

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107218.D
 Acq On : 7 Jul 2018 20:25
 Operator : JU/SJ
 Sample : J3879-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-5

Manual Integrations
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Quant Time: Jul 09 05:08:48 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	54588	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	191005	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	85339	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	167923	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	117947	20.00	ng	-0.02
86) Perylene-d12	15.69	264	96562	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350698	108.79	ng	0.00
7) Phenol-d6	6.60	99	427208	106.12	ng	-0.01
23) Nitrobenzene-d5	7.51	82	248468	72.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	115494	116.77	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	442213	88.28	ng	-0.02
78) Terphenyl-d14	13.07	244	522158	107.24	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	119787	18.715	ng	Qvalue 98
57) Fluorene	10.54	166	11910	2.059	ng	# 95
70) Phenanthrene	11.51	178	178755	22.071	ng	99
71) Anthracene	11.57	178	68168	8.246	ng	98
74) Fluoranthene	12.71	202	419404	46.981	ng	95
77) Pyrene	12.94	202	371436	47.756	ng	99
80) Benzo(a)anthracene	14.14	228	175208m	24.373	ng	
82) Chrysene	14.17	228	160682m	24.296	ng	
85) Indeno(1,2,3-cd)pyrene	17.28	276	70340	12.533	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	175424m	29.245	ng	
88) Benzo(k)fluoranthene	15.25	252	50570m	8.853	ng	
89) Benzo(a)pyrene	15.62	252	116223	21.796	ng	96
90) Dibenzo(a,h)anthracene	17.28	278	18299	4.049	ng	# 69
91) Benzo(a,h,i)perylene	17.77	276	66299	15.010	ng	# 90

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

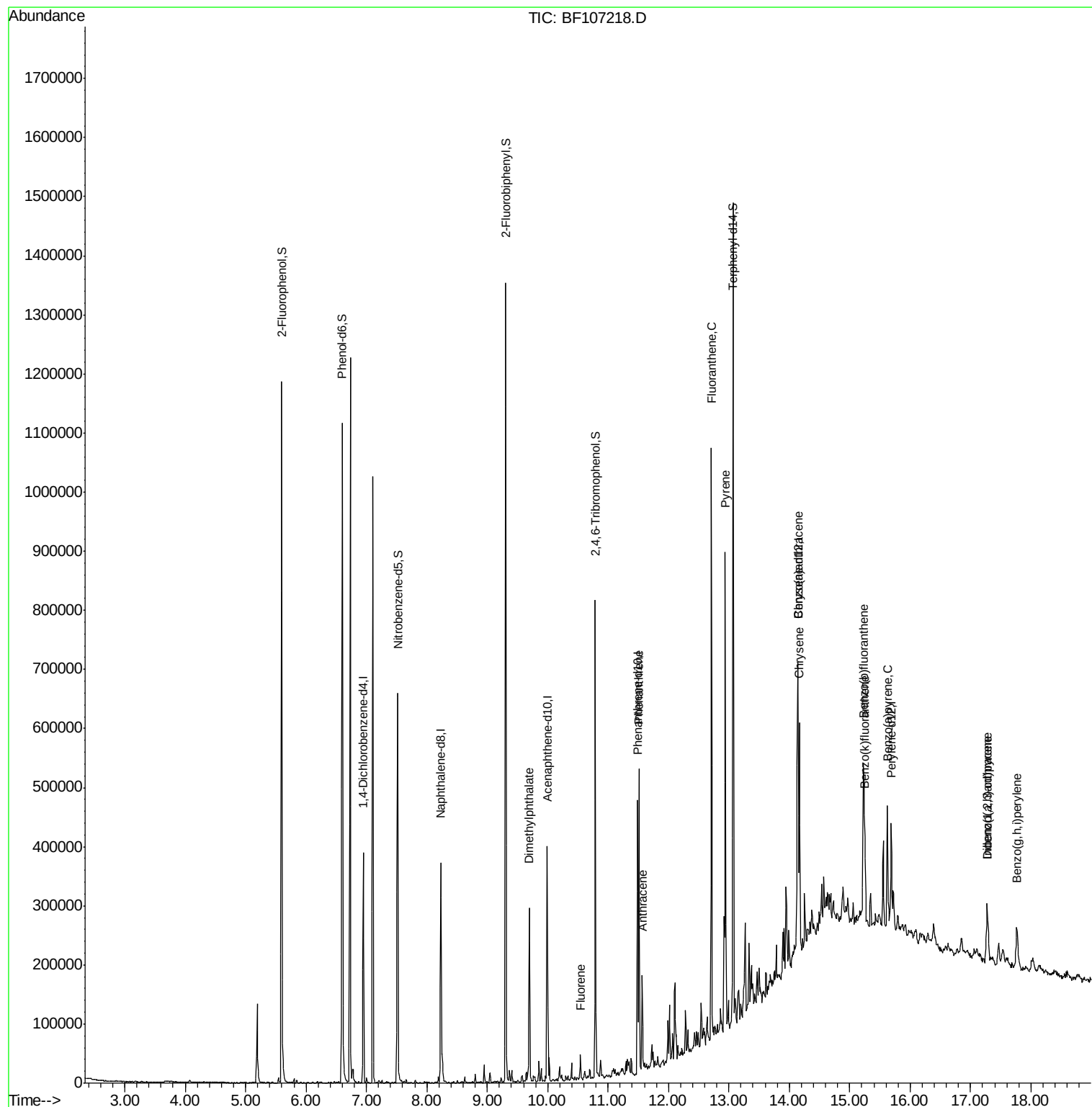
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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ALS Vial : 26 Sample Multiplier: 1

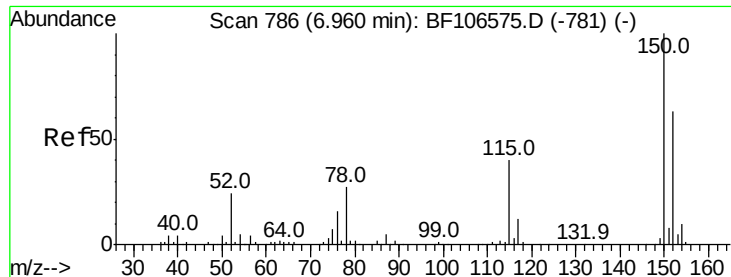
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

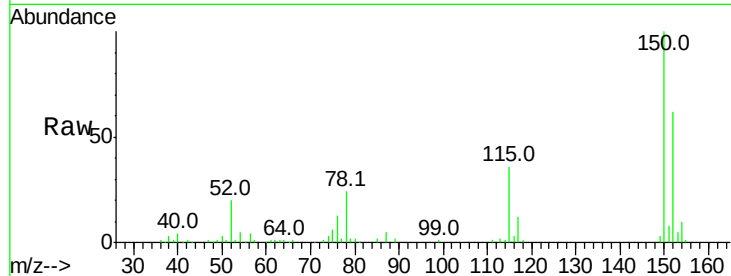
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	58.9	50.1	75.1

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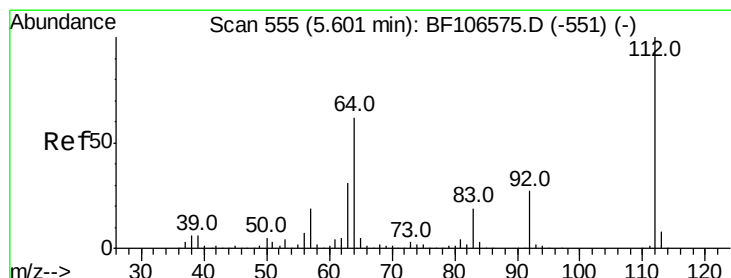
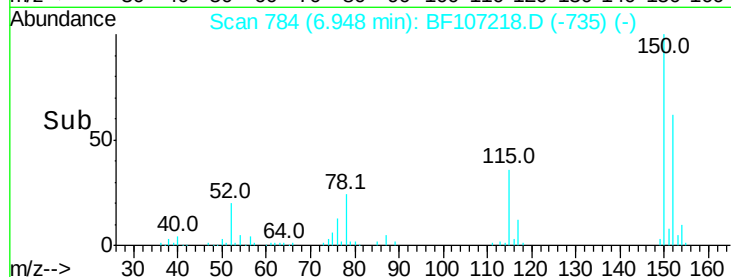
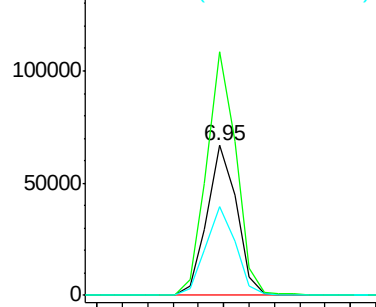


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

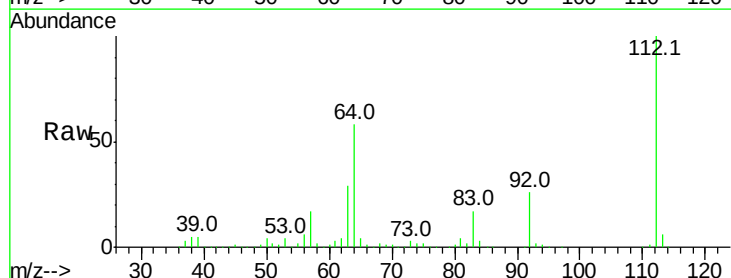
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.786 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.7	23.7	35.5

