

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107244.D
 Acq On : 9 Jul 2018 22:08
 Operator : JU/SJ
 Sample : J3880-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-11

Manual Integrations
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 7/10/2018 2:47:01 PM

Quant Time: Jul 10 05:06:10 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	29876	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	106180	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	48738	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	96981	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	72020	20.00	ng	-0.02
86) Perylene-d12	15.69	264	52722	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	187490	106.27	ng	-0.01
7) Phenol-d6	6.60	99	227114	103.08	ng	-0.02
23) Nitrobenzene-d5	7.51	82	127010	66.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	60898	107.81	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	247386	86.11	ng	-0.02
78) Terphenyl-d14	13.07	244	304231	102.32	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	5213	2.073	ng	Qvalue # 45
49) Dimethylphthalate	9.70	163	55228	15.109	ng	99
70) Phenanthrene	11.51	178	76719	16.401	ng	98
71) Anthracene	11.57	178	23954	5.017	ng	97
74) Fluoranthene	12.71	202	166553	32.305	ng	95
77) Pyrene	12.95	202	150740	31.740	ng	99
80) Benzo(a)anthracene	14.14	228	72191	16.447	ng	98
82) Chrysene	14.18	228	65689	16.267	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	7038	2.819	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.29	276	28757	8.391	ng	# 85
87) Benzo(b)fluoranthene	15.23	252	71237m	21.751	ng	
88) Benzo(k)fluoranthene	15.26	252	18424m	5.907	ng	
89) Benzo(a)pyrene	15.63	252	45248	15.541	ng	94
90) Dibenzo(a,h)anthracene	17.29	278	8181	3.316	ng	# 68
91) Benzo(a,h,i)perylene	17.79	276	29199	12.107	ng	# 90

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

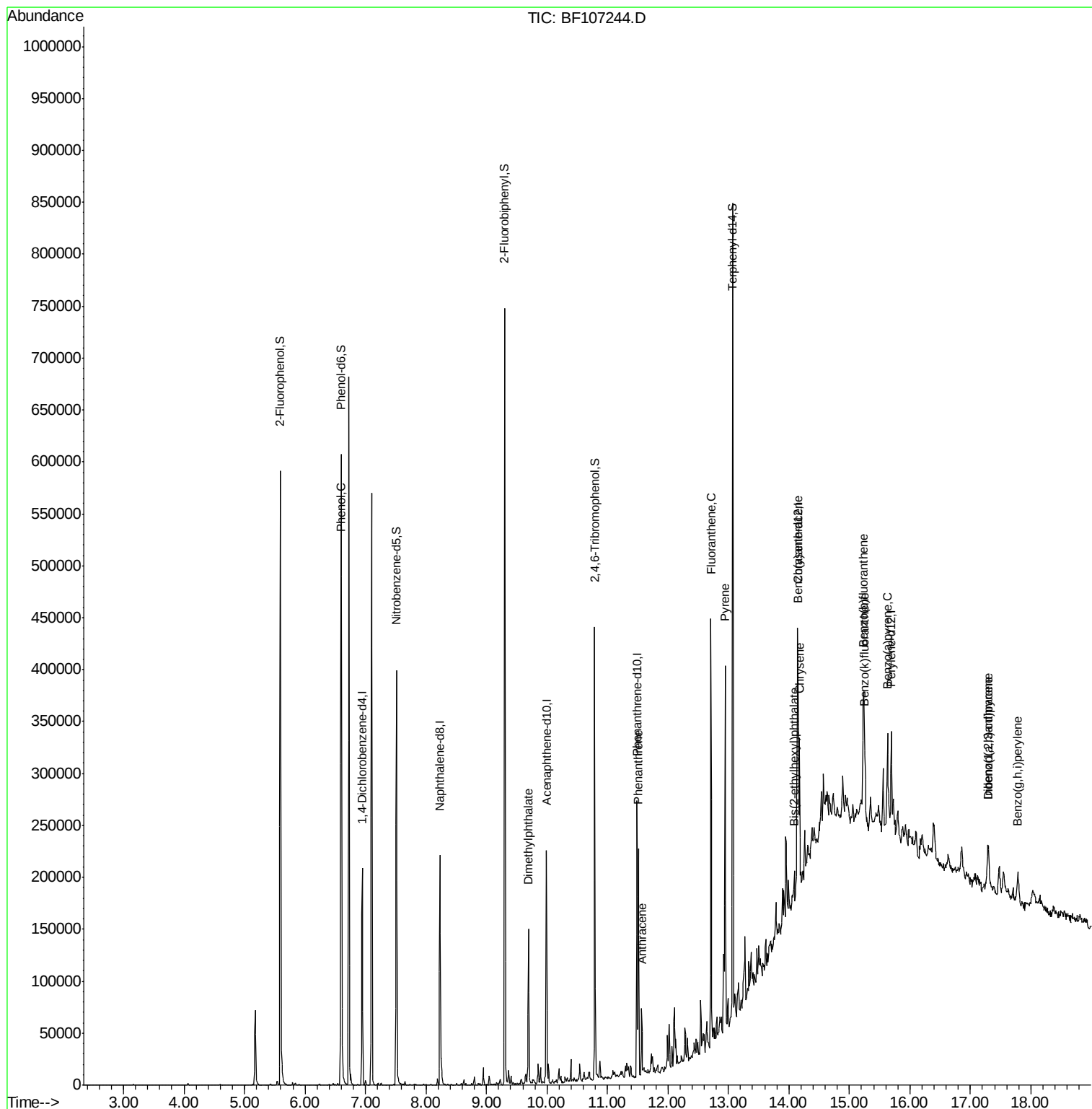
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

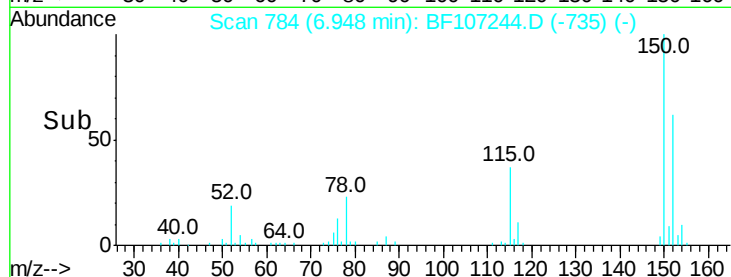
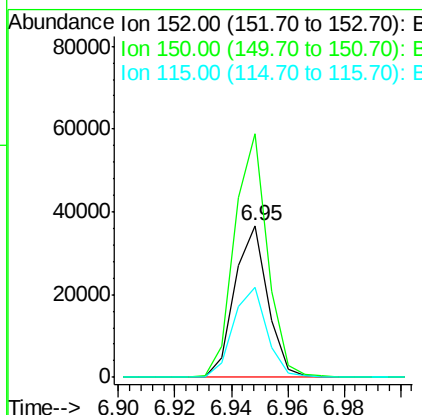
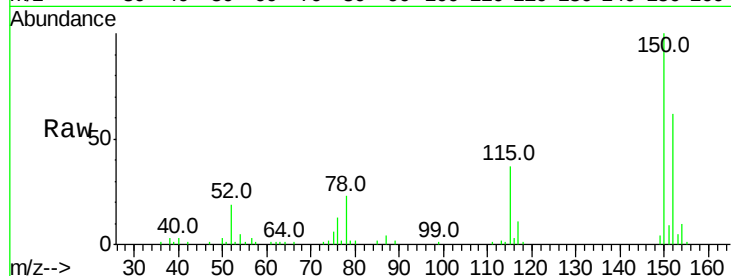
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	59.2	50.1	75.1

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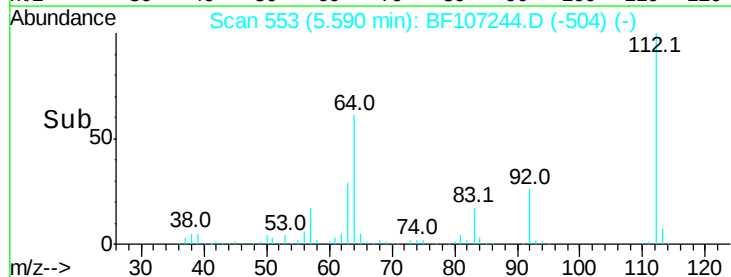
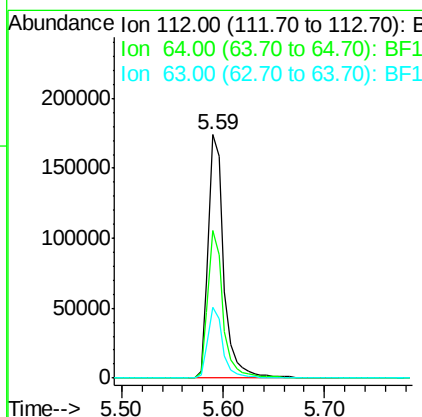
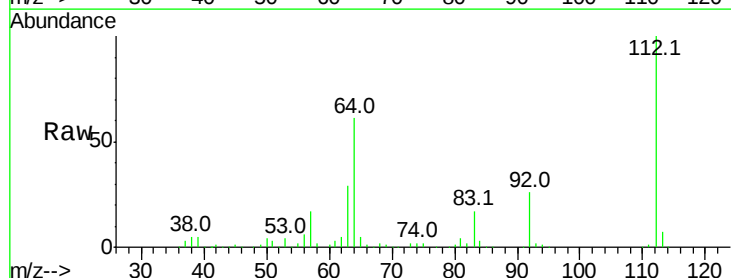
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#5

