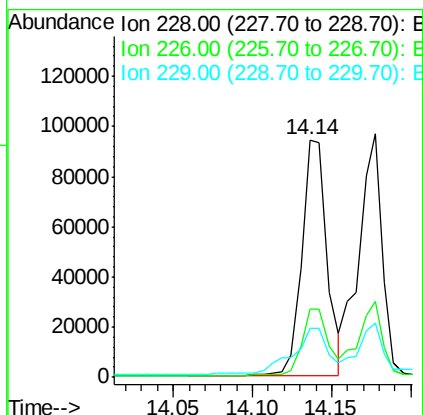
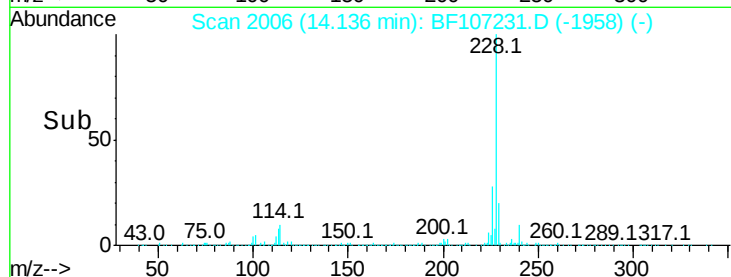
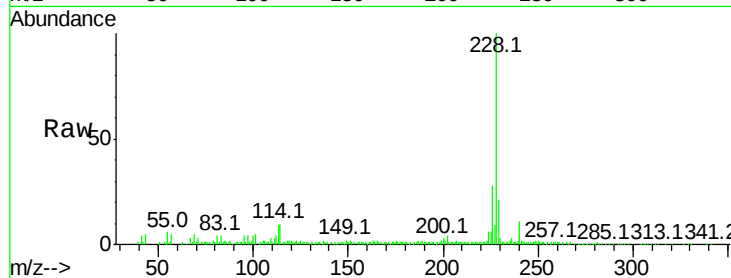
#80
Benzo(a)anthracene
Concen: 14.315 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.6	15.8	23.6

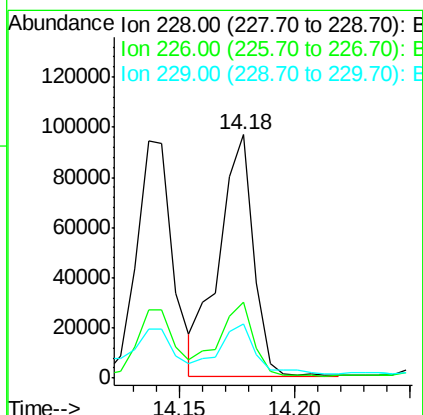
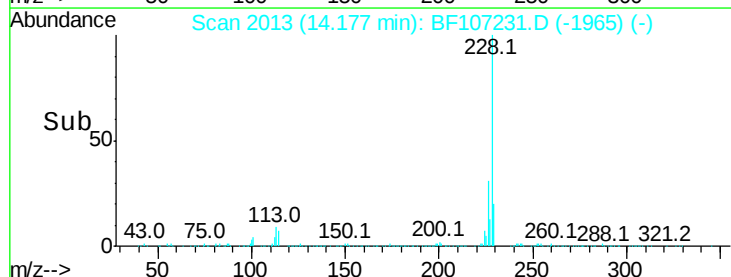
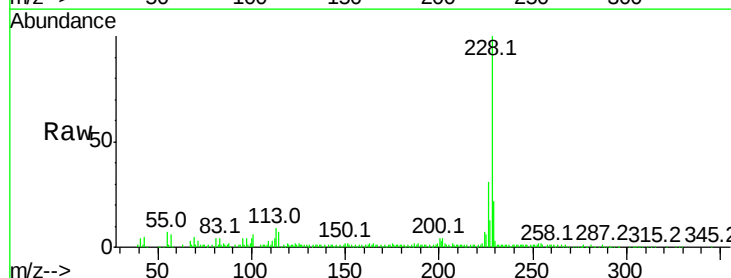
Manual Integrations
APPROVED