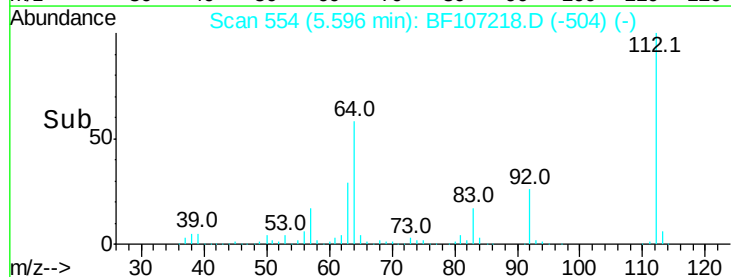
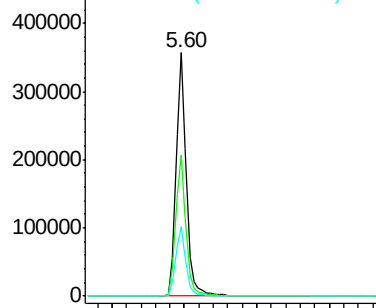


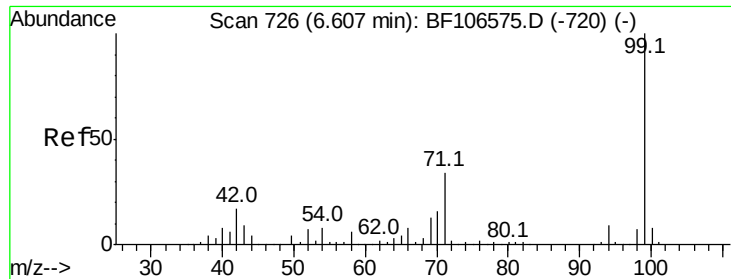
Abundance

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: 106.117 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107218.D

Acq: 7 Jul 2018 20:25

Instrument :

BNA_F

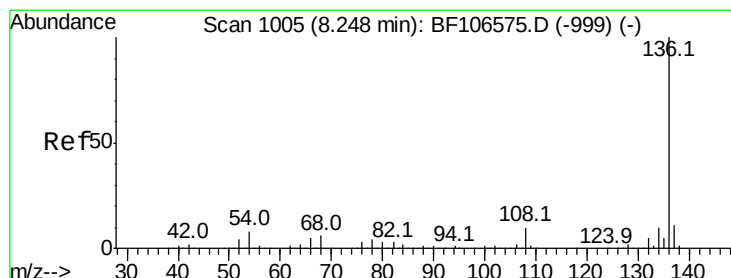
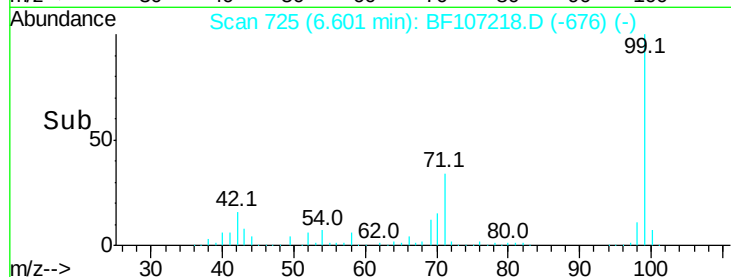
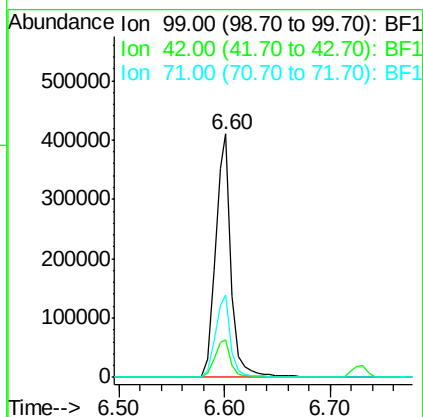
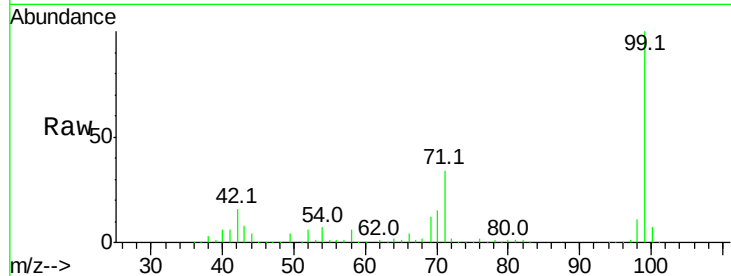
ClientSampleId :

SURCHARGE-SP-5

Tot Ion:	99	Resp:	427208
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	33.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

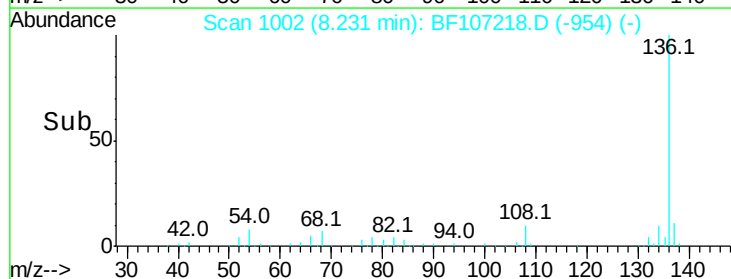
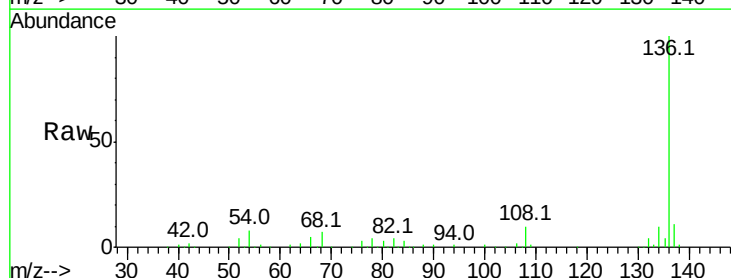
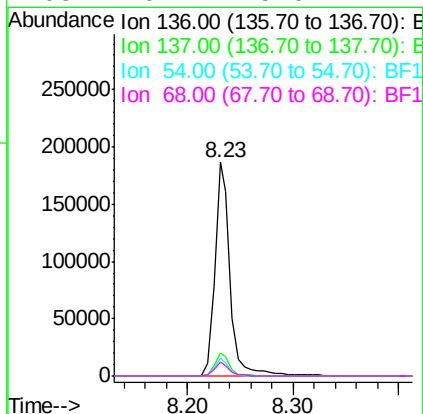
RT: 8.23 min Scan# 1002

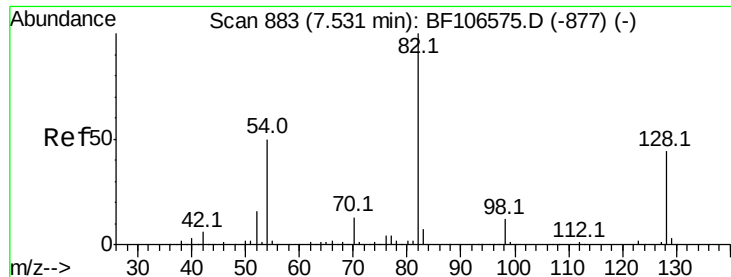
Delta R.T. -0.02 min

Lab File: BF107218.D

Acq: 7 Jul 2018 20:25

Tgt Ion:	136	Resp:	191005
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	6.7	5.0	7.4





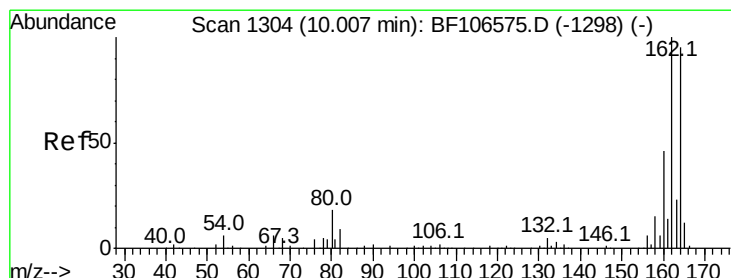
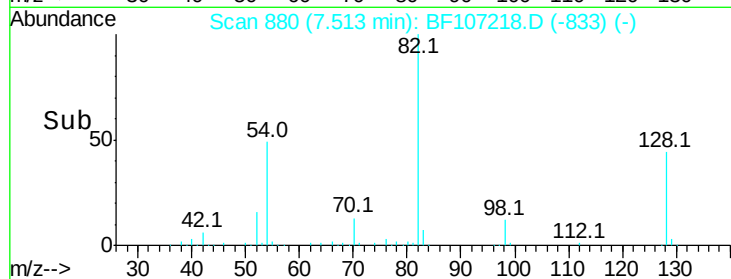
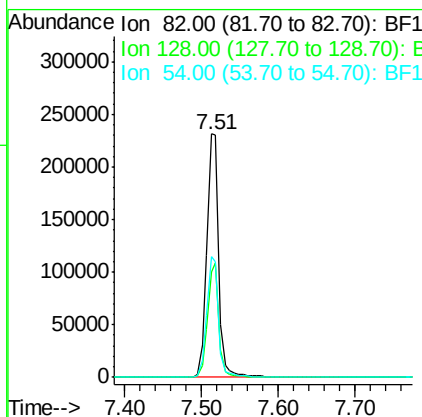
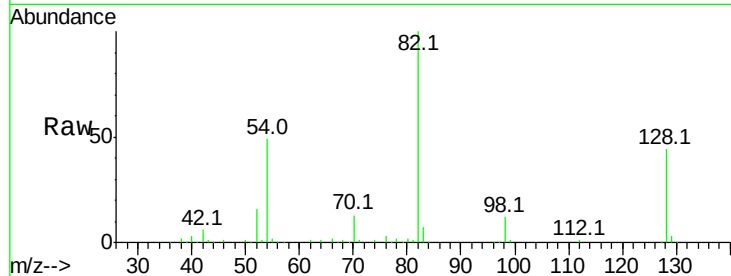
#23
Nitrobenzene-d5
Concen: 72.293 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	49.5	41.4	62.2

