

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107217.D
 Acq On : 7 Jul 2018 19:58
 Operator : JU/SJ
 Sample : J3880-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-16

Manual Integrations
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 7/9/2018 2:06:55 PM

Quant Time: Jul 09 05:06:02 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	43182	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	147803	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	66903	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	133652	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	98142	20.00	ng	-0.02
86) Perylene-d12	15.69	264	75847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	246069	96.49	ng	0.00
7) Phenol-d6	6.60	99	291111	91.41	ng	-0.02
23) Nitrobenzene-d5	7.51	82	163115	61.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	73917	95.32	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	309414	76.87	ng	-0.02
78) Terphenyl-d14	13.07	244	376433	92.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	77507	15.446	ng	Qvalue 98
70) Phenanthrene	11.51	178	41933	6.505	ng	98
71) Anthracene	11.57	178	16186	2.460	ng	96
74) Fluoranthene	12.71	202	110854	15.602	ng	96
77) Pyrene	12.94	202	107930	16.677	ng	98
80) Benzo(a)anthracene	14.13	228	49490	8.274	ng	97
82) Chrysene	14.17	228	47293	8.594	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	24435	5.232	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	56910m	12.079	ng	
88) Benzo(k)fluoranthene	15.25	252	13713m	3.056	ng	
89) Benzo(a)pyrene	15.62	252	35494	8.474	ng	# 89
91) Benzo(a,h,i)perylene	17.77	276	24842	7.160	ng	# 90

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

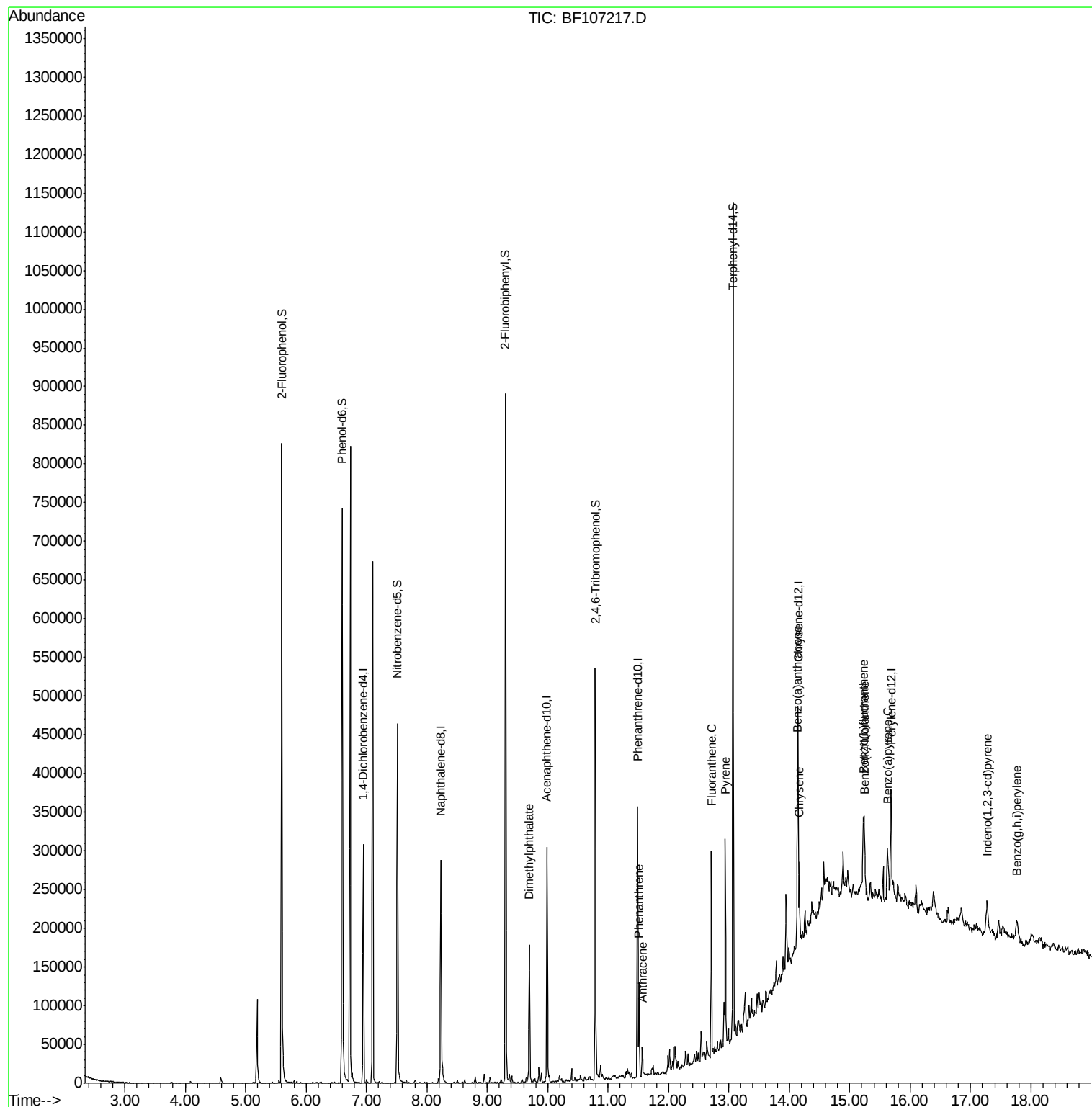
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

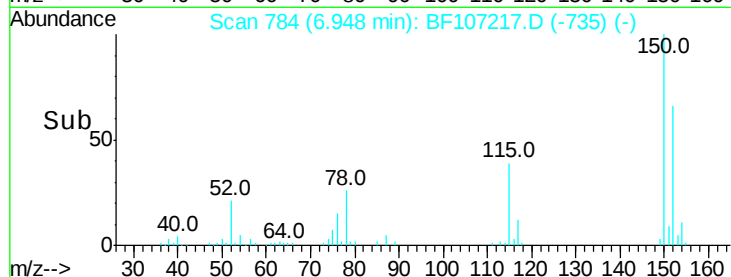
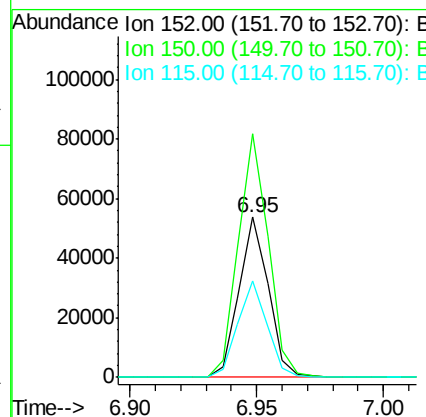
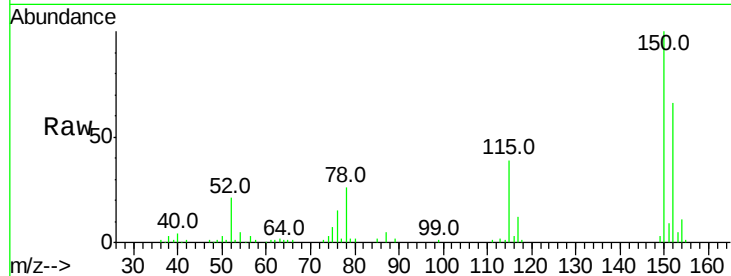
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	60.0	50.1	75.1