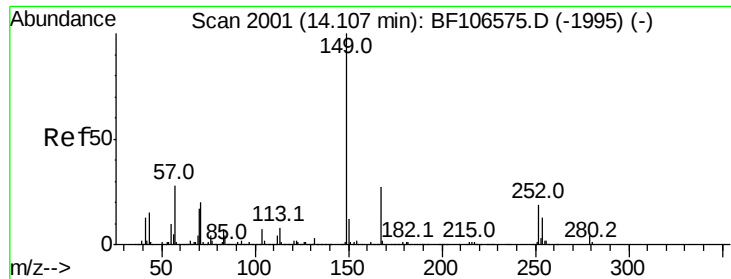
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#82
Chrysene
Concen: 15.016 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.517 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107231.D

Acq: 9 Jul 2018 16:21

Instrument :

BNA_F

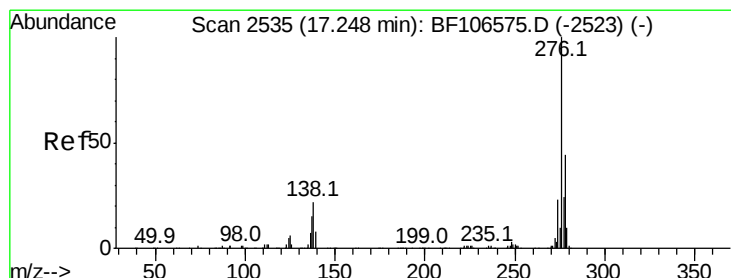
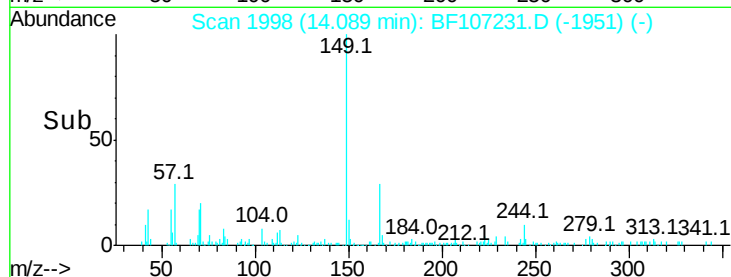
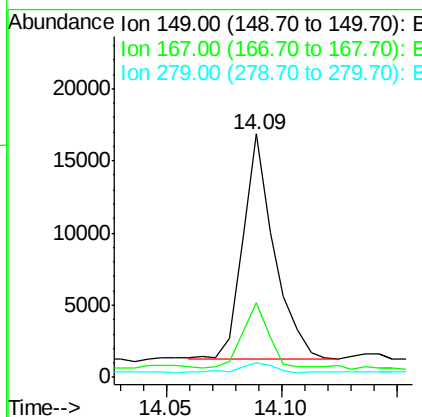
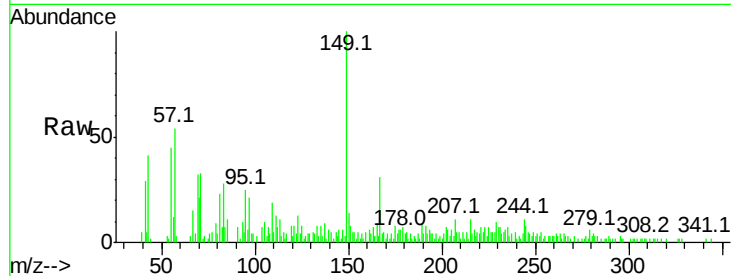
ClientSampleId :

SURCHARGE-SP-3RE

Tot Ion:	149	Resp:	14541
Ion Ratio	Lower	Upper	
149	100		
167	30.6	21.3	31.9
279	5.9	3.0	4.4#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 6.672 ng

