

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107246.D
 Acq On : 9 Jul 2018 23:03
 Operator : JU/SJ
 Sample : J3880-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-19

Manual Integrations
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 7/10/2018 2:47:06 PM

Quant Time: Jul 10 05:24:57 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	37441	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	129755	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	60428	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	119217	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	84305	20.00	ng	-0.02
86) Perylene-d12	15.69	264	63021	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	237190	107.27	ng	0.00
7) Phenol-d6	6.60	99	283791	102.78	ng	-0.01
23) Nitrobenzene-d5	7.51	82	161923	69.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	77318	110.39	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	303156	84.90	ng	-0.02
78) Terphenyl-d14	13.08	244	355142	102.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	70456	15.546	ng	Qvalue 97
70) Phenanthrene	11.51	178	74547	12.965	ng	98
71) Anthracene	11.57	178	23770	4.050	ng	98
74) Fluoranthene	12.71	202	133846	21.119	ng	95
77) Pyrene	12.95	202	121448	21.846	ng	98
80) Benzo(a)anthracene	14.14	228	61279	11.926	ng	98
82) Chrysene	14.18	228	55219	11.681	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	6022	2.061	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.29	276	26348	6.568	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	64911m	16.581	ng	
88) Benzo(k)fluoranthene	15.26	252	15612m	4.188	ng	
89) Benzo(a)pyrene	15.62	252	41110	11.813	ng	95
90) Dibenzo(a,h)anthracene	17.28	278	8473	2.873	ng	# 83
91) Benzo(g,h,i)perylene	17.78	276	25757	8.935	ng	# 89

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

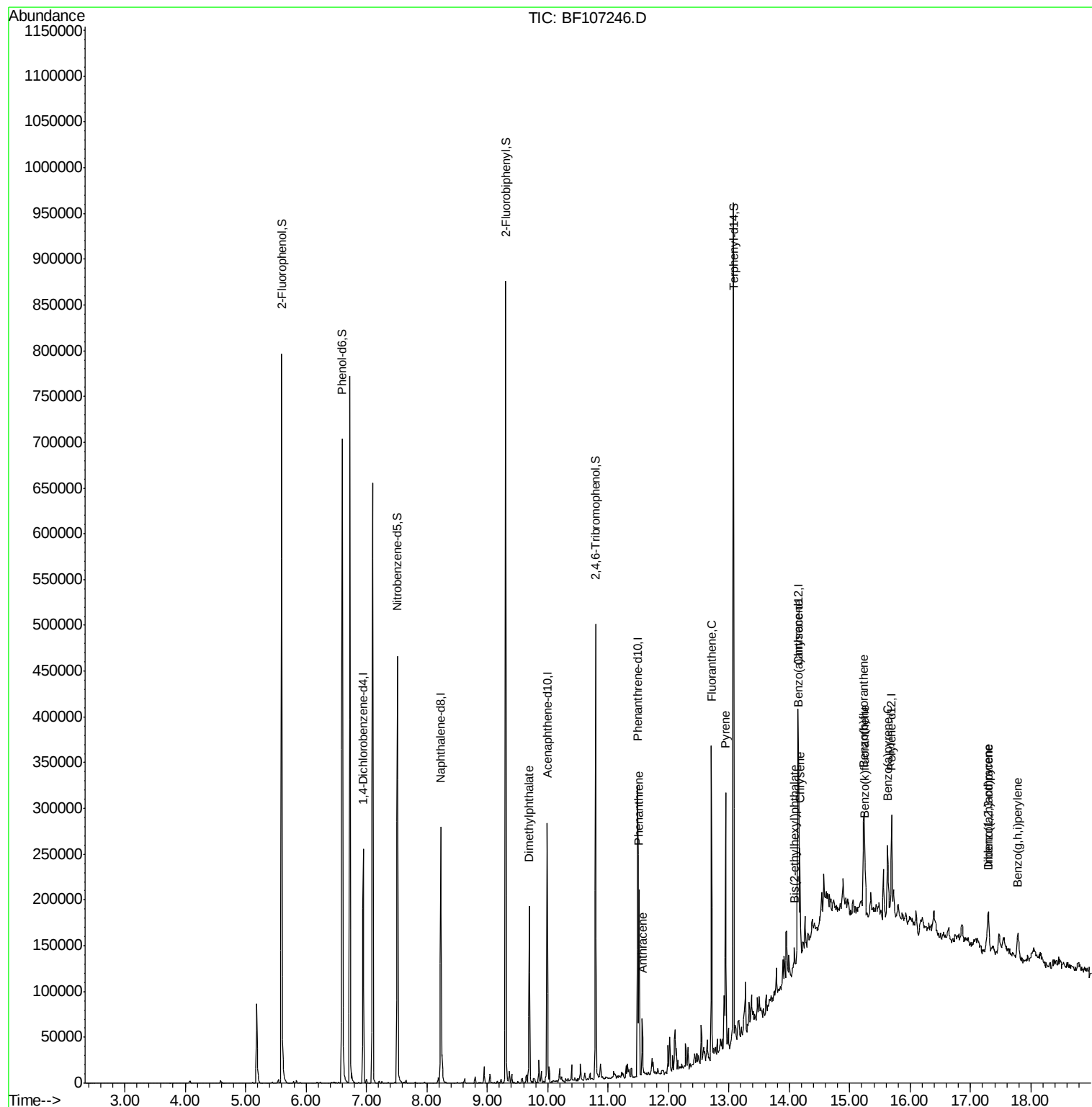
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
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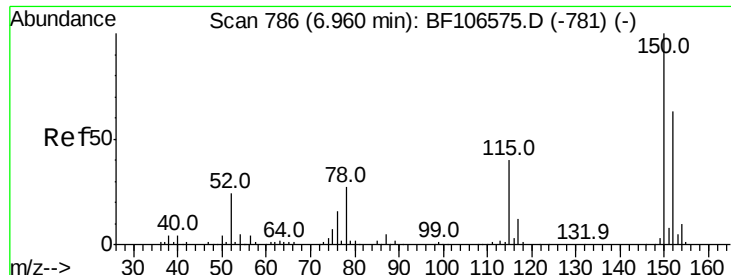
Instrument :
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#1

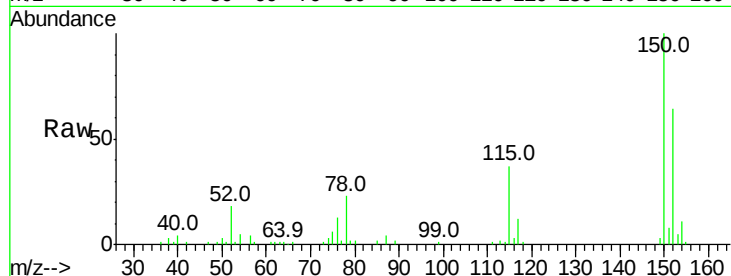
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	57.5	50.1	75.1

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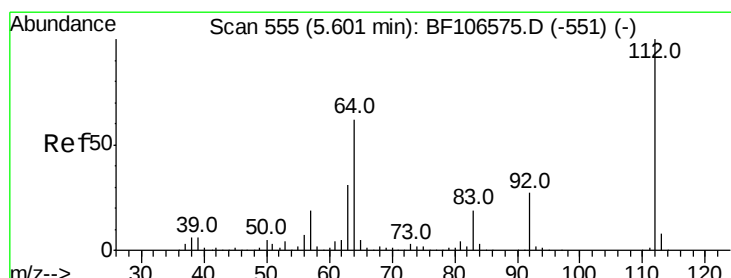
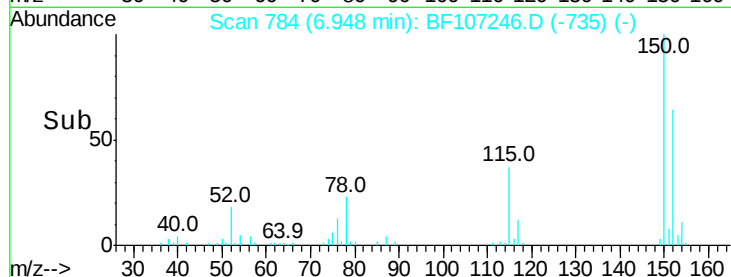
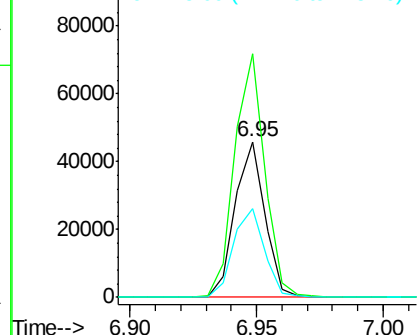


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

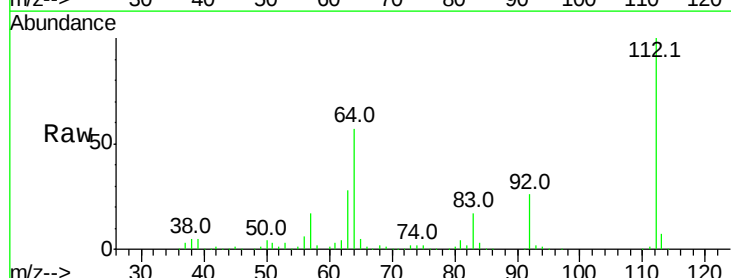
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.272 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.0	23.7	35.5

