

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107025.D
 Acq On : 30 Jun 2018 19:57
 Operator : JU/SJ
 Sample : J3629-15 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C22-01

Manual Integrations
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Quant Time: Jul 02 07:11:47 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	71334	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	251512	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	109069	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	222363	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	193784	20.00	ng	-0.02
86) Perylene-d12	15.68	264	134671	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	219431	52.09	ng	0.00
7) Phenol-d6	6.60	99	262675	49.93	ng	-0.02
23) Nitrobenzene-d5	7.51	82	141071	31.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	64904	51.34	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	233327	25.96	ng	-0.02
78) Terphenyl-d14	13.07	244	283052	35.38	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	4658	1.096	ng	86
49) Dimethylphthalate	9.70	163	27560	3.369	ng	97
66) 4-Bromophenyl-phenylether	10.79	248	4050	1.526	ng	# 1
70) Phenanthrene	11.51	178	26742	2.493	ng	99
74) Fluoranthene	12.71	202	56588	4.787	ng	94
77) Pyrene	12.94	202	64276	5.030	ng	99
80) Benzo(a)anthracene	14.13	228	25484	2.158	ng	# 90
82) Chrysene	14.17	228	26768m	2.464	ng	
83) Bis(2-ethylhexyl)phthalate	14.09	149	20034	2.983	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.25	276	11476	1.245	ng	92
87) Benzo(b)fluoranthene	15.22	252	22320m	2.668	ng	
89) Benzo(a)pyrene	15.61	252	16018m	2.154	ng	
91) Benzo(a,h,i)perylene	17.74	276	13134m	2.132	ng	

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

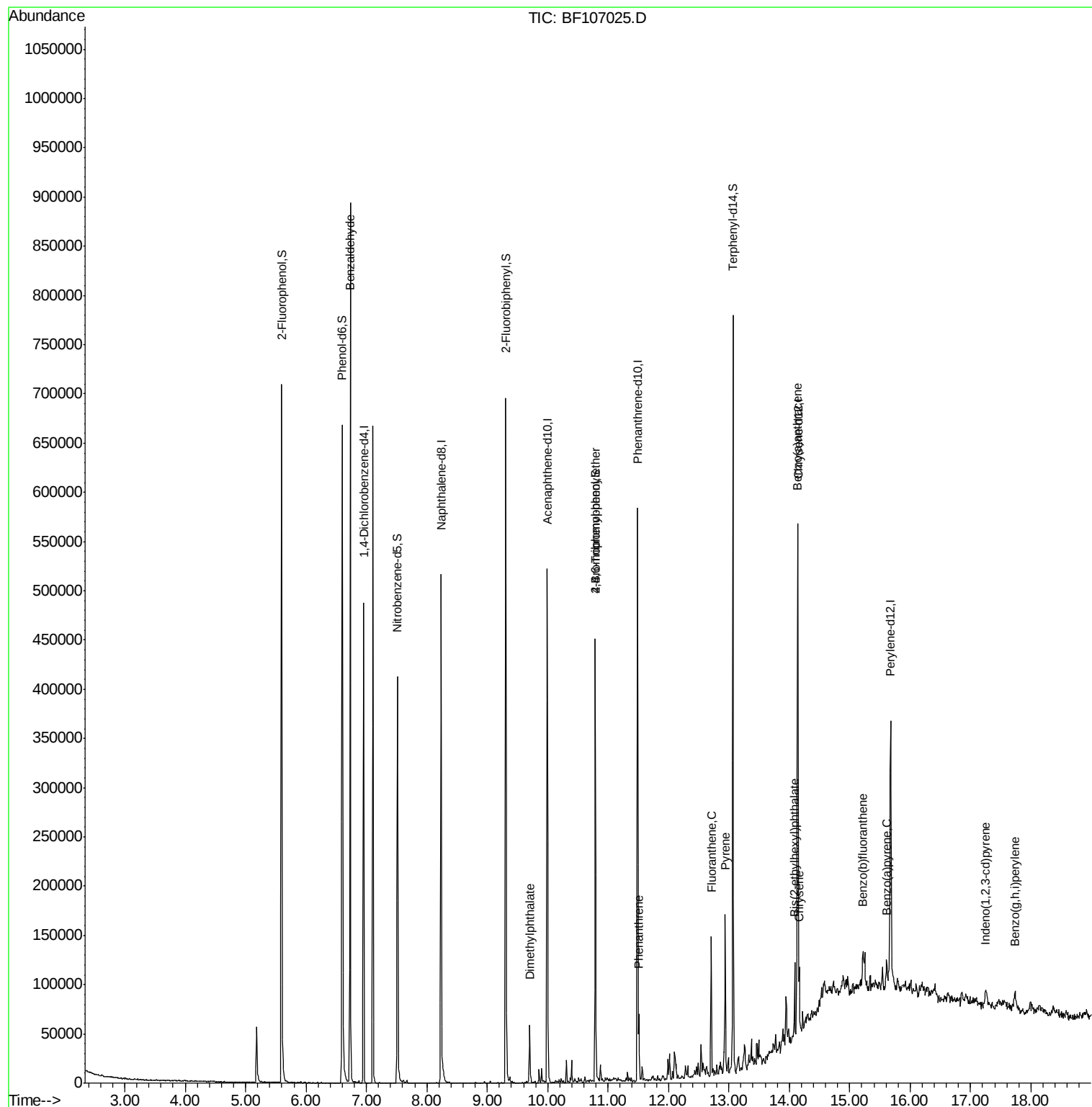
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107025.D
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ALS Vial : 22 Sample Multiplier: 1

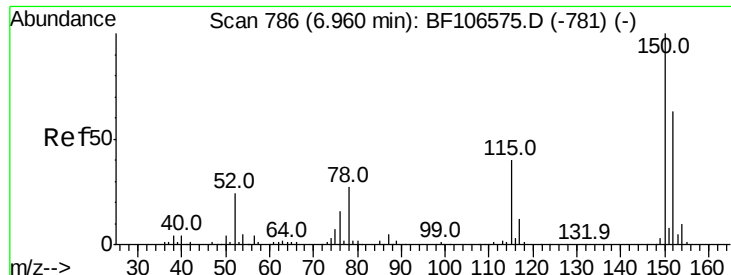
Instrument :
BNA_F
ClientSampleId :
A0C22-01

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

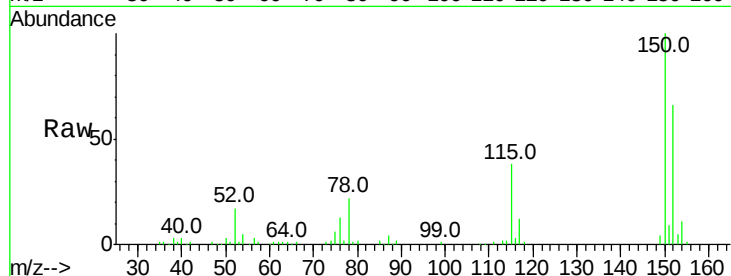
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Instrument :
BNA_F
ClientSampleId :
A0C22-01

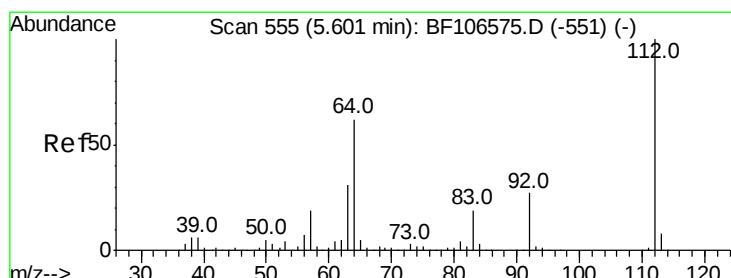
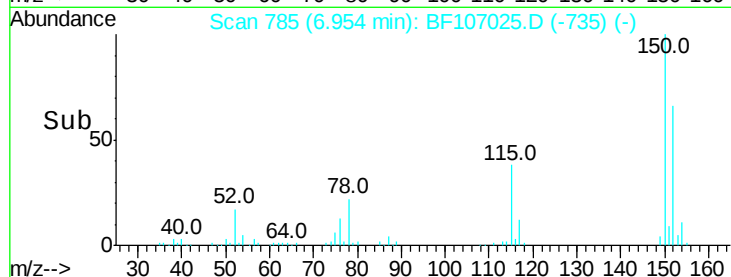
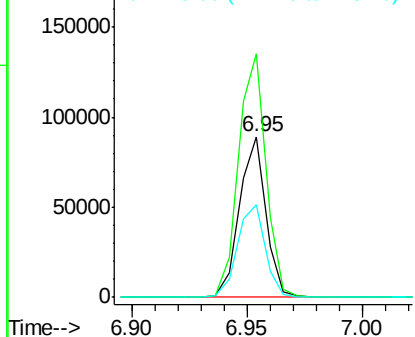
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	57.5	50.1	75.1