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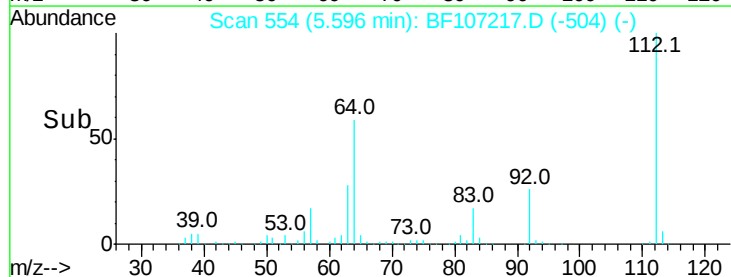
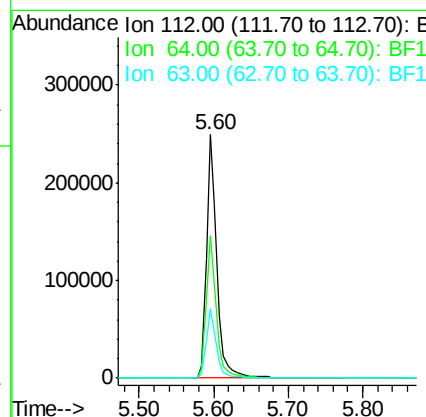
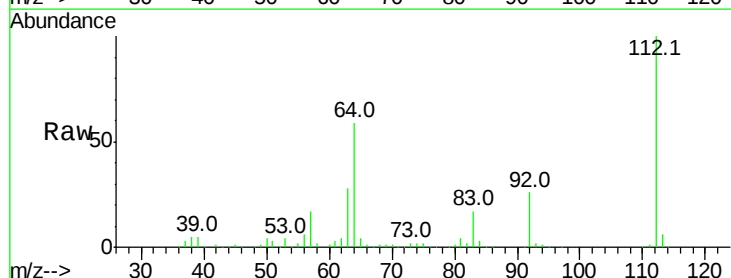
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#5

2-Fluorophenol
Concen: 96.492 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 91.411 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107217.D

Acq: 7 Jul 2018 19:58

Instrument :

BNA_F

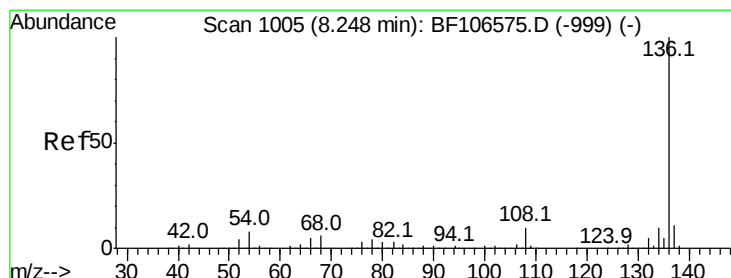
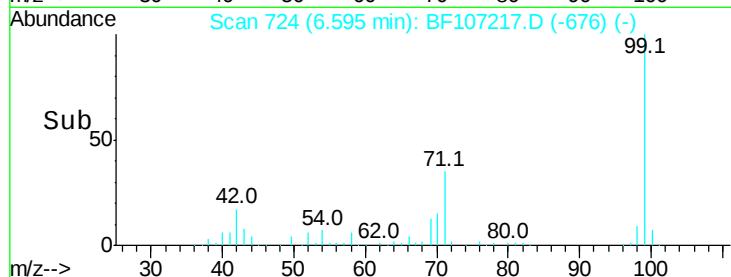
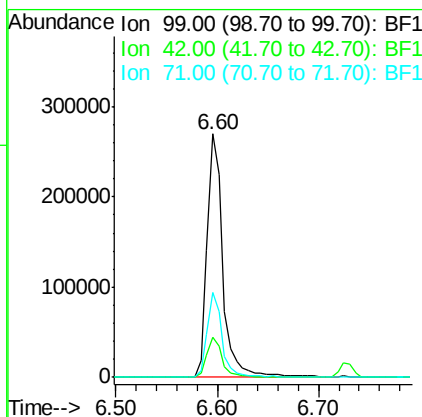
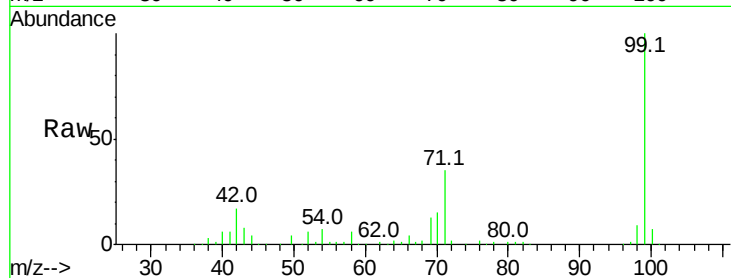
ClientSampleId :

SURCHARGE-SP-16

Tot Ion:	99	Resp:	291111
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.5	21.7
71	34.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

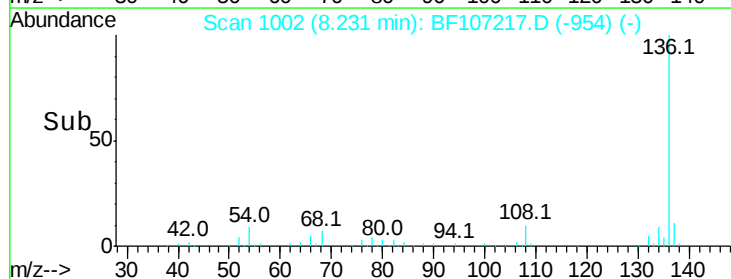
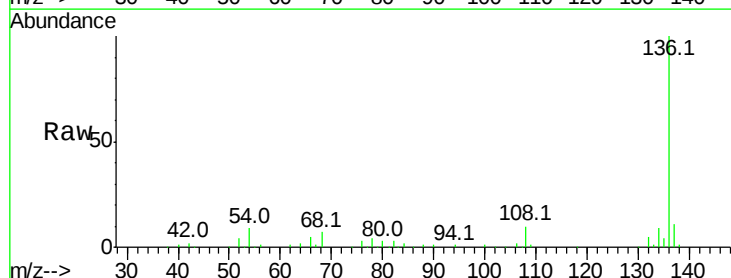
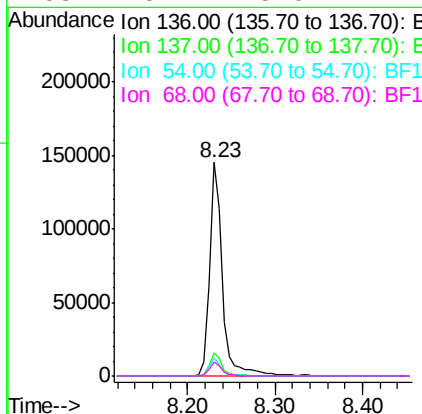
RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107217.D

Acq: 7 Jul 2018 19:58

Tgt Ion:	136	Resp:	147803
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4





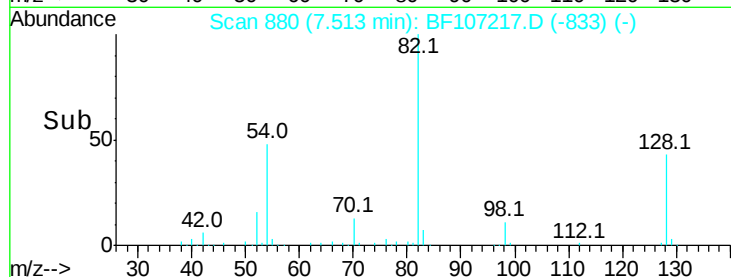
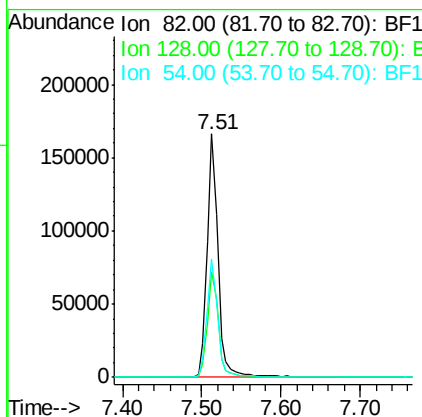
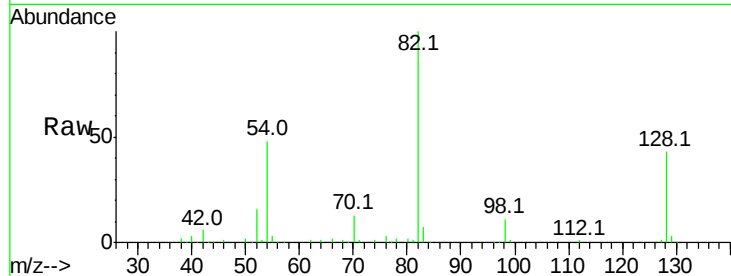
#23
 Nitrobenzene-d5
 Concen: 61.331 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107217.D
 Acq: 7 Jul 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-16