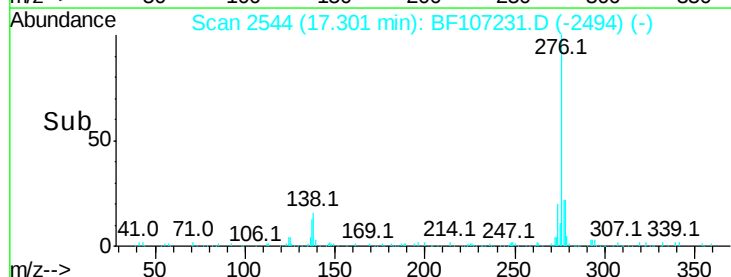
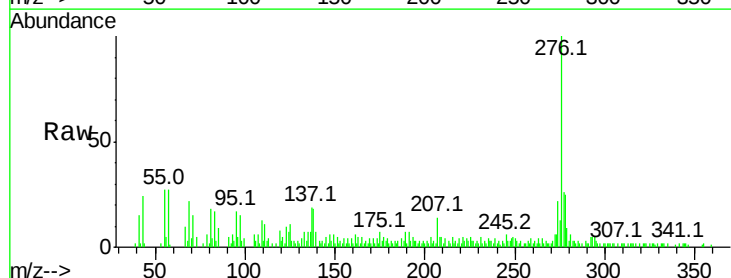
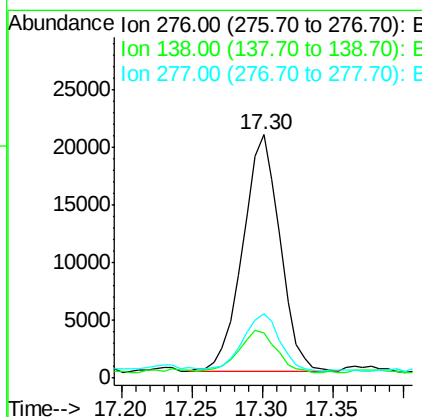
RT: 17.30 min Scan# 2544

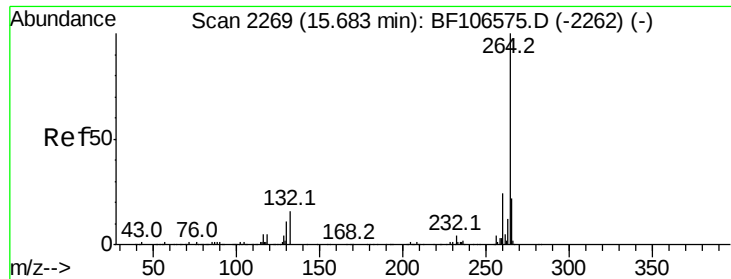
Delta R.T. -0.01 min

Lab File: BF107231.D

Acq: 9 Jul 2018 16:21

Tgt Ion:	276	Resp:	37862
Ion Ratio	Lower	Upper	
276	100		
138	17.6	25.0	37.6#
277	24.6	20.1	30.1





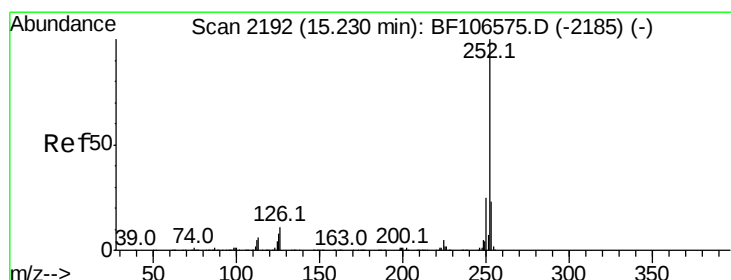
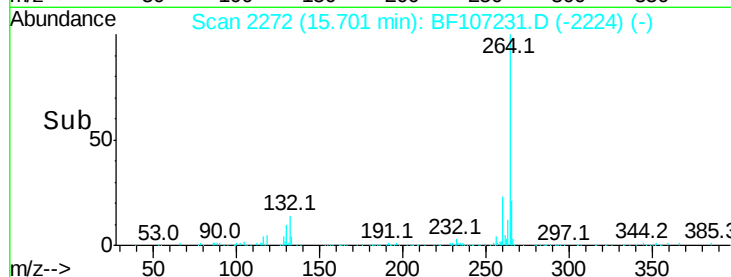
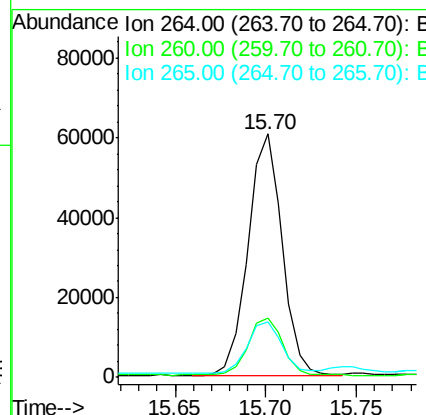
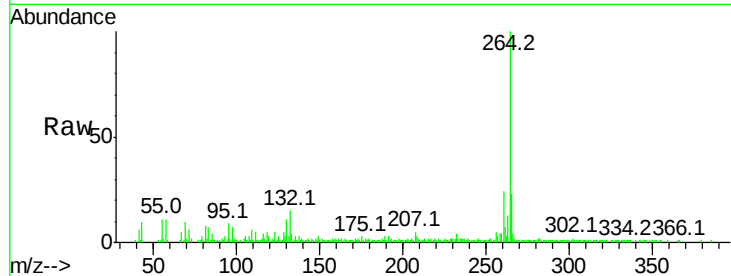
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.5	26.3