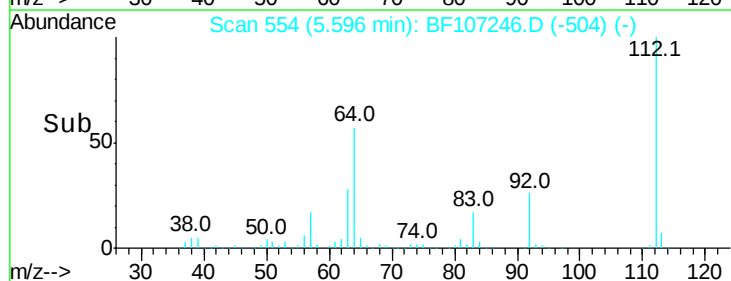
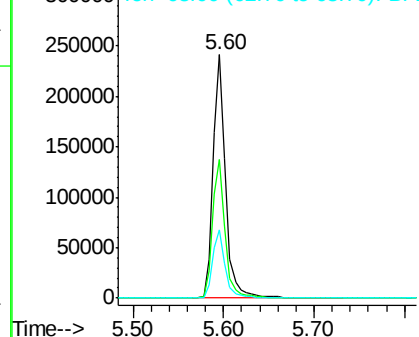


Abundance

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: 102.777 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107246.D

Acq: 9 Jul 2018 23:03

Instrument :

BNA_F

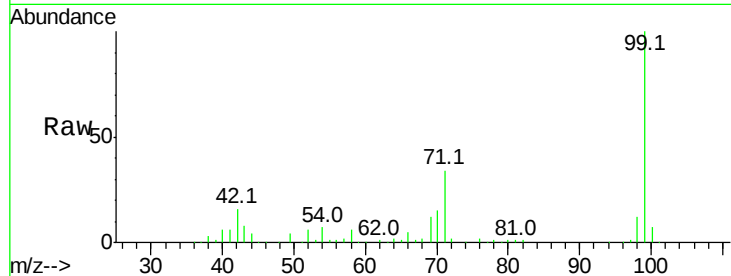
ClientSampleId :

SURCHARGE-SP-19

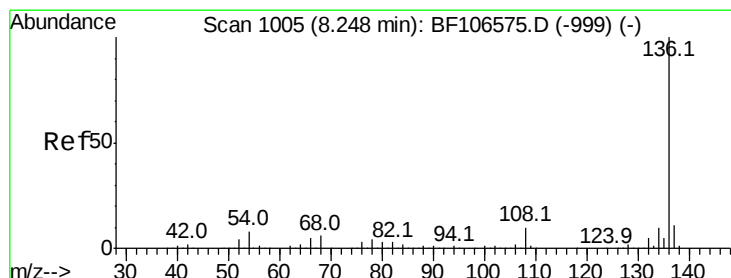
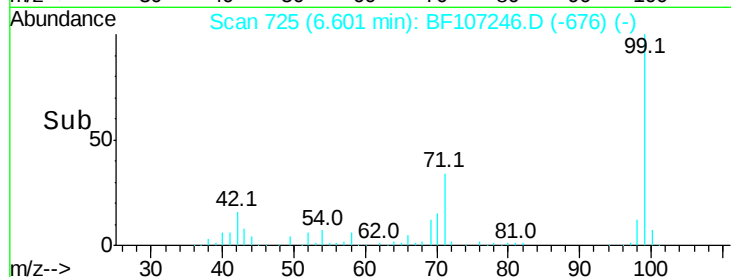
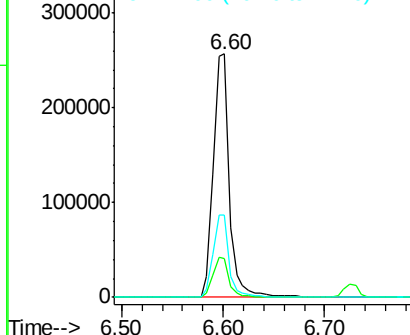
Tot Ion:	99	Resp:	283791
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.7	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

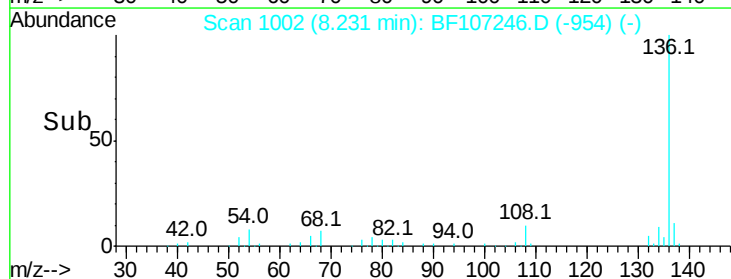
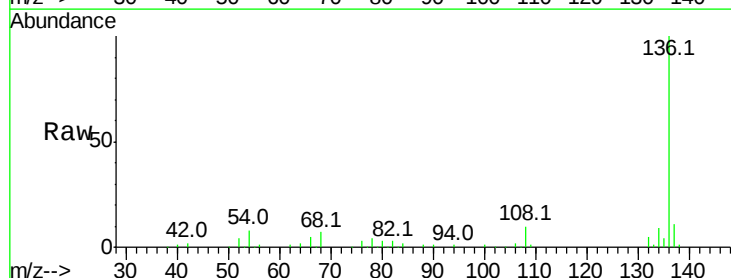
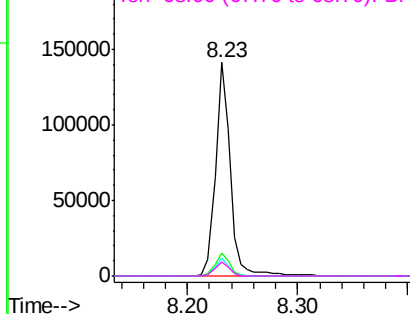
Delta R.T. -0.02 min

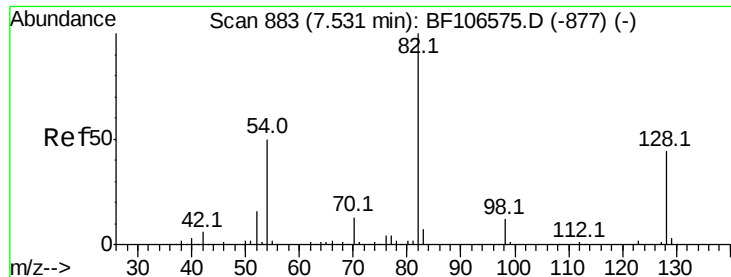
Lab File: BF107246.D

Acq: 9 Jul 2018 23:03

Tgt Ion:	136	Resp:	129755
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	6.6	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





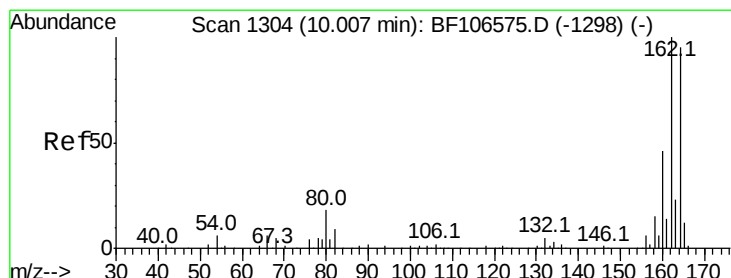
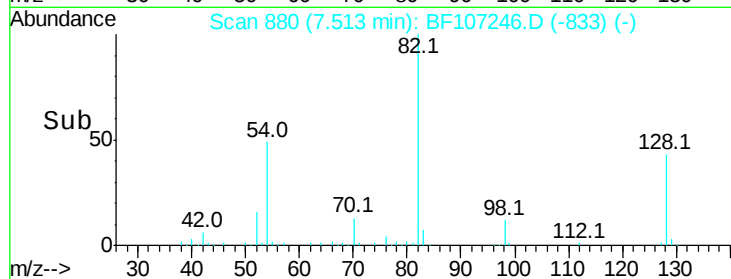
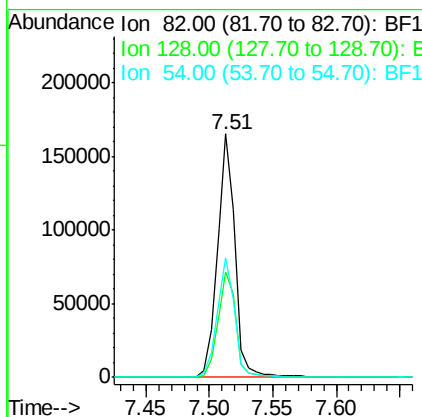
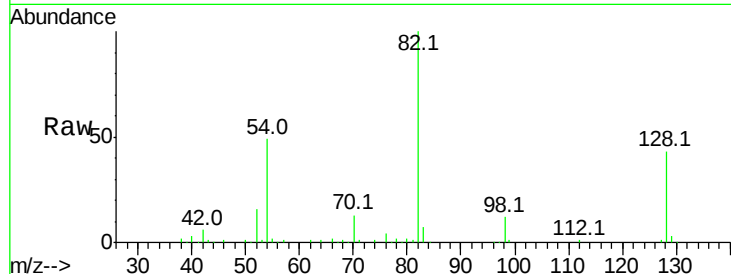
#23
Nitrobenzene-d5
Concen: 69.351 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	49.2	41.4	62.2