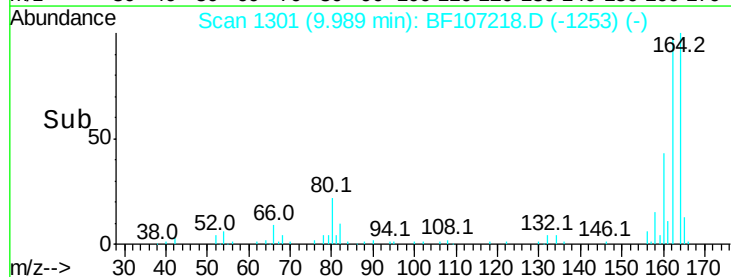
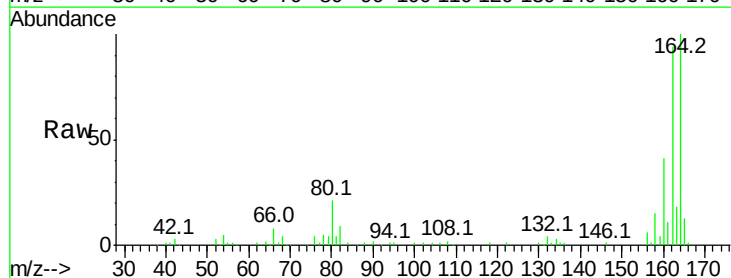
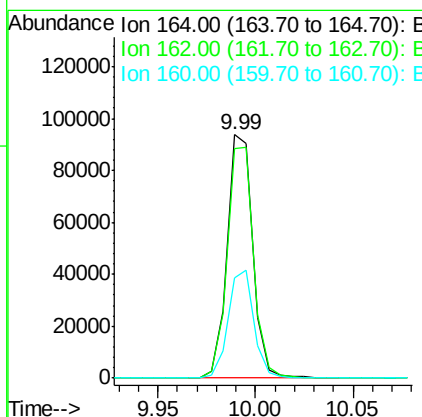
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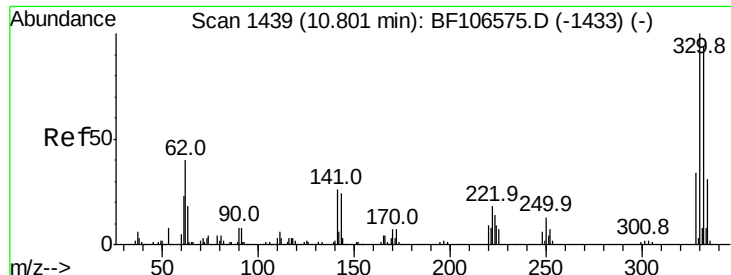
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.0	86.1	129.1
160	41.4	38.3	57.5





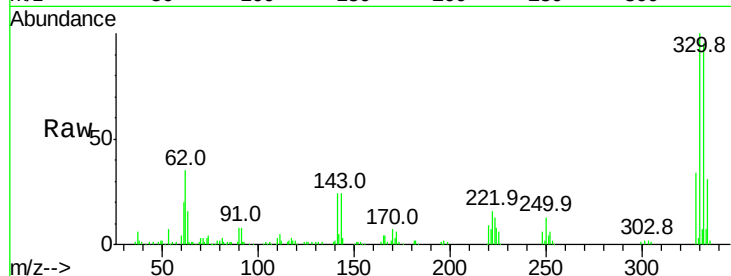
#41
 2,4,6-Tribromophenol
 Concen: 116.767 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107218.D
 Acq: 7 Jul 2018 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-5

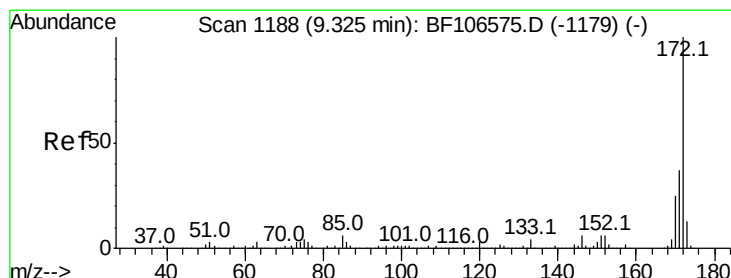
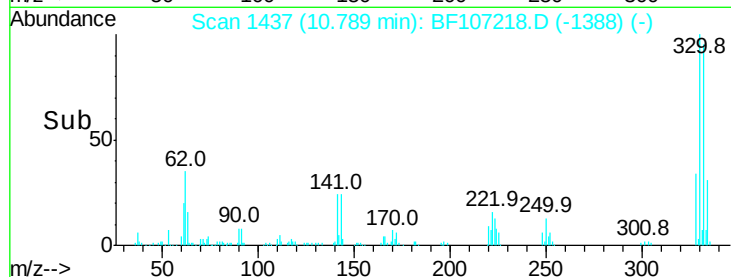
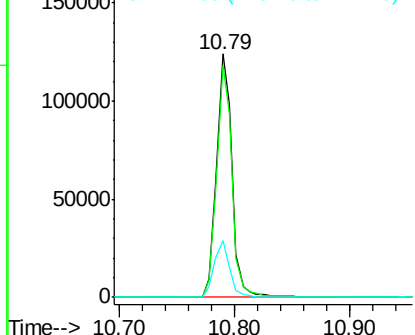
Tot Ion	Ratio	Resp	Lower	Upper
330	100	115494		
332	94.4	77.0	115.6	
141	23.3	29.9	44.9#	

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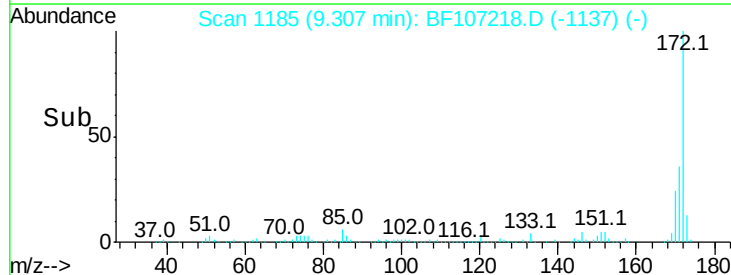
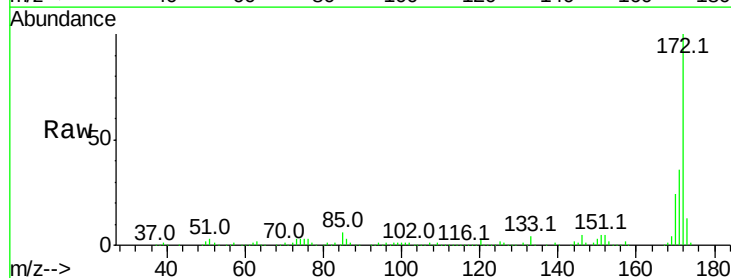
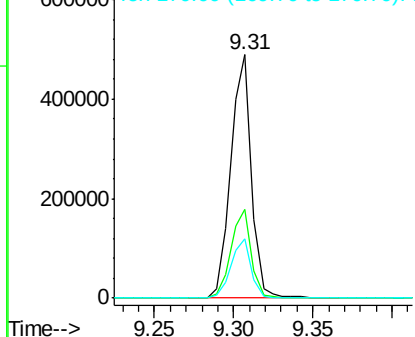
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

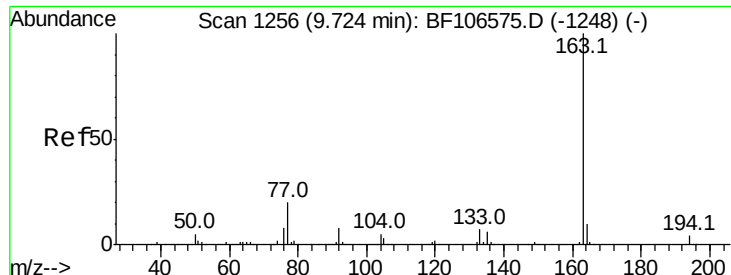


#44
 2-Fluorobiphenyl
 Concen: 88.278 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107218.D
 Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	442213		
171	36.4	29.7	44.5	
170	24.5	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