2-Fluorophenol
Concen: 106.266 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 103.078 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107244.D

Acq: 9 Jul 2018 22:08

Instrument :

BNA_F

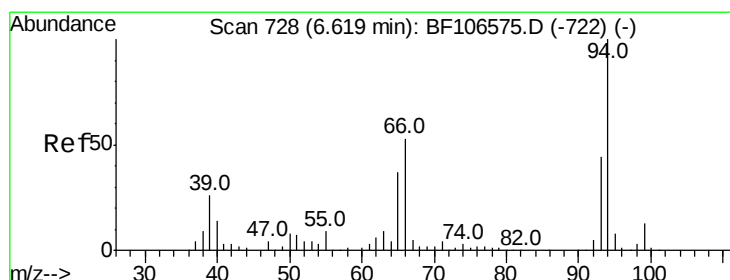
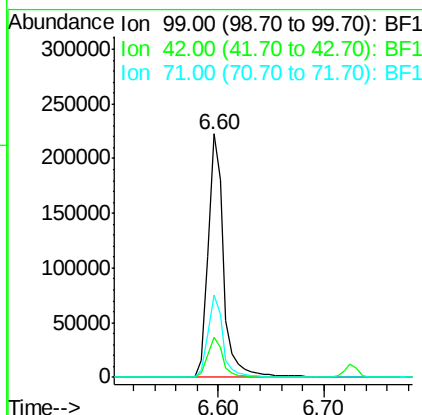
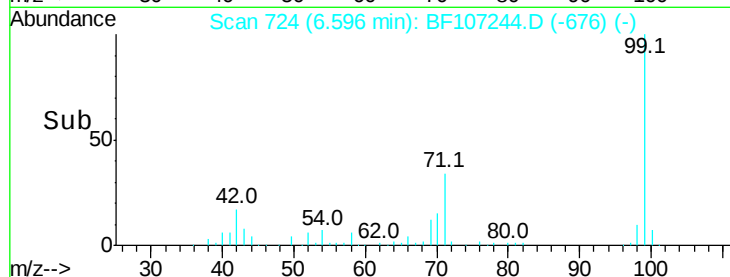
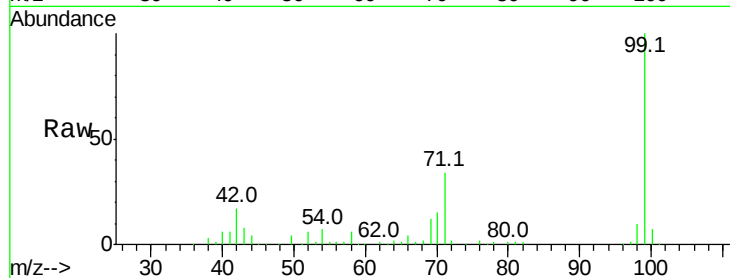
ClientSampleId :

SURCHARGE-SP-11

Tot Ion:	99	Resp:	227114
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	33.6	25.4	38.0

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#10

Phenol

Concen: 2.073 ng

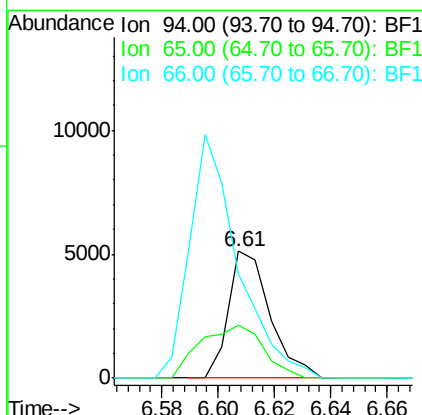
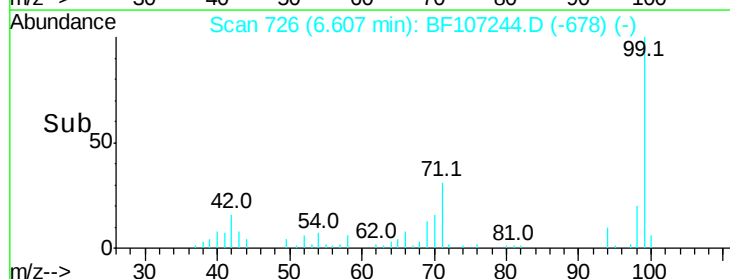
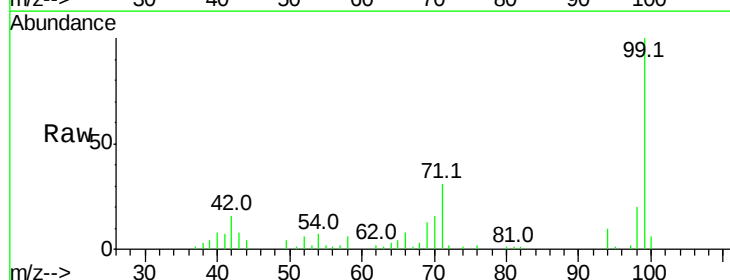
RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107244.D

Acq: 9 Jul 2018 22:08

Tgt Ion:	94	Resp:	5213
Ion	Ratio	Lower	Upper
94	100		
65	41.6	7.9	47.9
66	81.6	16.2	56.2#





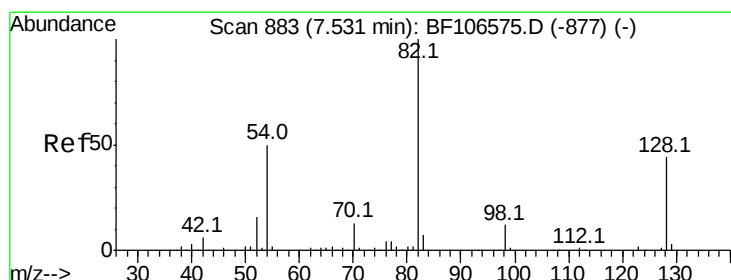
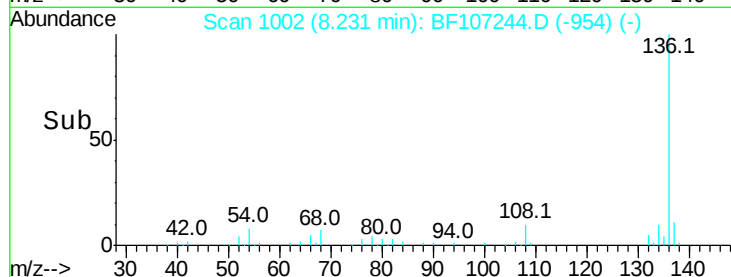
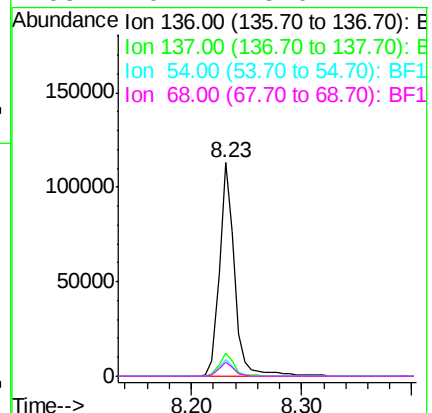
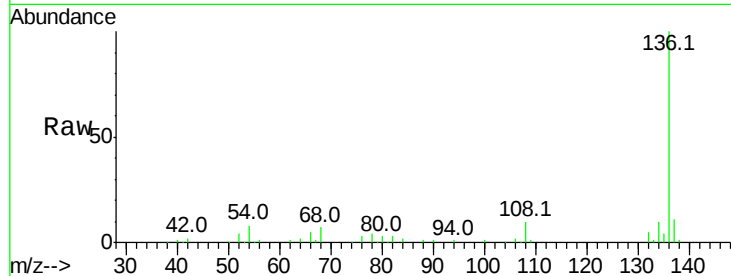
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.0	6.6	9.8	
68	6.7	5.0	7.4	