Tot Ion	Ratio	Resp	Lower	Upper
82	100	163115		
128	43.3	36.1	54.1	
54	48.4	41.4	62.2	

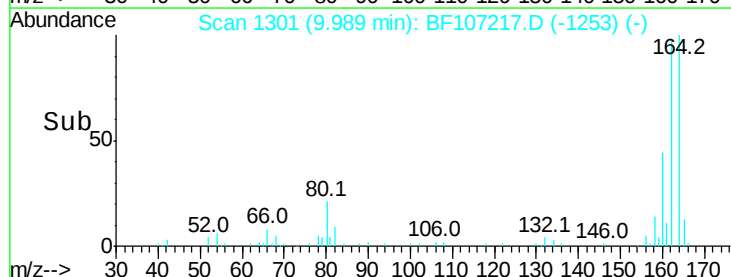
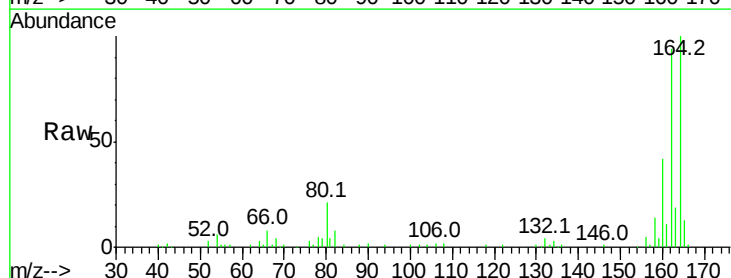
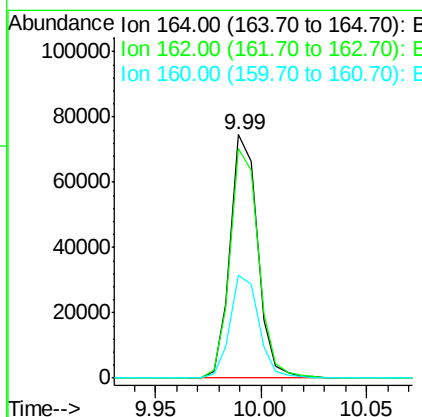
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107217.D
 Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66903		
162	94.1	86.1	129.1	
160	42.5	38.3	57.5	





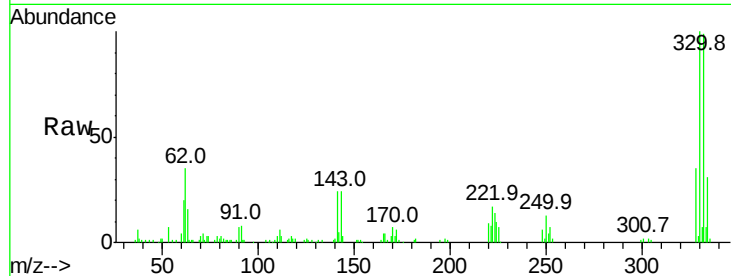
#41
 2,4,6-Tribromophenol
 Concen: 95.325 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107217.D
 Acq: 7 Jul 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-16

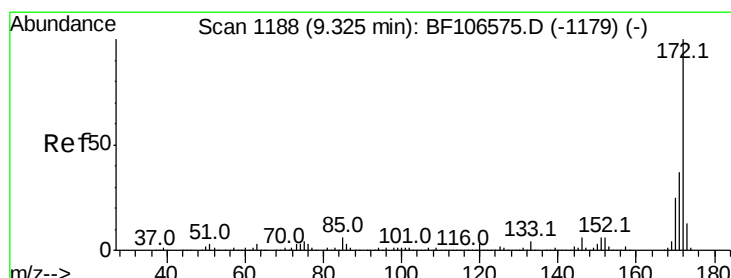
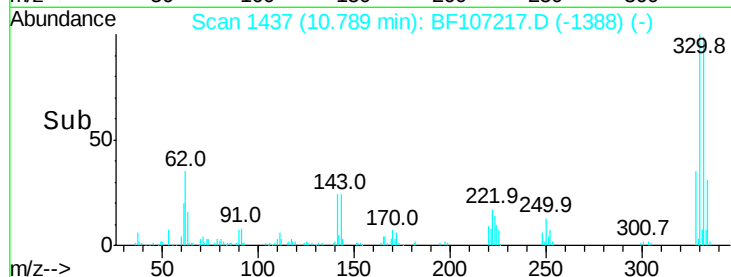
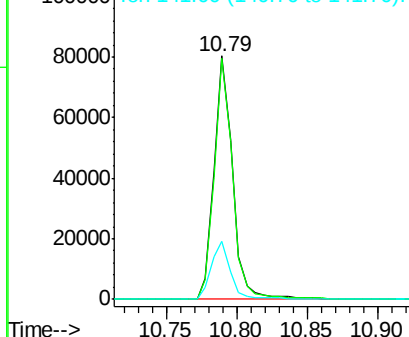
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	24.6	29.9	44.9#

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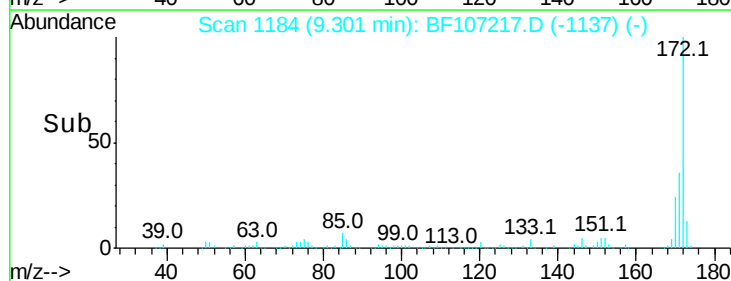
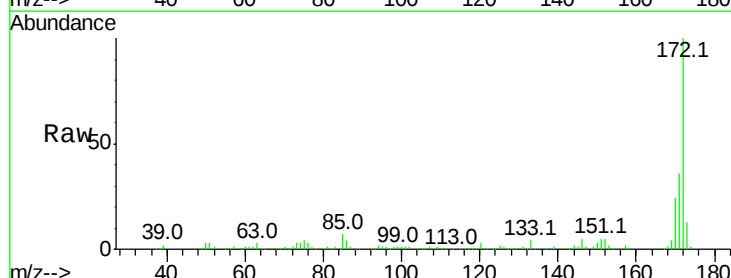
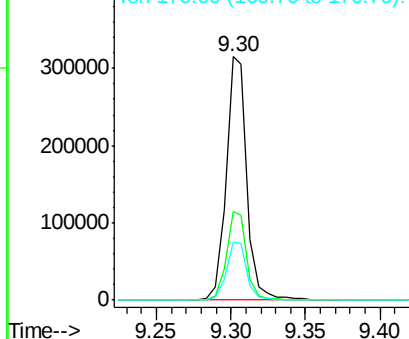
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.870 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107217.D
 Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	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