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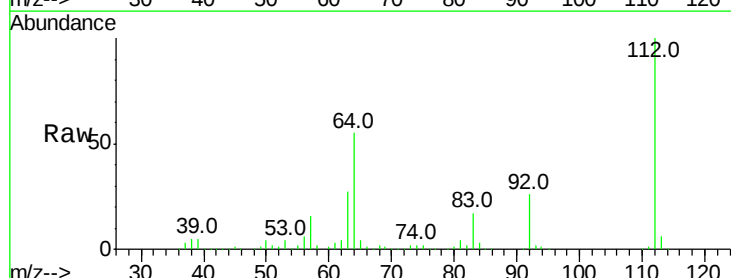
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



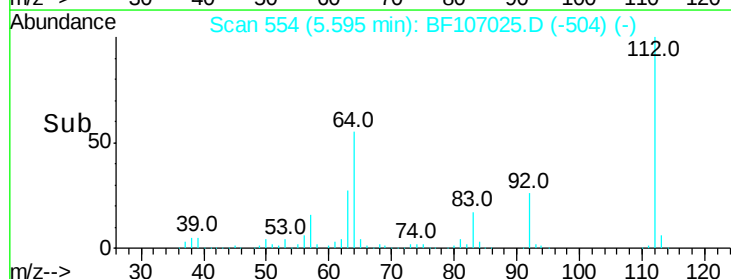
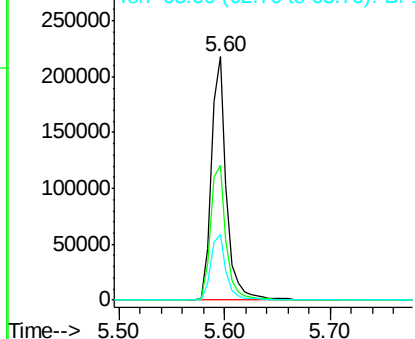
#5

2-Fluorophenol
Concen: 52.088 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.2	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: 49.930 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Instrument :

BNA_F

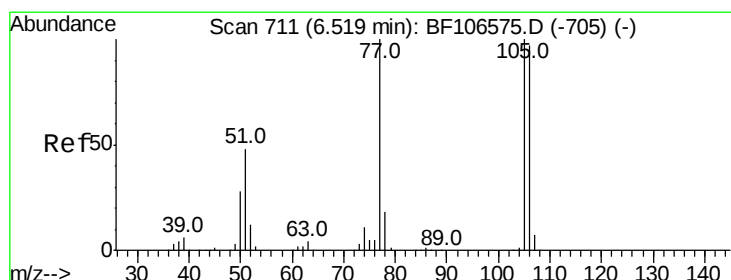
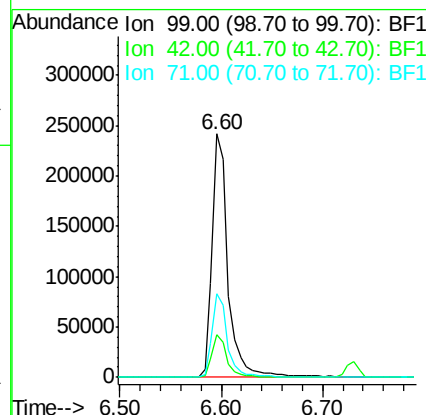
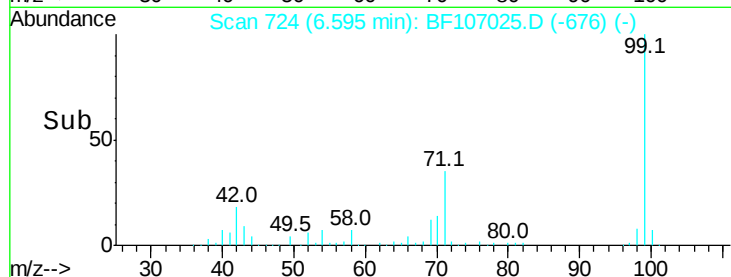
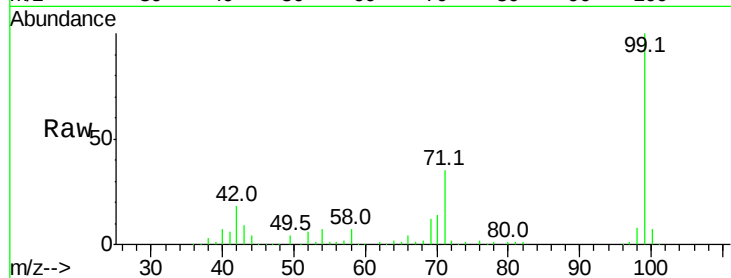
ClientSampleId :

A0C22-01

Tot Ion:	99	Resp:	262675
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.5	21.7
71	34.6	25.4	38.0

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#9

Benzaldehyde

Concen: 1.096 ng

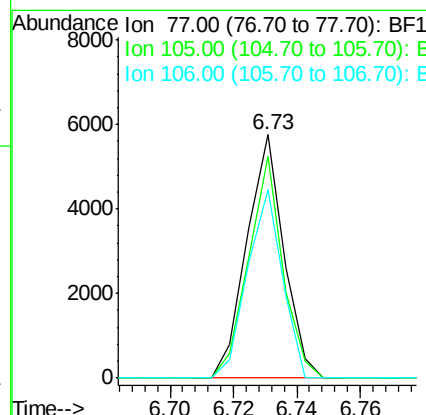
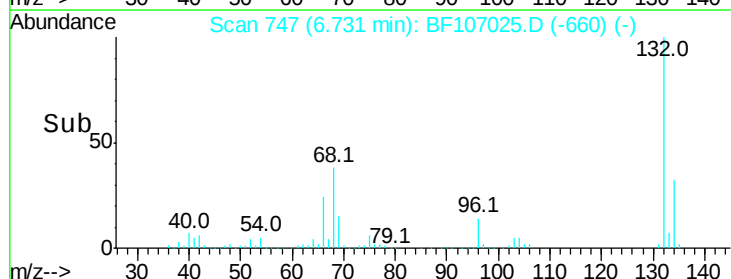
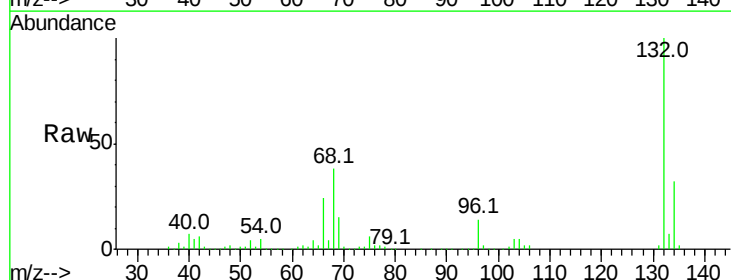
RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Tgt Ion:	77	Resp:	4658
Ion Ratio	Lower	Upper	
77	100		
105	91.1	81.1	121.1
106	77.5	74.5	114.5





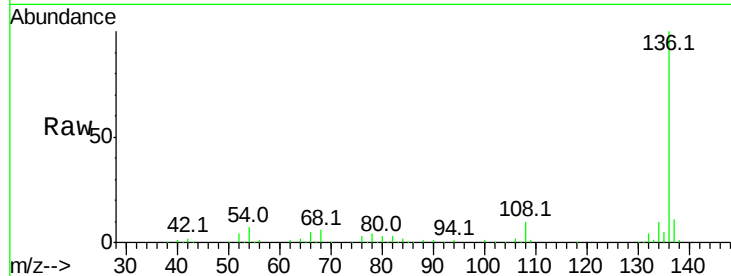
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Instrument :
BNA_F
ClientSampleId :
A0C22-01

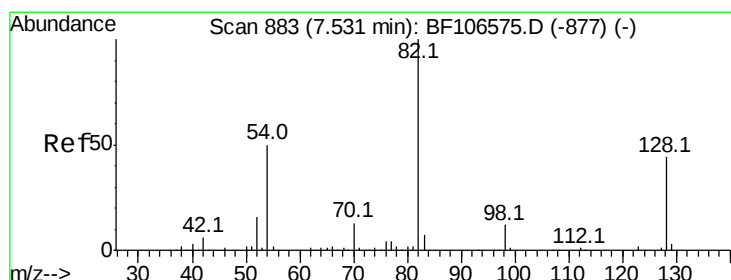
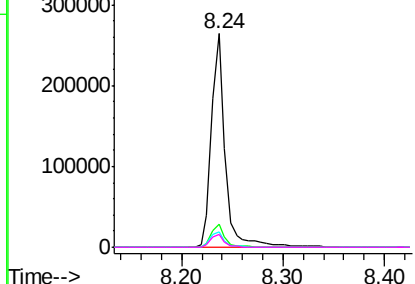
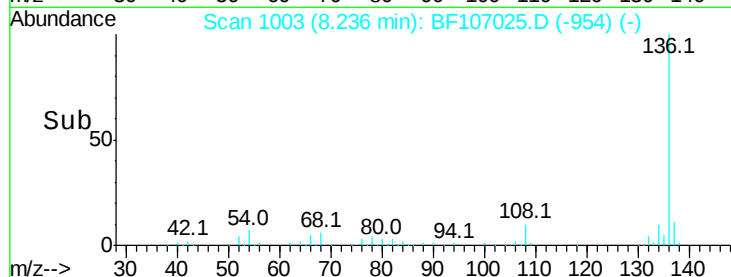
Tot Ion	Ratio	Resp	Lower	Upper
136	100	251512		
137	10.6		8.9	13.3
54	7.2		6.6	9.8
68	6.1		5.0	7.4