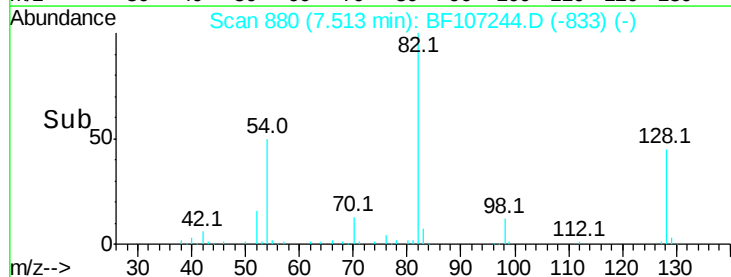
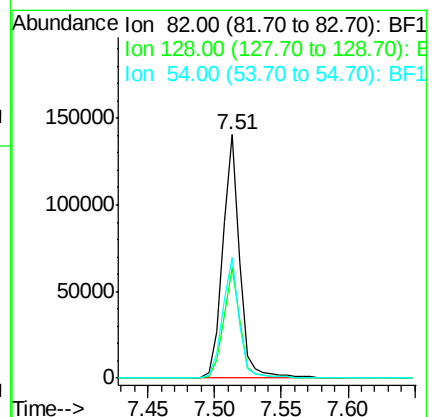
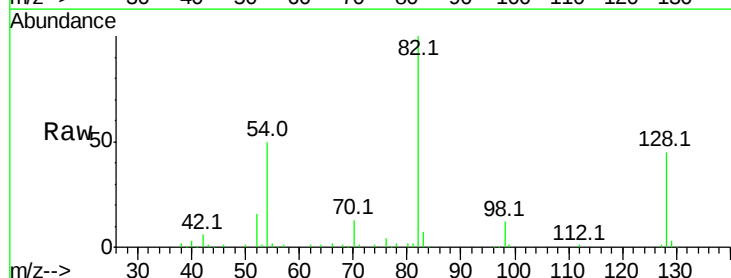
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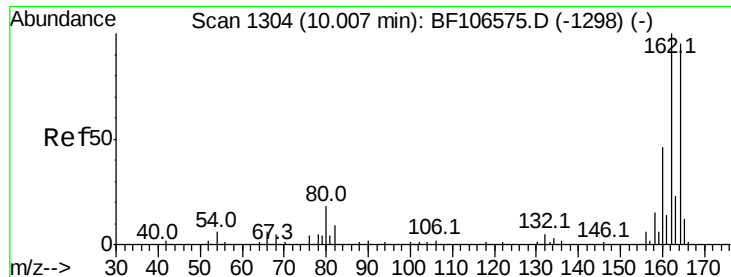
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#23
Nitrobenzene-d5
Concen: 66.476 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	36.1	54.1	
54	49.6	41.4	62.2	





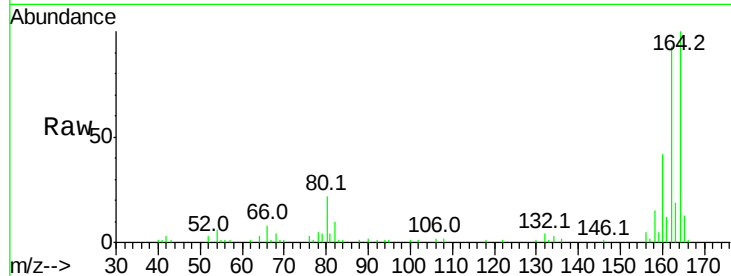
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107244.D
 Acq: 9 Jul 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-11

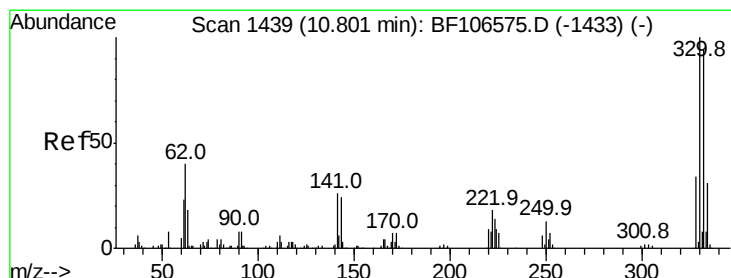
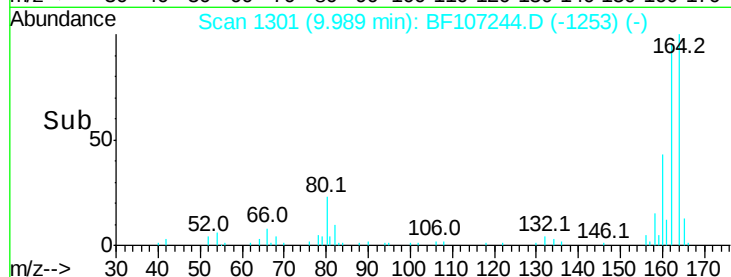
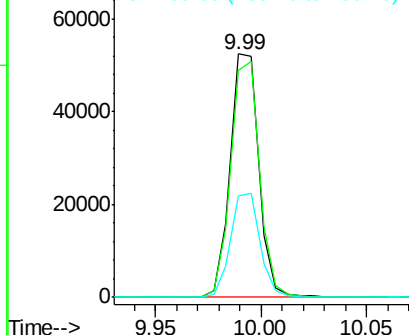
Tot Ion	Ratio	Lower	Upper
164	100		
162	93.3	86.1	129.1
160	41.9	38.3	57.5

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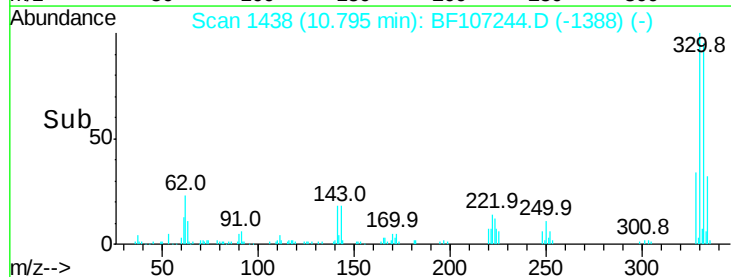
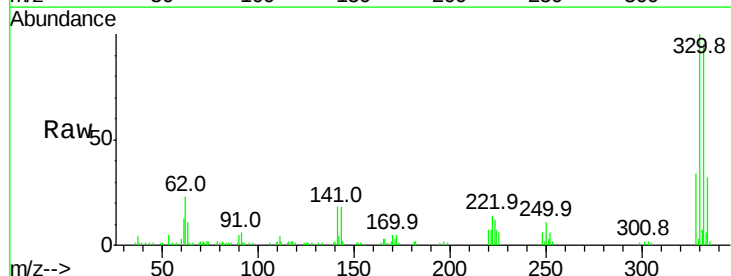
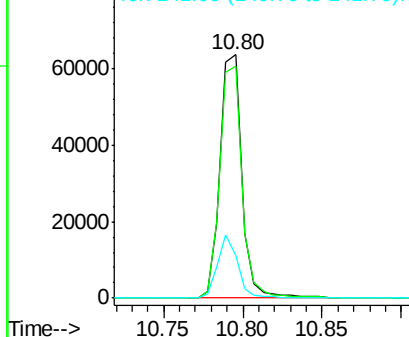
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 107.806 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107244.D
 Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	23.9	29.9	44.9#

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





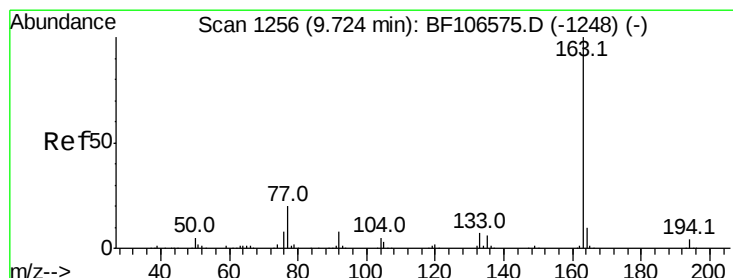
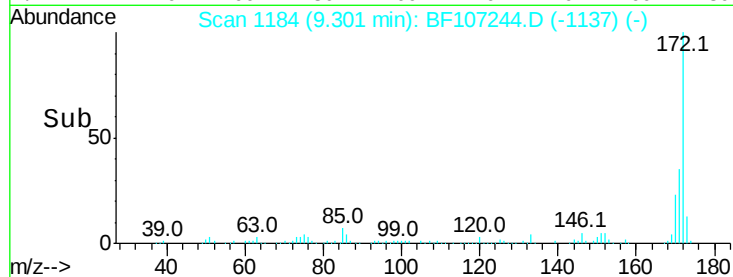
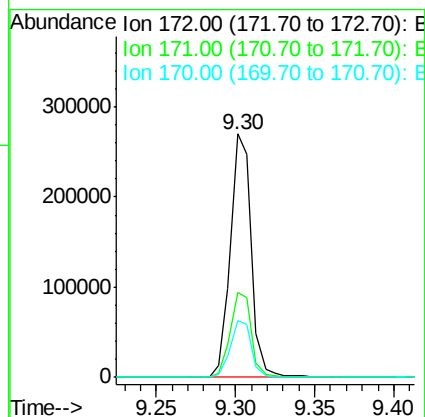
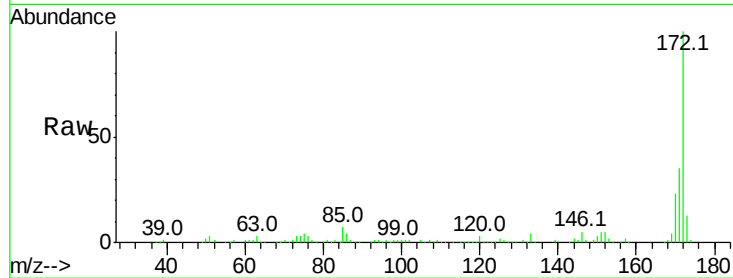
#44
2-Fluorobiphenyl
Concen: 86.107 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11

Tot Ion	Ratio	Resp	Lower	Upper
172	100	247386		
171	34.9		29.7	44.5
170	23.3		19.6	29.4

