

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107142.D
 Acq On : 5 Jul 2018 22:15
 Operator : JU/SJ
 Sample : J3815-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 964

Manual Integrations
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 7/6/2018 8:45:32 AM

Quant Time: Jul 06 04:59:05 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	55351	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	204738	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	90451	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	158017	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	169532	20.00	ng	-0.03
86) Perylene-d12	15.67	264	126651	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	283487	86.73	ng	-0.01
7) Phenol-d6	6.60	99	347928	85.23	ng	-0.02
23) Nitrobenzene-d5	7.51	82	213907	58.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	91470	87.25	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	401220	73.00	ng	-0.02
78) Terphenyl-d14	13.07	244	449024	64.16	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	67078	9.888	ng	99
70) Phenanthrene	11.51	178	59746	7.839	ng	97
71) Anthracene	11.56	178	20620	2.651	ng	97
74) Fluoranthene	12.71	202	142704	16.988	ng	95
77) Pyrene	12.94	202	148831	13.313	ng	99
80) Benzo(a)anthracene	14.12	228	80212	7.763	ng	98
82) Chrysene	14.17	228	79567	8.370	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	52781	8.982	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.25	276	26746	3.316	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	81085m	10.306	ng	
88) Benzo(k)fluoranthene	15.24	252	22423m	2.993	ng	
89) Benzo(a)pyrene	15.61	252	49936	7.140	ng	97
91) Benzo(a,h,i)perylene	17.74	276	24737	4.270	ng	94

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

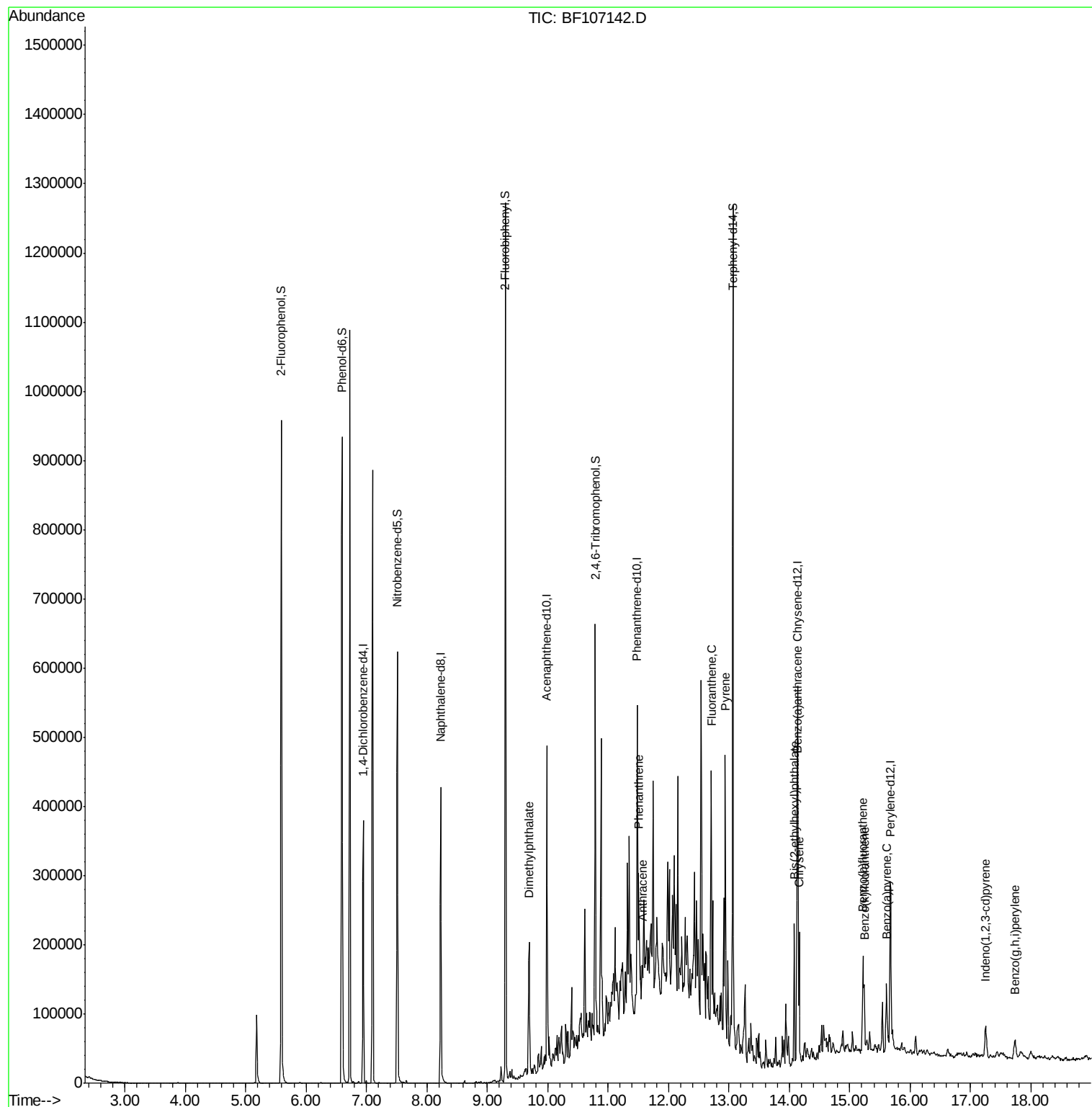
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
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#1

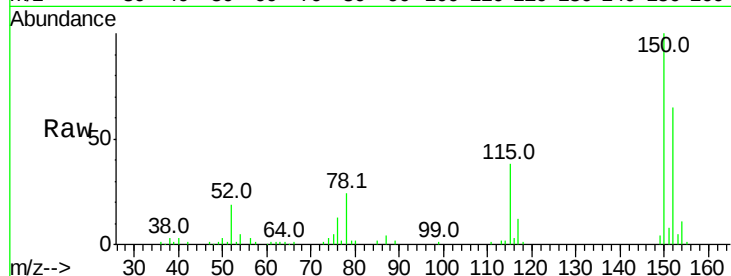
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampled :
964

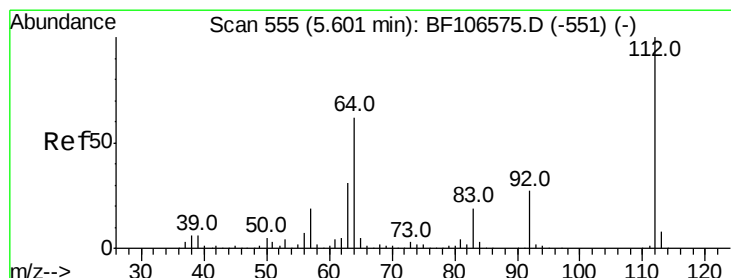
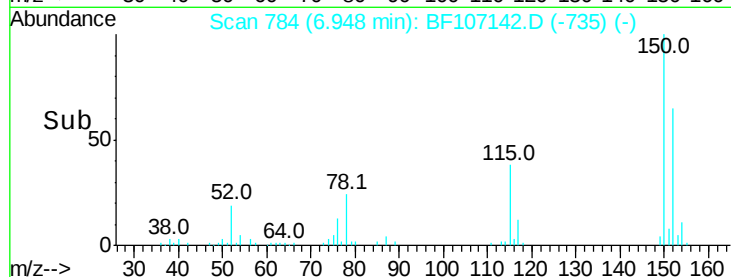
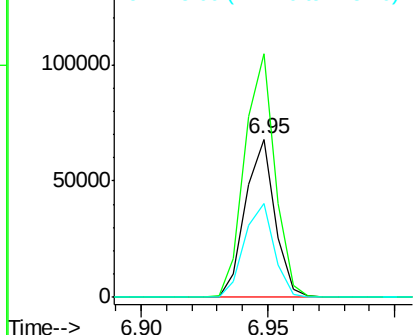
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.0	50.1	75.1

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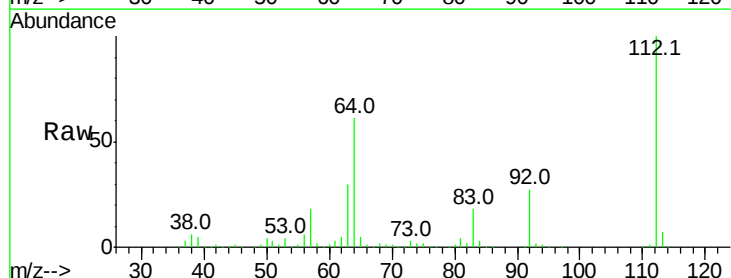
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