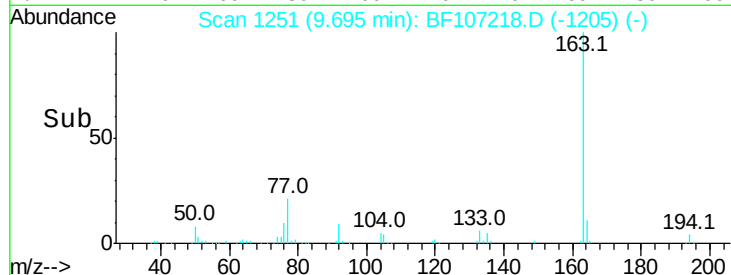
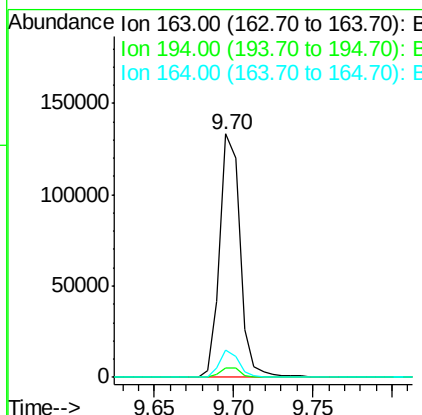
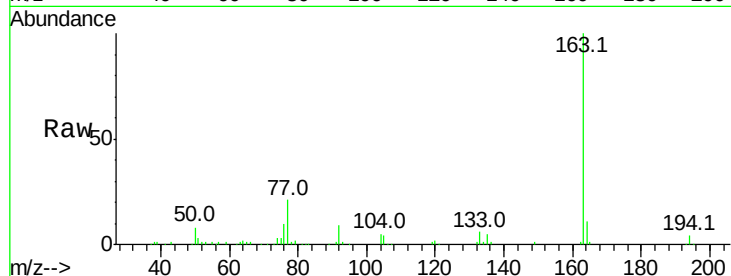
#49
Dimethylphthalate
Concen: 18.715 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	119787		
194	3.9	2.7	4.1	
164	11.1	8.2	12.2	

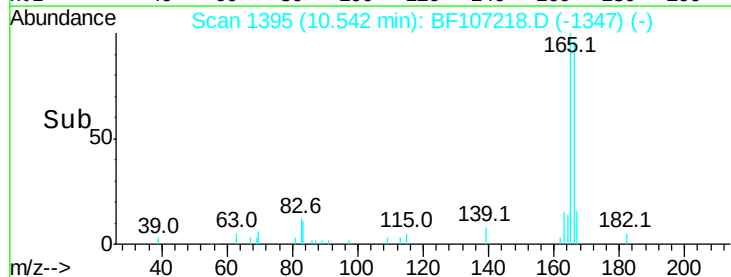
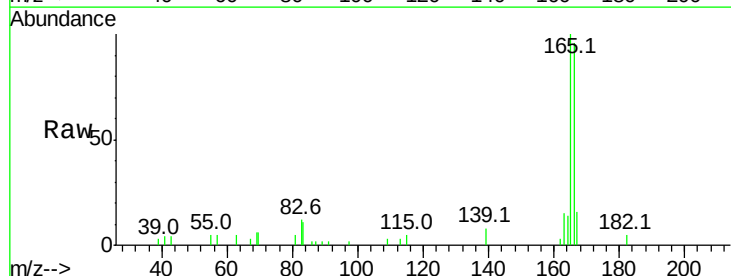
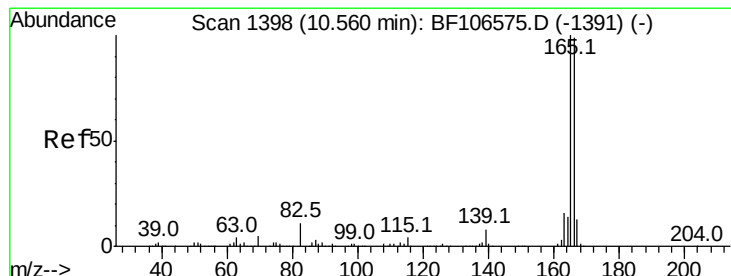
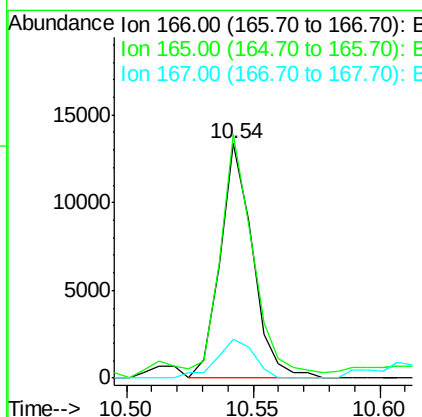
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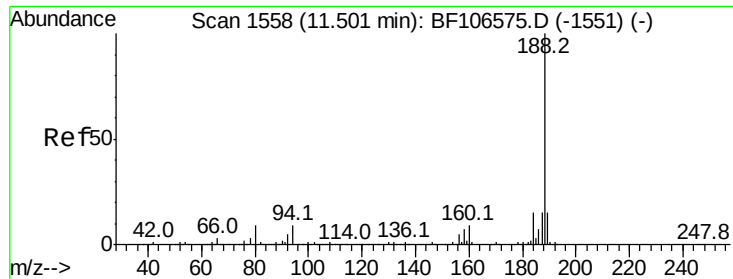
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#57
Fluorene
Concen: 2.059 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	11910		
165	103.9	79.8	119.8	
167	16.6	10.6	16.0	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107218.D

Acq: 7 Jul 2018 20:25

Instrument :

BNA_F

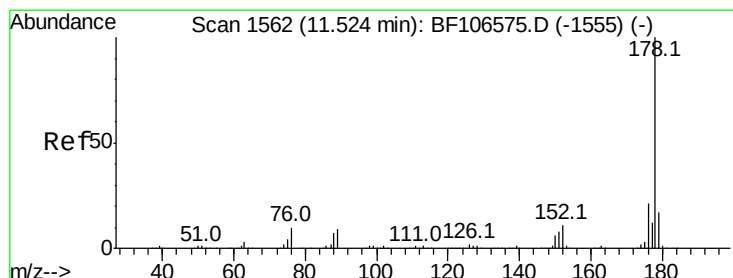
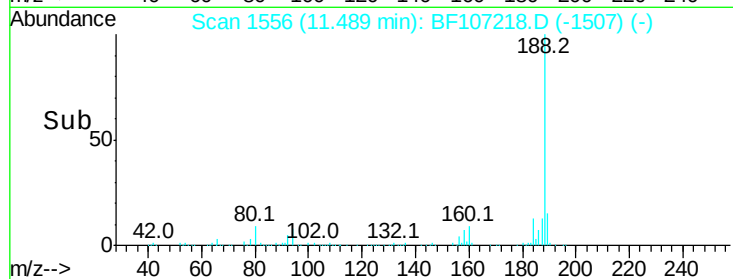
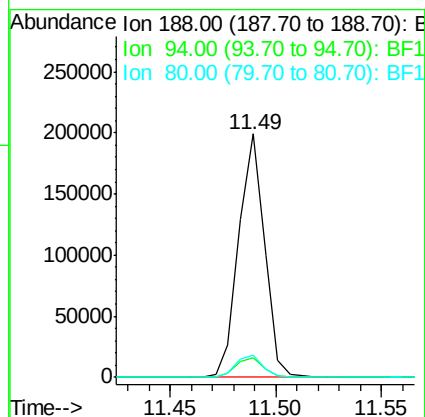
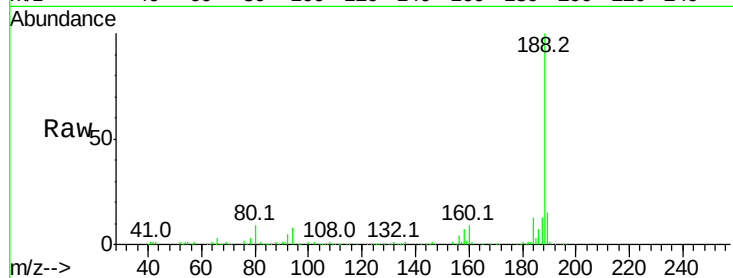
ClientSampleId :

SURCHARGE-SP-5

Tot Ion:188	Resp: 167923
Ion Ratio	Lower Upper
188 100	
94 8.2	8.5 12.7#
80 9.1	9.2 13.8#

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#70

Phenanthrene

Concen: 22.071 ng

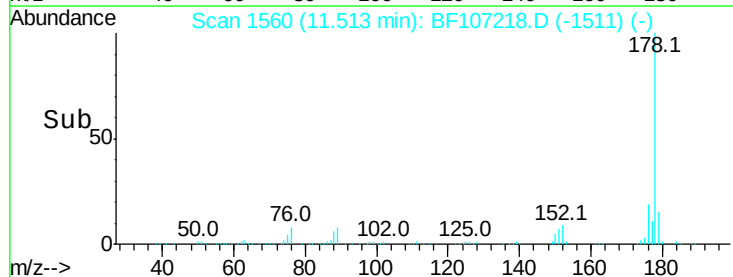
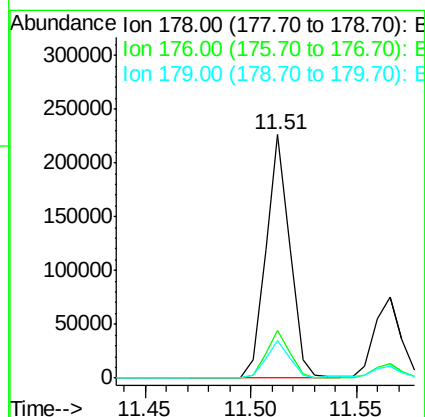
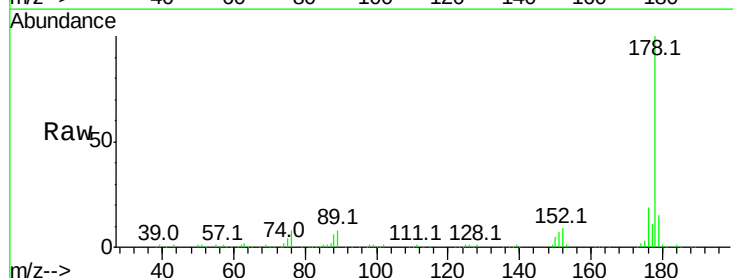
RT: 11.51 min Scan# 1560