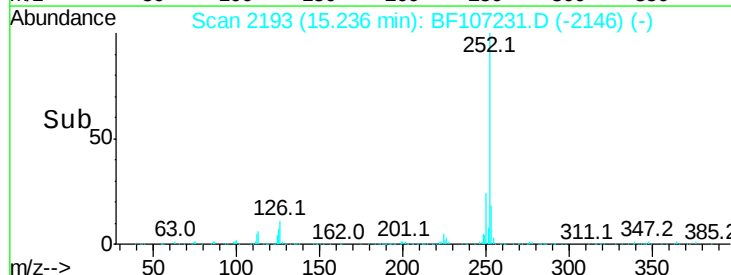
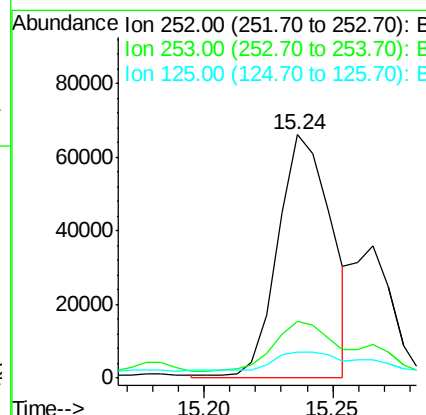
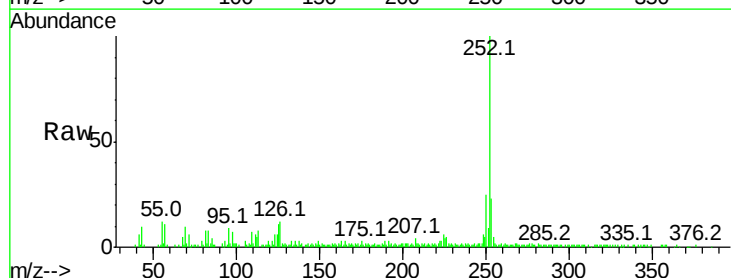
Manual Integrations
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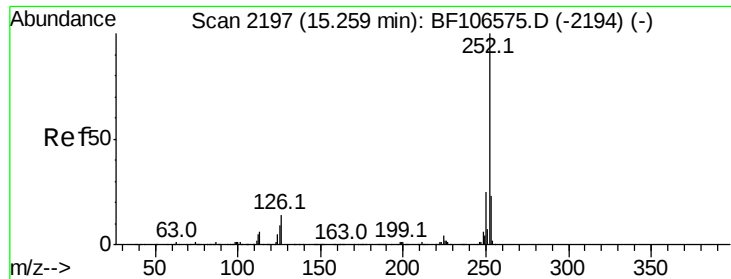
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#87
Benzo(b)fluoranthene
Concen: 19.542 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	10.6	9.0	13.6