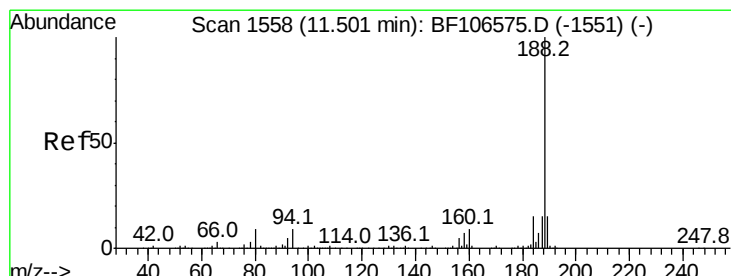
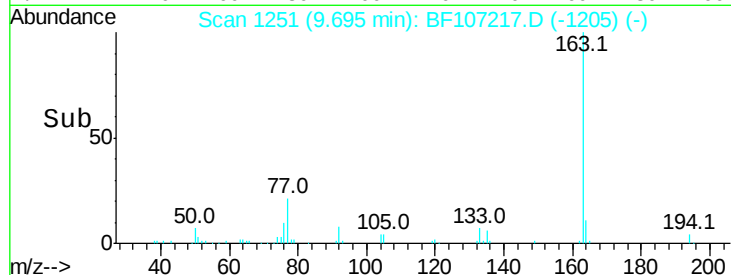
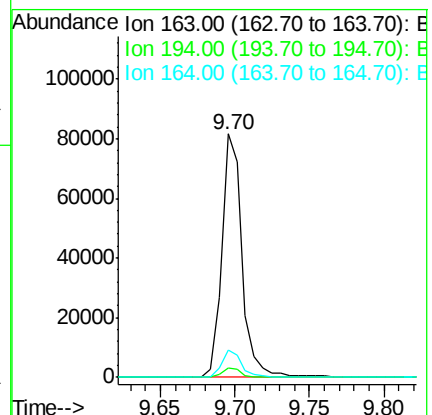
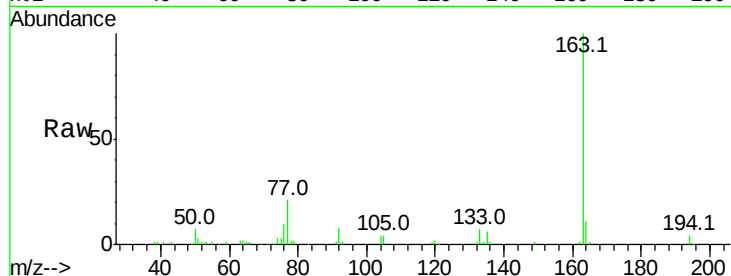
#49
Dimethylphthalate
Concen: 15.446 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2

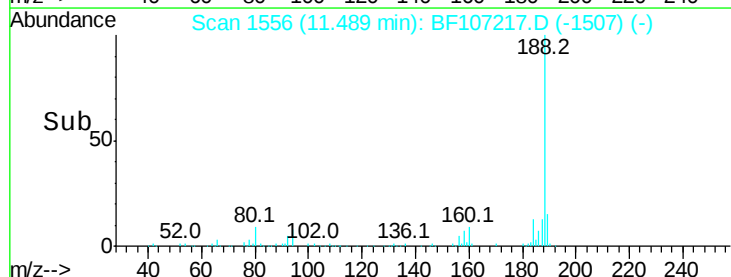
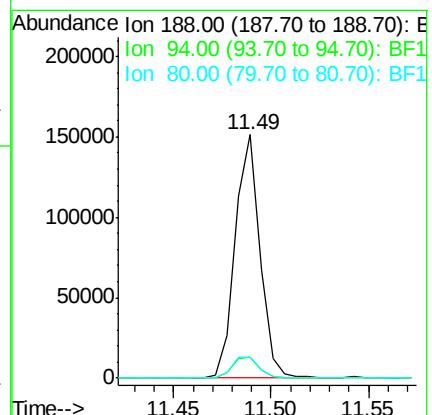
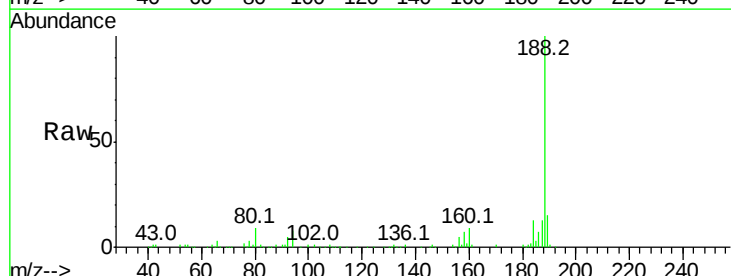
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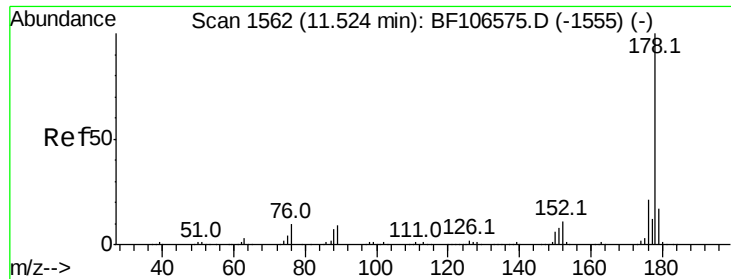
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.6	9.2	13.8#





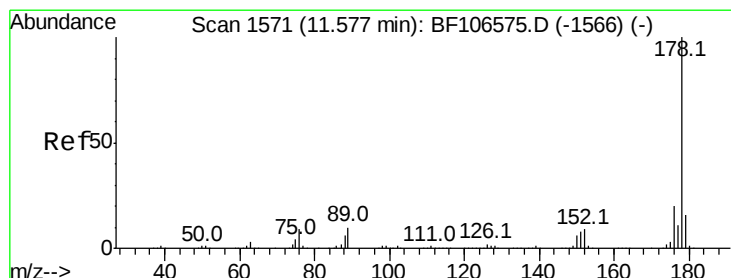
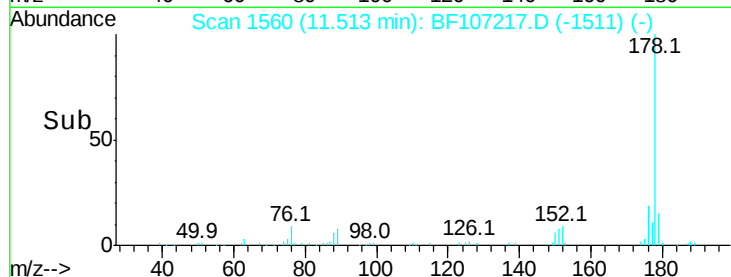
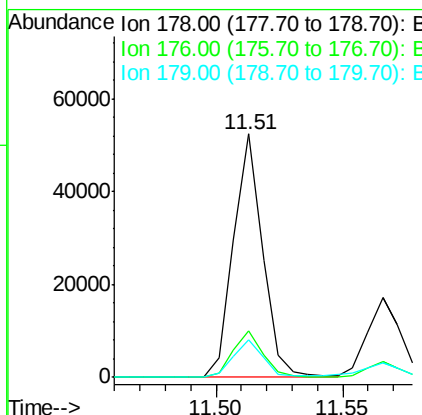
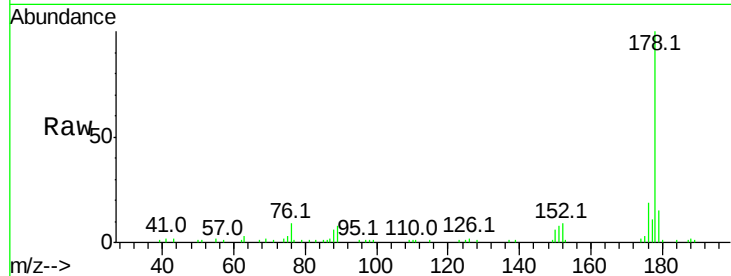
#70
Phenanthrene
Concen: 6.505 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