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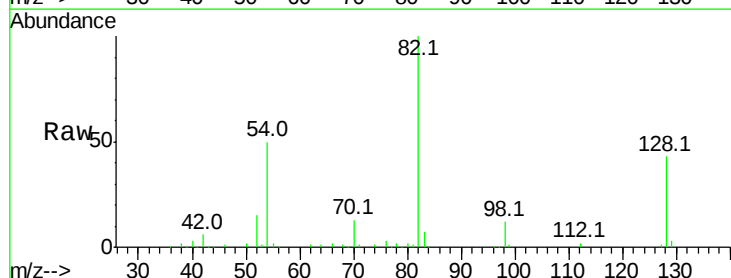


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

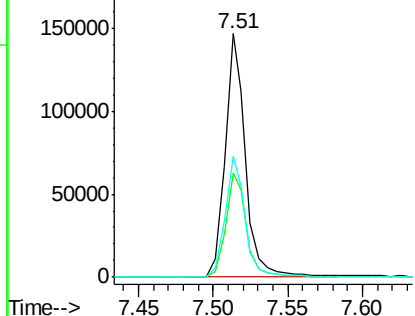
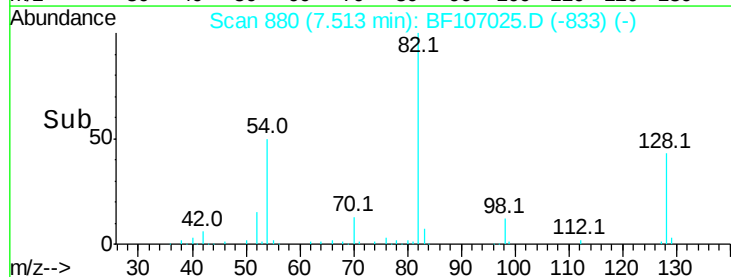


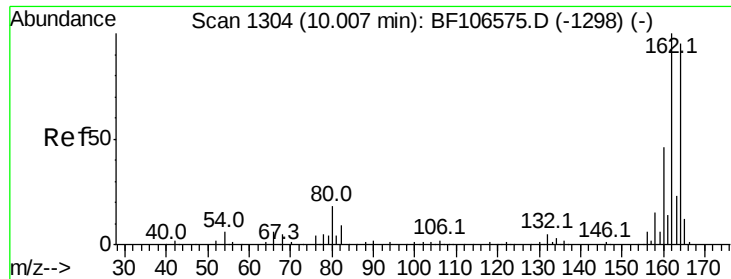
#23
Nitrobenzene-d5
Concen: 31.171 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	141071		
128	42.9		36.1	54.1
54	49.5		41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





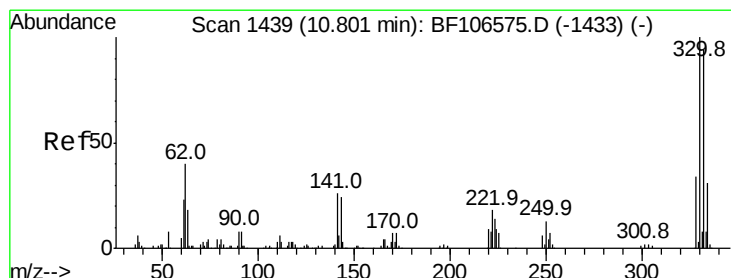
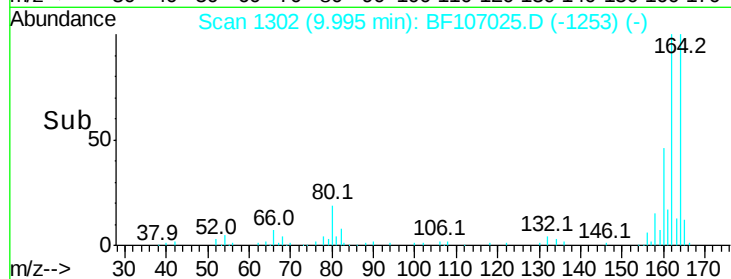
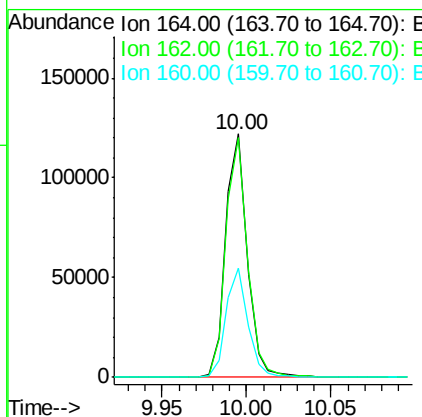
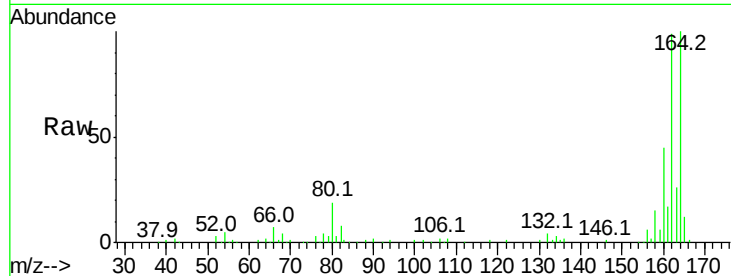
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107025.D
 Acq: 30 Jun 2018 19:57

Instrument :
 BNA_F
 ClientSampleId :
 A0C22-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100	109069		
162	98.6	86.1	129.1	
160	45.1	38.3	57.5	

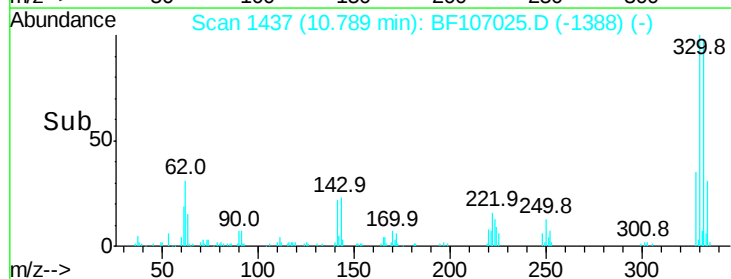
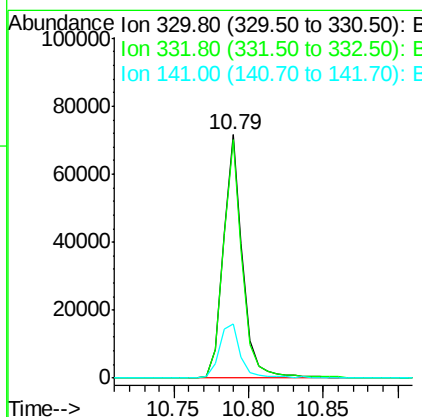
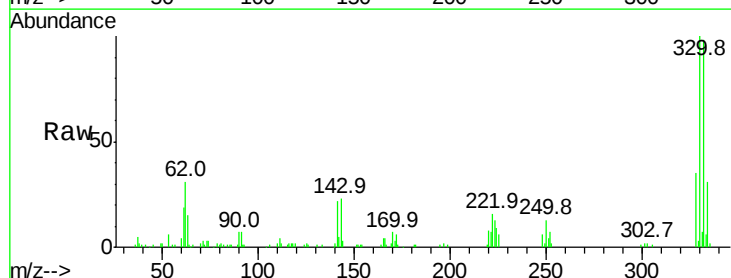
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#41
 2,4,6-Tribromophenol
 Concen: 51.342 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107025.D
 Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	64904		
332	98.0	77.0	115.6	
141	24.6	29.9	44.9#	