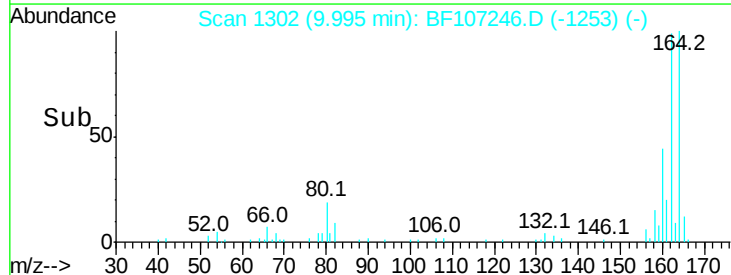
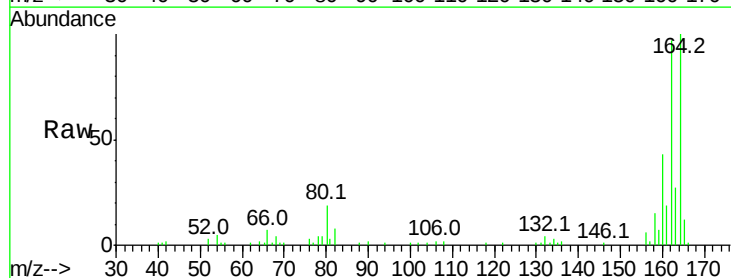
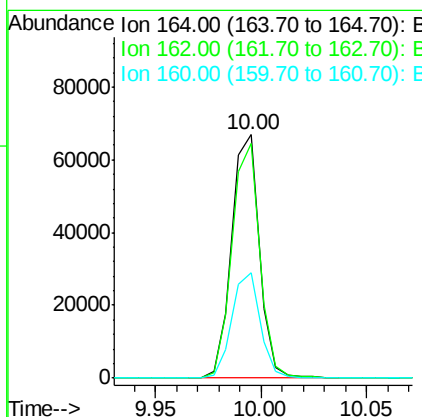
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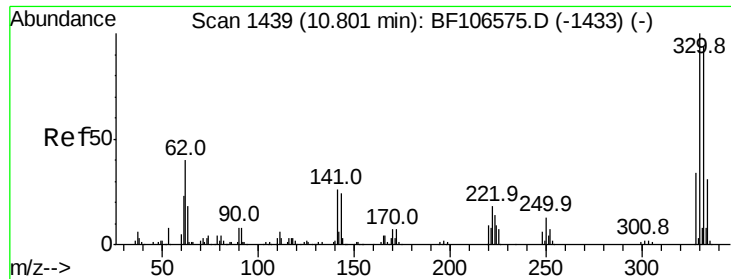
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.1	129.1
160	43.1	38.3	57.5





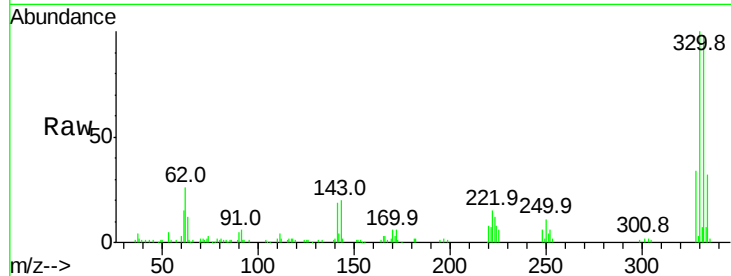
#41
 2,4,6-Tribromophenol
 Concen: 110.395 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107246.D
 Acq: 9 Jul 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-19

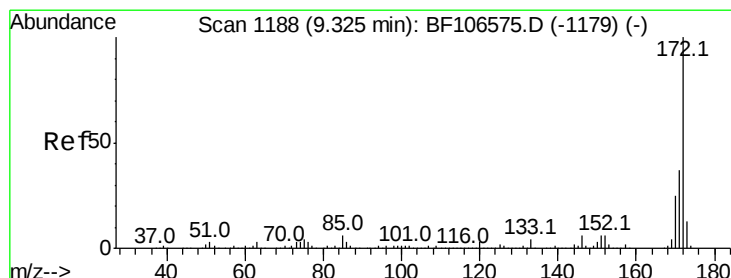
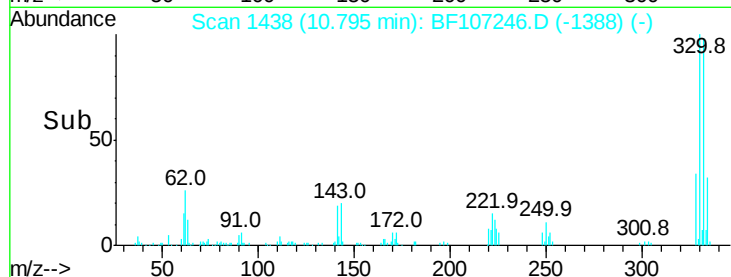
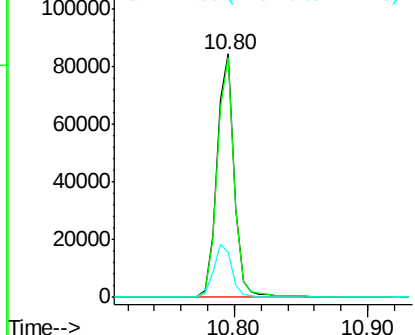
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	23.3	29.9	44.9#

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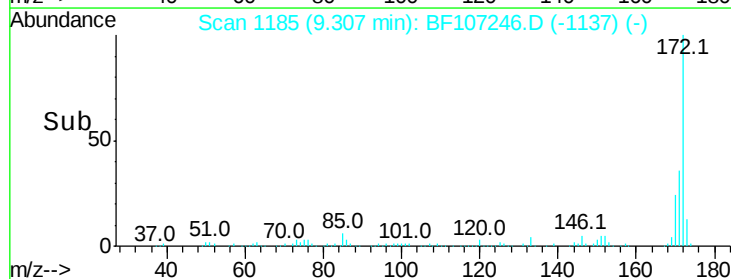
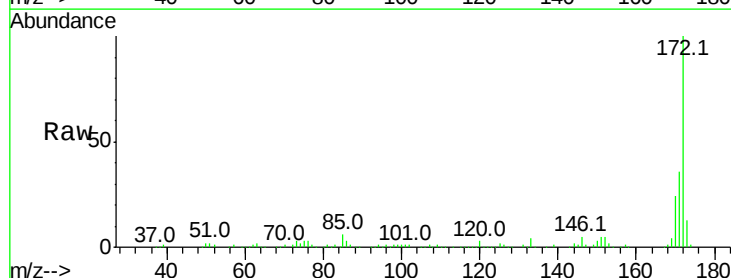
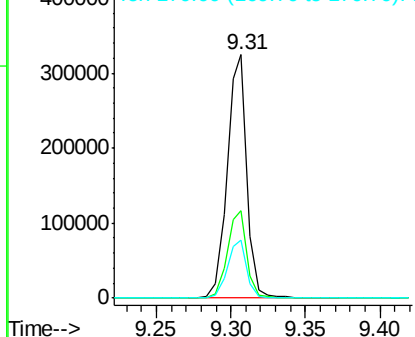
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

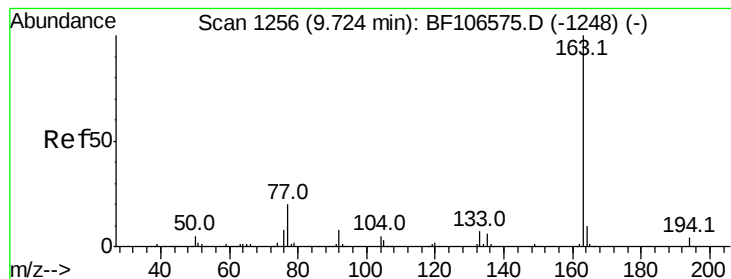


#44
 2-Fluorobiphenyl
 Concen: 84.898 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107246.D
 Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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: 15.546 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107246.D

Acq: 9 Jul 2018 23:03

Instrument :