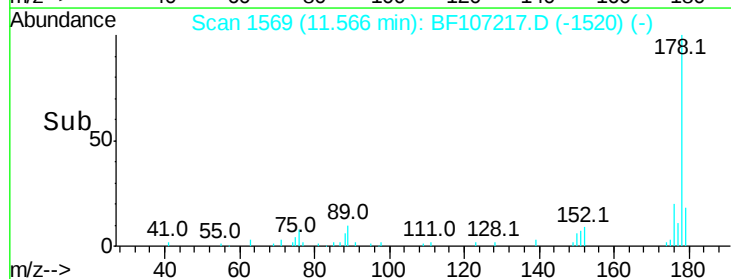
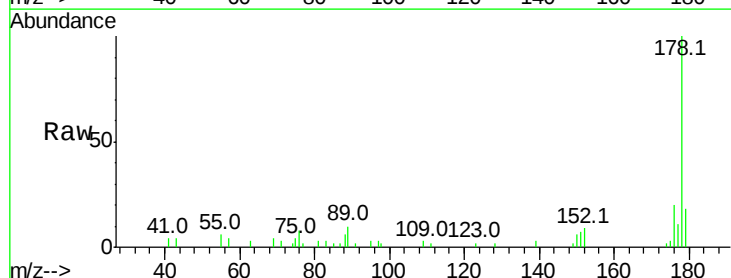
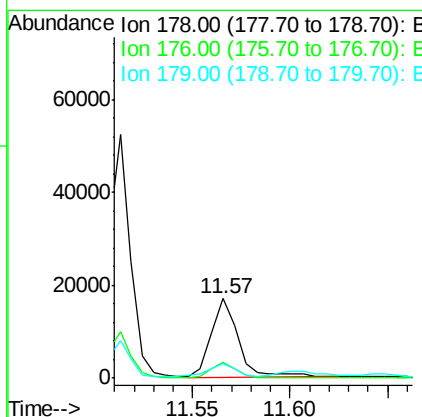
Manual Integrations
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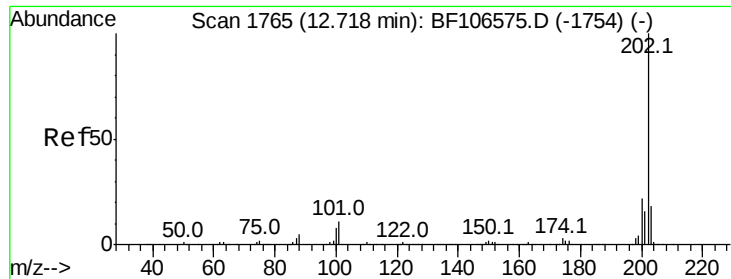
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#71
Anthracene
Concen: 2.460 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	18.1	12.6	19.0





#74

Fluoranthene

Concen: 15.602 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107217.D

Acq: 7 Jul 2018 19:58

Instrument :

BNA_F

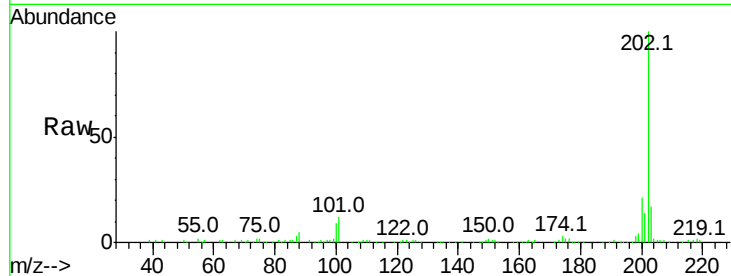
ClientSampleId :

SURCHARGE-SP-16

Tot Ion:	202	Resp:	110854
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	34.1
203	16.6	0.0	38.1

Manual Integrations
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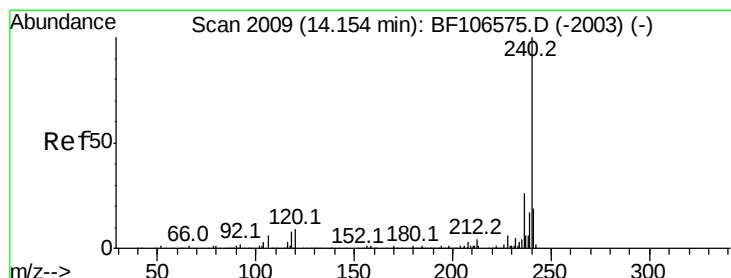
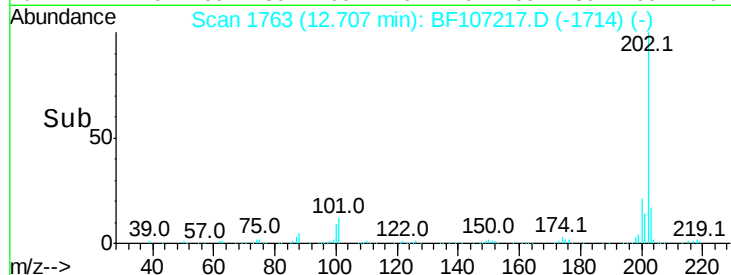
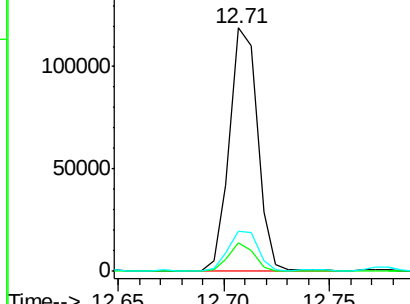
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107217.D

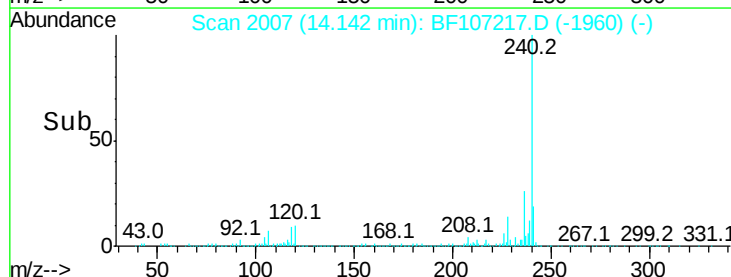
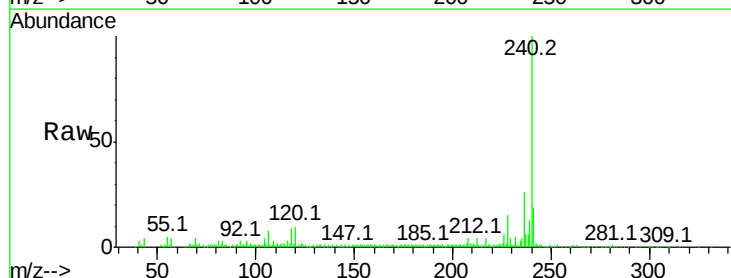
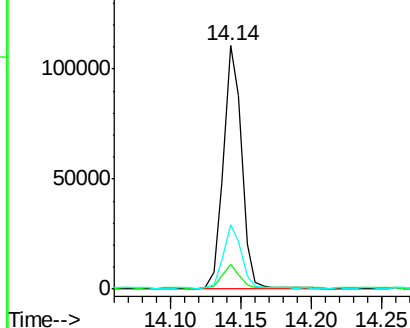
Acq: 7 Jul 2018 19:58

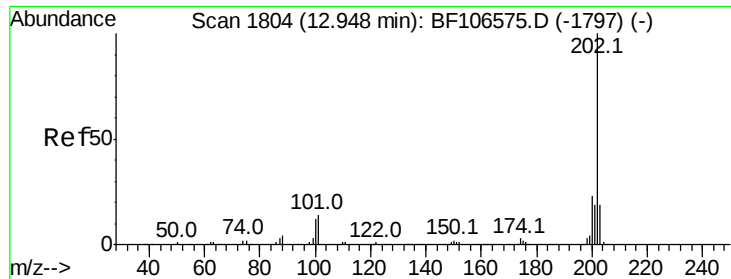
Tgt Ion:	240	Resp:	98142
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	26.4	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