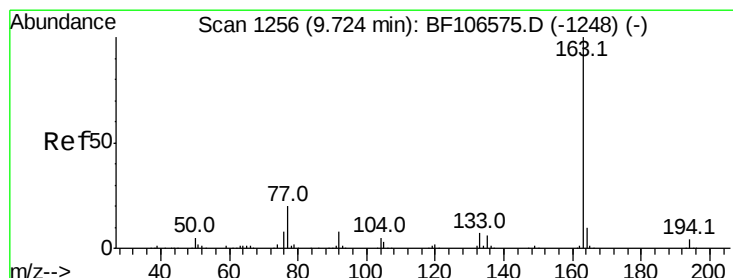
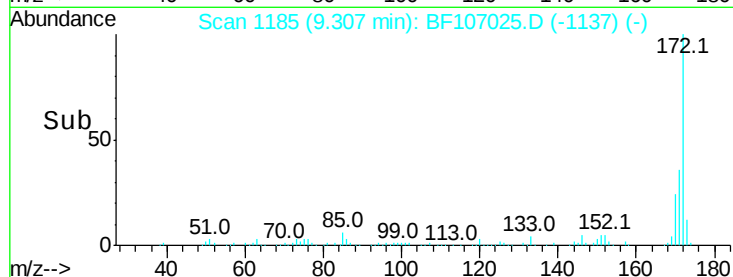
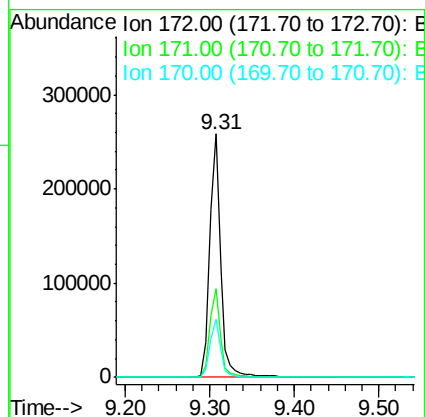
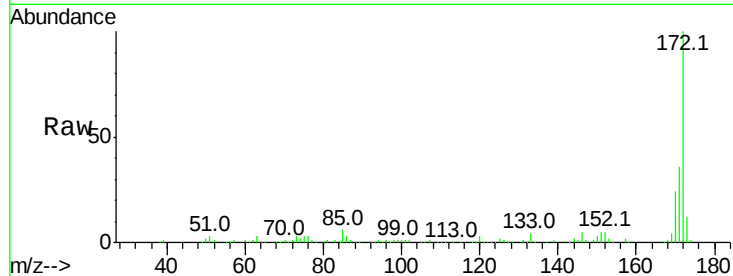
#44
2-Fluorobiphenyl
Concen: 25.964 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Instrument :
BNA_F
ClientSampleId :
A0C22-01

Tot Ion	Ratio	Resp	Lower	Upper
172	100	233327		
171	36.3		29.7	44.5
170	23.6		19.6	29.4

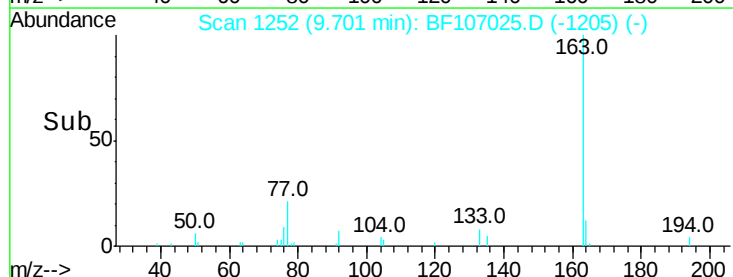
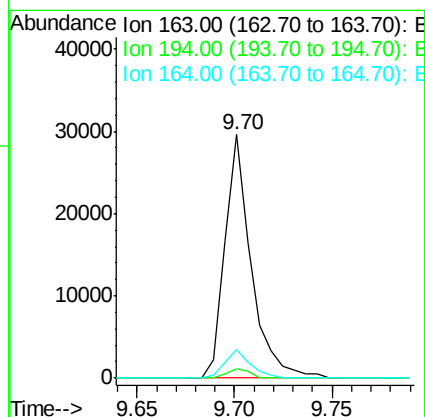
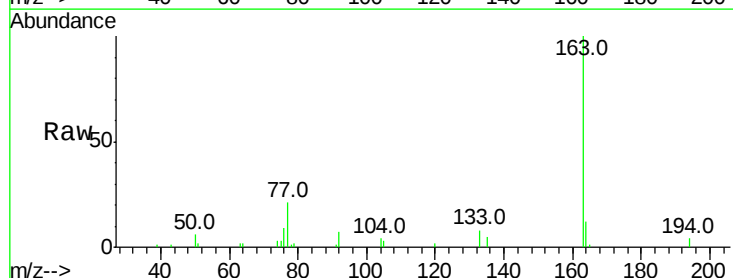
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#49
Dimethylphthalate
Concen: 3.369 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	27560		
194	4.1		2.7	4.1
164	11.5		8.2	12.2





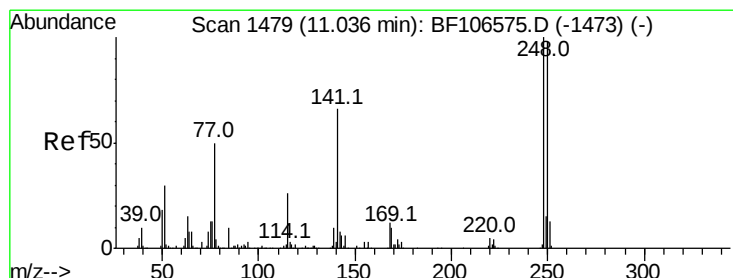
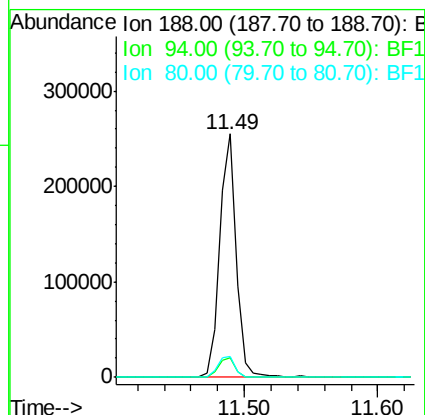
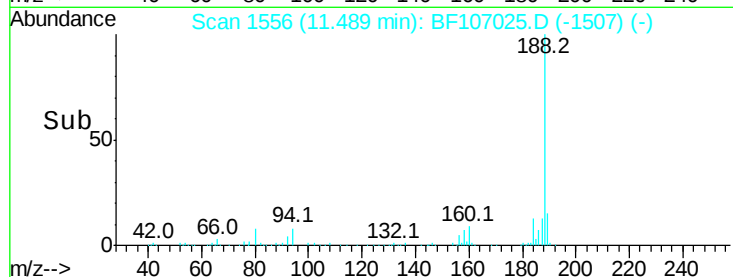
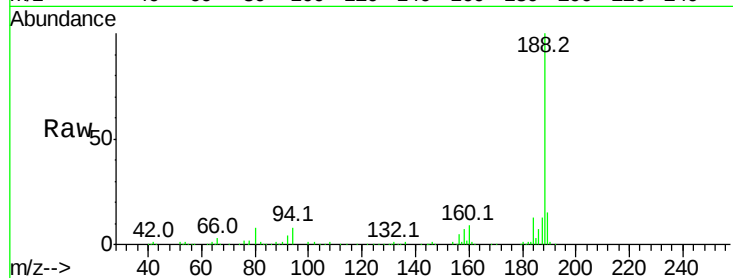
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Instrument :
BNA_F
ClientSampleId :
A0C22-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.4	9.2	13.8#

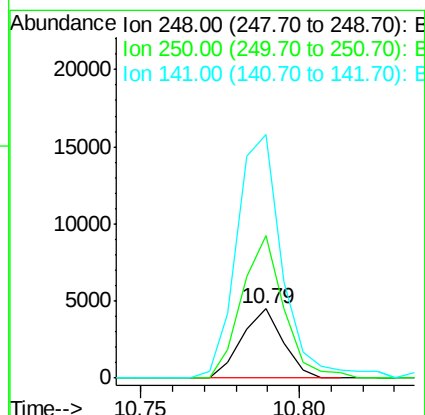
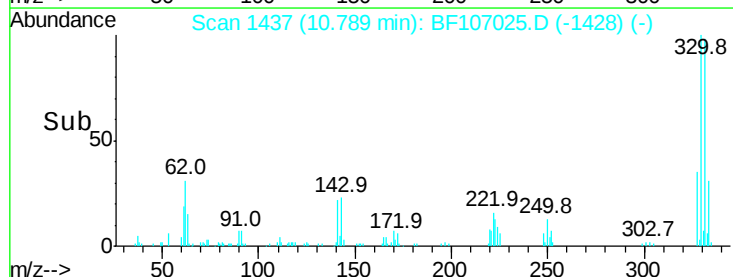
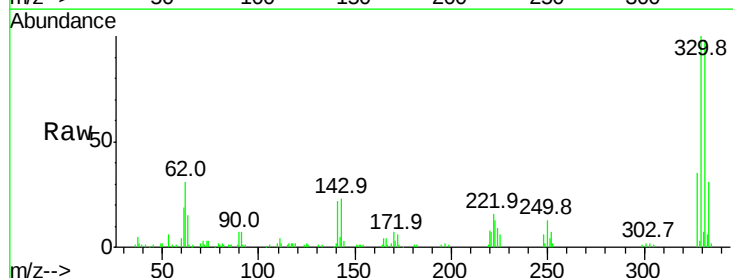
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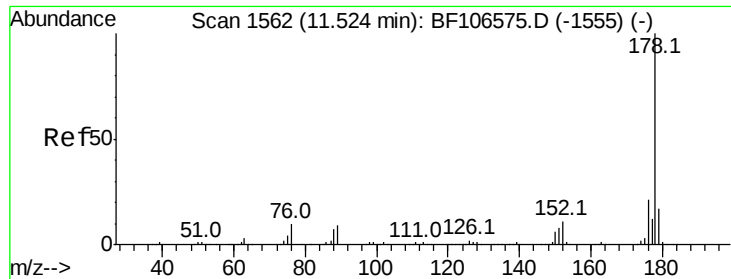
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#66
4-Bromophenyl-phenylether
Concen: 1.526 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	207.1	76.9	115.3#
141	352.5	74.4	111.6#