BNA_F

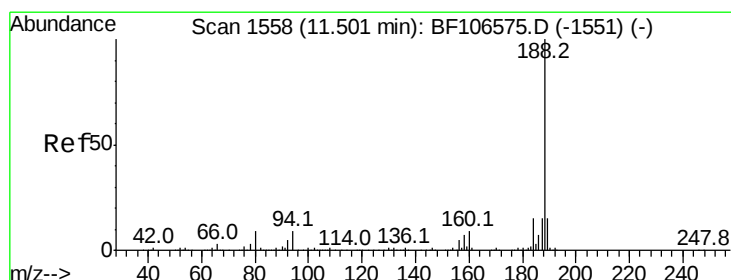
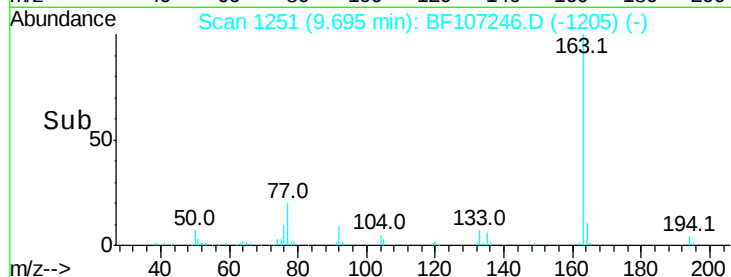
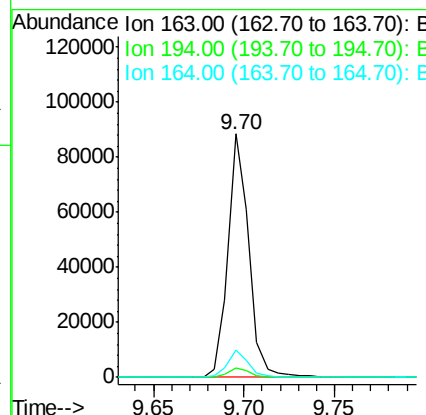
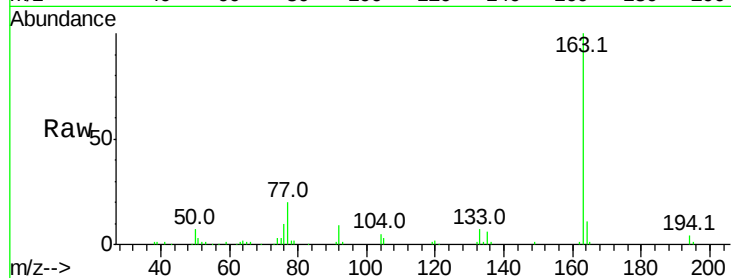
ClientSampleId :

SURCHARGE-SP-19

Tot Ion:	163	Resp:	70456
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	11.3	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

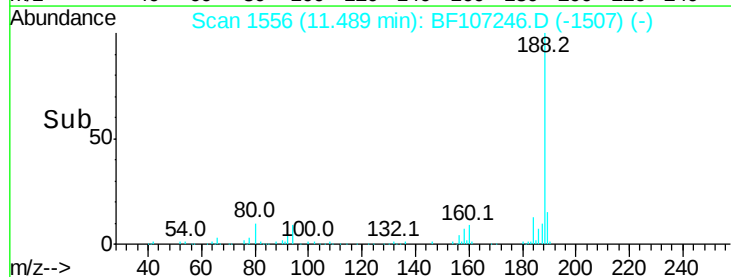
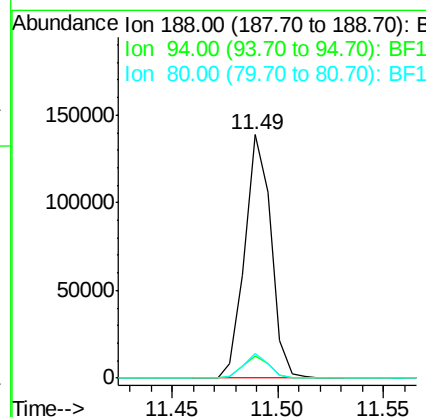
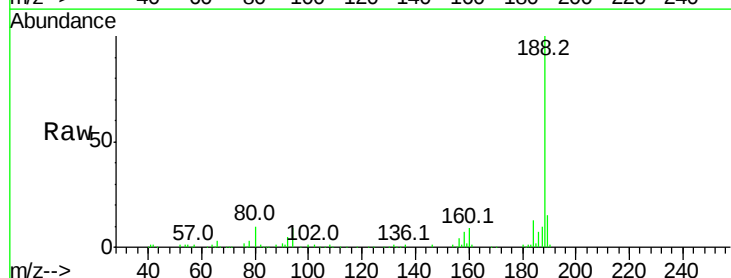
RT: 11.49 min Scan# 1556

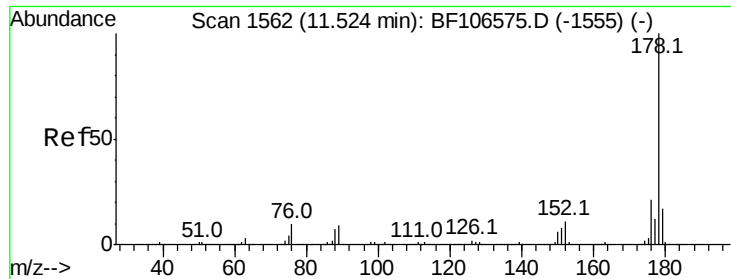
Delta R.T. -0.01 min

Lab File: BF107246.D

Acq: 9 Jul 2018 23:03

Tgt Ion:	188	Resp:	119217
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	10.0	9.2	13.8





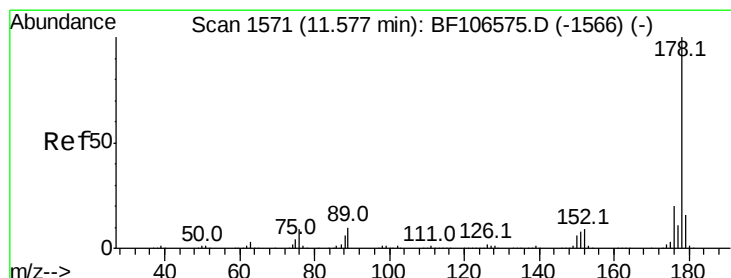
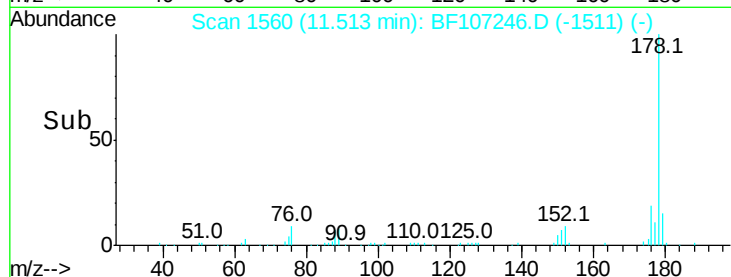
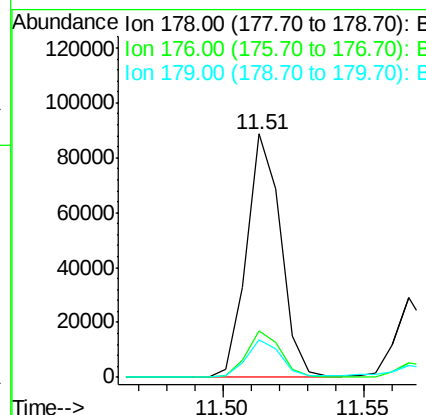
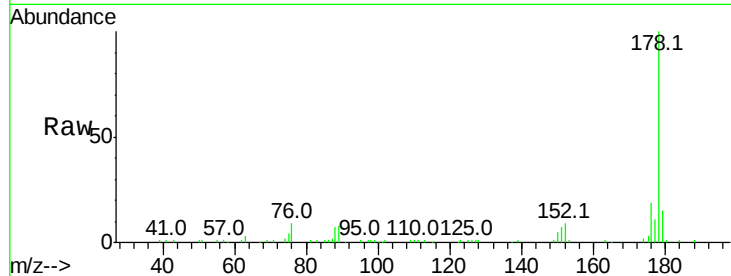
#70
Phenanthrene
Concen: 12.965 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	13.0	19.6

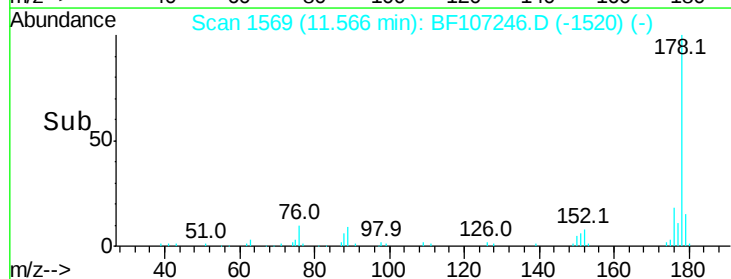
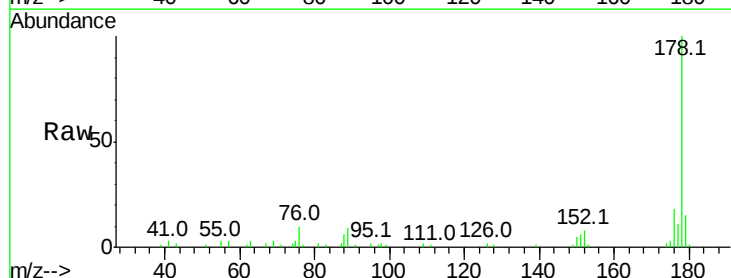
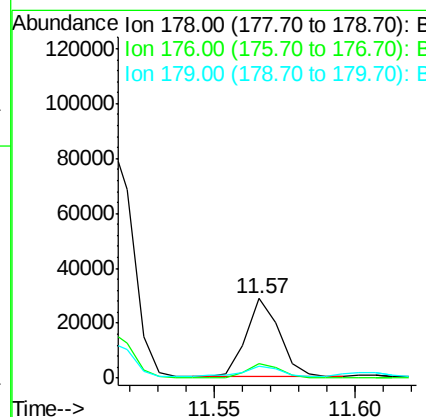
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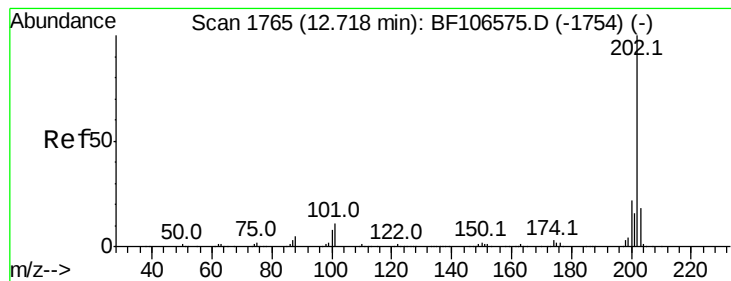
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#71
Anthracene
Concen: 4.050 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.0	12.6	19.0