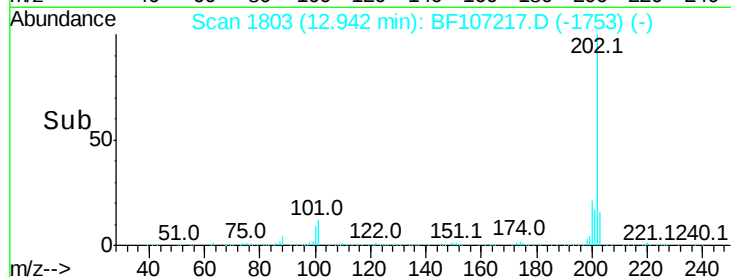
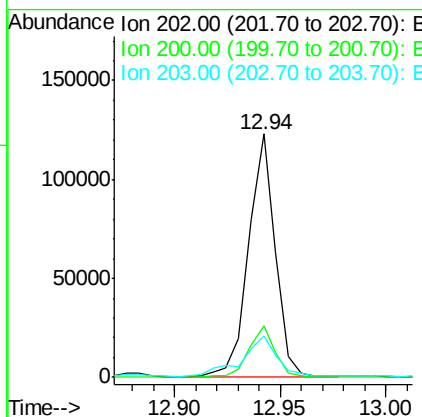
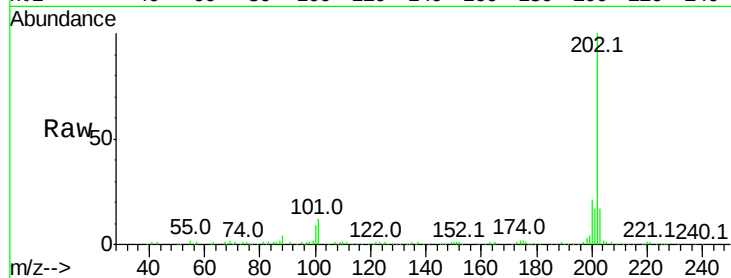
#77
Pvrene
Concen: 16.677 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.0	14.3	21.5

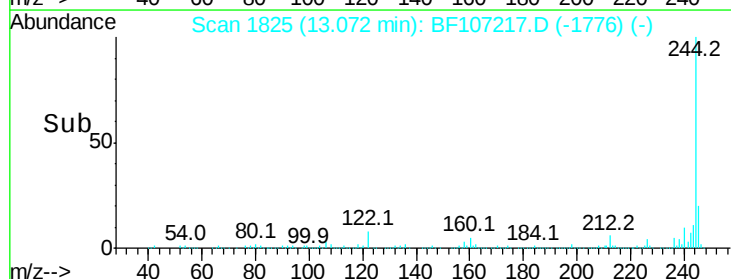
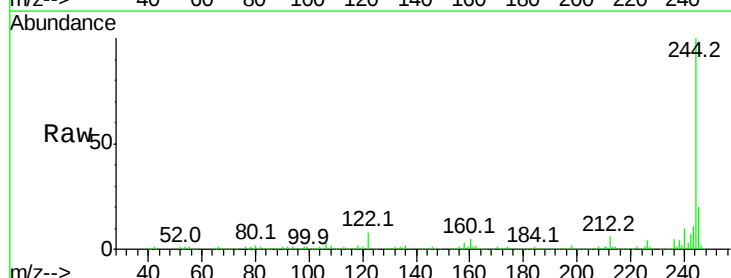
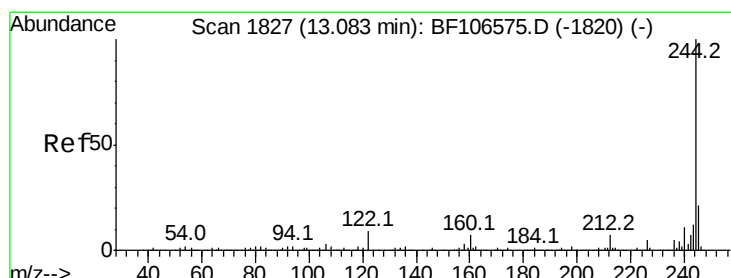
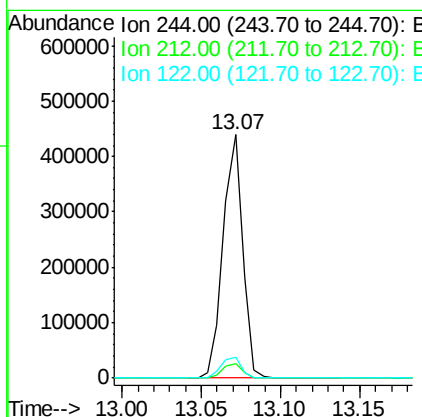
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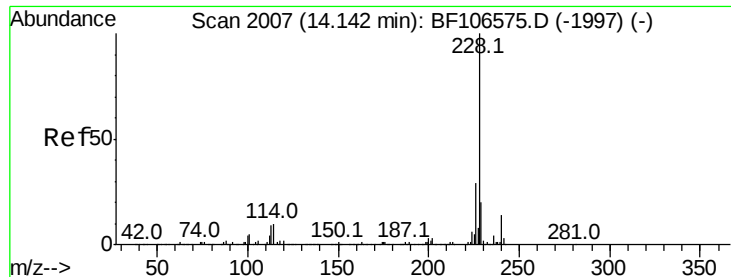
Sohil
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#78
Terphenyl-d14
Concen: 92.910 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.1	5.4	8.0
122	8.4	11.0	16.4#





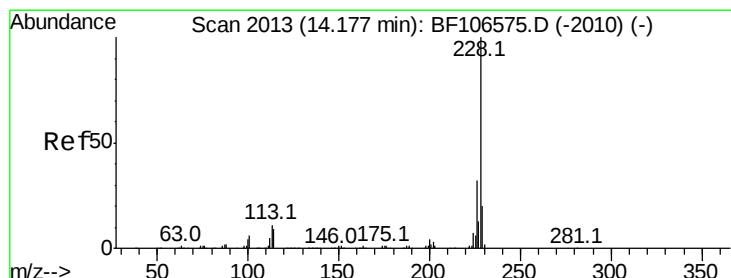
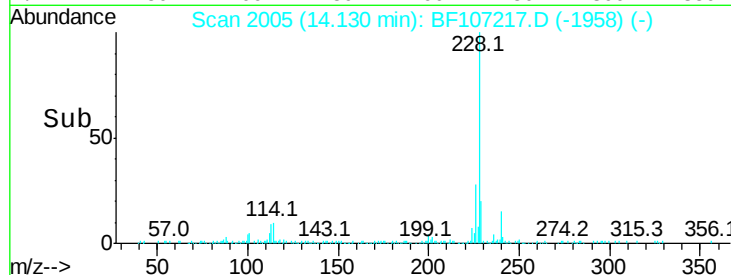
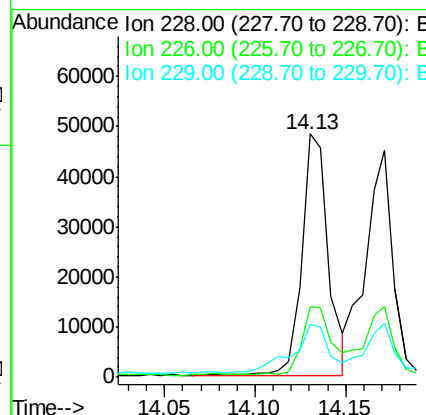
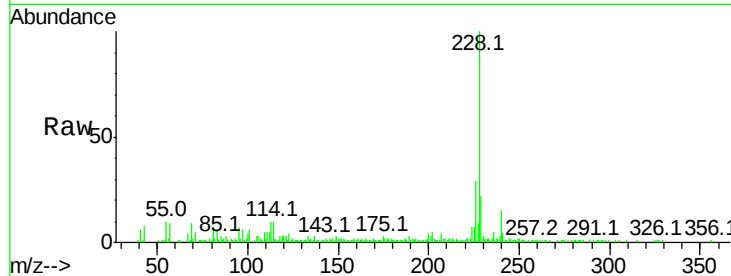
#80
Benzo(a)anthracene
Concen: 8.274 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.6	15.8	23.6