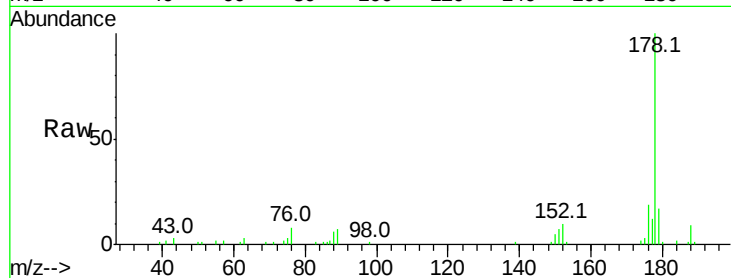
#70
Phenanthrene
Concen: 2.493 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Instrument :
BNA_F
ClientSampleId :
A0C22-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.6	13.0	19.6

Manual Integrations
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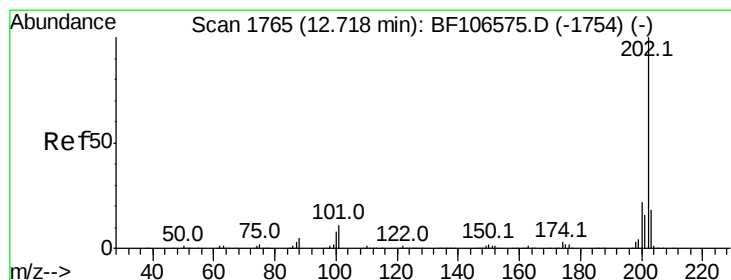
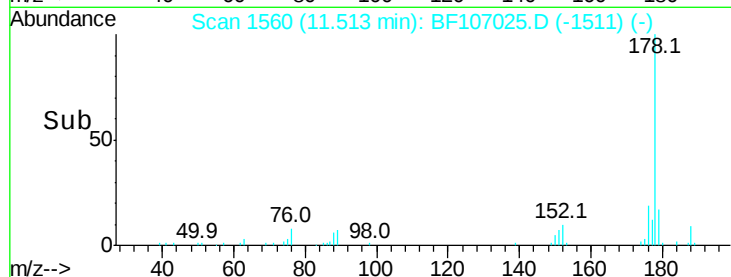
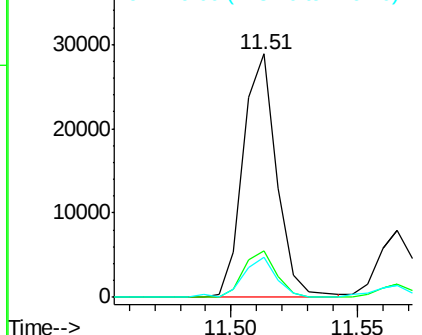


Abundance

Ion 178.00 (177.70 to 178.70): E

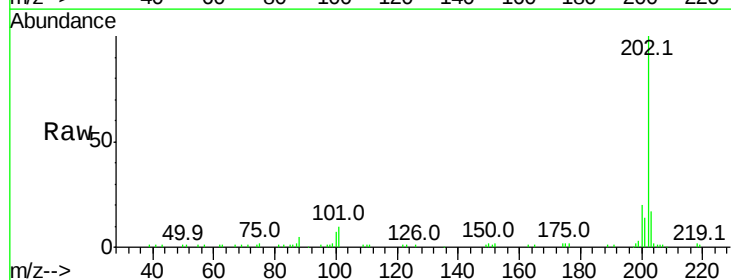
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 4.787 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.4	0.0	38.1

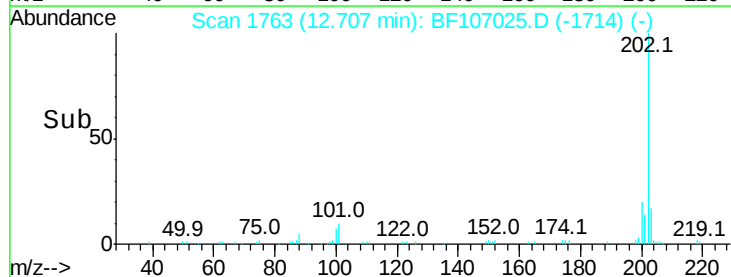
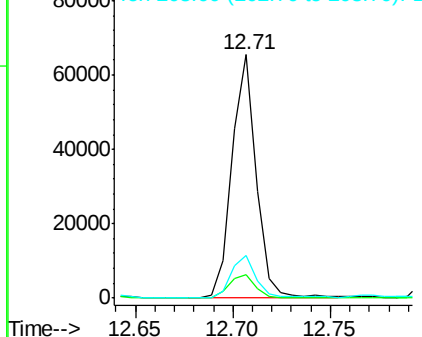


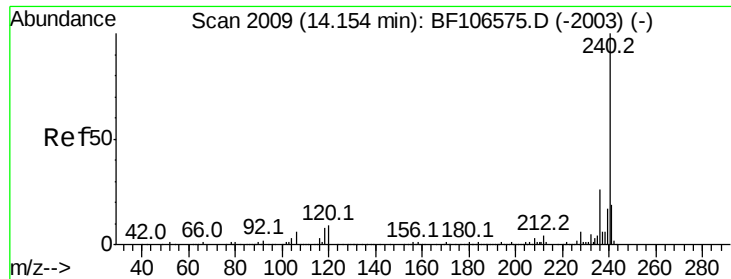
Abundance

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: BF107025.D

Acq: 30 Jun 2018 19:57

Instrument :

BNA_F

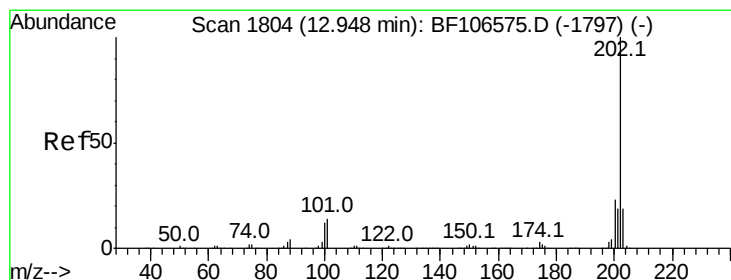
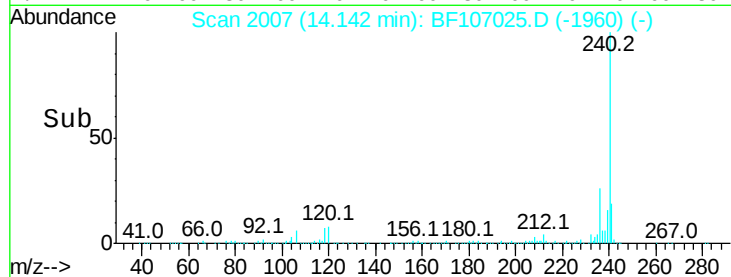
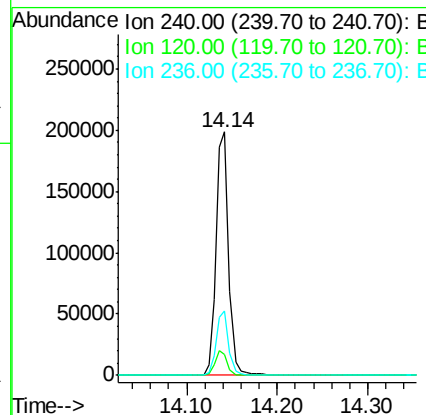
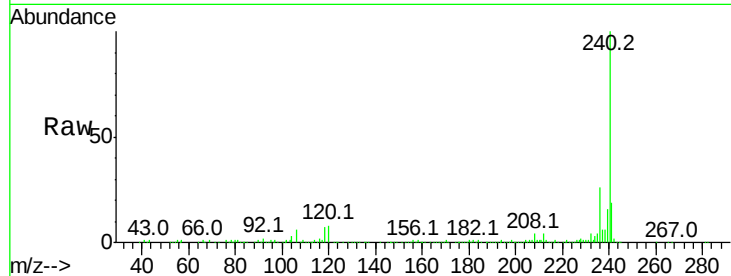
ClientSampleId :