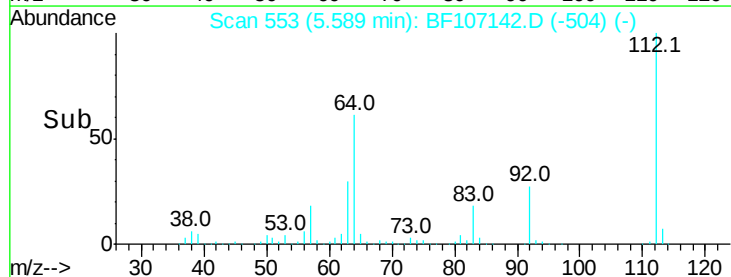
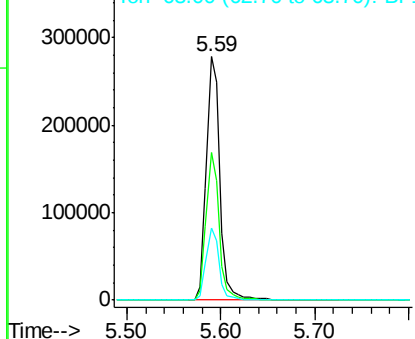
#5

2-Fluorophenol
Concen: 86.725 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	29.6	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: 85.233 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Instrument :

BNA_F

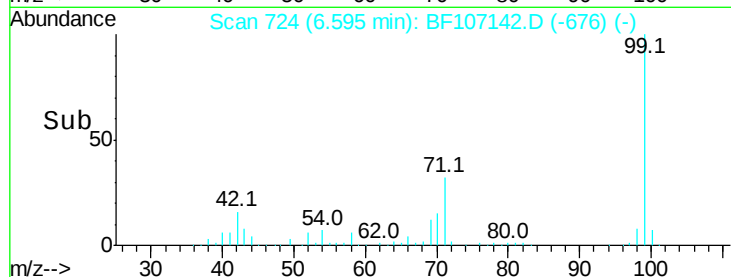
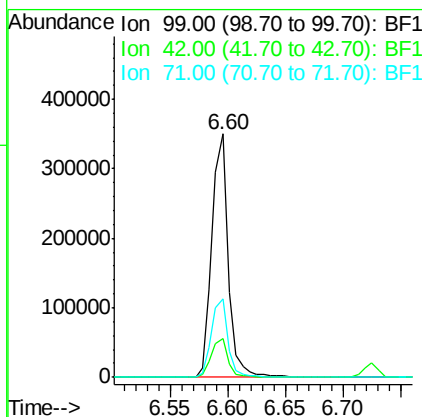
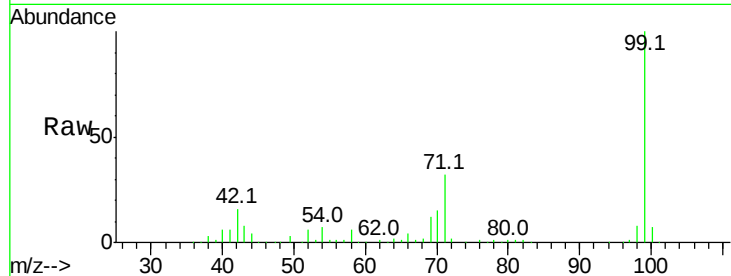
ClientSampled :

964

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		347928		
42	15.8	14.5	21.7		
71	32.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

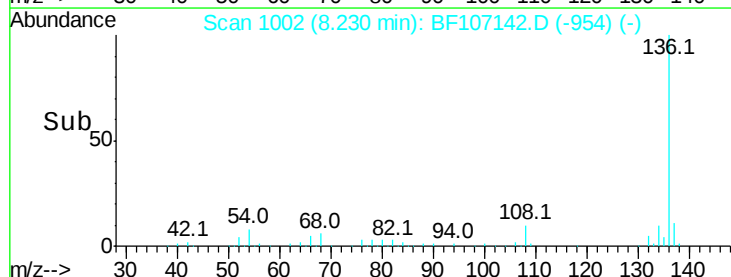
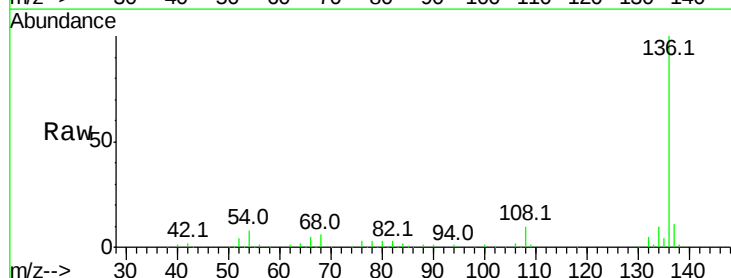
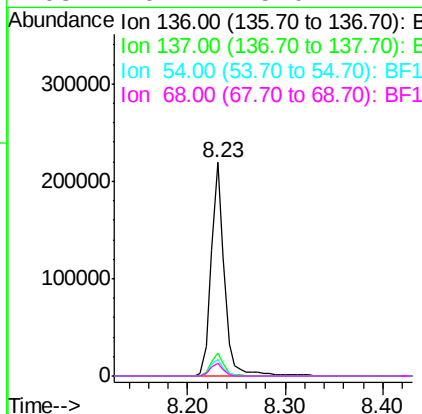
RT: 8.23 min Scan# 1002

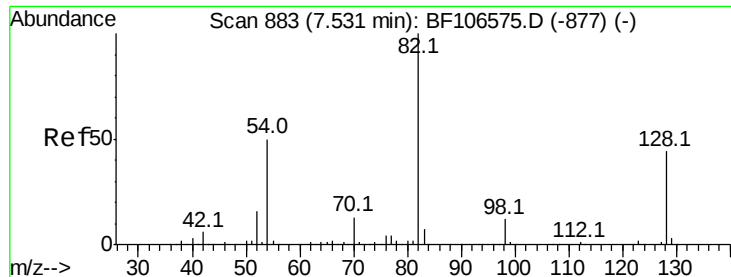
Delta R.T. -0.02 min

Lab File: BF107142.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		204738		
137	11.1	8.9	13.3		
54	7.5	6.6	9.8		
68	6.1	5.0	7.4		





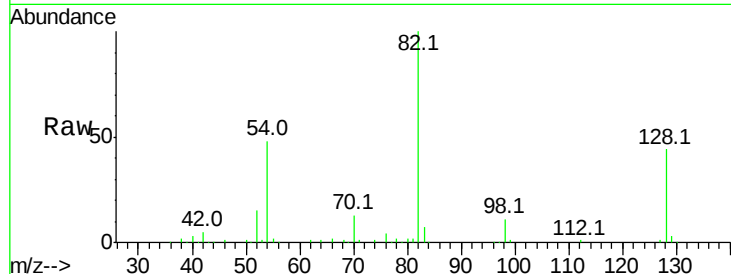
#23
Nitrobenzene-d5
Concen: 58.062 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampled :
964

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	47.6	41.4	62.2

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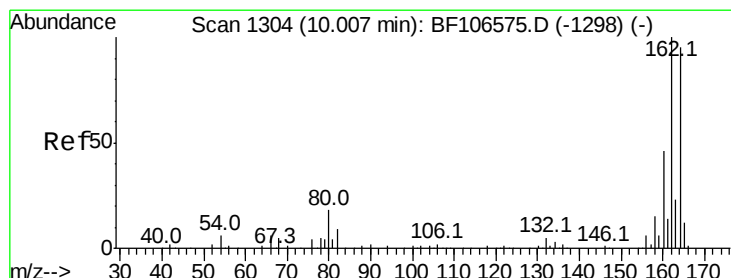
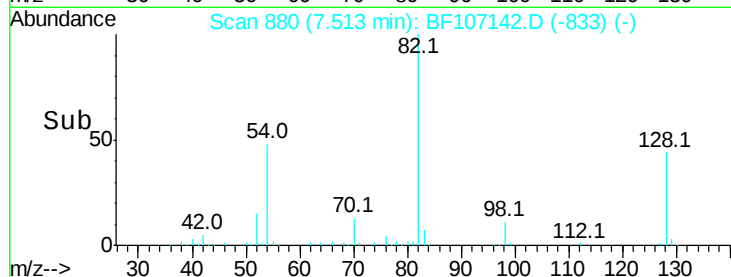
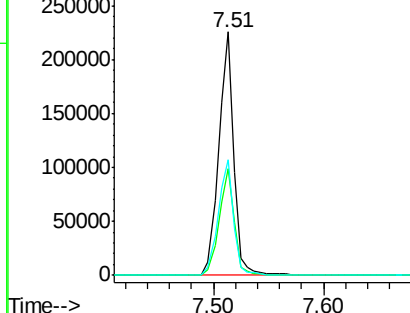