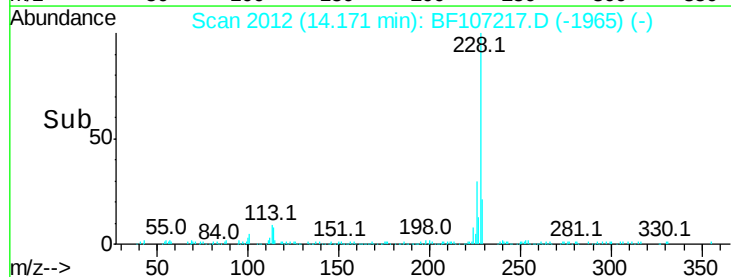
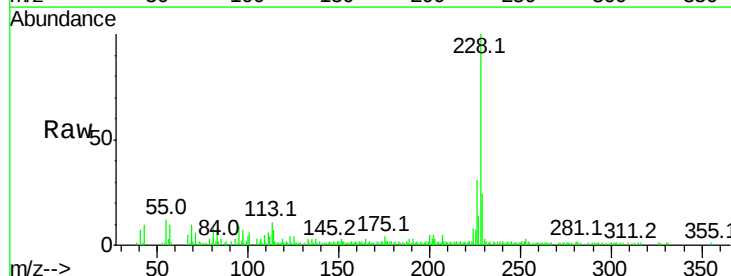
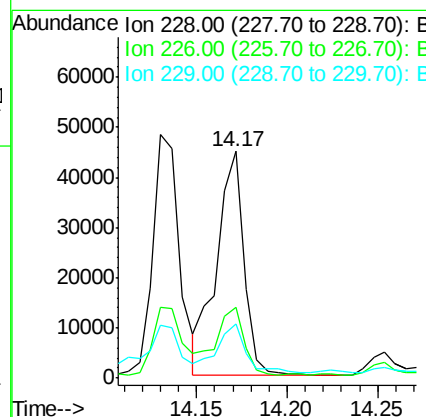
Manual Integrations
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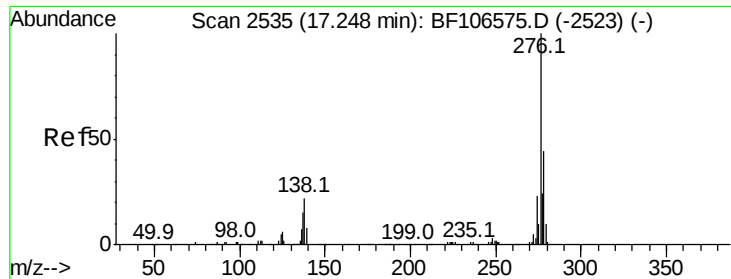
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#82
Chrysene
Concen: 8.594 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.7	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.232 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF107217.D

Acq: 7 Jul 2018 19:58

Instrument :

BNA_F

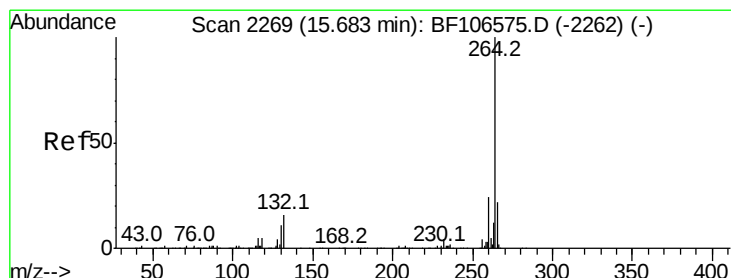
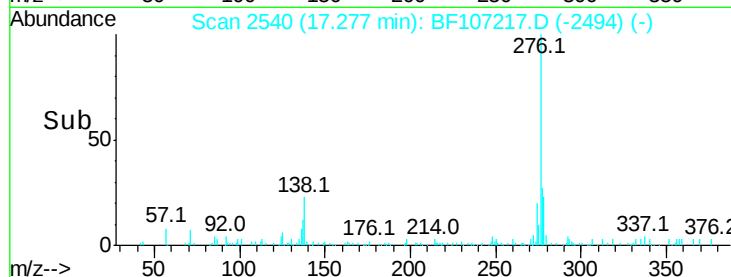
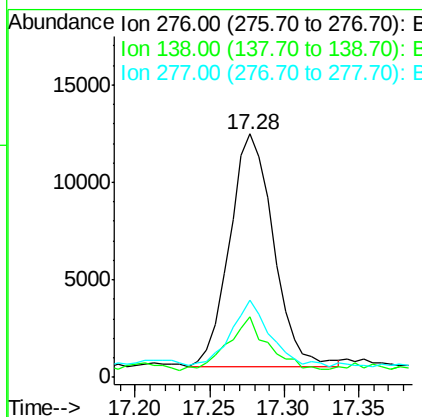
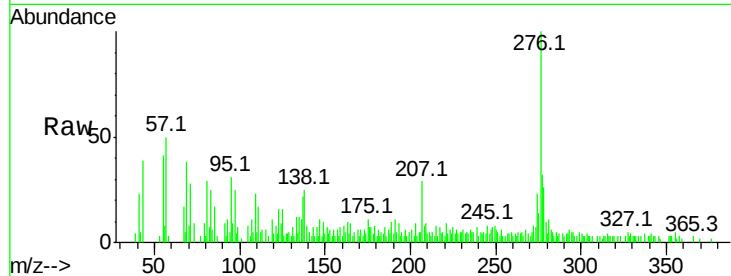
ClientSampleId :

SURCHARGE-SP-16

Tot Ion:	276	Resp:	24435
Ion Ratio	Lower	Upper	
276	100		
138	21.0	25.0	37.6#
277	25.8	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

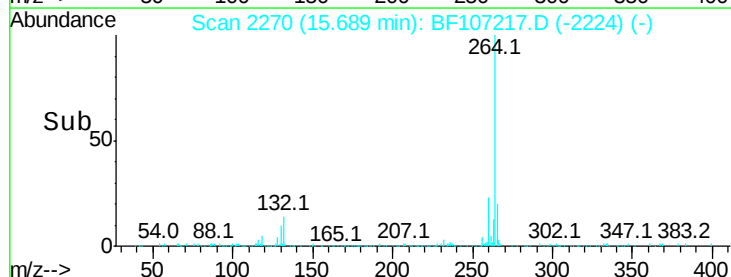
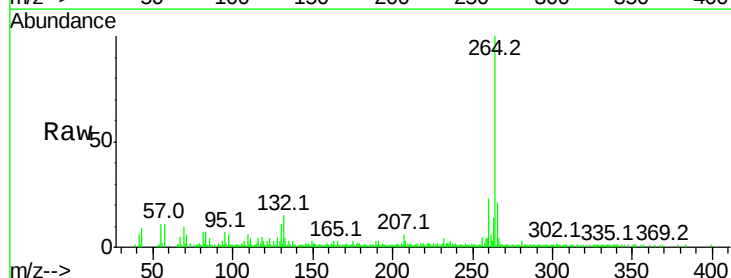
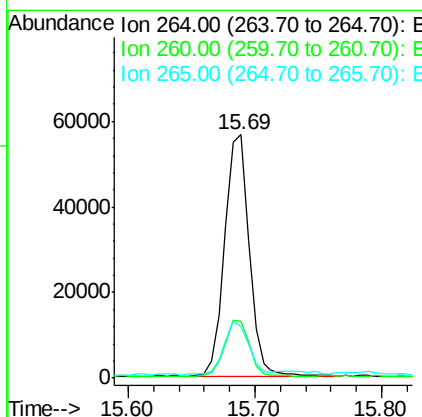
RT: 15.69 min Scan# 2270

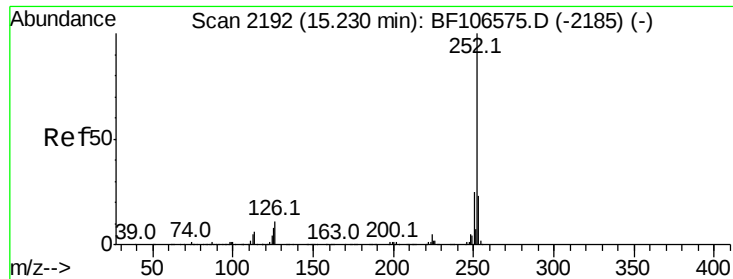
Delta R.T. -0.03 min

Lab File: BF107217.D

Acq: 7 Jul 2018 19:58

Tgt Ion:	264	Resp:	75847
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 12.079 ng m

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107217.D

Acq: 7 Jul 2018 19:58

Instrument :