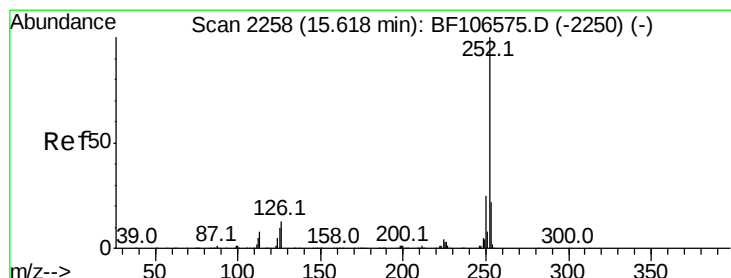
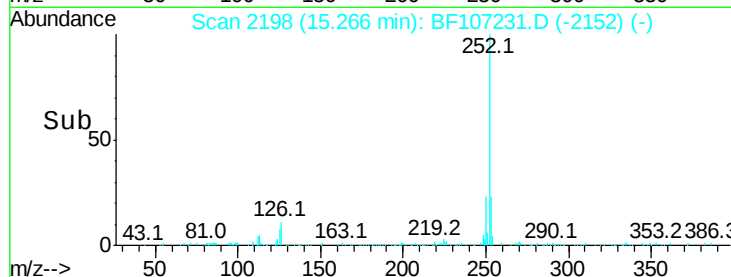
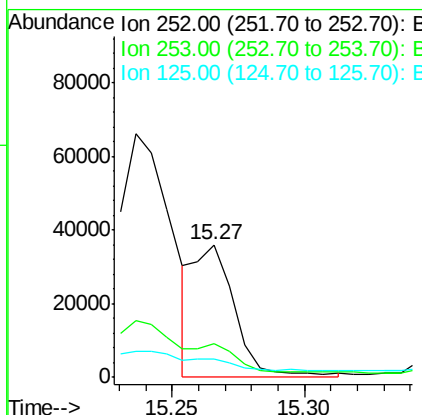
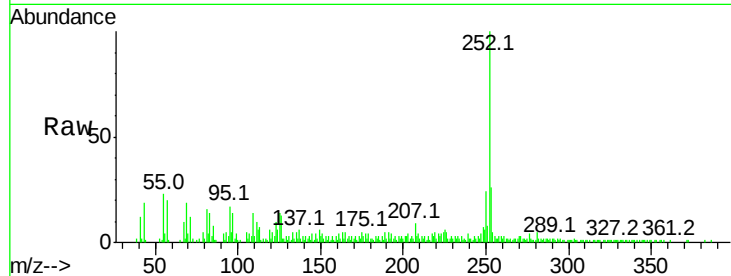
#88
Benzo(k)fluoranthene
Concen: 8.205 ng m
RT: 15.27 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	13.6	10.2	15.2

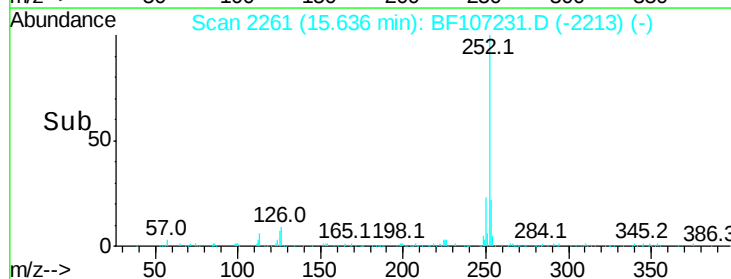
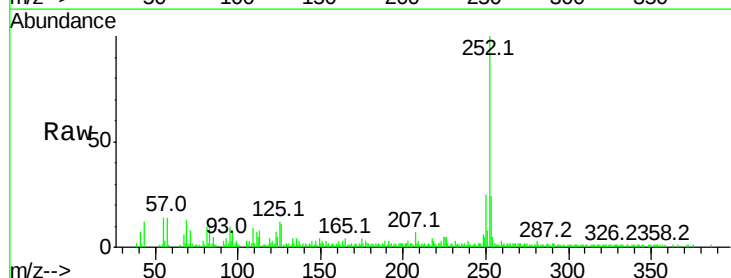
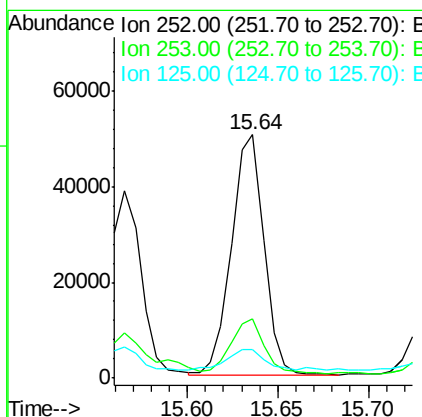
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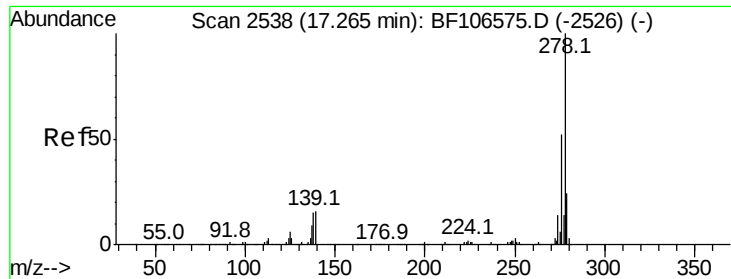
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#89
Benzo(a)pyrene
Concen: 14.327 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	11.8	9.8	14.6