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

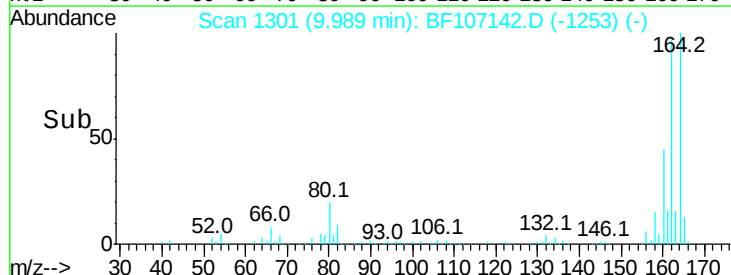
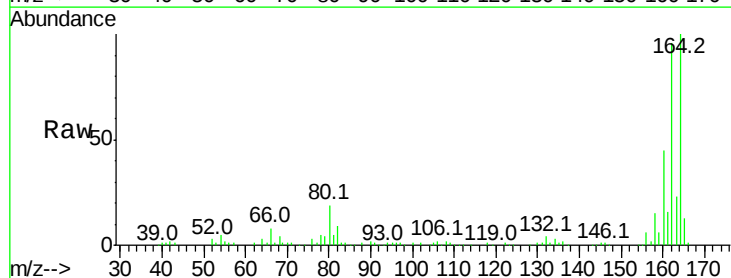
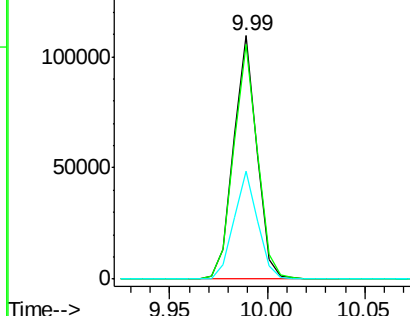
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	86.1	129.1
160	44.6	38.3	57.5

Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





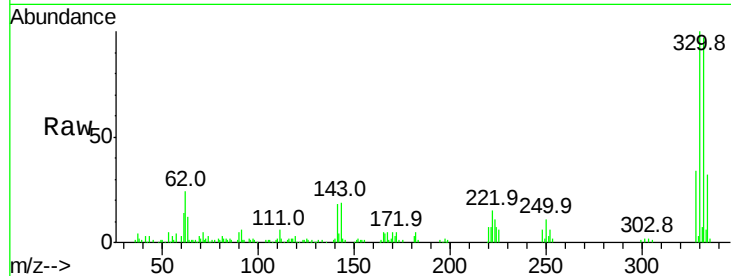
#41
 2,4,6-Tribromophenol
 Concen: 87.251 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107142.D
 Acq: 5 Jul 2018 22:15

Instrument :
 BNA_F
 ClientSampled :
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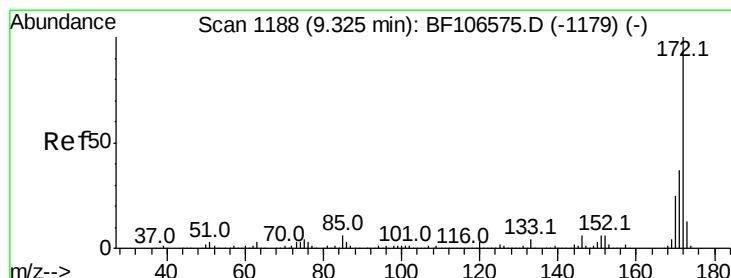
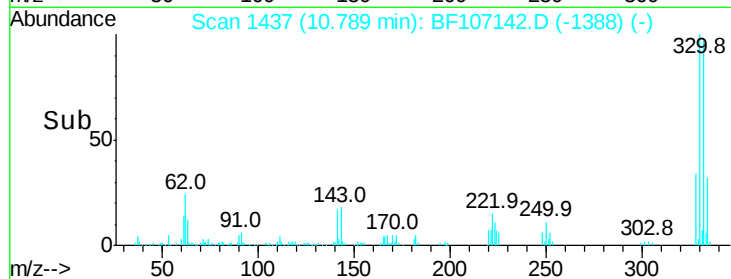
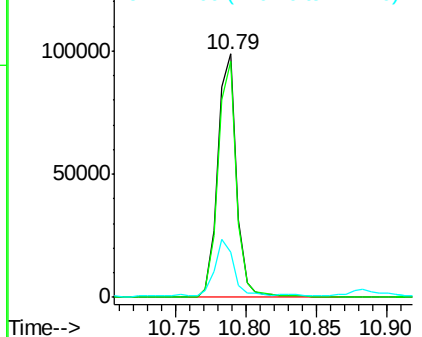
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.0	29.9	44.9#

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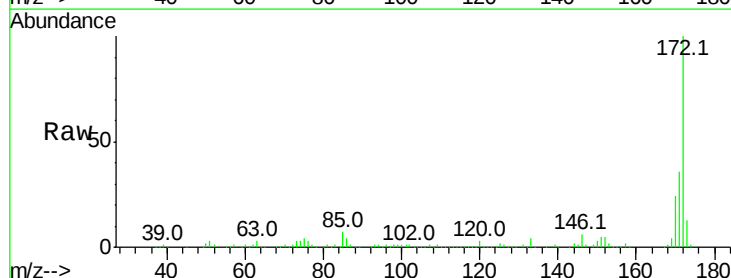


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

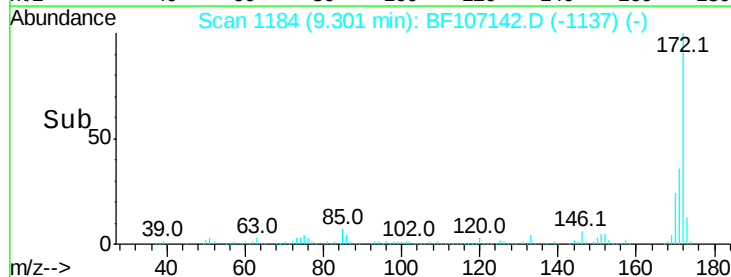
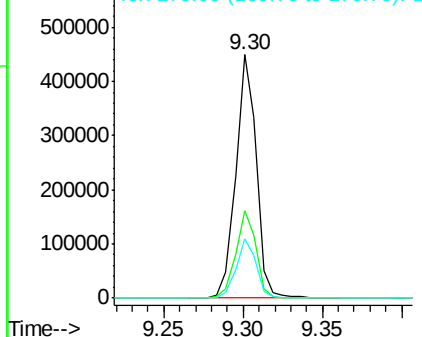


#44
 2-Fluorobiphenyl
 Concen: 72.998 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107142.D
 Acq: 5 Jul 2018 22:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.3	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: 9.888 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Instrument :

BNA_F

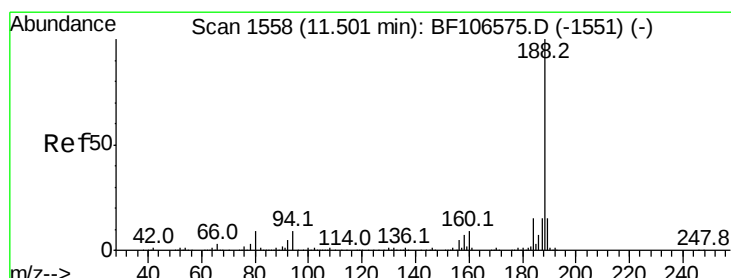
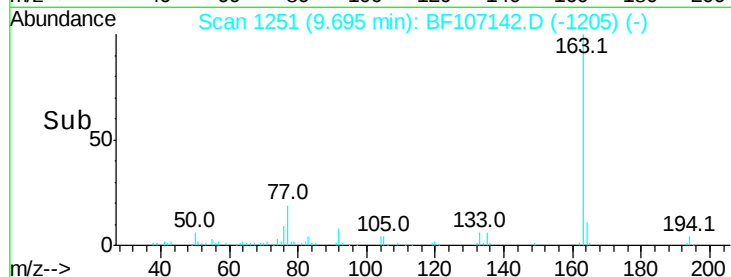
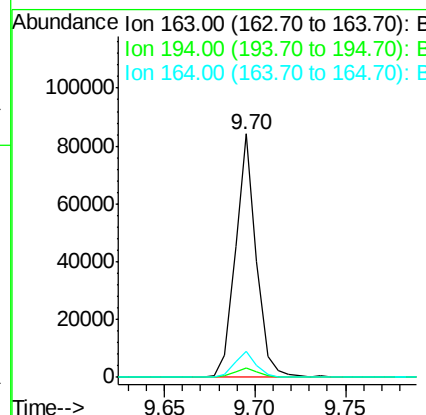
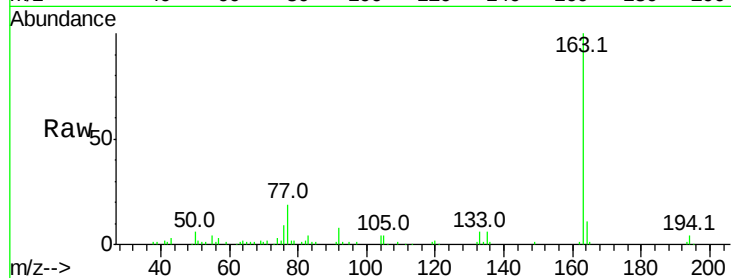
ClientSampled :