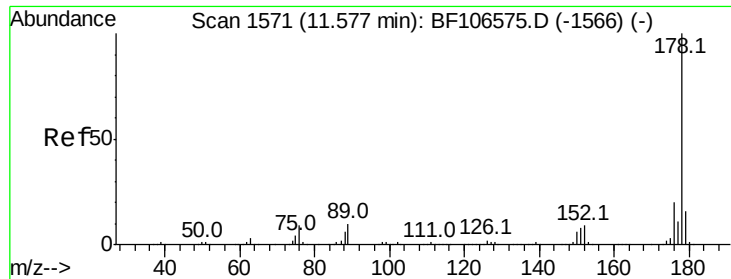
Delta R.T. -0.01 min

Lab File: BF107218.D

Acq: 7 Jul 2018 20:25

Tgt Ion:178	Resp: 178755
Ion Ratio	Lower Upper
178 100	
176 19.4	15.8 23.8
179 15.3	13.0 19.6





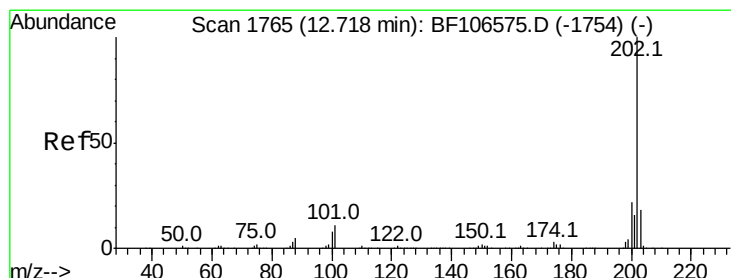
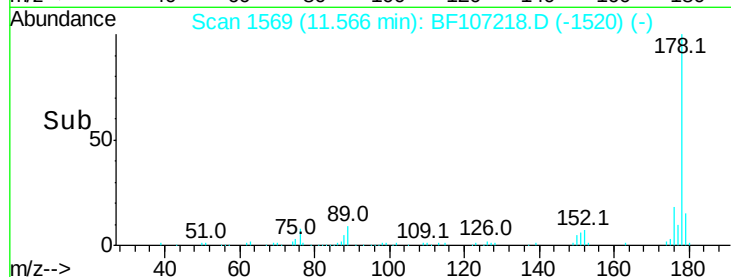
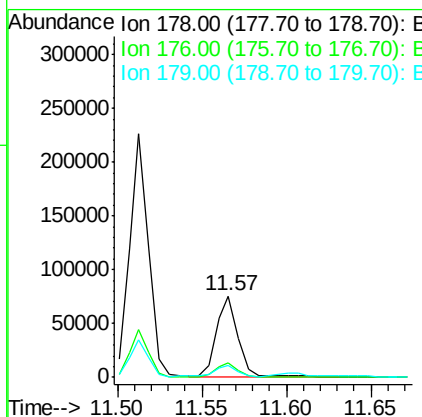
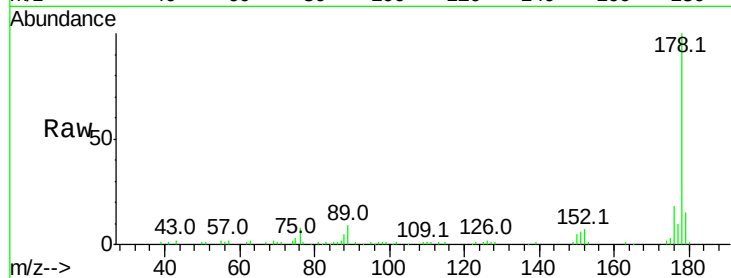
#71
 Anthracene
 Concen: 8.246 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107218.D
 Acq: 7 Jul 2018 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-5

Tot Ion:178 Resp: 68168
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.1 12.6 19.0

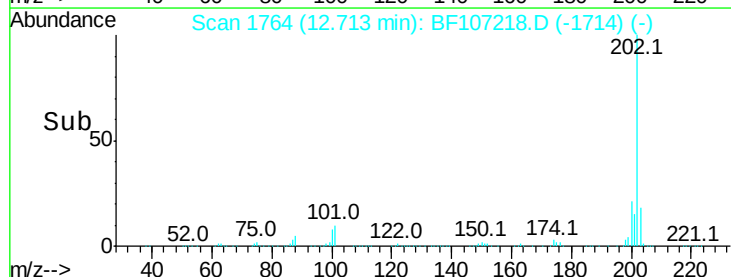
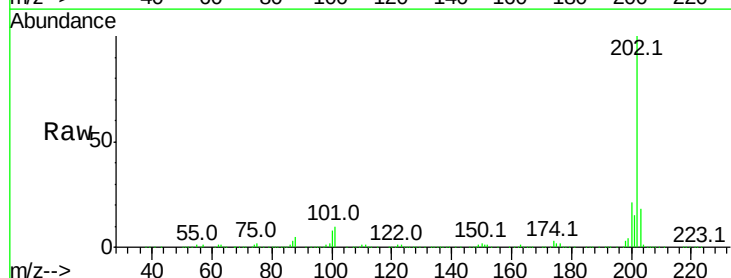
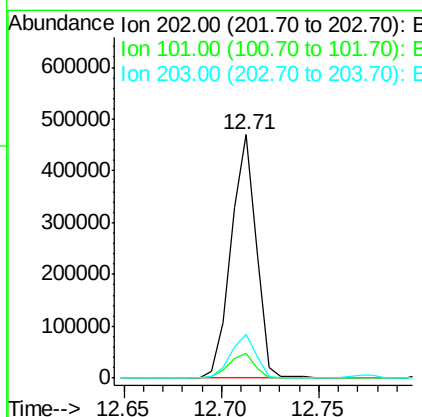
Manual Integrations
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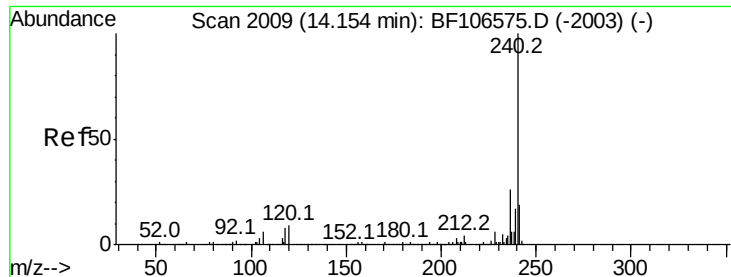
Sohil
 7/9/2018 2:06:57 PM



#74
 Fluoranthene
 Concen: 46.981 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF107218.D
 Acq: 7 Jul 2018 20:25

Tgt Ion:202 Resp: 419404
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 34.1
 203 17.9 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: BF107218.D

Acq: 7 Jul 2018 20:25

Instrument :

BNA_F

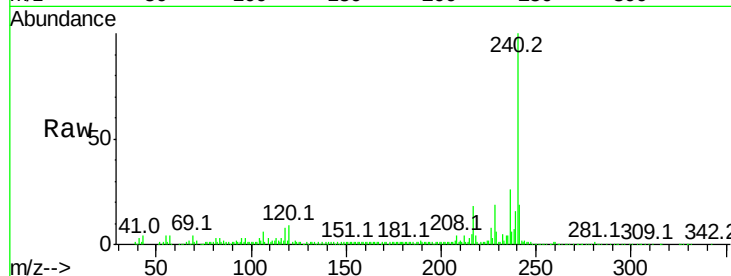
ClientSampleId :

SURCHARGE-SP-5

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.6	20.7	31.1

Manual Integrations
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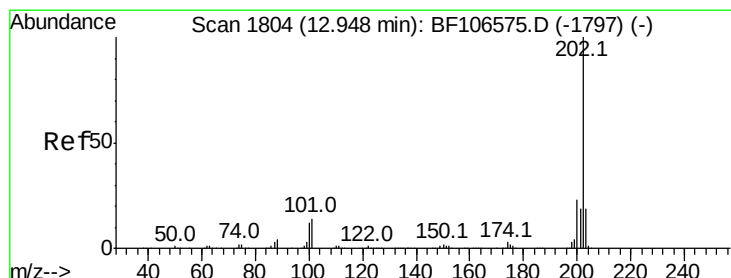
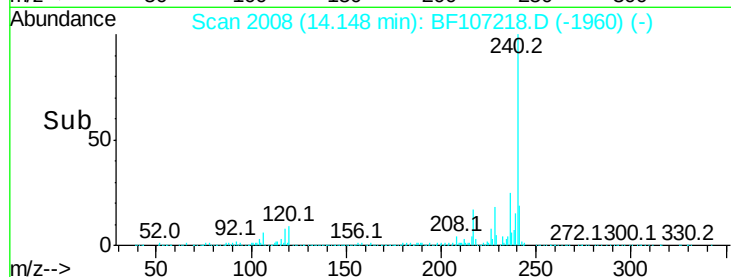
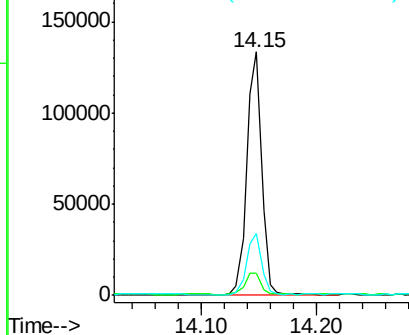
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 47.756 ng