#74

Fluoranthene

Concen: 21.119 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107246.D

Acq: 9 Jul 2018 23:03

Instrument :

BNA_F

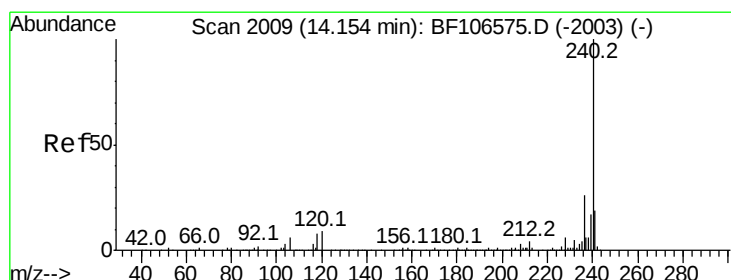
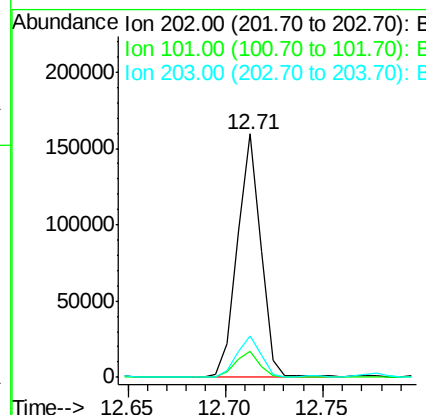
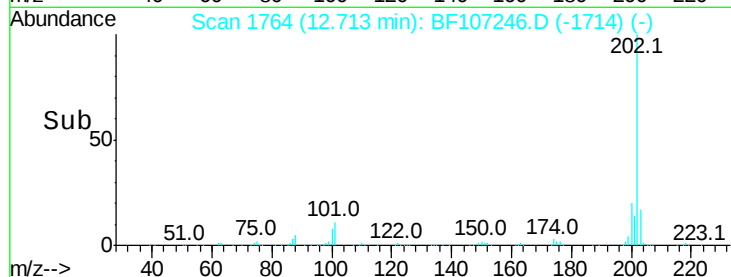
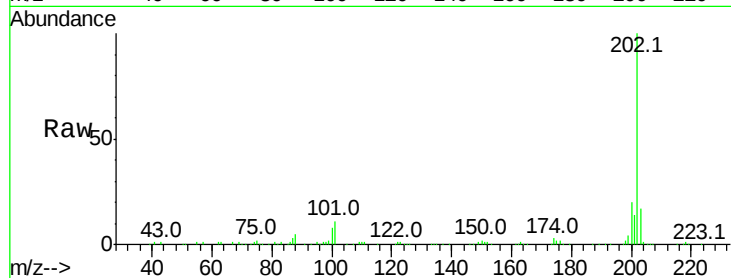
ClientSampleId :

SURCHARGE-SP-19

Tot Ion	Ratio	Resp	Lower	Upper
202	100	133846		
101	10.5	0.0	34.1	
203	17.2	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

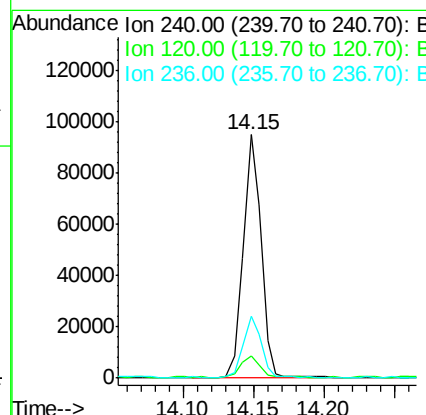
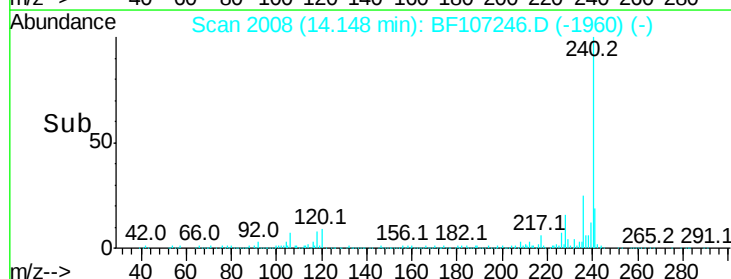
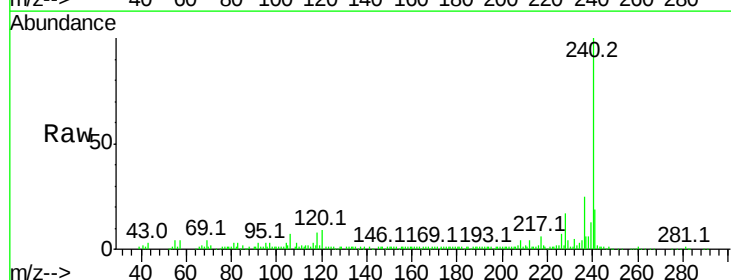
RT: 14.15 min Scan# 2008

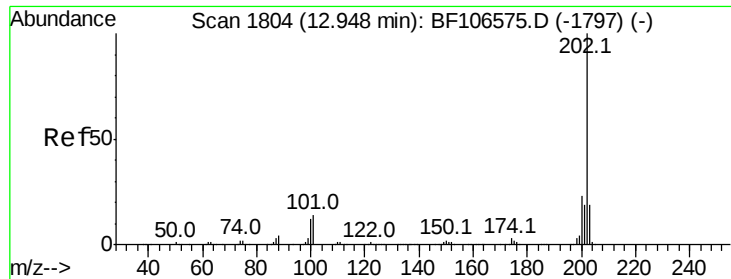
Delta R.T. -0.02 min

Lab File: BF107246.D

Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	84305		
120	9.0	9.5	14.3#	
236	25.2	20.7	31.1	





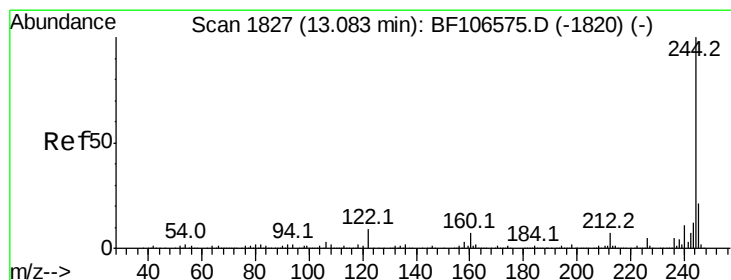
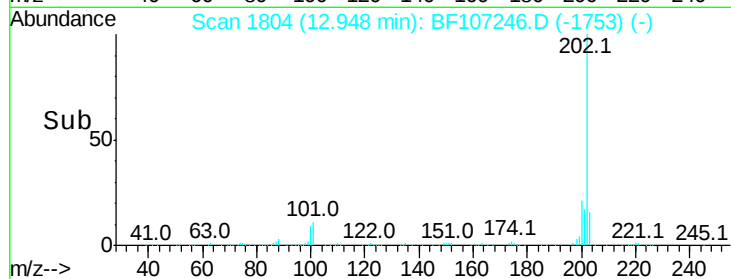
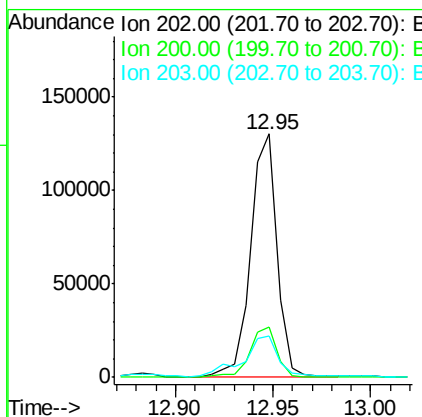
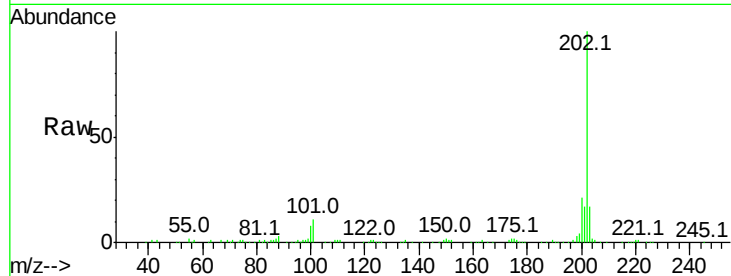
#77
Pvrene
Concen: 21.846 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.0	14.3	21.5