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Tot Ion:	163	Resp:	67078
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

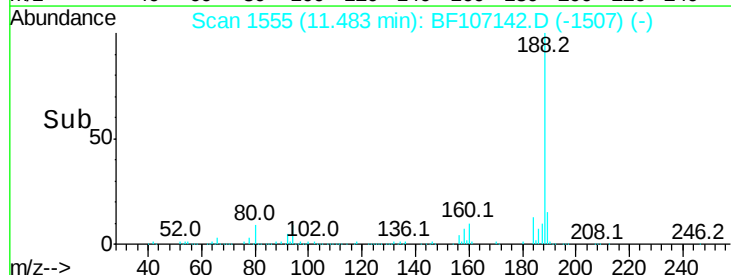
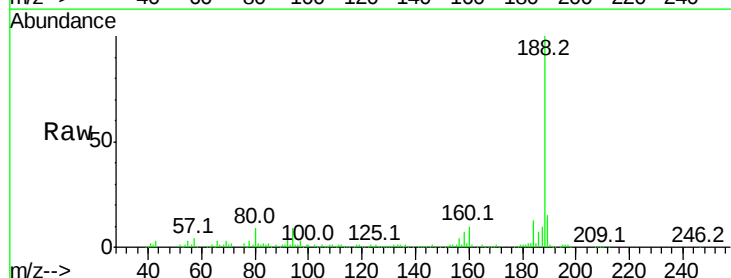
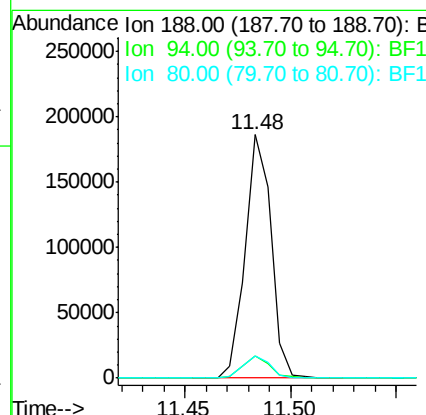
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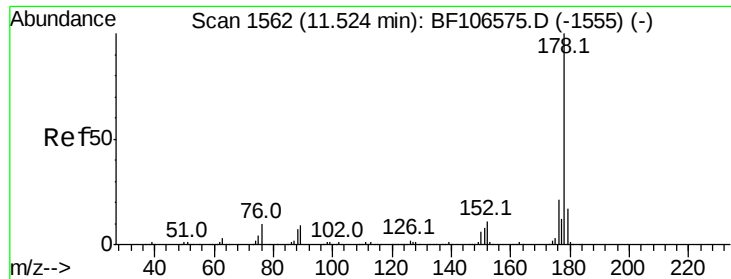
Delta R.T. -0.02 min

Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Tgt Ion:	188	Resp:	158017
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.5	12.7
80	9.3	9.2	13.8





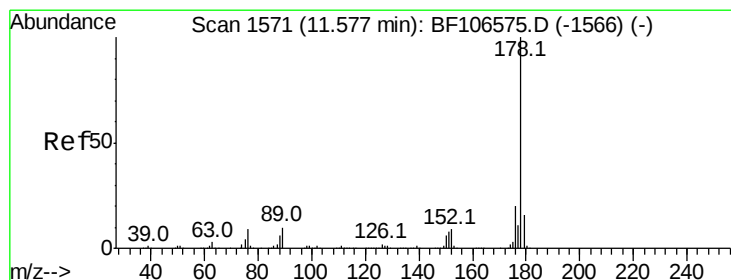
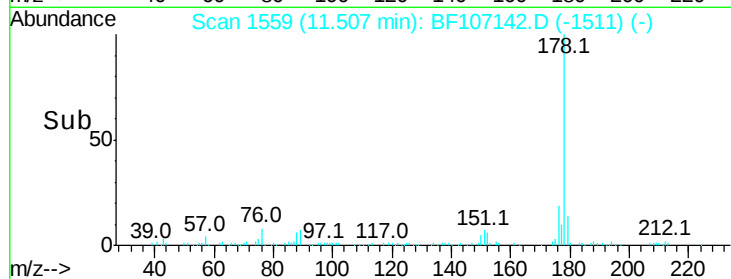
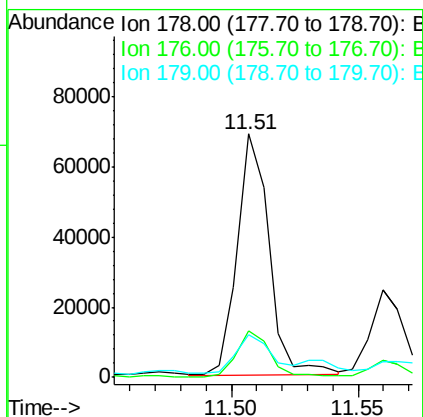
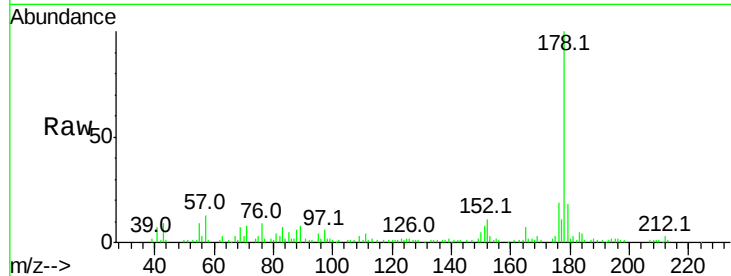
#70
Phenanthrene
Concen: 7.839 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :
964

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	17.7	13.0	19.6

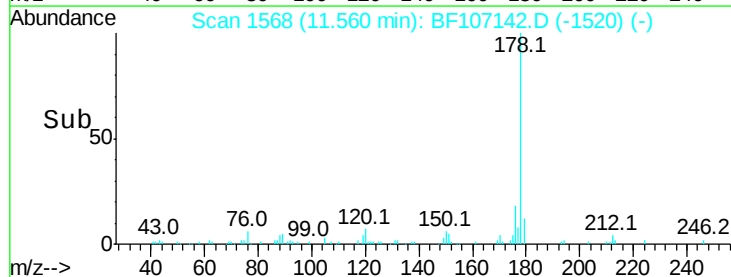
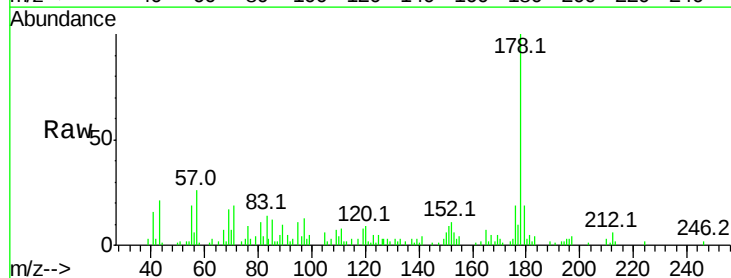
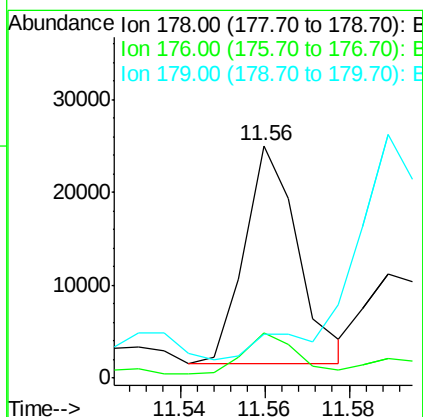
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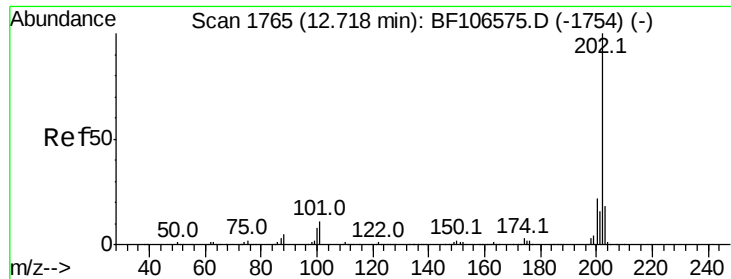
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#71
Anthracene
Concen: 2.651 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	18.6	12.6	19.0