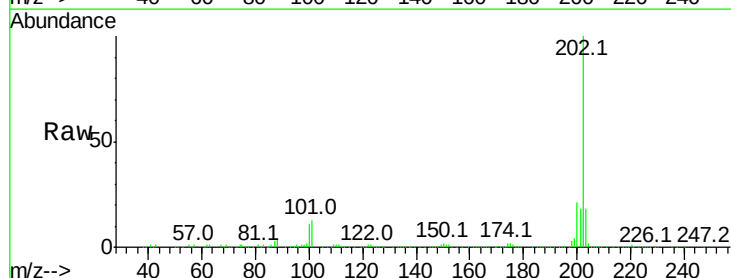
RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107218.D

Acq: 7 Jul 2018 20:25

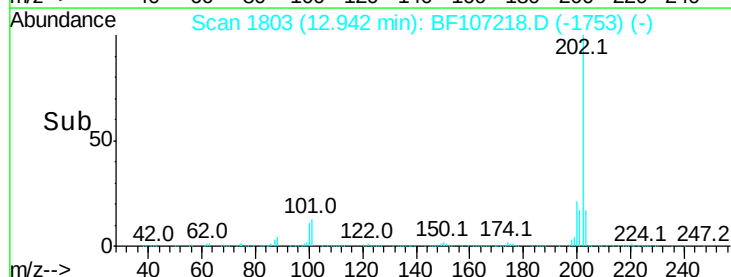
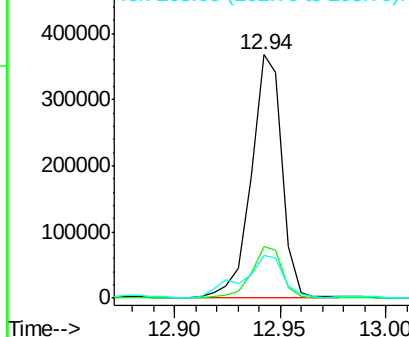
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

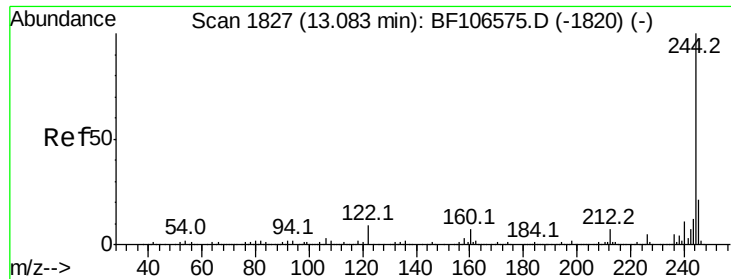


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





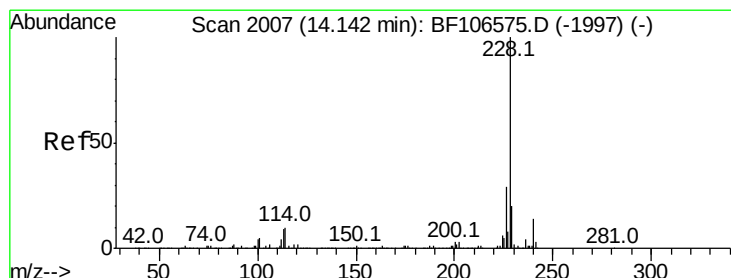
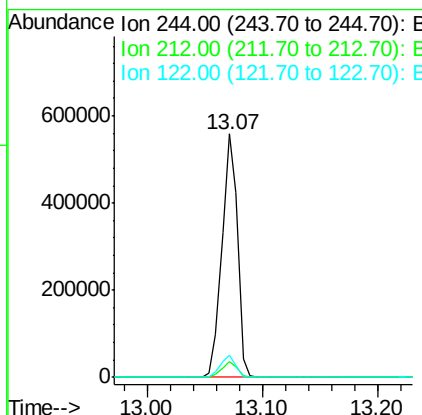
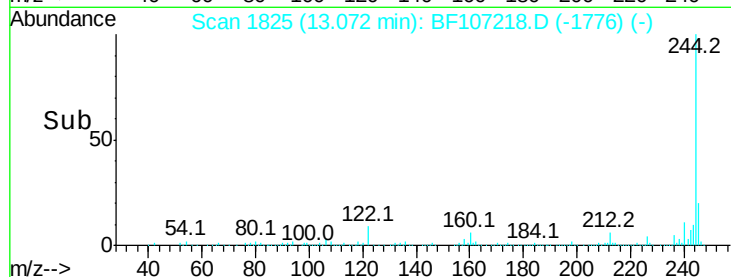
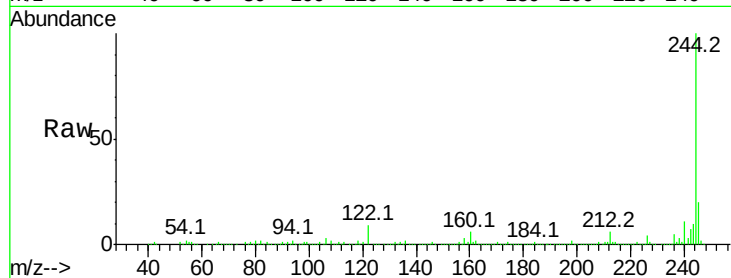
#78
 Terphenyl-d14
 Concen: 107.237 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107218.D
 Acq: 7 Jul 2018 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.0	11.0	16.4

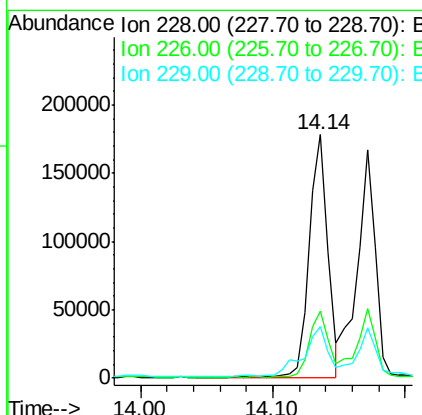
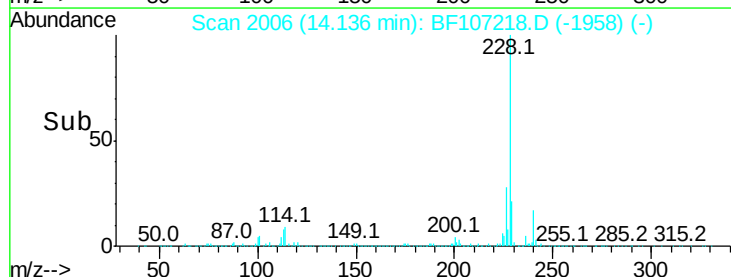
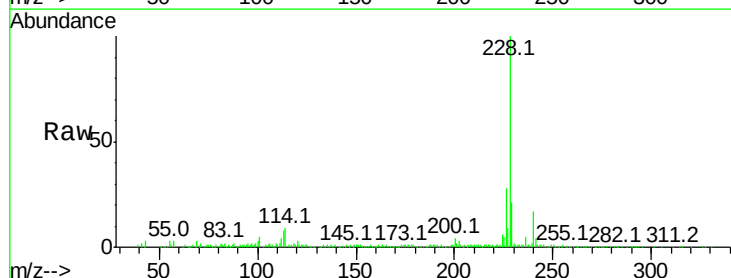
Manual Integrations
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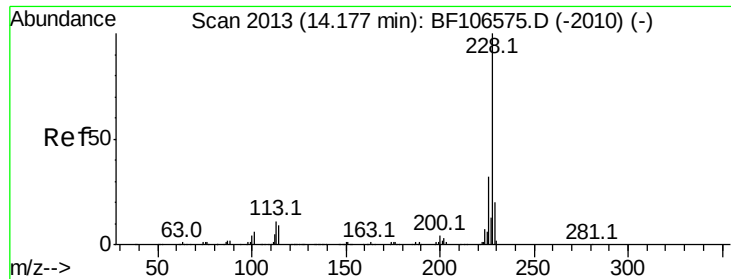
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#80
 Benzo(a)anthracene
 Concen: 24.373 ng m
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF107218.D
 Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.5	15.8	23.6