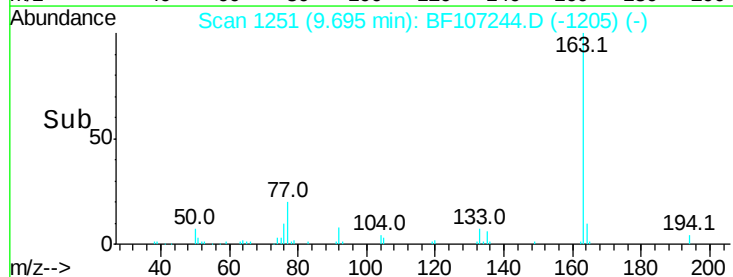
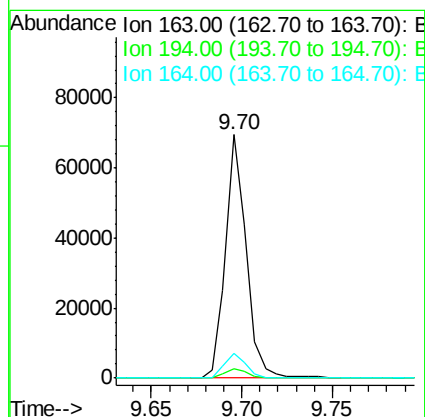
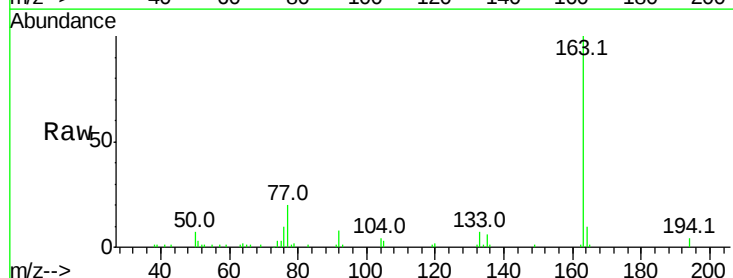
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#49
Dimethylphthalate
Concen: 15.109 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	55228		
194	3.7		2.7	4.1
164	10.4		8.2	12.2





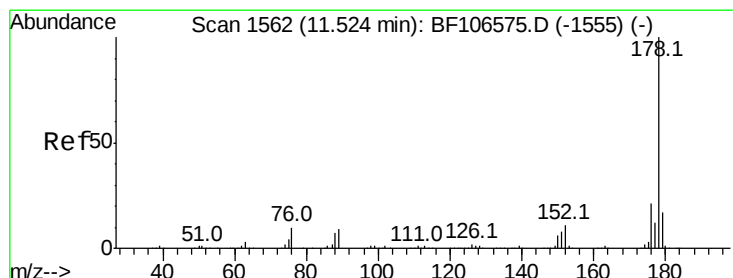
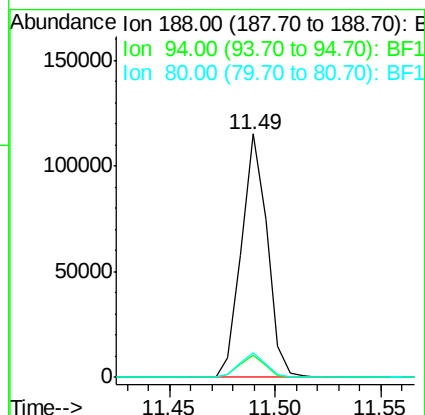
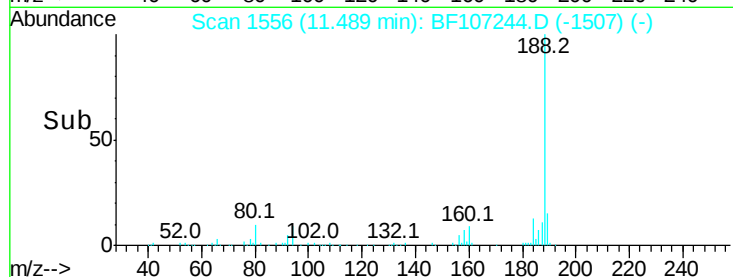
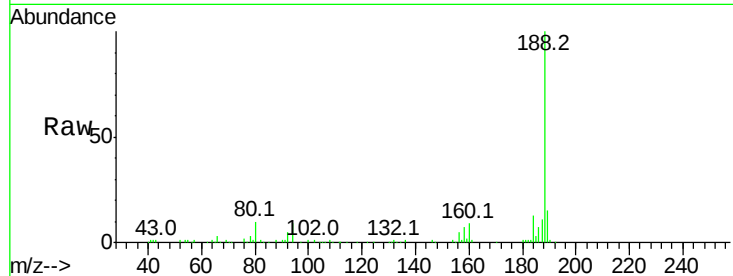
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11

Tot Ion	Ratio	Resp	Lower	Upper
188	100	96981		
94	8.8		8.5	12.7
80	10.2		9.2	13.8

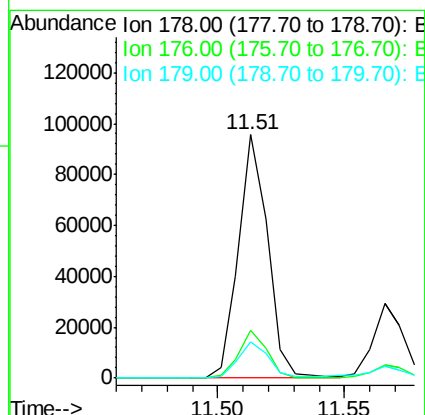
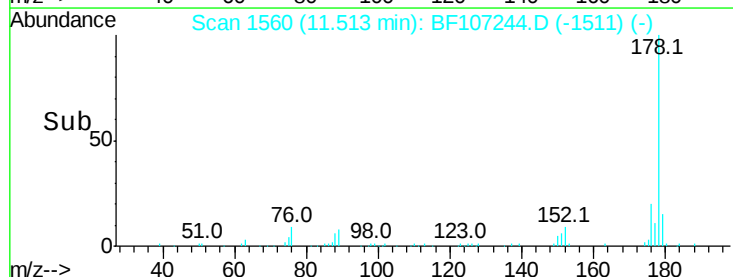
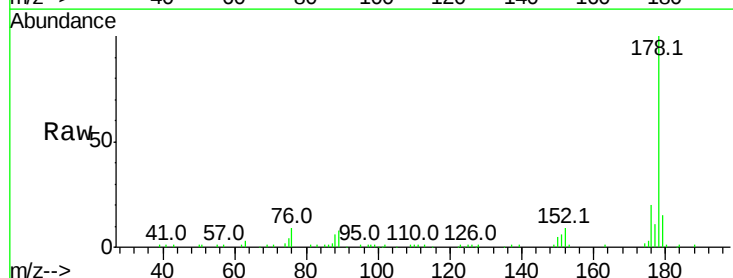
Manual Integrations
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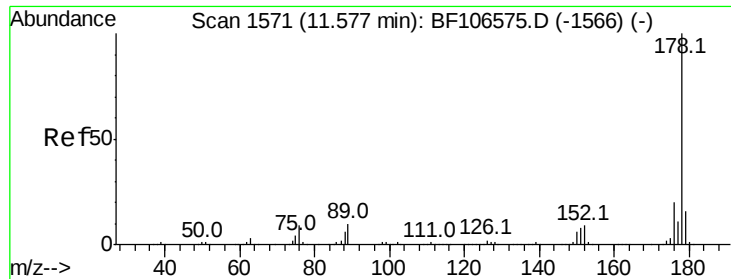
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#70
Phenanthrene
Concen: 16.401 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	76719		
176	19.7		15.8	23.8
179	14.9		13.0	19.6





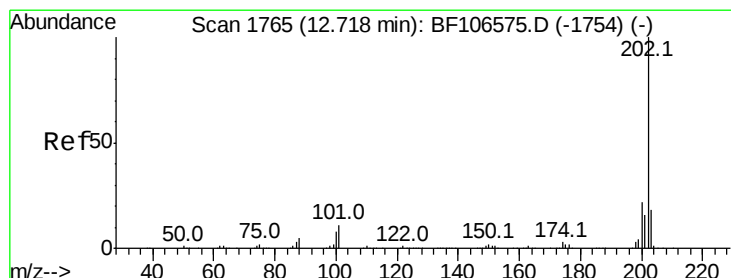
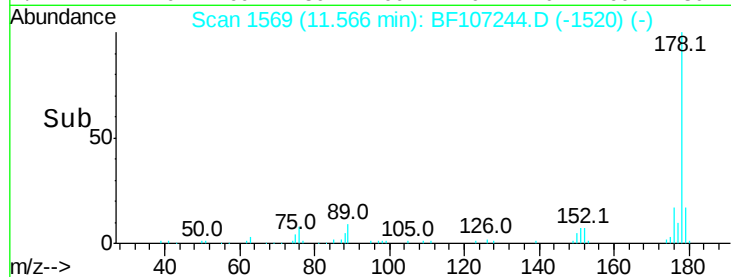
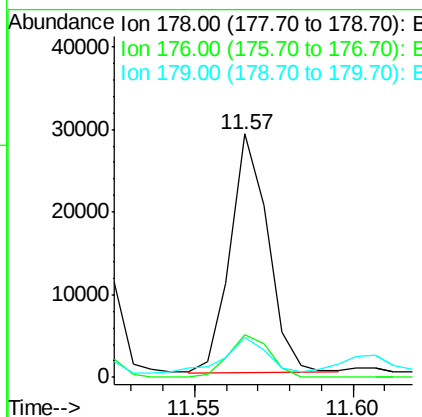
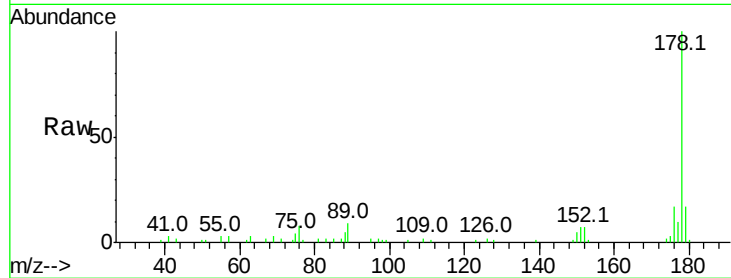
#71
 Anthracene
 Concen: 5.017 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107244.D
 Acq: 9 Jul 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-11