A0C22-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.4	20.7	31.1

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#77

Pyrene

Concen: 5.030 ng

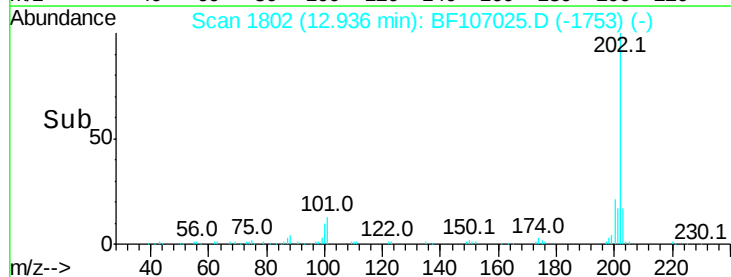
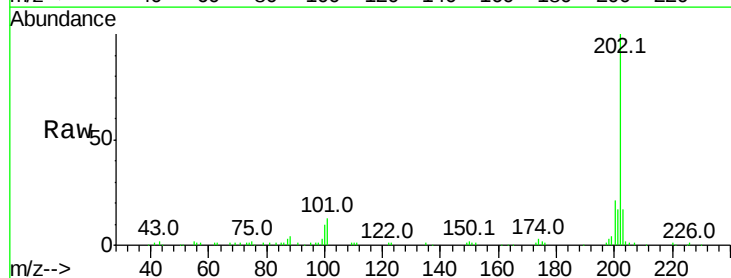
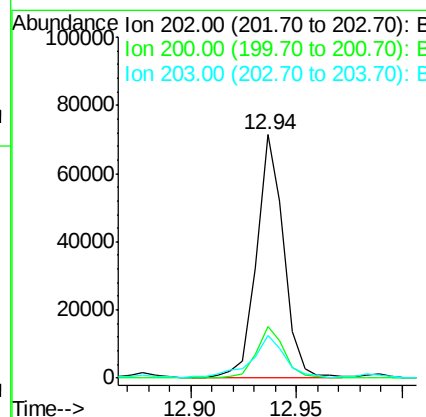
RT: 12.94 min Scan# 1802

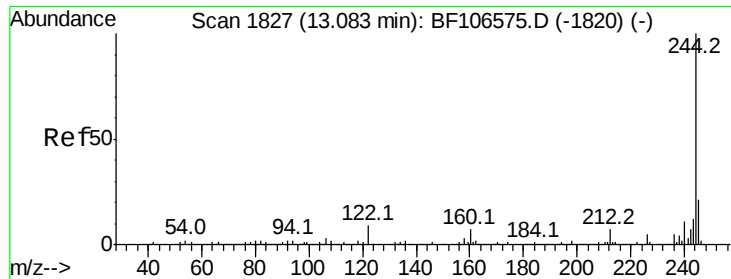
Delta R.T. -0.01 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 35.381 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Instrument :

BNA_F

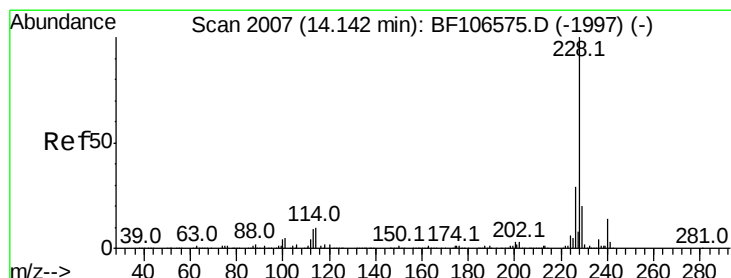
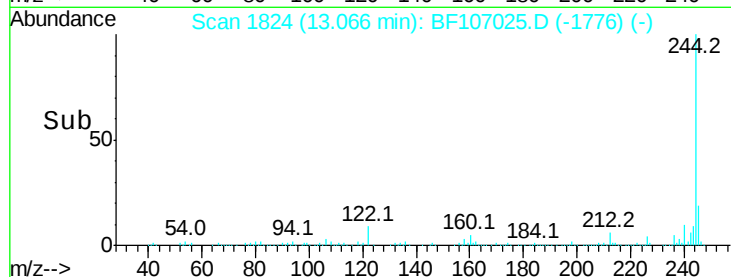
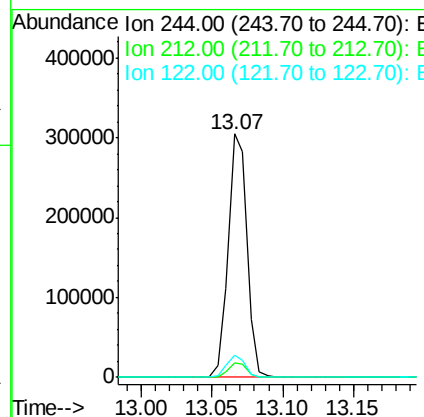
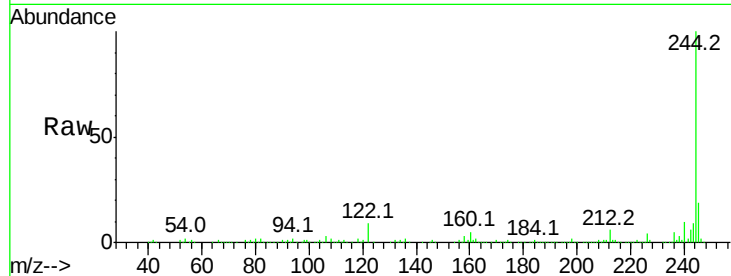
ClientSampleId :

A0C22-01

Tot Ion:	244	Resp:	283052
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	9.3	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 2.158 ng

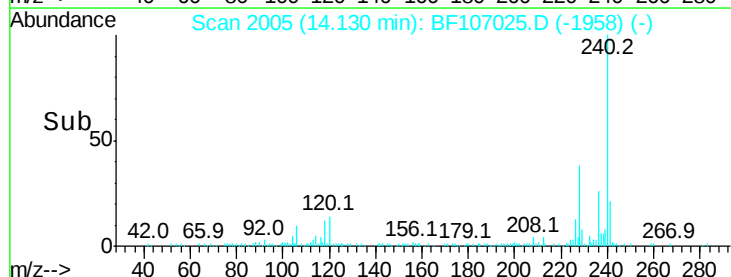
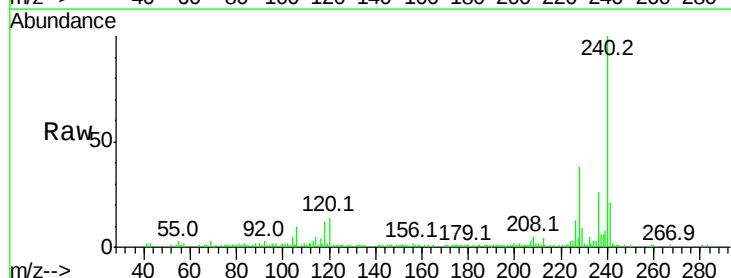
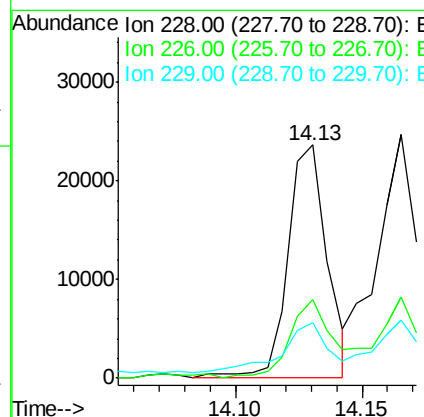
RT: 14.13 min Scan# 2005

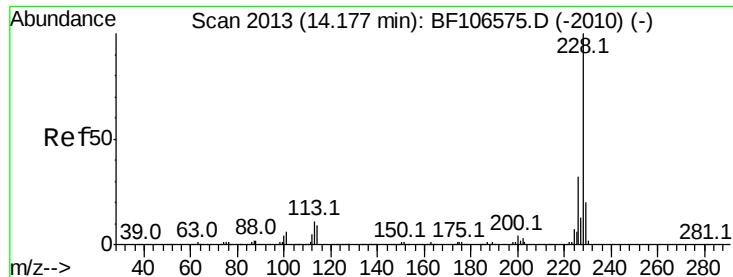
Delta R.T. -0.02 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Tgt Ion:	228	Resp:	25484
Ion Ratio	Lower	Upper	
228	100		
226	33.5	22.6	33.8
229	23.8	15.8	23.6#