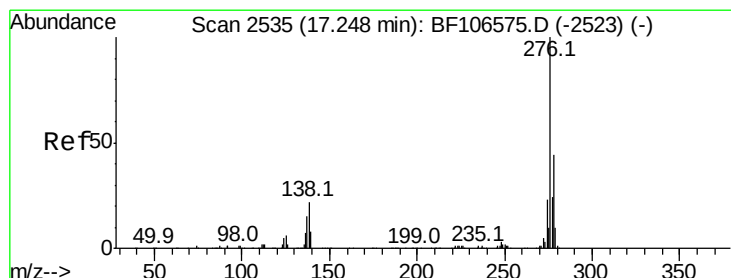
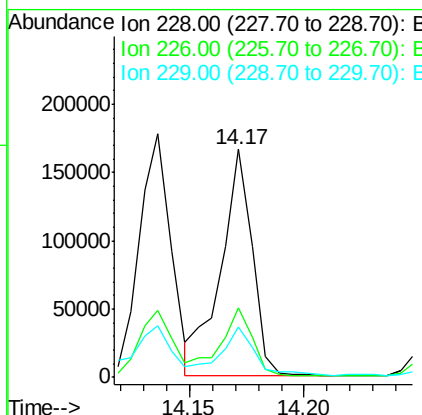
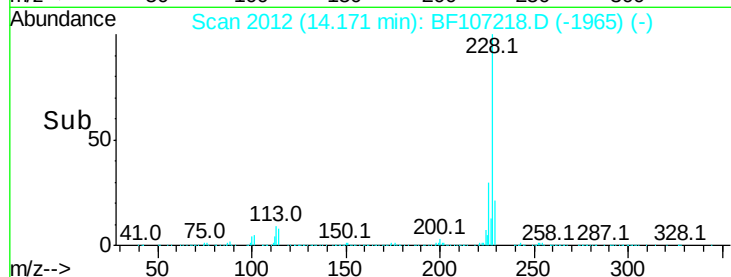
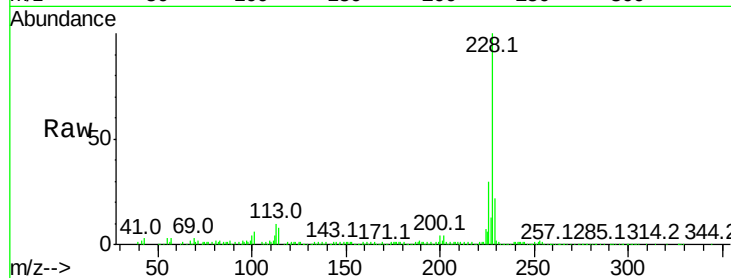
#82
Chrysene
Concen: 24.296 ng/ml
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.0	16.2	24.4

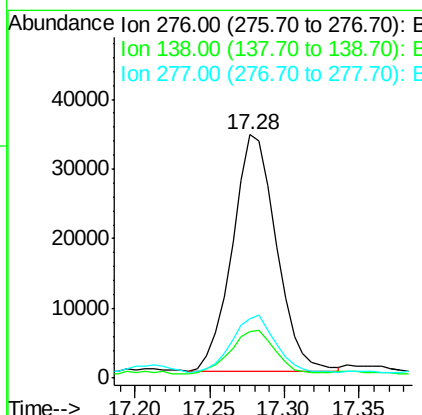
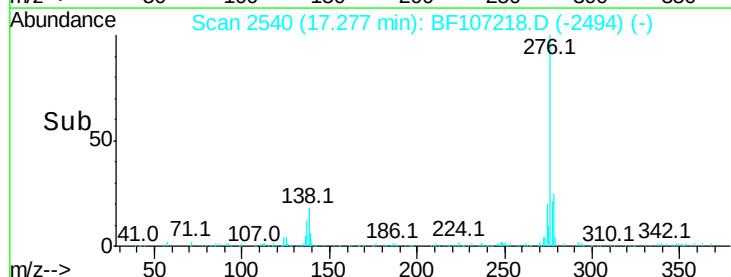
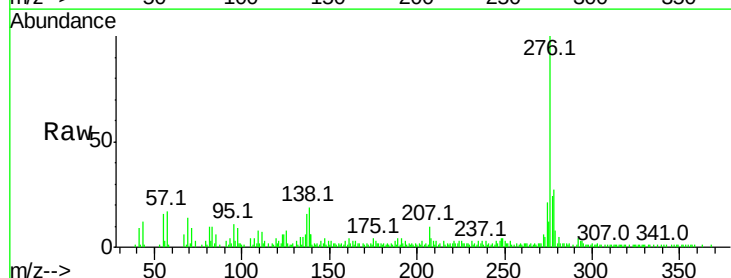
Manual Integrations
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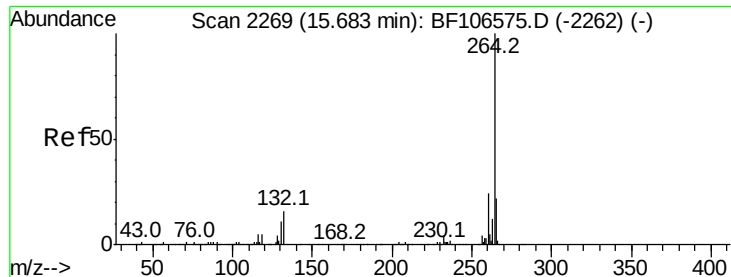
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#85
Indeno(1,2,3-cd)pyrene
Concen: 12.533 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	25.0	37.6#
277	23.5	20.1	30.1





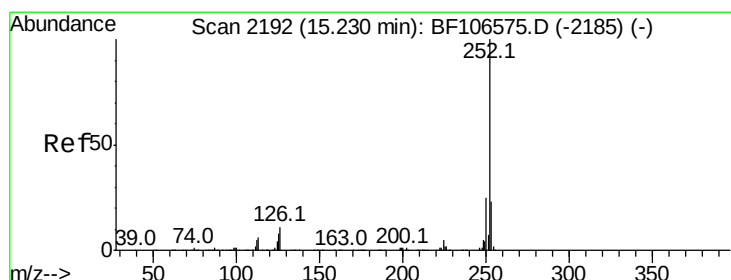
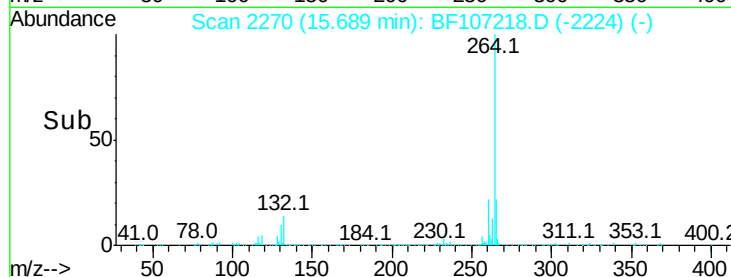
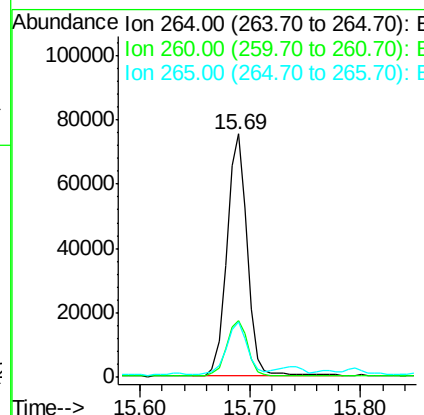
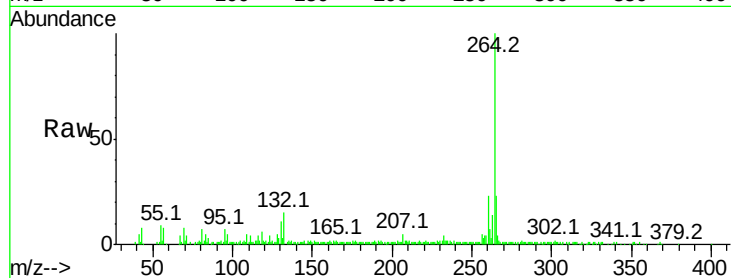
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.0	17.5	26.3

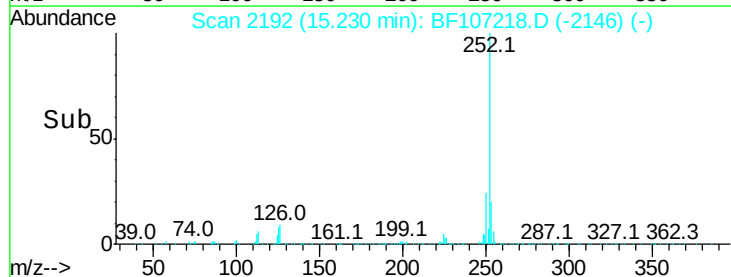
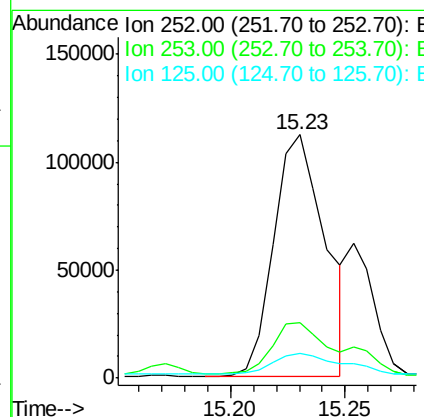
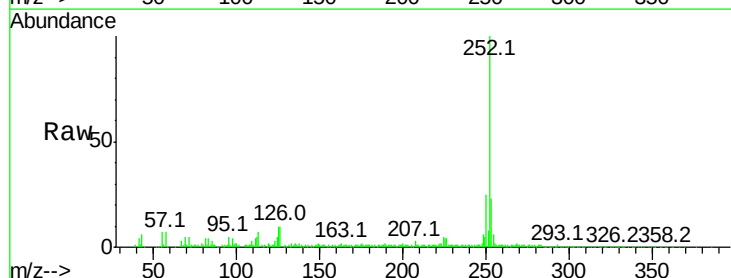
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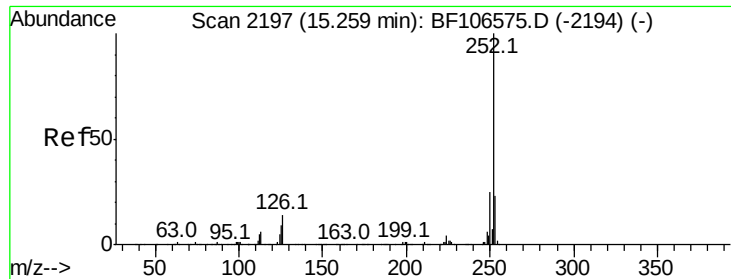
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#87
Benzo(b)fluoranthene
Concen: 29.245 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.0	9.0	13.6