#74

Fluoranthene

Concen: 16.988 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Instrument :

BNA_F

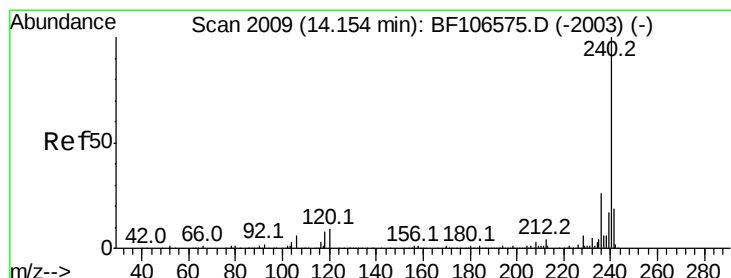
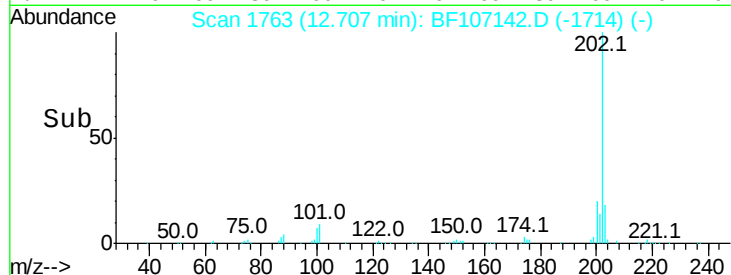
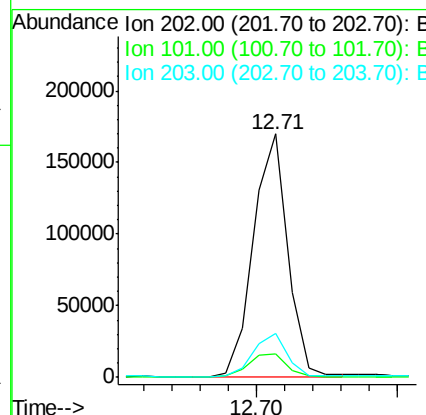
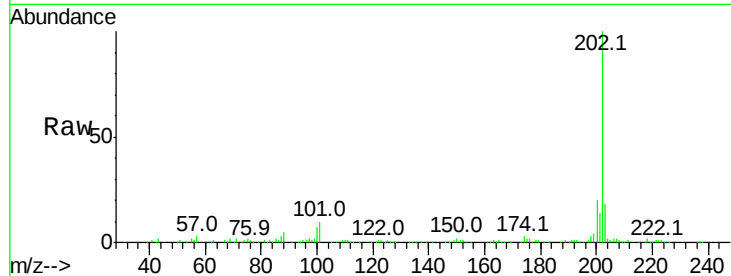
ClientSampled :

964

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

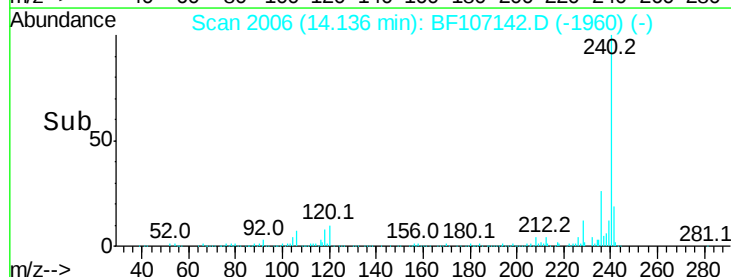
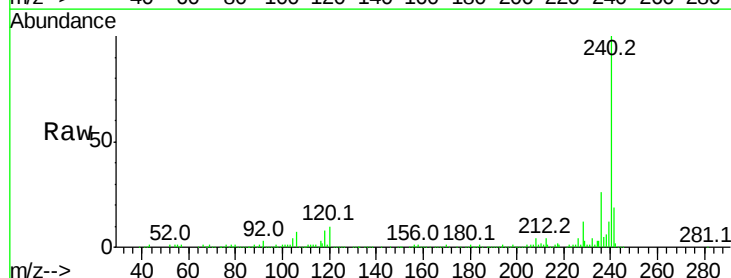
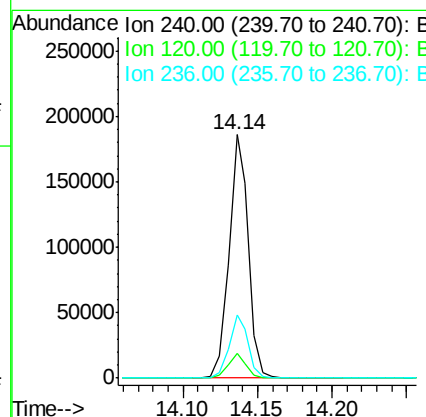
RT: 14.14 min Scan# 2006

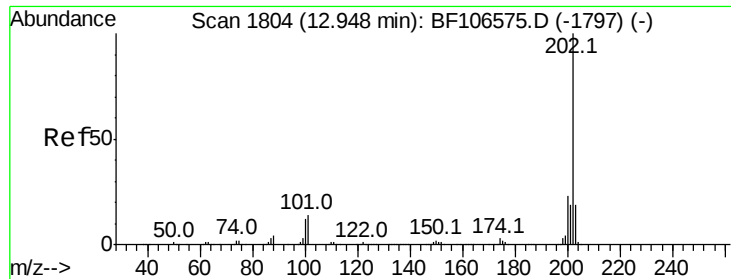
Delta R.T. -0.03 min

Lab File: BF107142.D

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Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.7	20.7	31.1





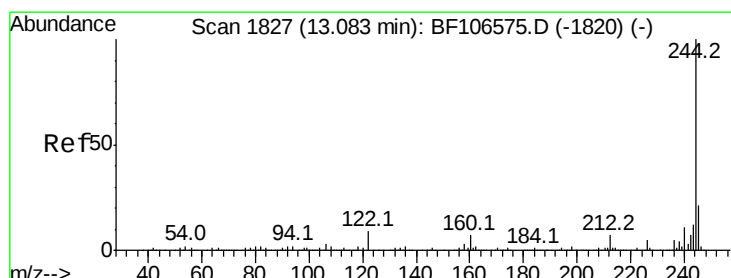
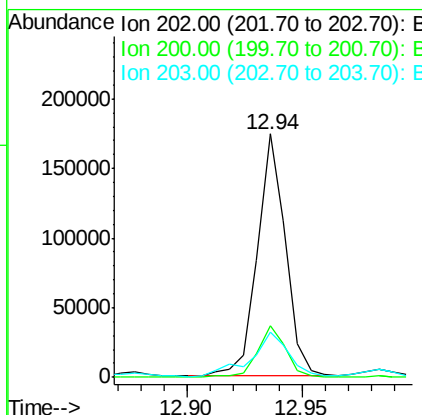
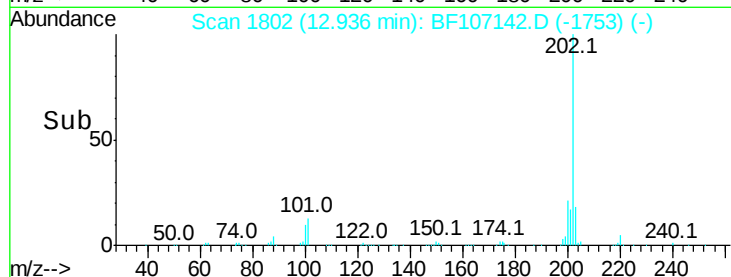
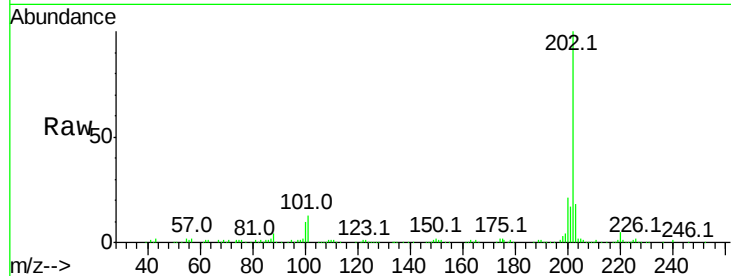
#77
Pvrene
Concen: 13.313 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :
964