#82

Chrysene

Concen: 2.464 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Instrument :

BNA_F

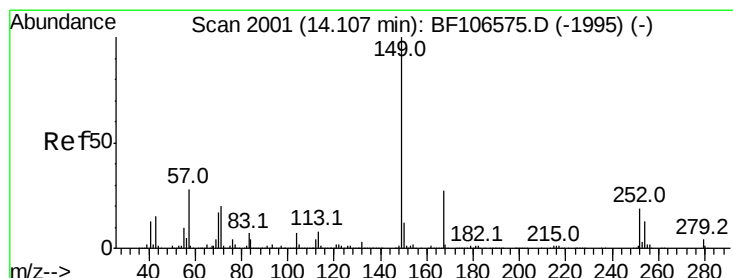
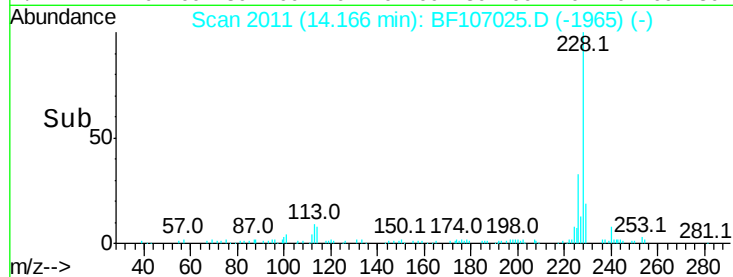
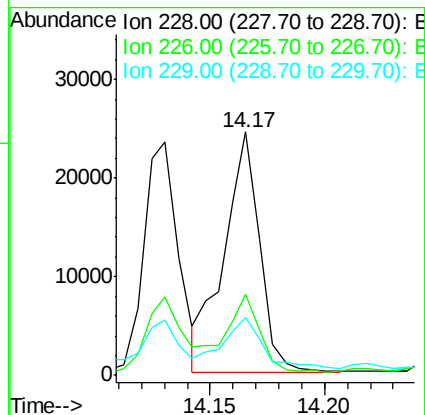
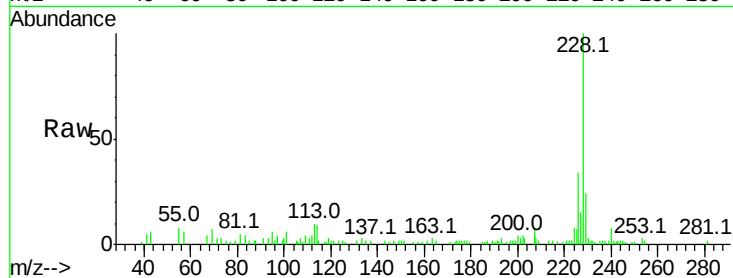
ClientSampleId :

A0C22-01

Tot Ion:	228	Resp:	26768
Ion Ratio	Lower	Upper	
228	100		
226	33.6	25.0	37.6
229	24.0	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.983 ng

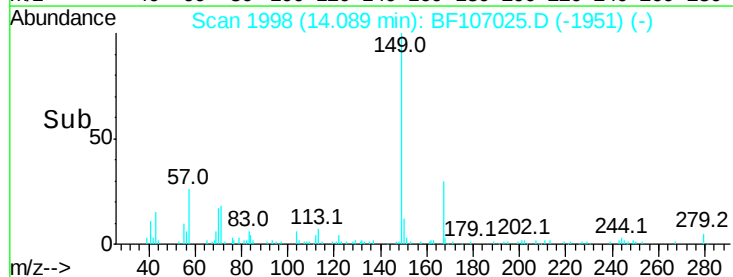
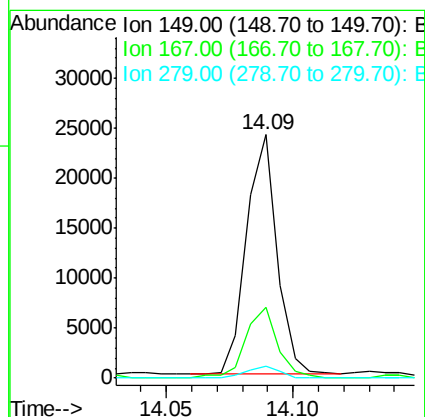
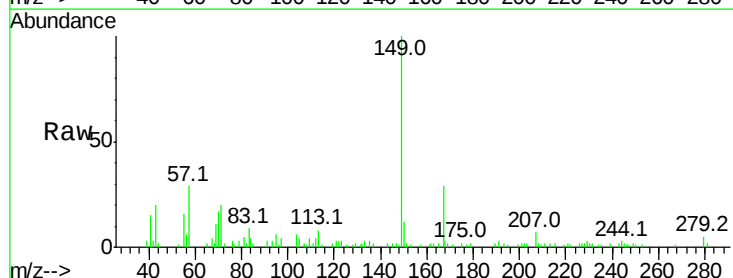
RT: 14.09 min Scan# 1998

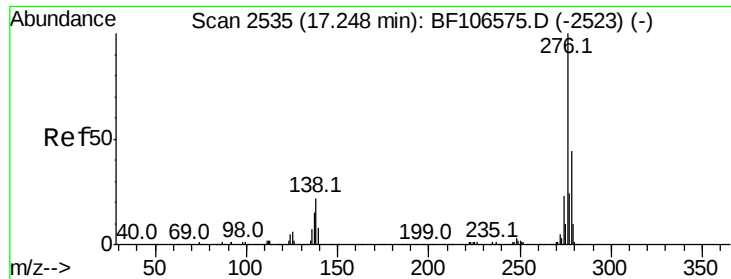
Delta R.T. -0.02 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Tgt Ion:	149	Resp:	20034
Ion Ratio	Lower	Upper	
149	100		
167	29.1	21.3	31.9
279	5.0	3.0	4.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 1.245 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.05 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Instrument :

BNA_F

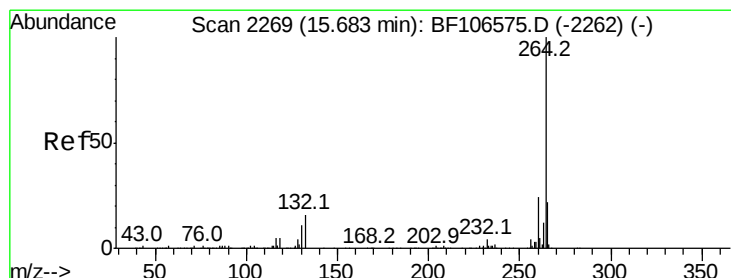
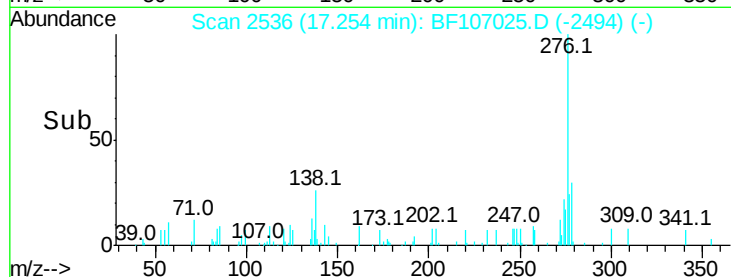
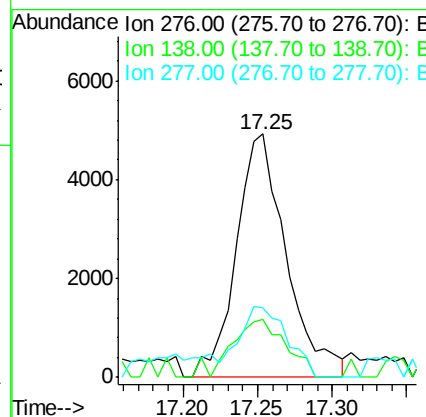
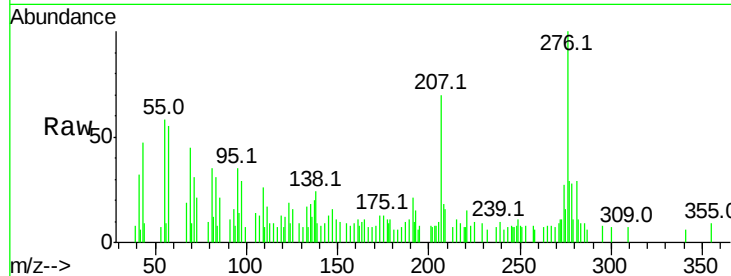
ClientSampleId :