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	16.5	12.6	19.0

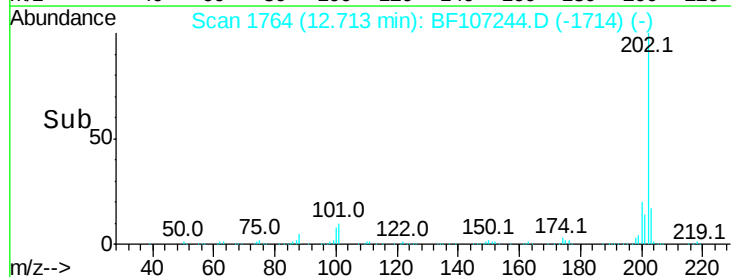
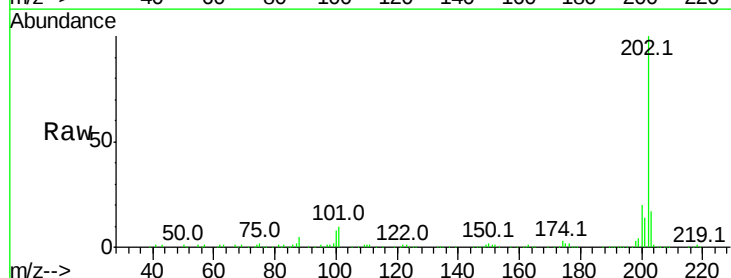
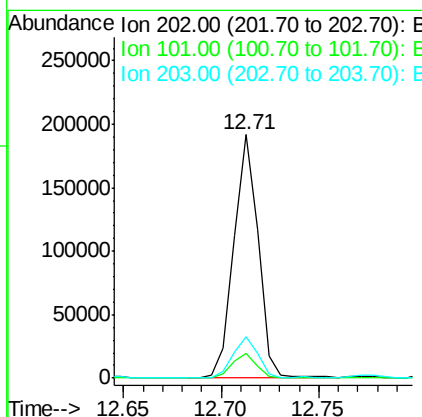
Manual Integrations
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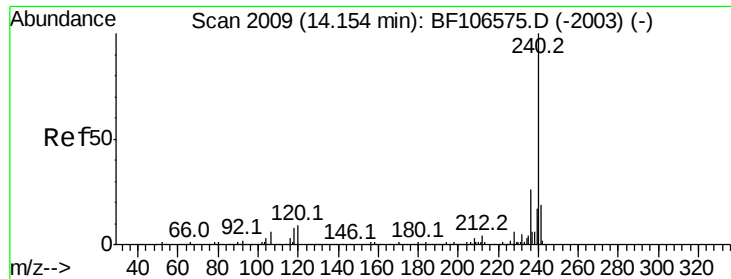
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#74
 Fluoranthene
 Concen: 32.305 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF107244.D
 Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.0	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: BF107244.D

Acq: 9 Jul 2018 22:08

Instrument :

BNA_F

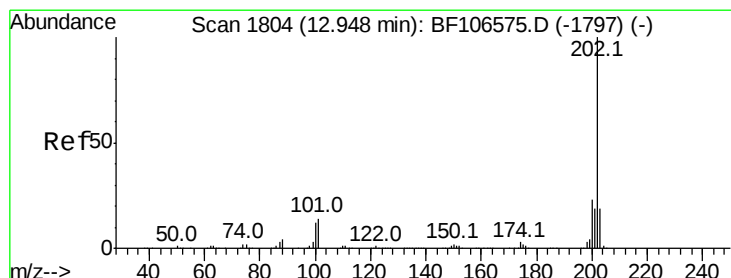
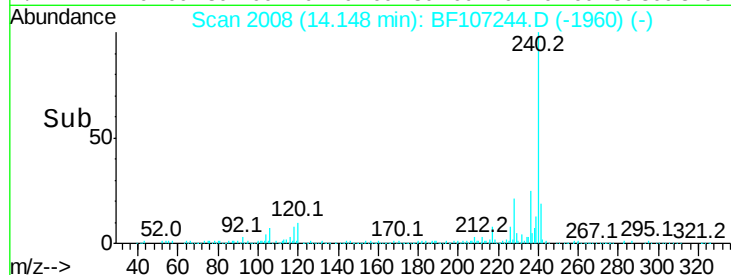
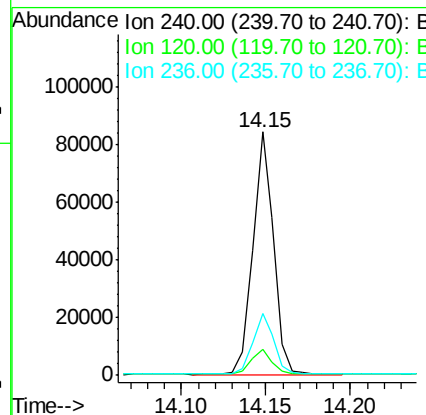
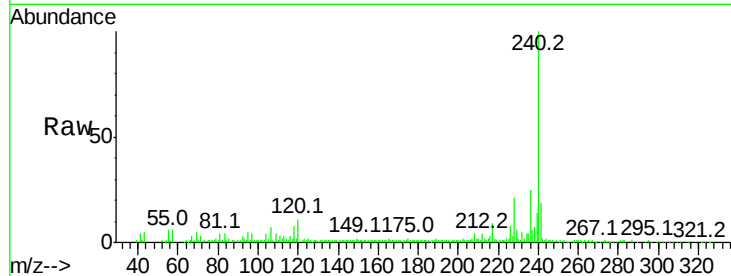
ClientSampleId :

SURCHARGE-SP-11

Tot Ion:	240	Resp:	72020
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.2	20.7	31.1

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#77

Pyrene

Concen: 31.740 ng

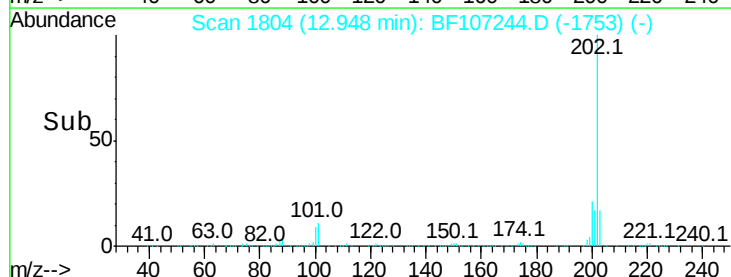
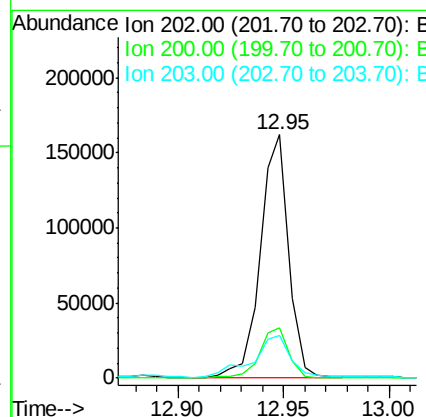
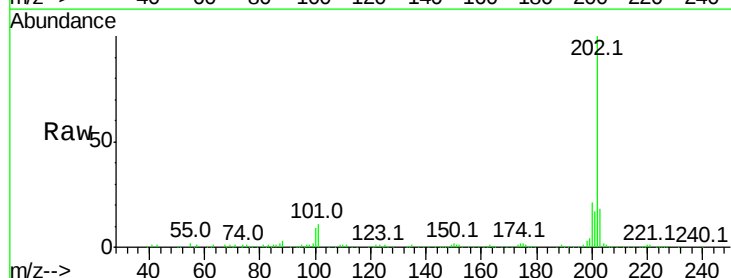
RT: 12.95 min Scan# 1804

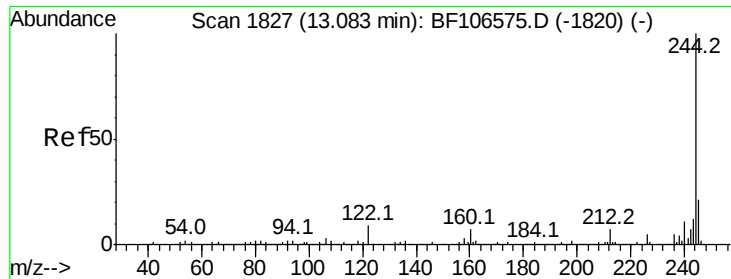
Delta R.T. 0.00 min

Lab File: BF107244.D

Acq: 9 Jul 2018 22:08

Tgt Ion:	202	Resp:	150740
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.5	14.3	21.5