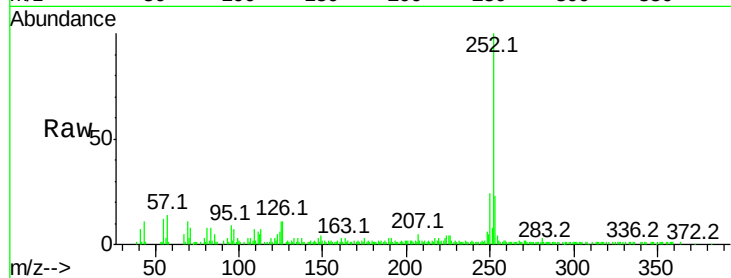
#88
Benzo(k)fluoranthene
Concen: 8.853 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-5

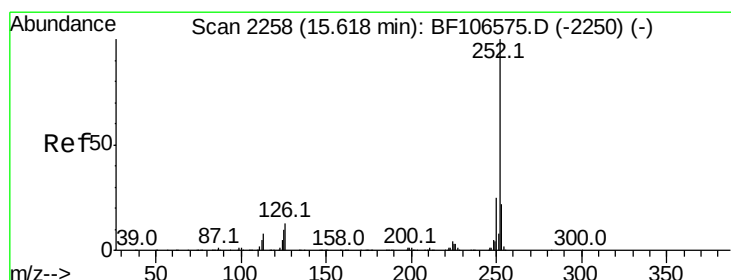
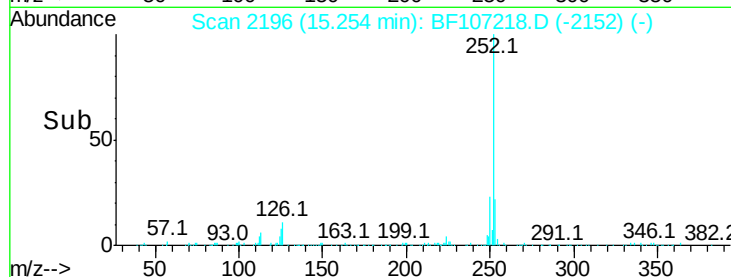
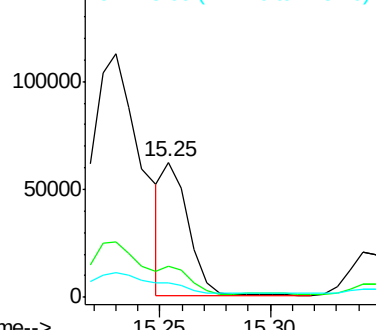
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.1	10.2	15.2

Manual Integrations
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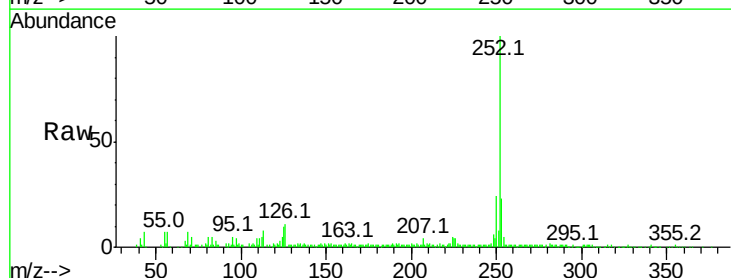


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

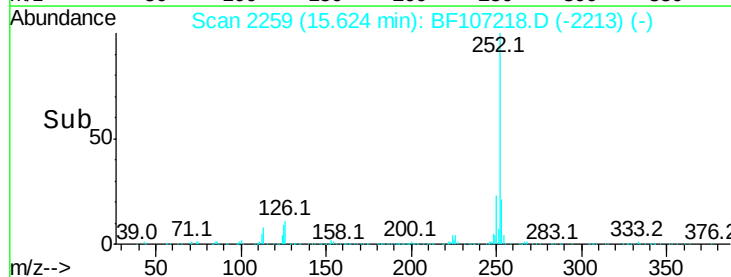
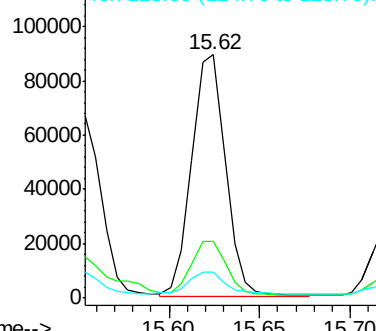


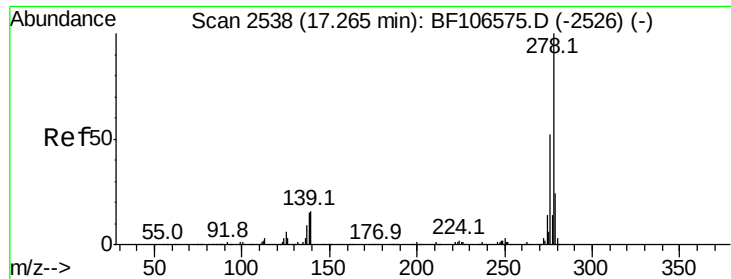
#89
Benzo(a)pyrene
Concen: 21.796 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	10.5	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





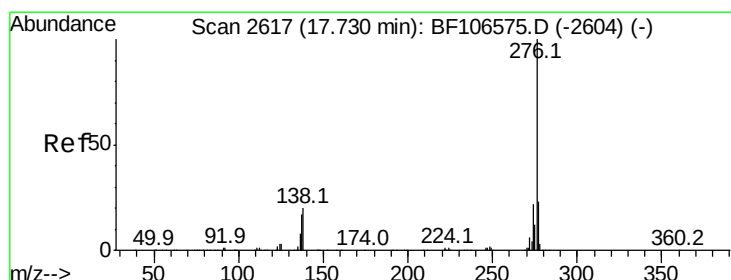
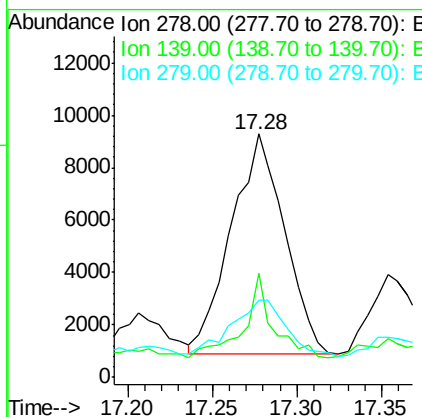
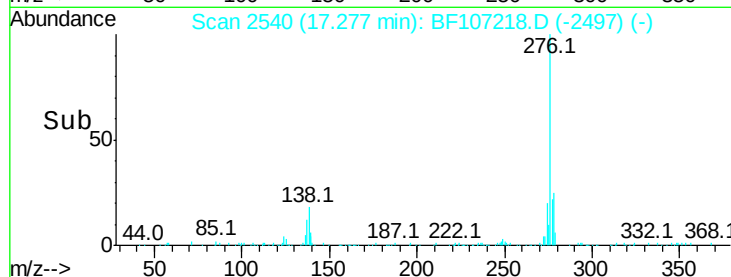
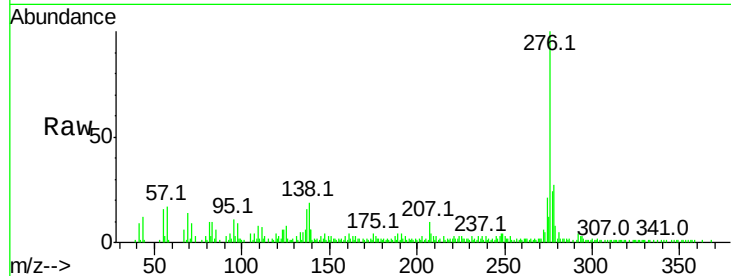
#90
Dibenzo(a,h)anthracene
Concen: 4.049 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-5

Tot Ion	Ratio	Lower	Upper
278	100		
139	42.7	15.9	23.9#
279	31.5	19.0	28.4#

Manual Integrations
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7/9/2018 2:06:57 PM



#91
Benzo(g,h,i)perylene
Concen: 15.010 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107218.D
Acq: 7 Jul 2018 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	21.4	21.8	32.8#