A0C22-01

Tot Ion:	276	Resp:	11476
Ion Ratio	Lower	Upper	
276	100		
138	26.0	25.0	37.6
277	27.7	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

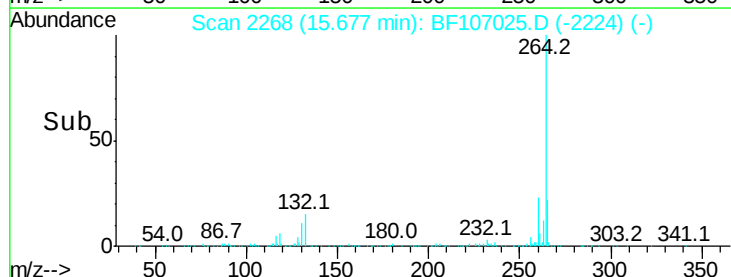
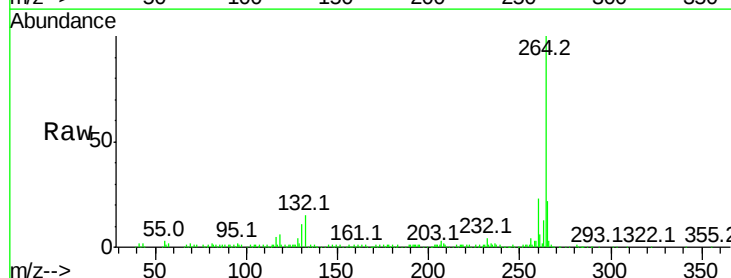
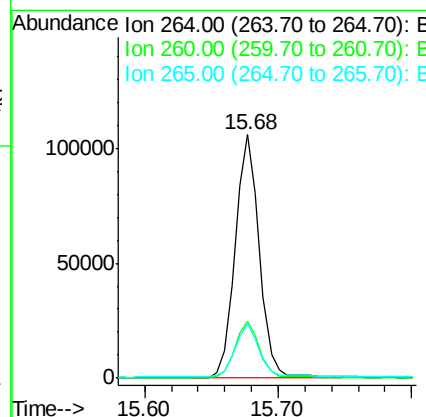
RT: 15.68 min Scan# 2268

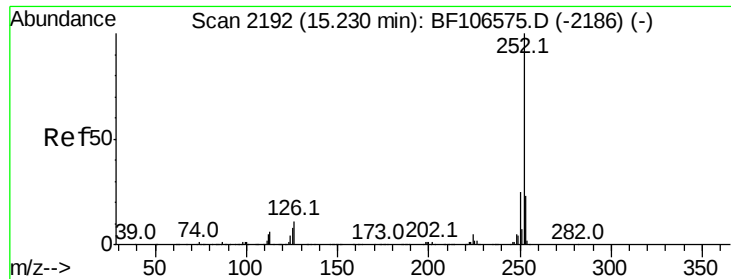
Delta R.T. -0.04 min

Lab File: BF107025.D

Acq: 30 Jun 2018 19:57

Tgt Ion:	264	Resp:	134671
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	22.4	17.5	26.3





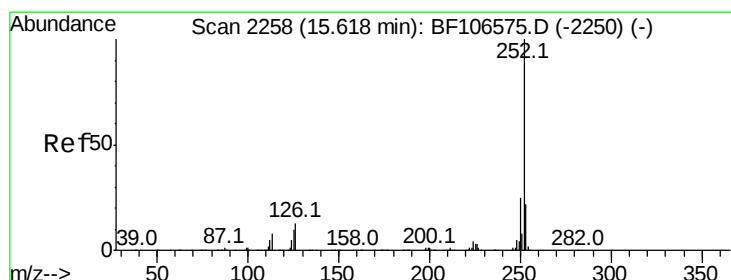
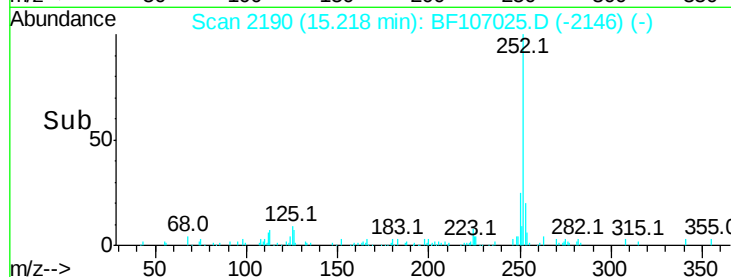
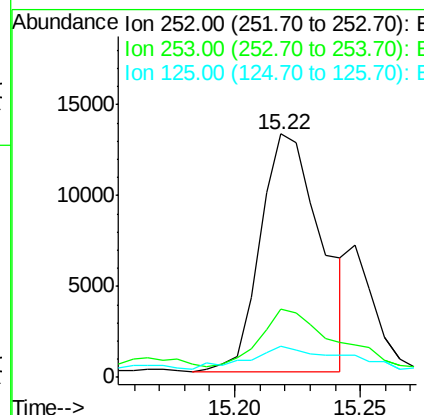
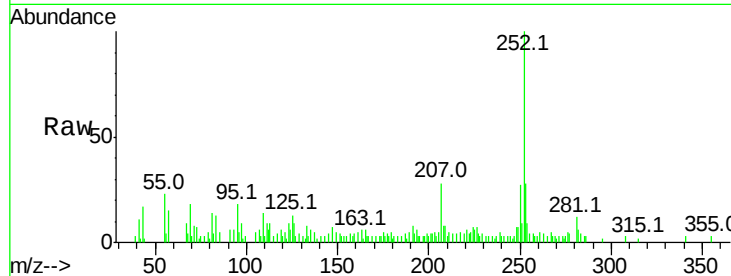
#87
Benzo(b)fluoranthene
Concen: 2.668 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Instrument :
BNA_F
ClientSampleId :
A0C22-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.0	25.6
125	12.6	9.0	13.6

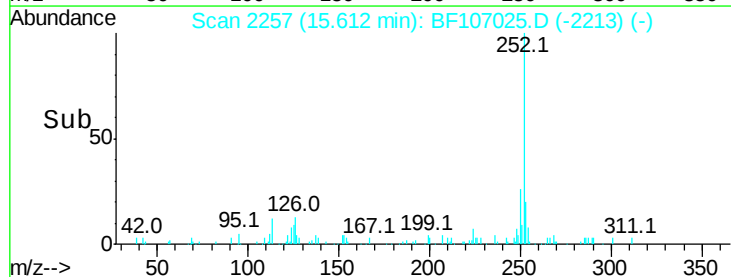
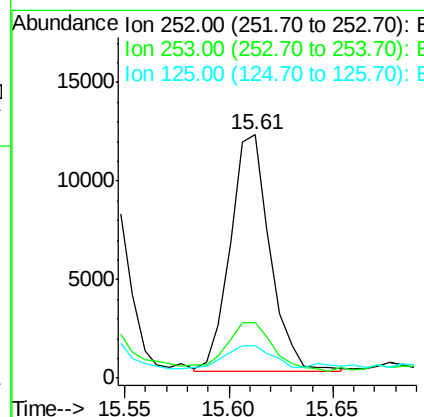
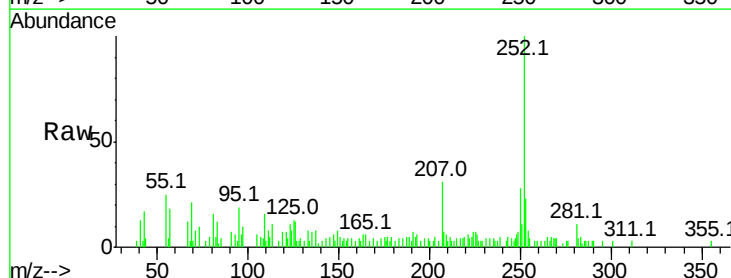
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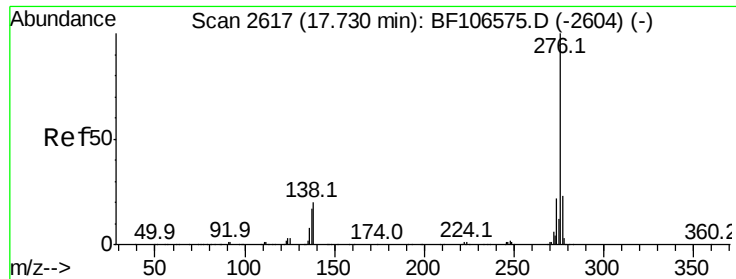
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#89
Benzo(a)pyrene
Concen: 2.154 ng m
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107025.D
Acq: 30 Jun 2018 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.1	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.132 ng/ml
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF107025.D
 Acq: 30 Jun 2018 19:57

Instrument :
 BNA_F
 ClientSampleId :
 A0C22-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	19.9	21.8	32.8

Manual Integrations
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