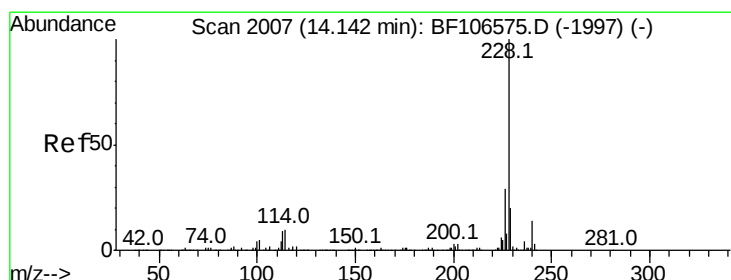
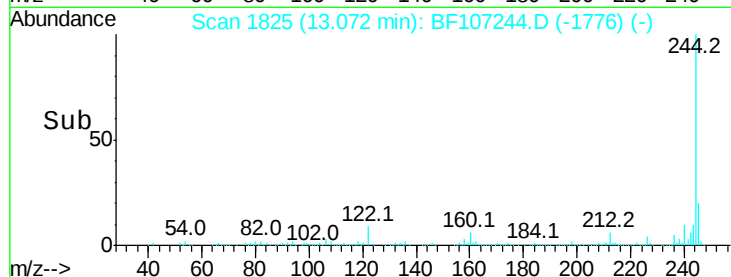
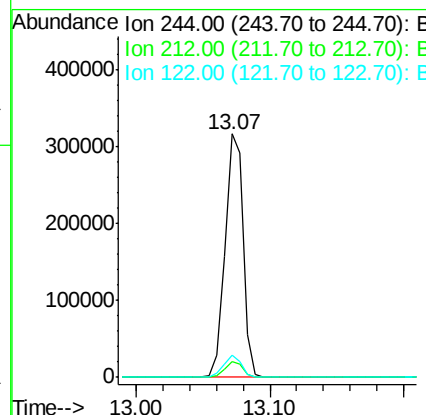
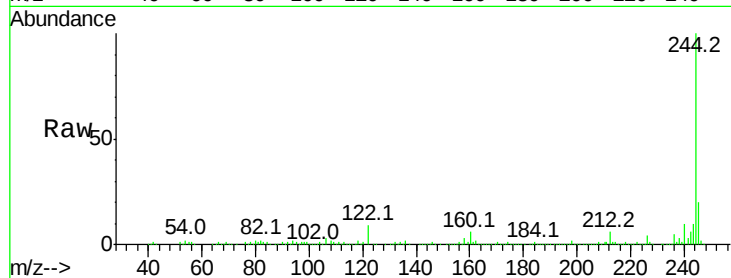
#78
 Terphenyl-d14
 Concen: 102.324 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107244.D
 Acq: 9 Jul 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-11

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.2	11.0	16.4

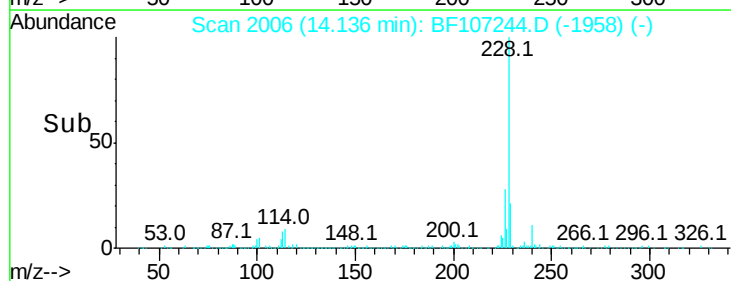
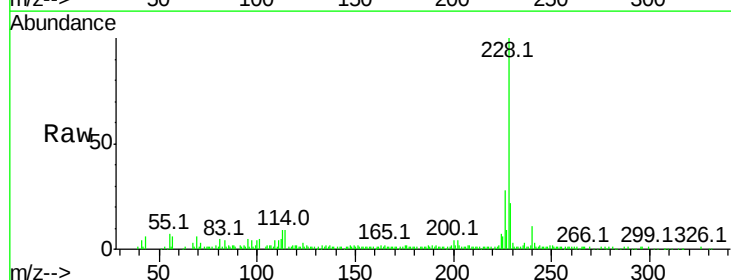
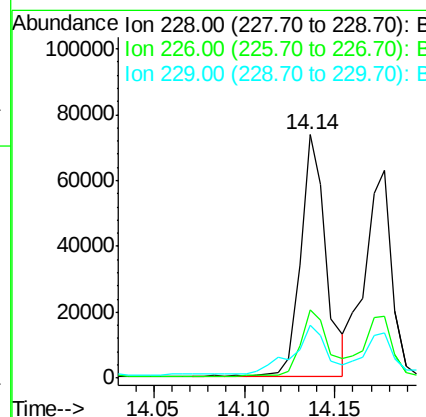
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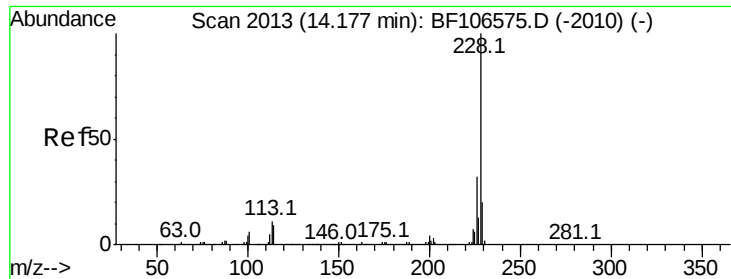
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#80
 Benzo(a)anthracene
 Concen: 16.447 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF107244.D
 Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.7	15.8	23.6





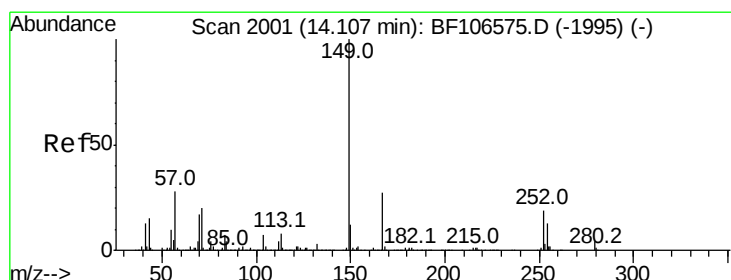
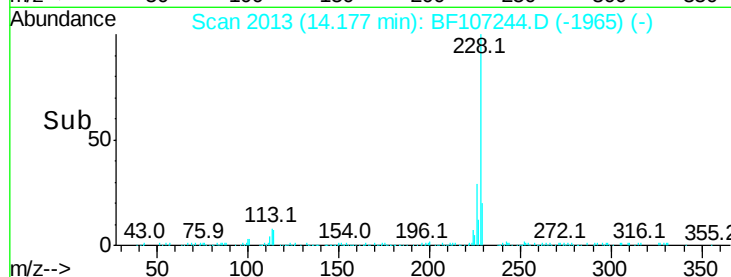
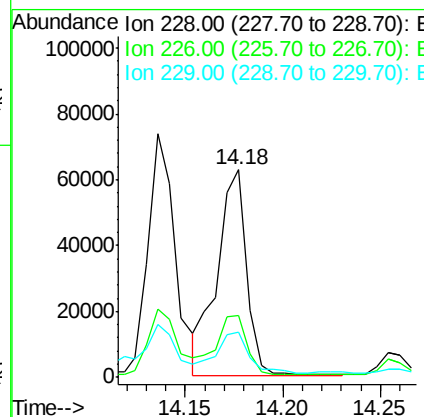
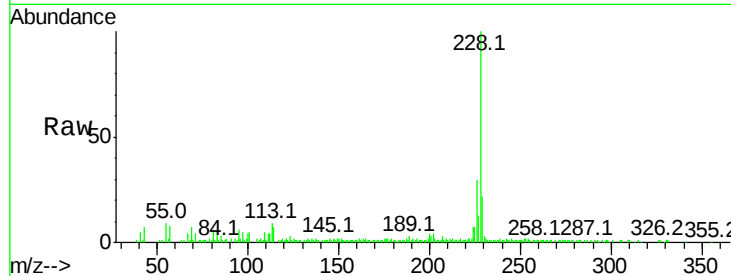
#82
Chrysene
Concen: 16.267 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.8	16.2	24.4