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.5	14.3	21.5

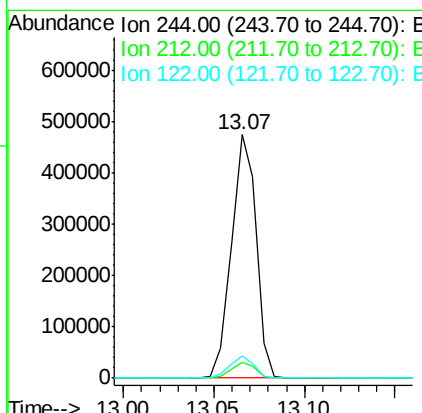
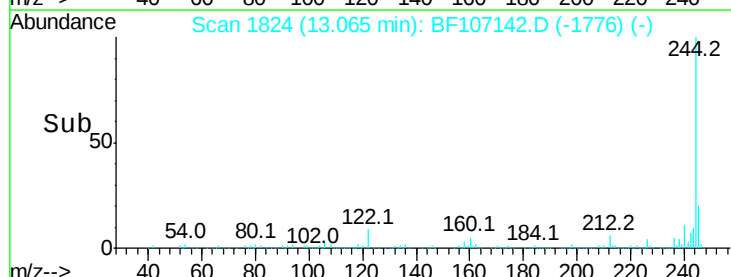
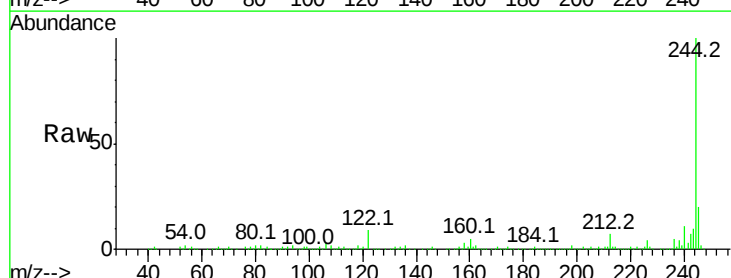
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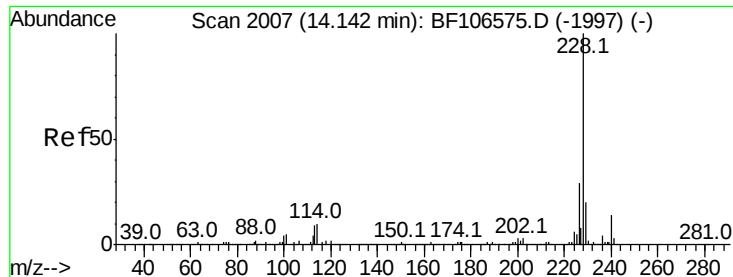
Sohil
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#78
Terphenyl-d14
Concen: 64.157 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.3	11.0	16.4#





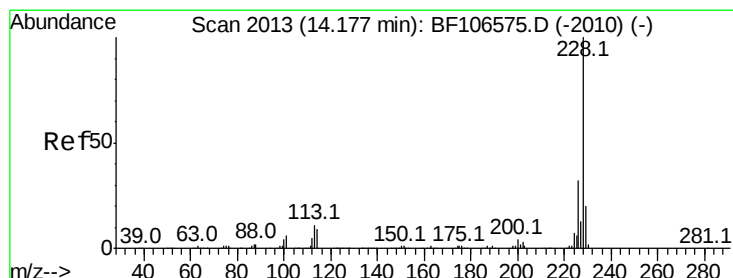
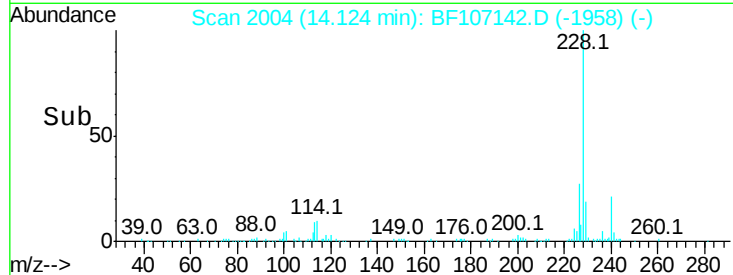
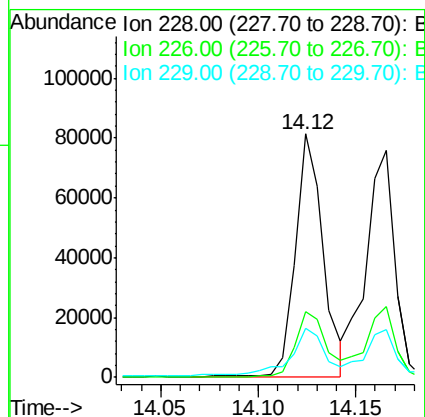
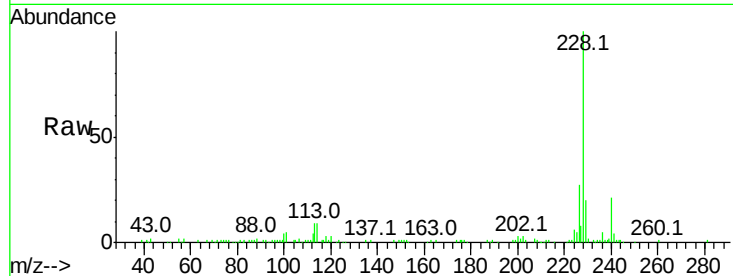
#80
Benzo(a)anthracene
Concen: 7.763 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampled :
964

Tot Ion:228	Resp:	80212
Ion Ratio	Lower	Upper
228 100		
226 27.0	22.6	33.8
229 20.0	15.8	23.6

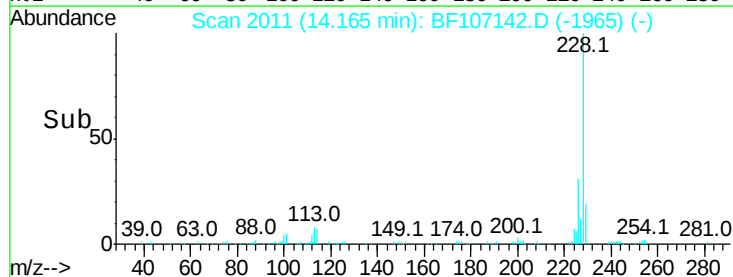
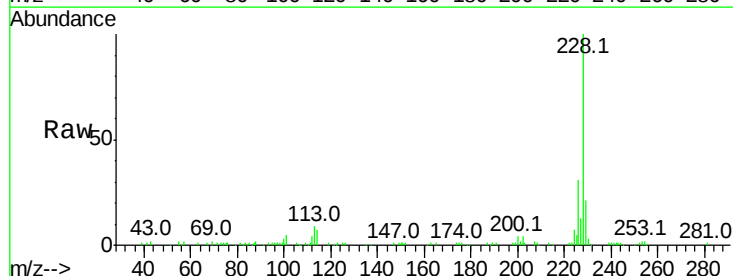
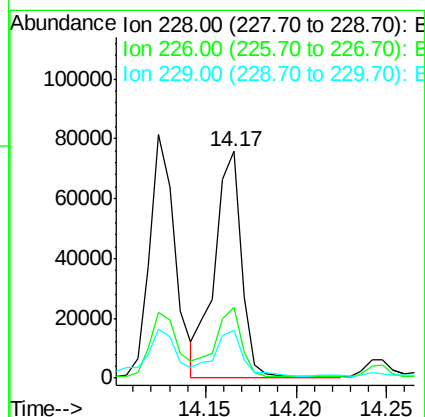
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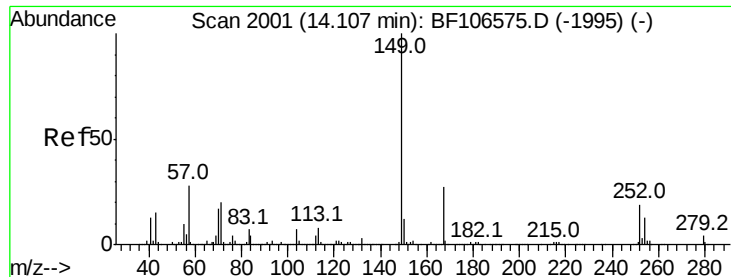
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#82
Chrysene
Concen: 8.370 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:228	Resp:	79567
Ion Ratio	Lower	Upper
228 100		
226 31.3	25.0	37.6
229 21.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.982 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Instrument :