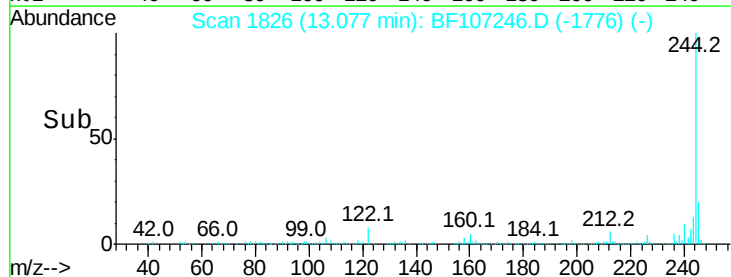
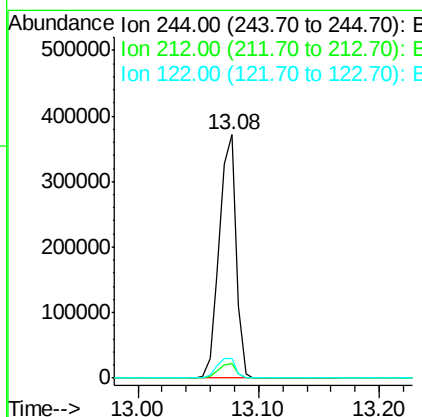
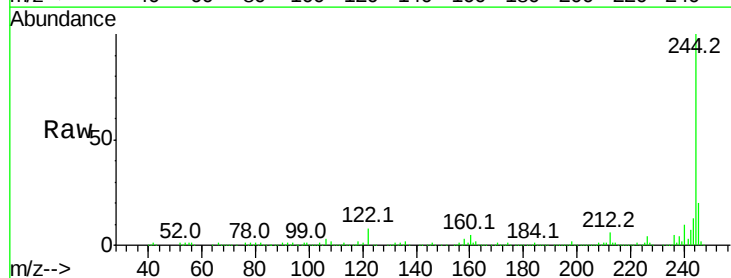
Manual Integrations
APPROVED

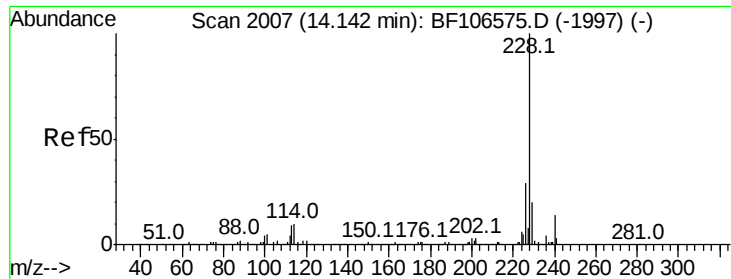
Sohil
7/10/2018 2:47:06 PM



#78
Terphenyl-d14
Concen: 102.041 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.0	11.0	16.4#





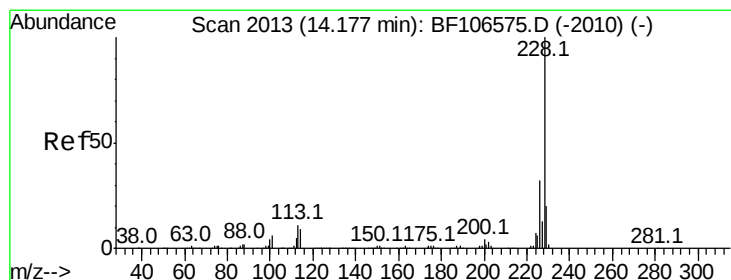
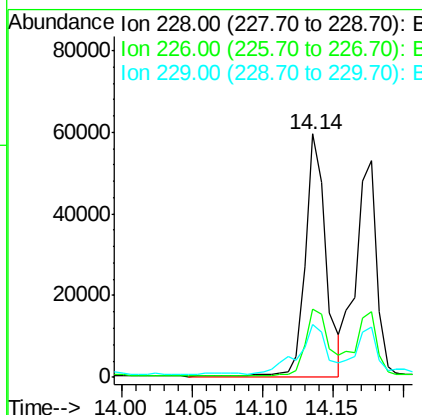
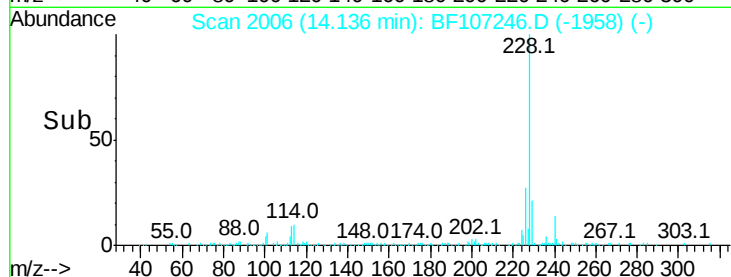
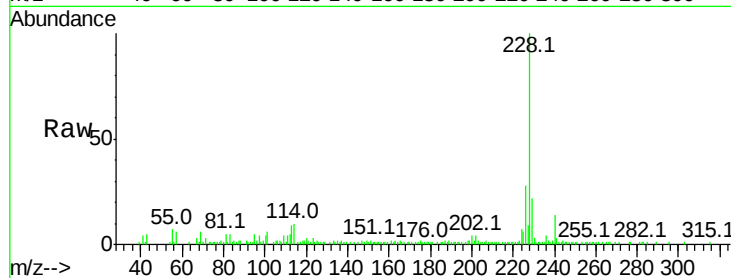
#80
Benzo(a)anthracene
Concen: 11.926 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.8	15.8	23.6

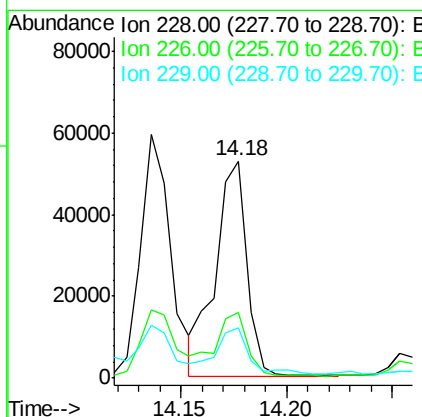
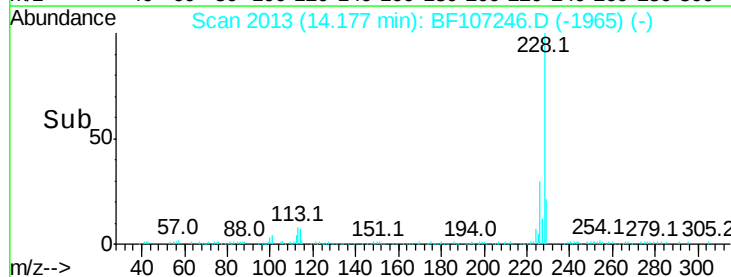
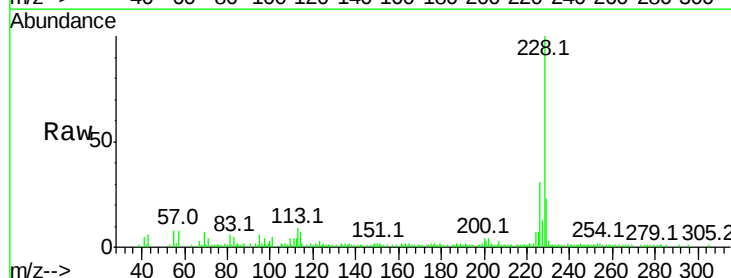
Manual Integrations
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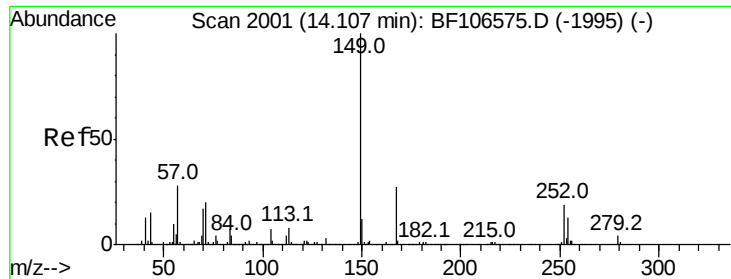
Sohil
7/10/2018 2:47:06 PM



#82
Chrysene
Concen: 11.681 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.1	16.2	24.4