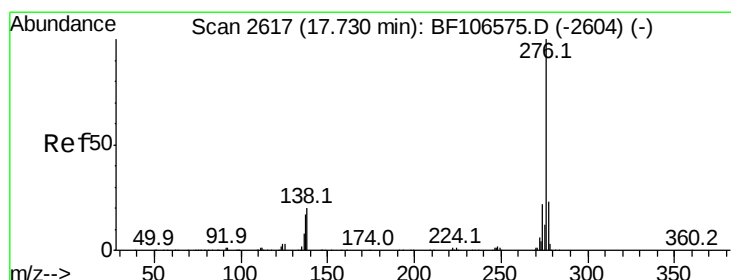
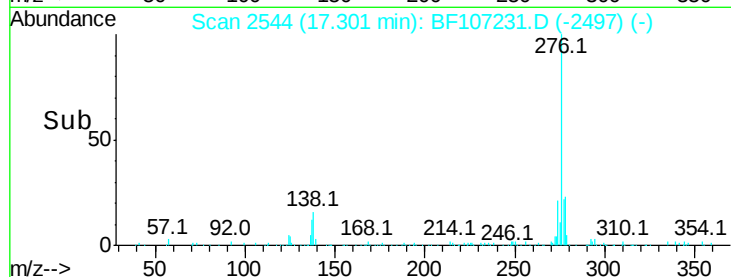
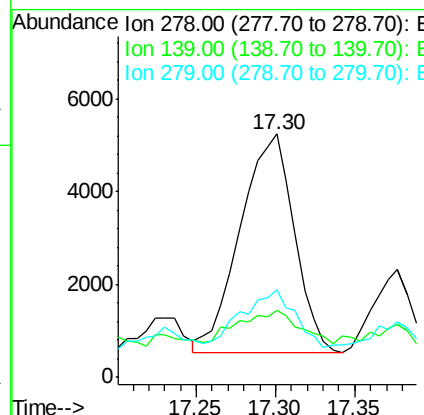
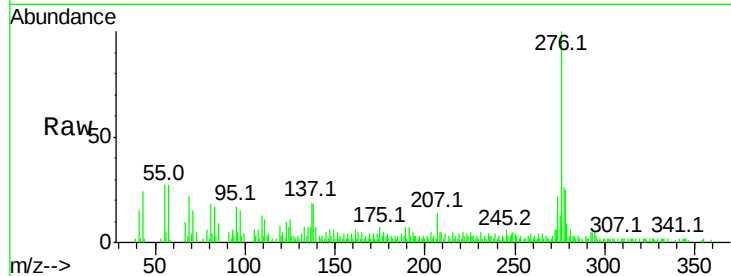
#90
Dibenzo(a,h)anthracene
Concen: 3.001 ng
RT: 17.30 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.4	15.9	23.9#
279	35.7	19.0	28.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 10.421 ng
RT: 17.79 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BF107231.D
Acq: 9 Jul 2018 16:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	19.9	21.8	32.8#