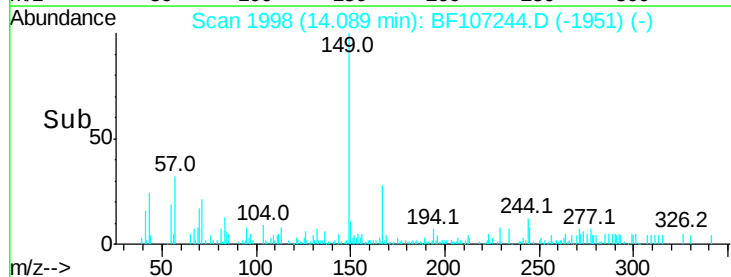
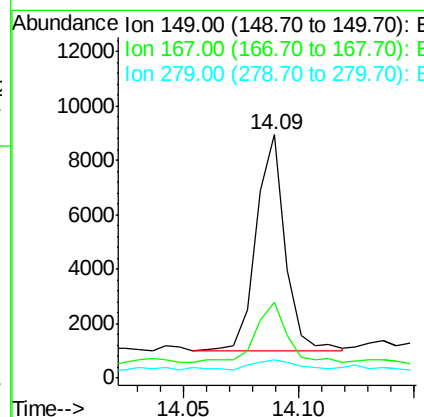
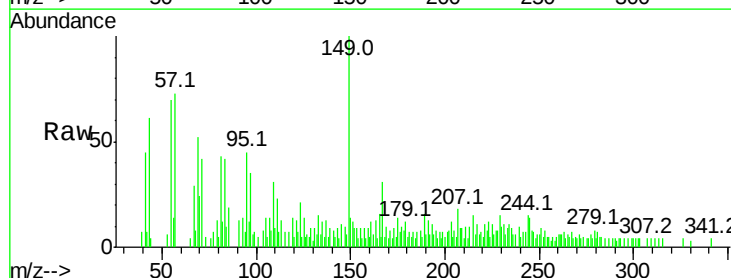
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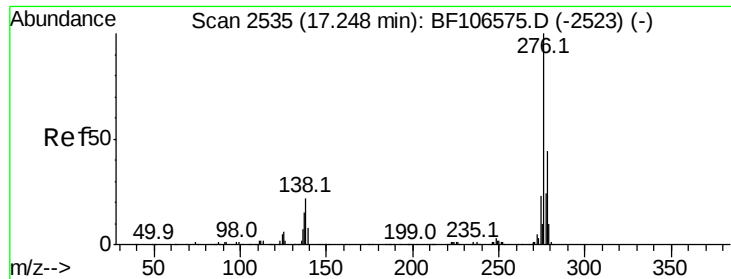
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.819 ng
RT: 14.09 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.3	31.9
279	7.5	3.0	4.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.391 ng

RT: 17.29 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF107244.D

Acq: 9 Jul 2018 22:08

Instrument :

BNA_F

ClientSampleId :

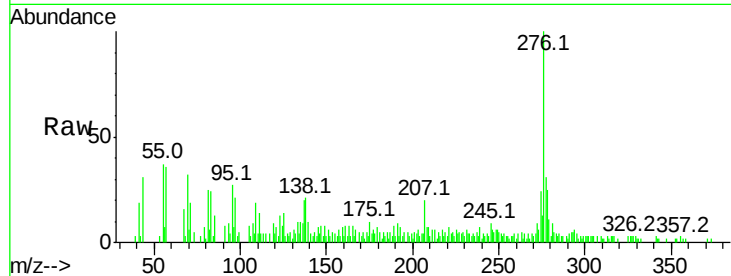
SURCHARGE-SP-11

Tot Ion:	276	Resp:	28757
Ion Ratio	Lower	Upper	
276	100		
138	16.7	25.0	37.6#
277	24.8	20.1	30.1

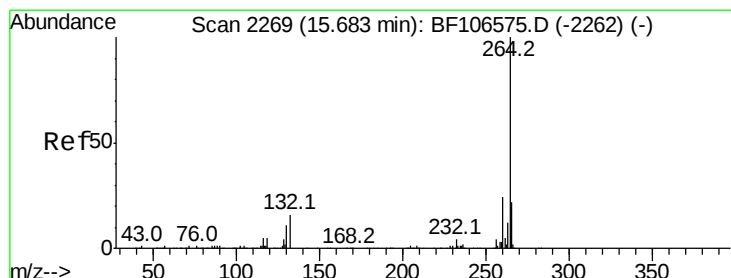
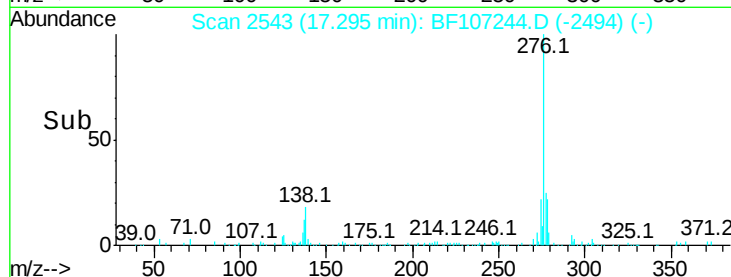
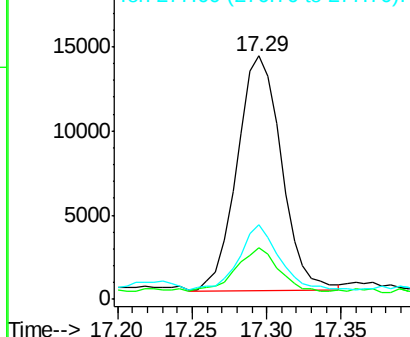
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

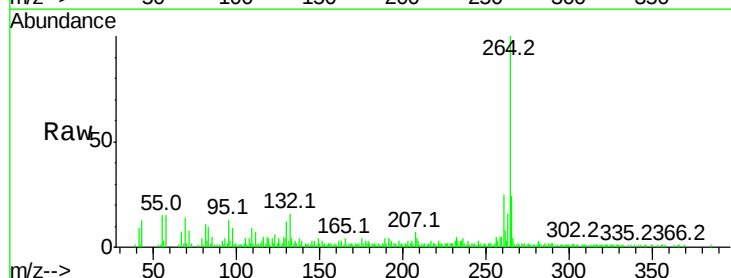
RT: 15.69 min Scan# 2271

Delta R.T. -0.02 min

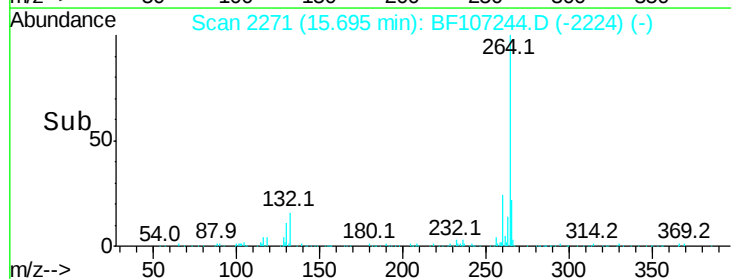
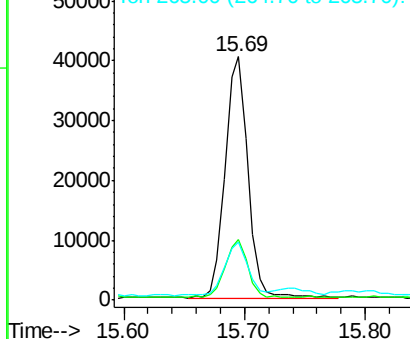
Lab File: BF107244.D

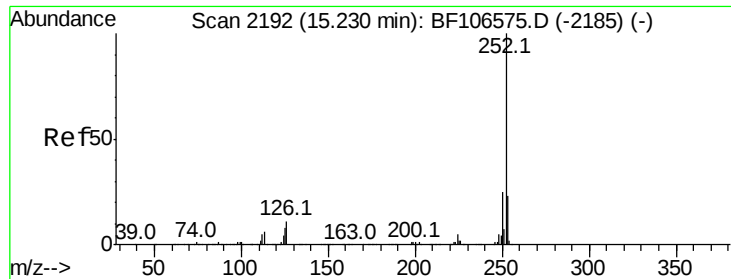
Acq: 9 Jul 2018 22:08

Tgt Ion:	264	Resp:	52722
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	24.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.751 ng m

RT: 15.23 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BF107244.D

Acq: 9 Jul 2018 22:08

Instrument :

BNA_F

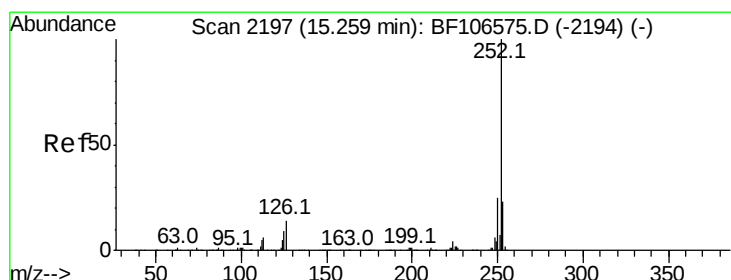
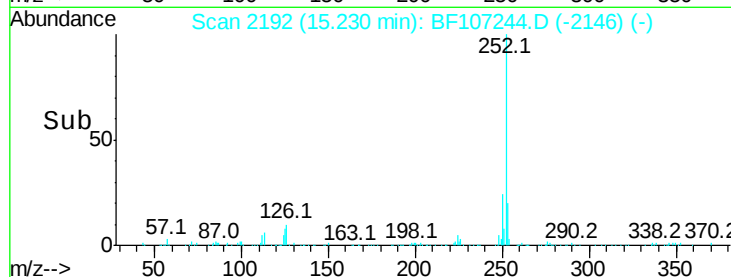
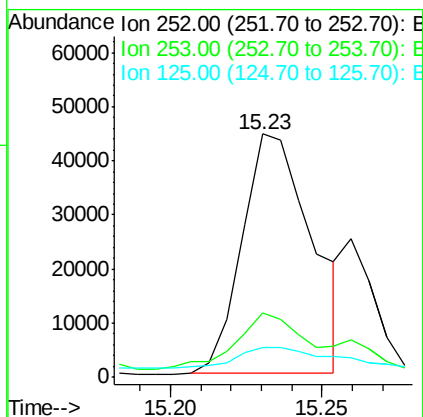
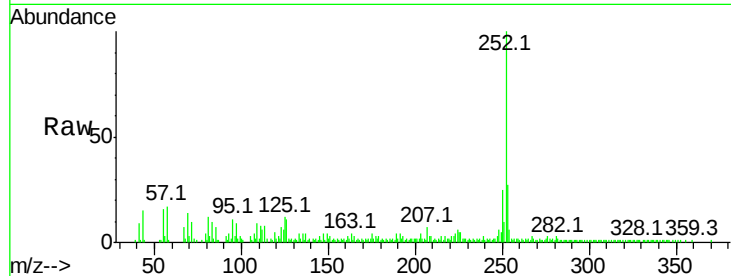
ClientSampleId :