BNA_F

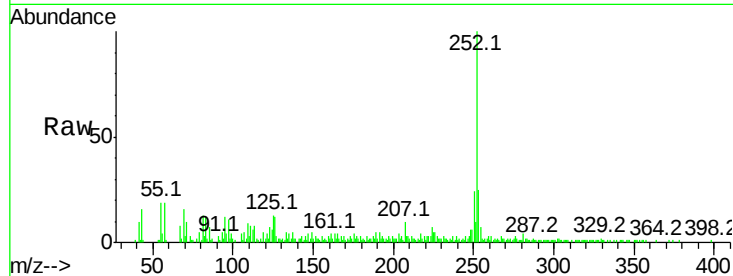
ClientSampleId :

SURCHARGE-SP-16

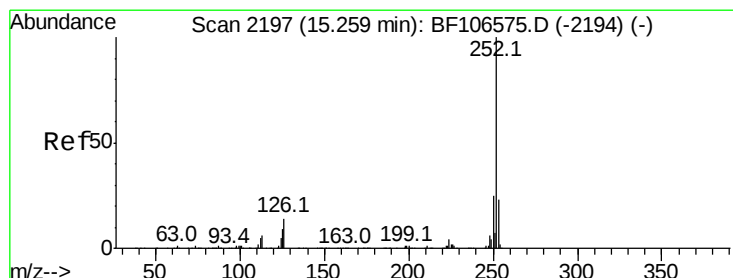
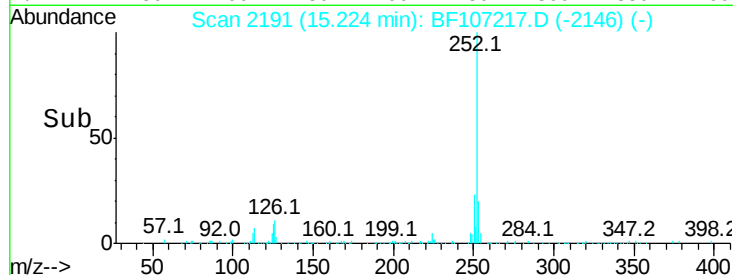
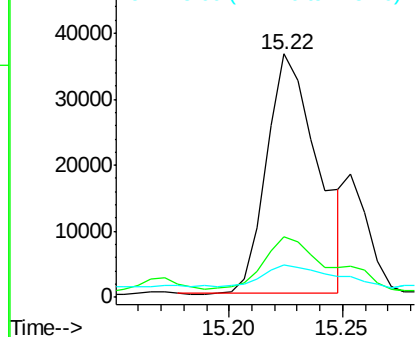
Tot Ion:	252	Resp:	56910
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.0	25.6
125	13.5	9.0	13.6

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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



#88

Benzo(k)fluoranthene

Concen: 3.056 ng m

RT: 15.25 min Scan# 2196

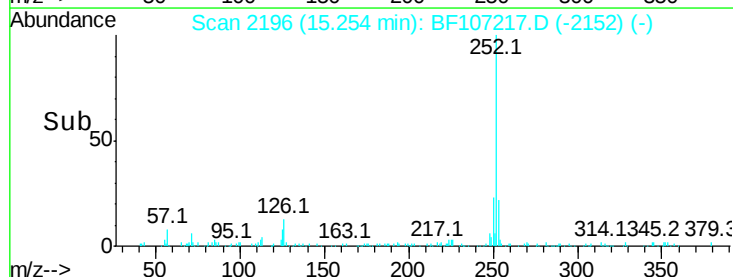
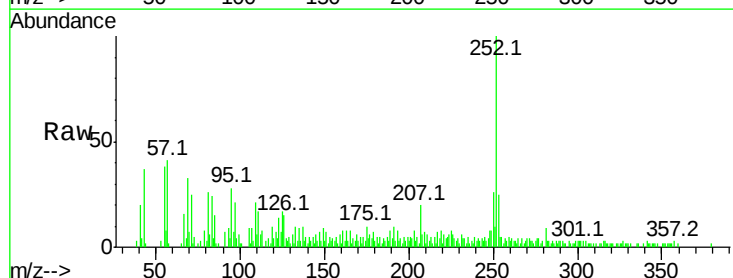
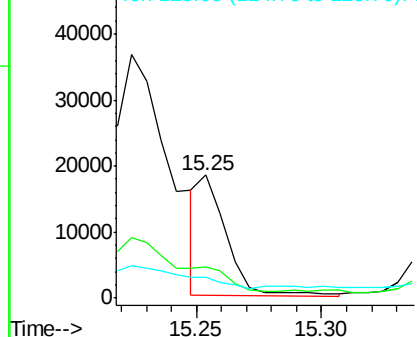
Delta R.T. -0.04 min

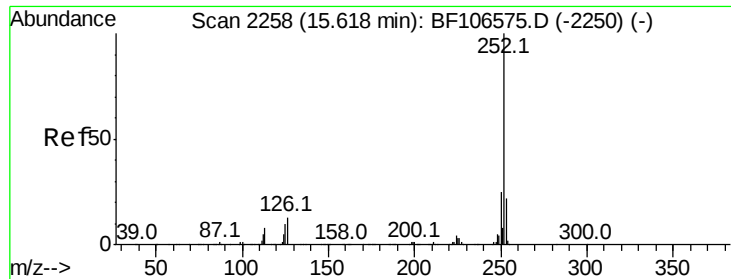
Lab File: BF107217.D

Acq: 7 Jul 2018 19:58

Tgt Ion:	252	Resp:	13713
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.9	26.9
125	16.8	10.2	15.2#

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





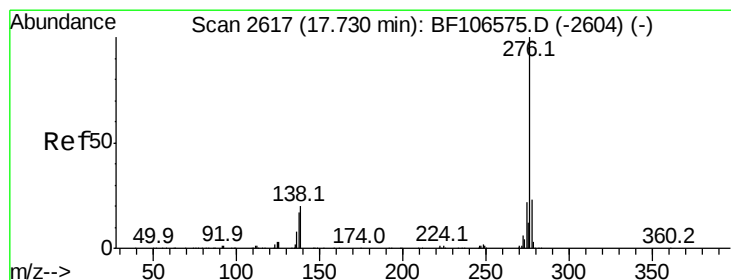
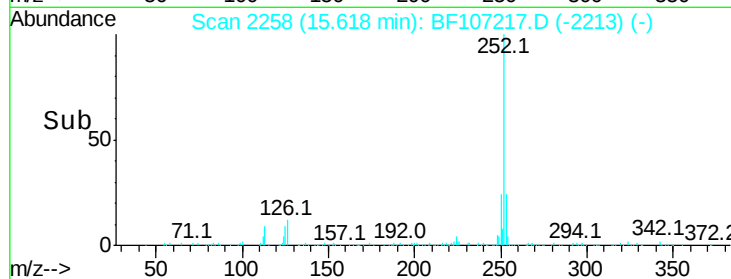
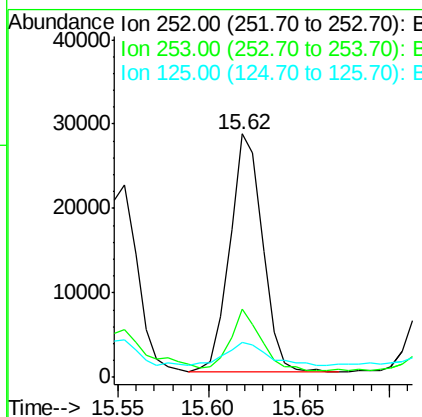
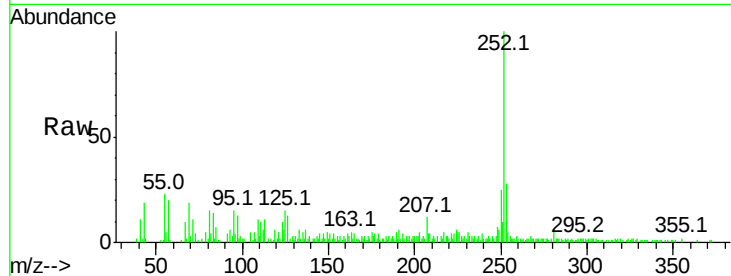
#89
Benzo(a)pyrene
Concen: 8.474 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.1	25.7#
125	14.6	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.160 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	24.7	21.8	32.8