BNA_F

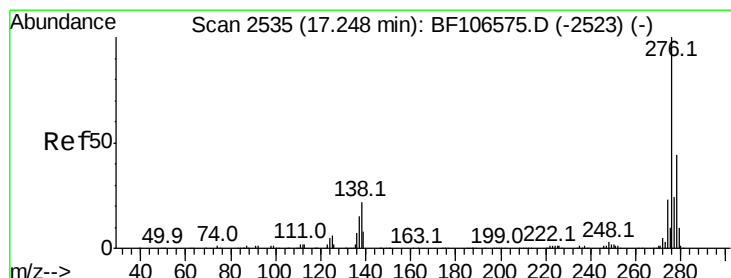
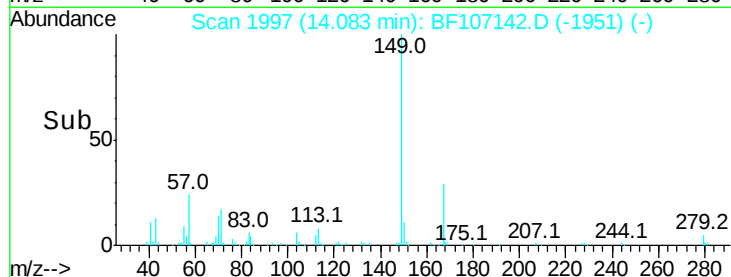
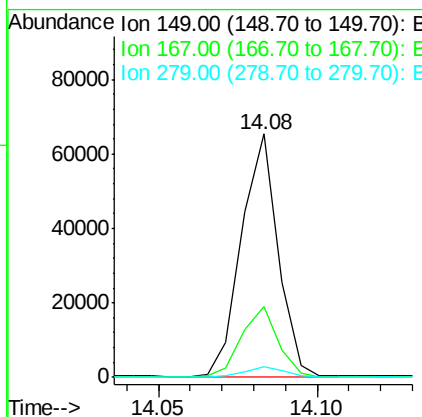
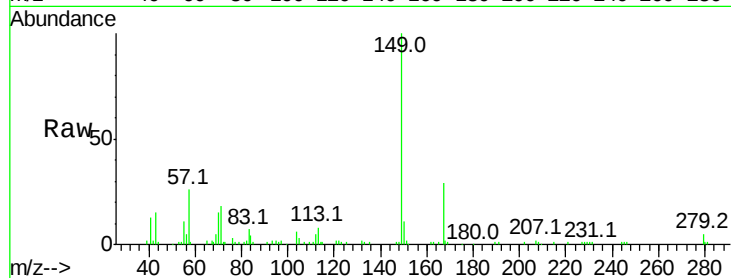
ClientSampleId :

964

Tot Ion:	149	Resp:	52781
Ion Ratio	Lower	Upper	
149	100		
167	29.0	21.3	31.9
279	4.6	3.0	4.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.316 ng

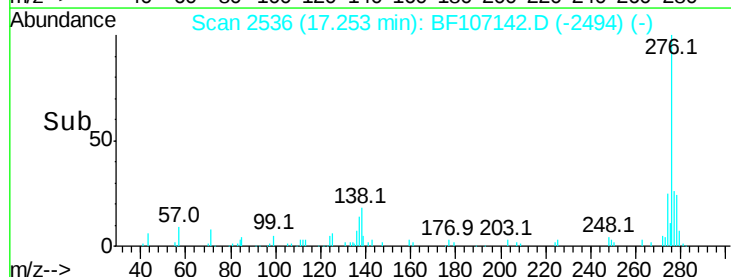
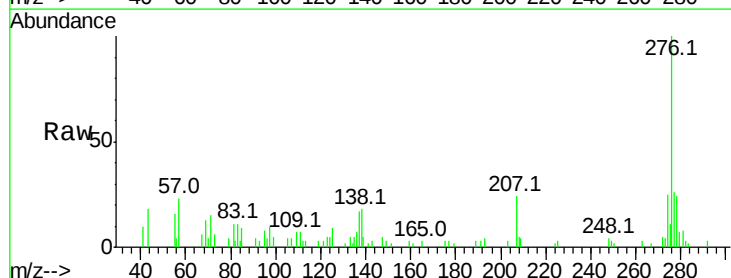
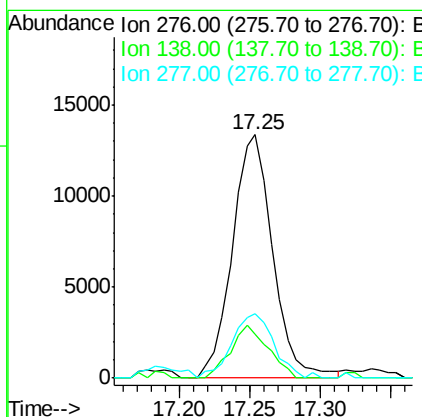
RT: 17.25 min Scan# 2536

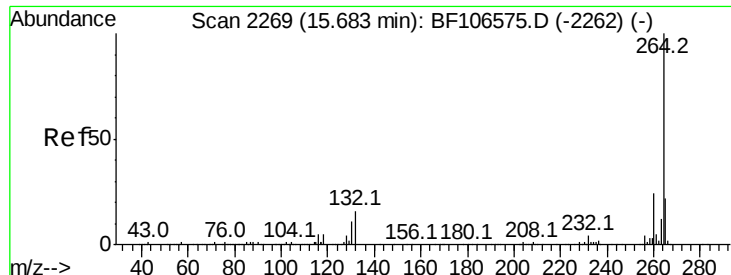
Delta R.T. -0.05 min

Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Tgt Ion:	276	Resp:	26746
Ion Ratio	Lower	Upper	
276	100		
138	20.1	25.0	37.6#
277	27.6	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Instrument :

BNA_F

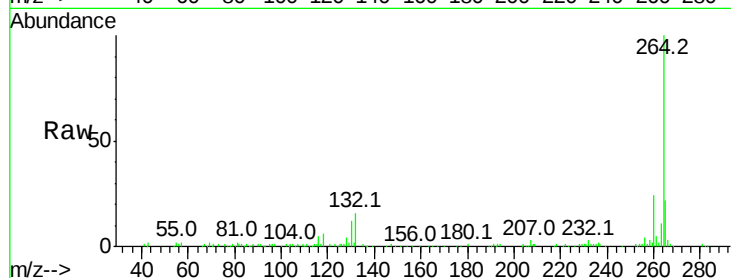
ClientSampleId :

964

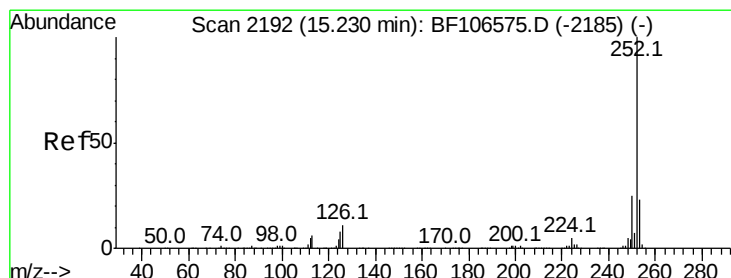
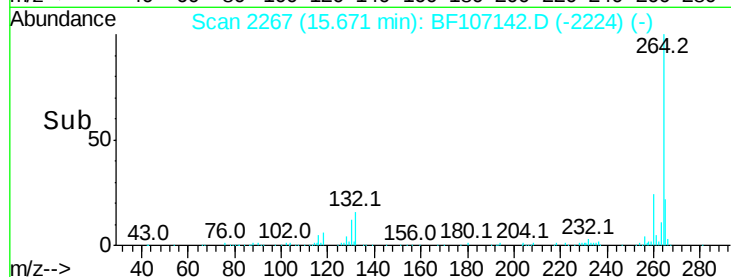
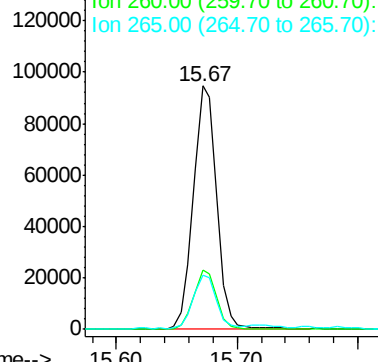
Tot Ion:	264	Resp:	126651
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	22.1	17.5	26.3