SURCHARGE-SP-11

Tot Ion:	252	Resp:	71237
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.0	25.6#
125	12.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 5.907 ng m

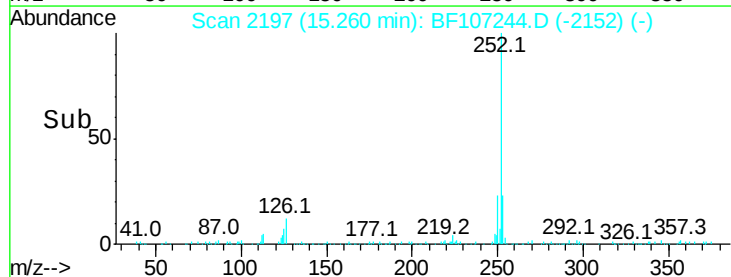
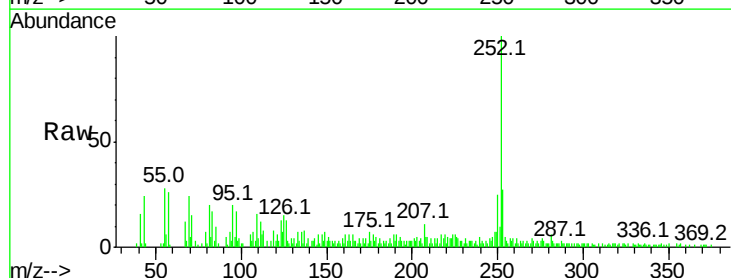
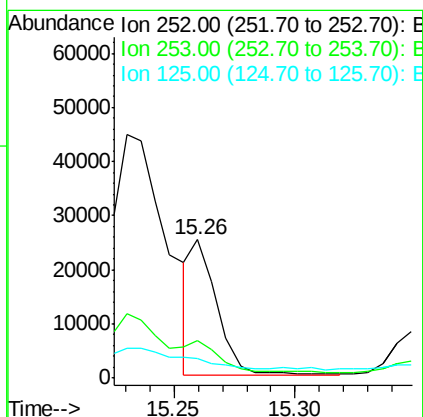
RT: 15.26 min Scan# 2197

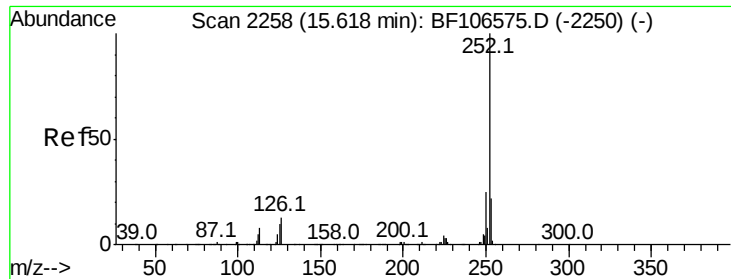
Delta R.T. -0.04 min

Lab File: BF107244.D

Acq: 9 Jul 2018 22:08

Tgt Ion:	252	Resp:	18424
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.9	26.9#
125	14.7	10.2	15.2





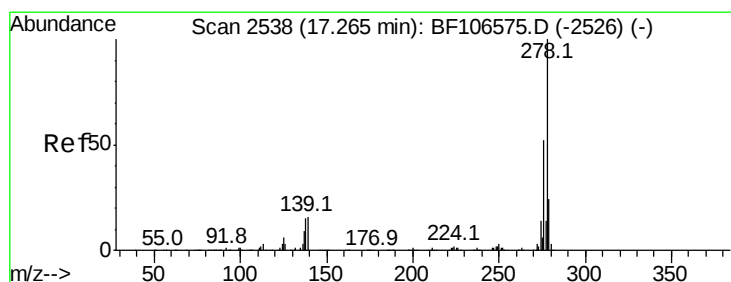
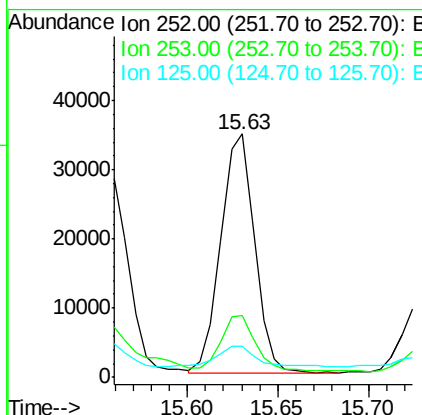
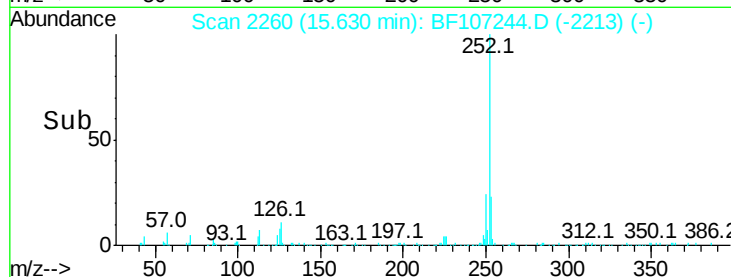
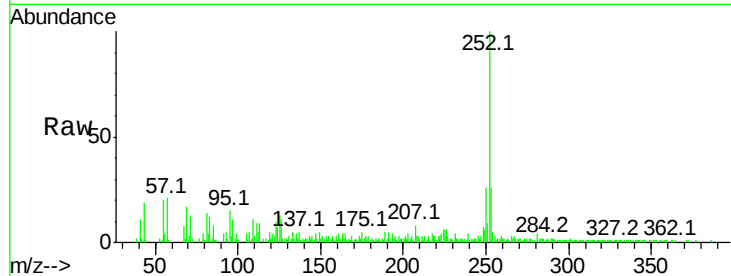
#89
Benzo(a)pyrene
Concen: 15.541 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	12.6	9.8	14.6

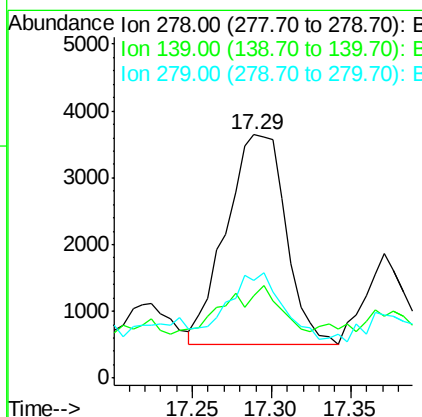
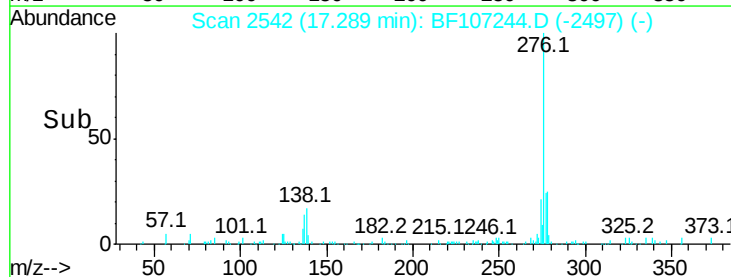
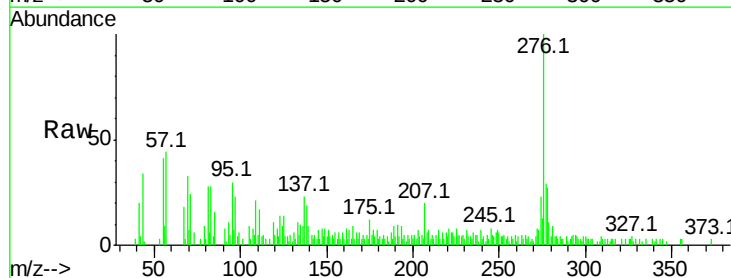
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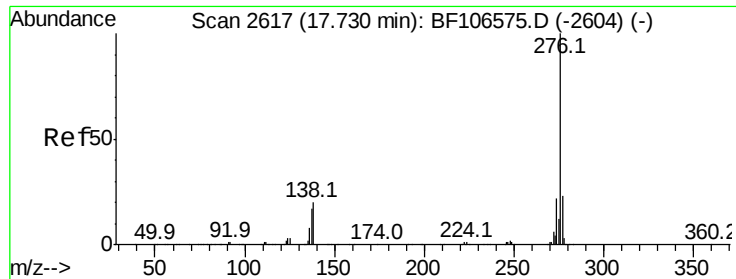
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#90
Dibenzo(a,h)anthracene
Concen: 3.316 ng
RT: 17.29 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF107244.D
Acq: 9 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.8	15.9	23.9#
279	39.9	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 12.107 ng
 RT: 17.79 min Scan# 2627
 Delta R.T. 0.00 min
 Lab File: BF107244.D
 Acq: 9 Jul 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-11

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	20.8	21.8	32.8

Manual Integrations
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