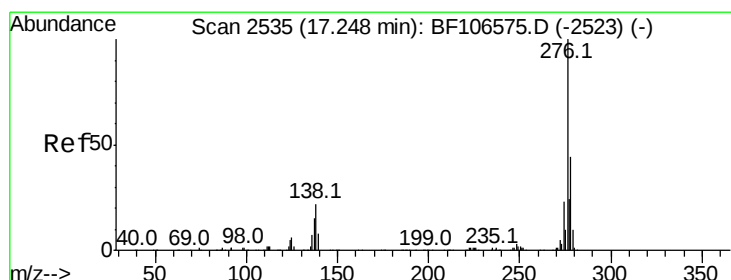
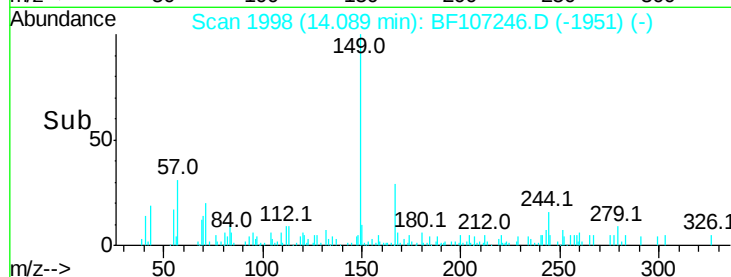
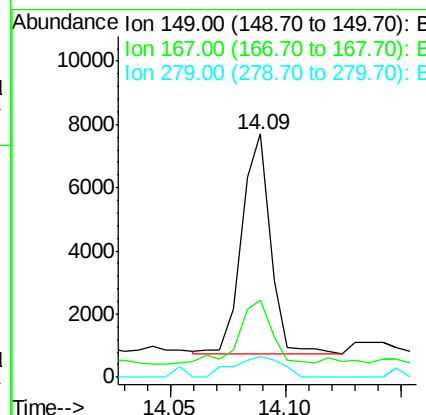
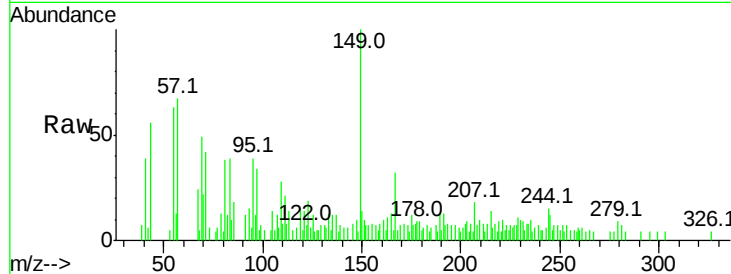
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.061 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107246.D
 Acq: 9 Jul 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-19

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.6	21.3	31.9
279	8.6	3.0	4.4#

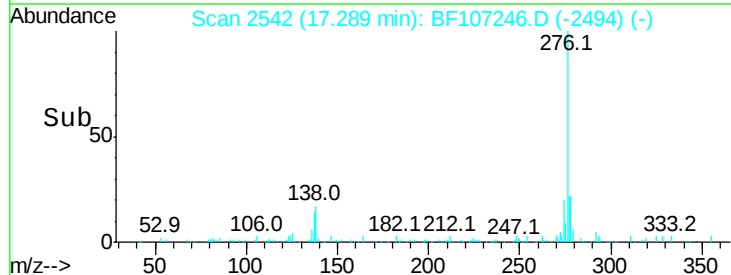
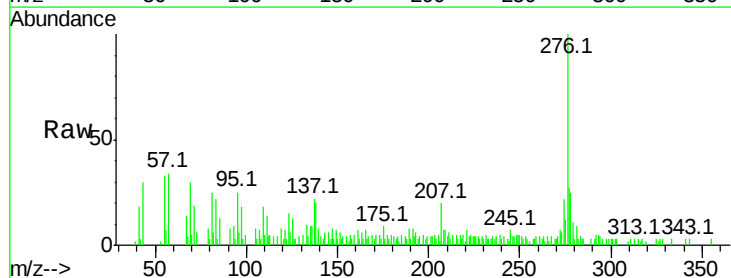
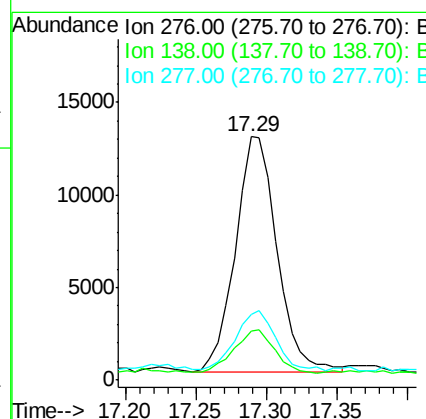
Manual Integrations
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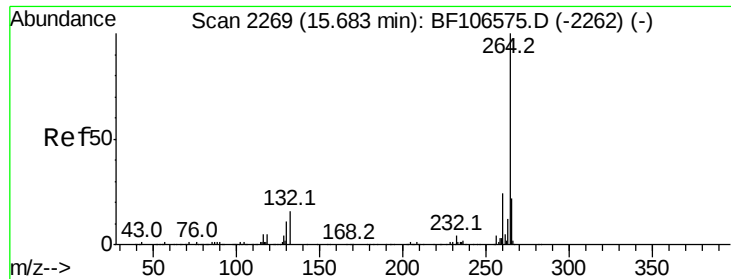
Sohil
 7/10/2018 2:47:06 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.568 ng
 RT: 17.29 min Scan# 2542
 Delta R.T. -0.02 min
 Lab File: BF107246.D
 Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	25.0	37.6#
277	24.5	20.1	30.1





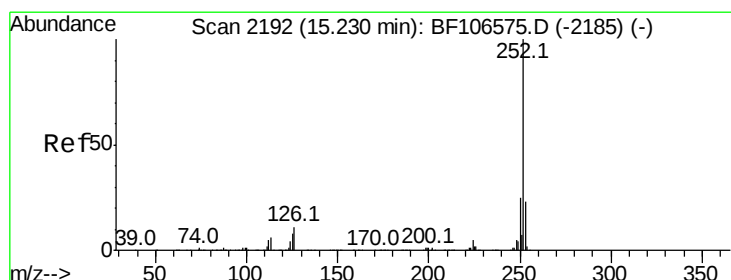
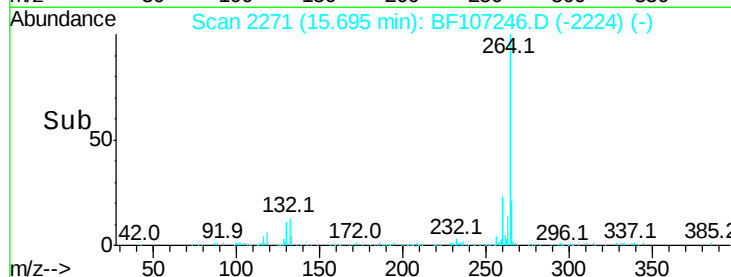
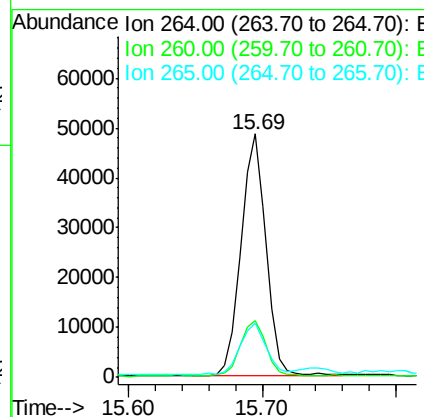
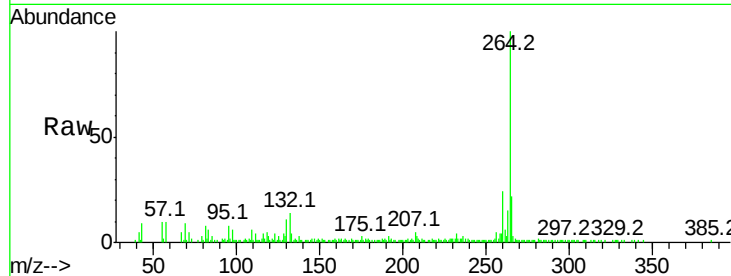
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3

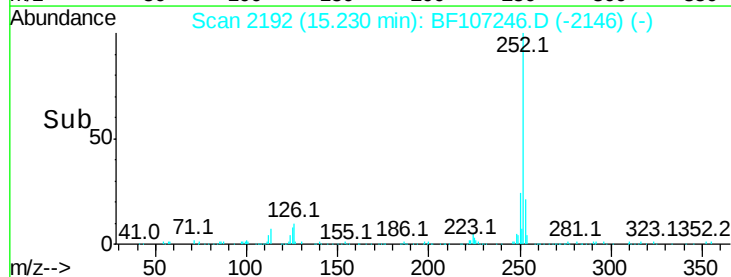
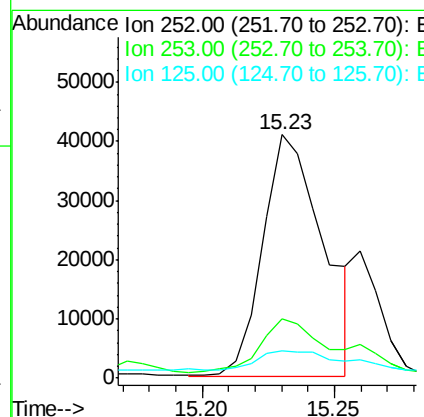
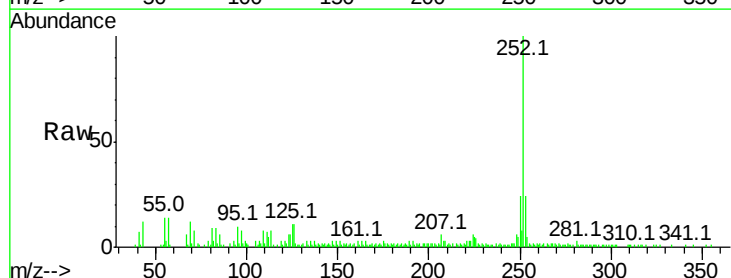
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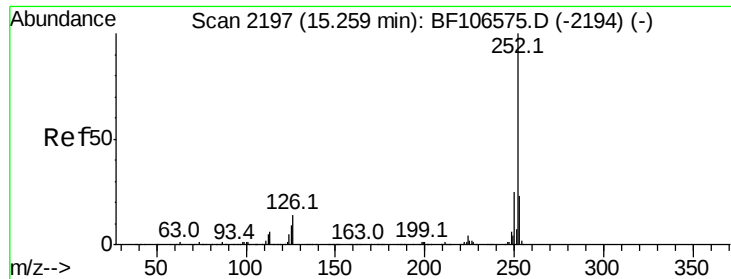
Sohil
7/10/2018 2:47:06 PM