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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: 10.306 ng m

RT: 15.22 min Scan# 2190

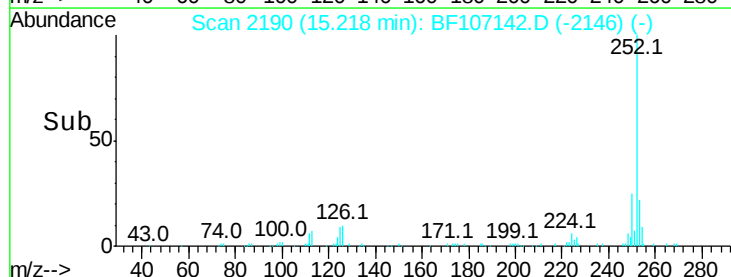
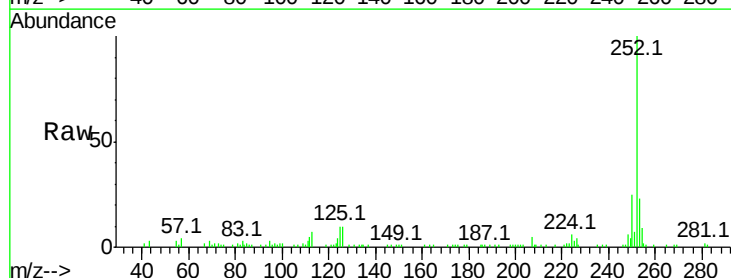
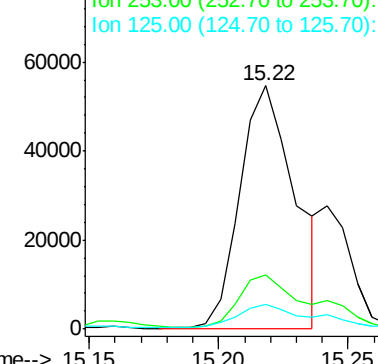
Delta R.T. -0.04 min

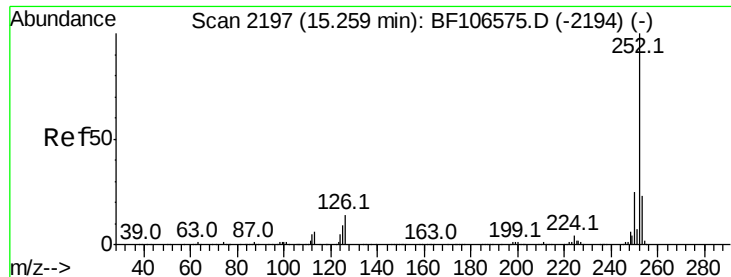
Lab File: BF107142.D

Acq: 5 Jul 2018 22:15

Tgt Ion:	252	Resp:	81085
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	10.3	9.0	13.6

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





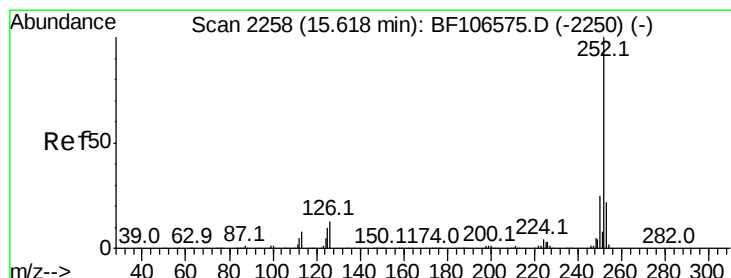
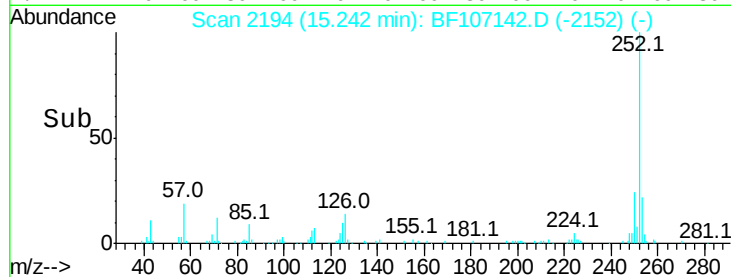
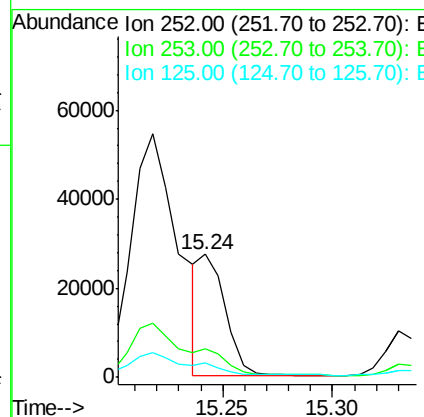
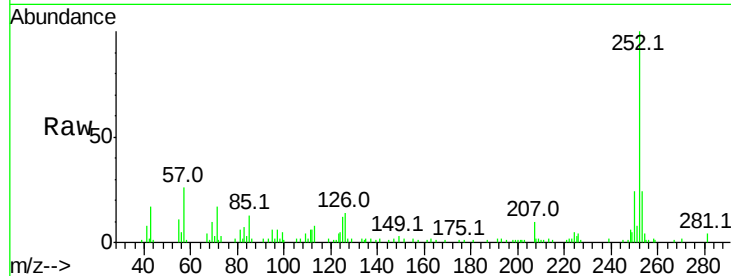
#88
Benzo(k)fluoranthene
Concen: 2.993 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampled :
964

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	12.1	10.2	15.2

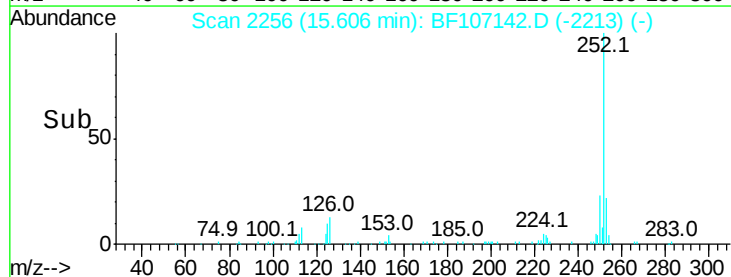
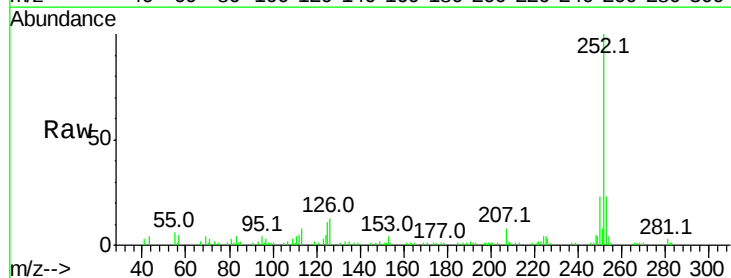
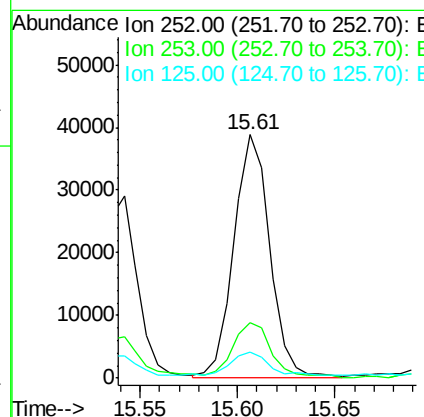
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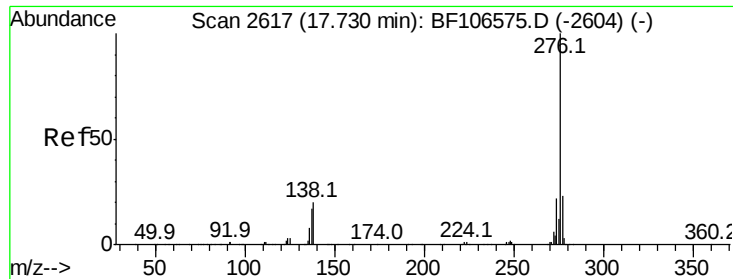
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#89
Benzo(a)pyrene
Concen: 7.140 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.270 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF107142.D
 Acq: 5 Jul 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 964

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	22.7	21.8	32.8

Manual Integrations
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