#87
Benzo(b)fluoranthene
Concen: 16.581 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	11.4	9.0	13.6





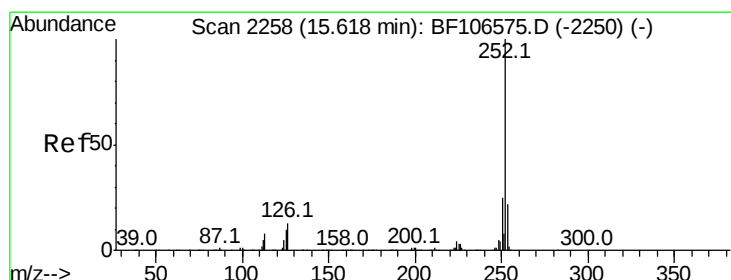
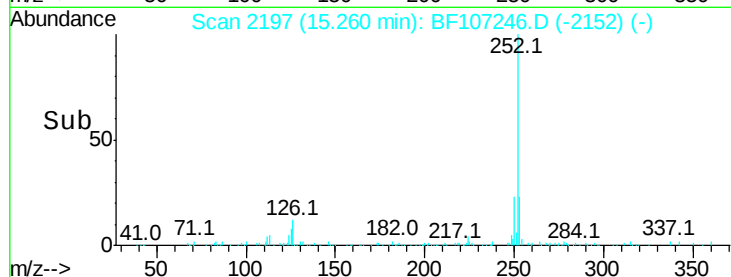
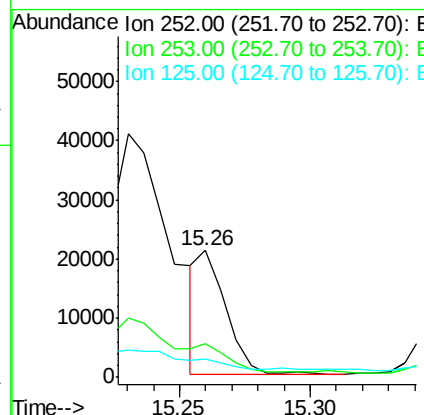
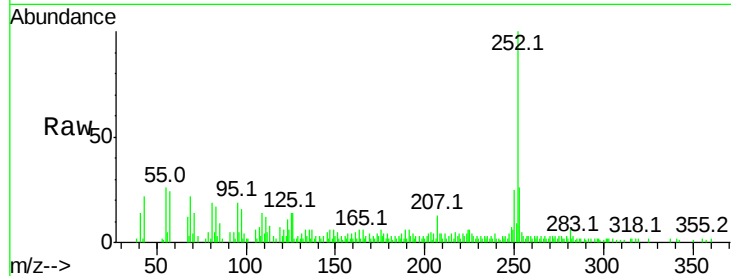
#88
Benzo(k)fluoranthene
Concen: 4.188 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19

Tot Ion	Ratio	Resp	Lower	Upper
252	100	15612		
253	26.3		17.9	26.9
125	14.5		10.2	15.2

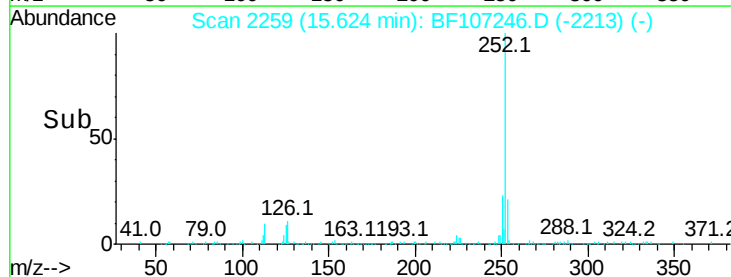
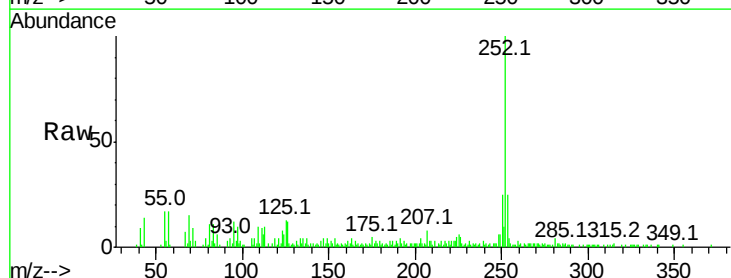
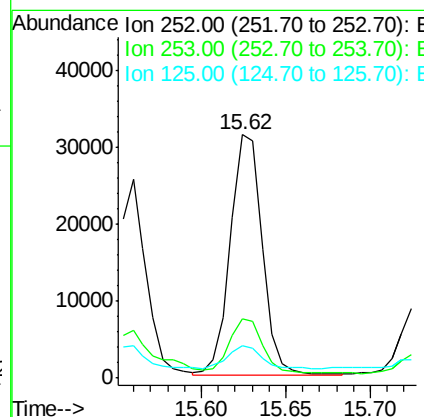
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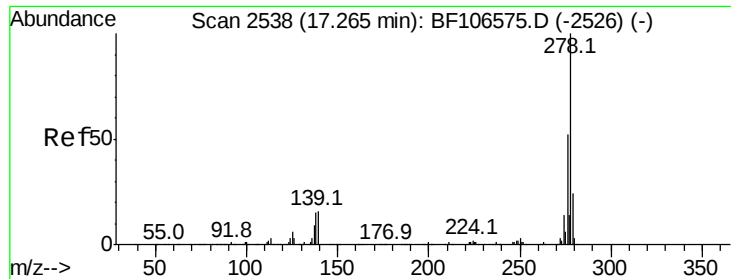
Sohil
7/10/2018 2:47:06 PM



#89
Benzo(a)pyrene
Concen: 11.813 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	41110		
253	24.5		17.1	25.7
125	13.2		9.8	14.6





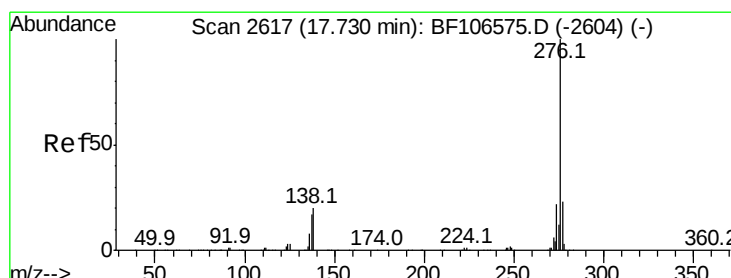
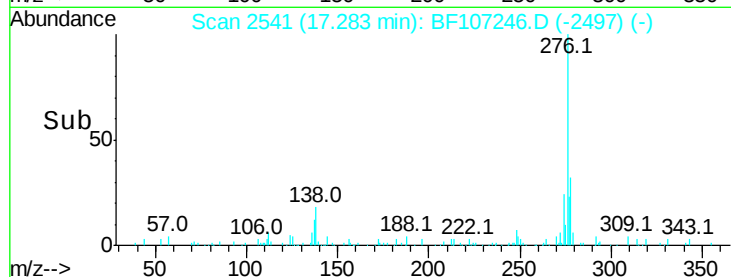
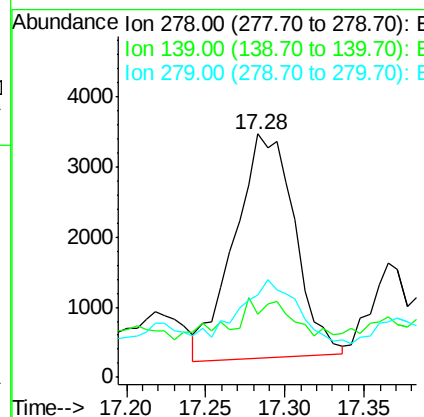
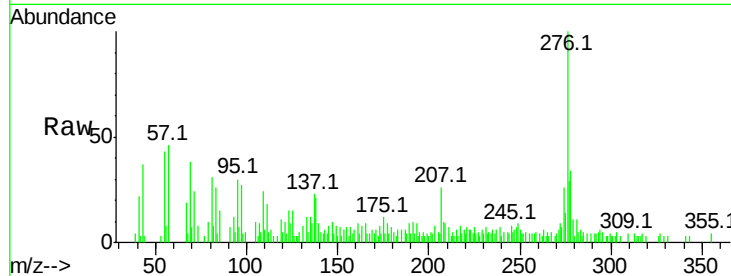
#90
Dibenzo(a,h)anthracene
Concen: 2.873 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.7	15.9	23.9#
279	33.6	19.0	28.4#

Manual Integrations
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7/10/2018 2:47:06 PM



#91
Benzo(g,h,i)perylene
Concen: 8.935 ng
RT: 17.78 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BF107246.D
Acq: 9 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	19.9	21.8	32.8#

