

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106345.D
 Acq On : 12 Jun 2018 15:33
 Operator : JU/SJ
 Sample : J3245-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-061118-C

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Quant Time: Jun 13 02:02:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150840	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	505574	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	200061	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	407096	20.00	ng	0.00
75) Chrysene-d12	14.16	240	499547	20.00	ng	0.00
86) Perylene-d12	15.71	264	389942	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	391952	43.98	ng	0.00
7) Phenol-d6	6.59	99	449846	39.95	ng	0.00
23) Nitrobenzene-d5	7.53	82	271302	31.57	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	91122	47.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	433630	28.55	ng	0.00
78) Terphenyl-d14	13.08	244	564744	28.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	65982	4.616	ng	99
74) Fluoranthene	12.72	202	76800	3.612	ng	95
77) Pyrene	12.95	202	77694	2.484	ng	99
82) Chrysene	14.18	228	59178	2.180	ng	96
83) Bis(2-ethylhexyl)phthalate	14.12	149	38849	2.314	ng	# 98
87) Benzo(b)fluoranthene	15.25	252	67977m	2.884	ng	

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

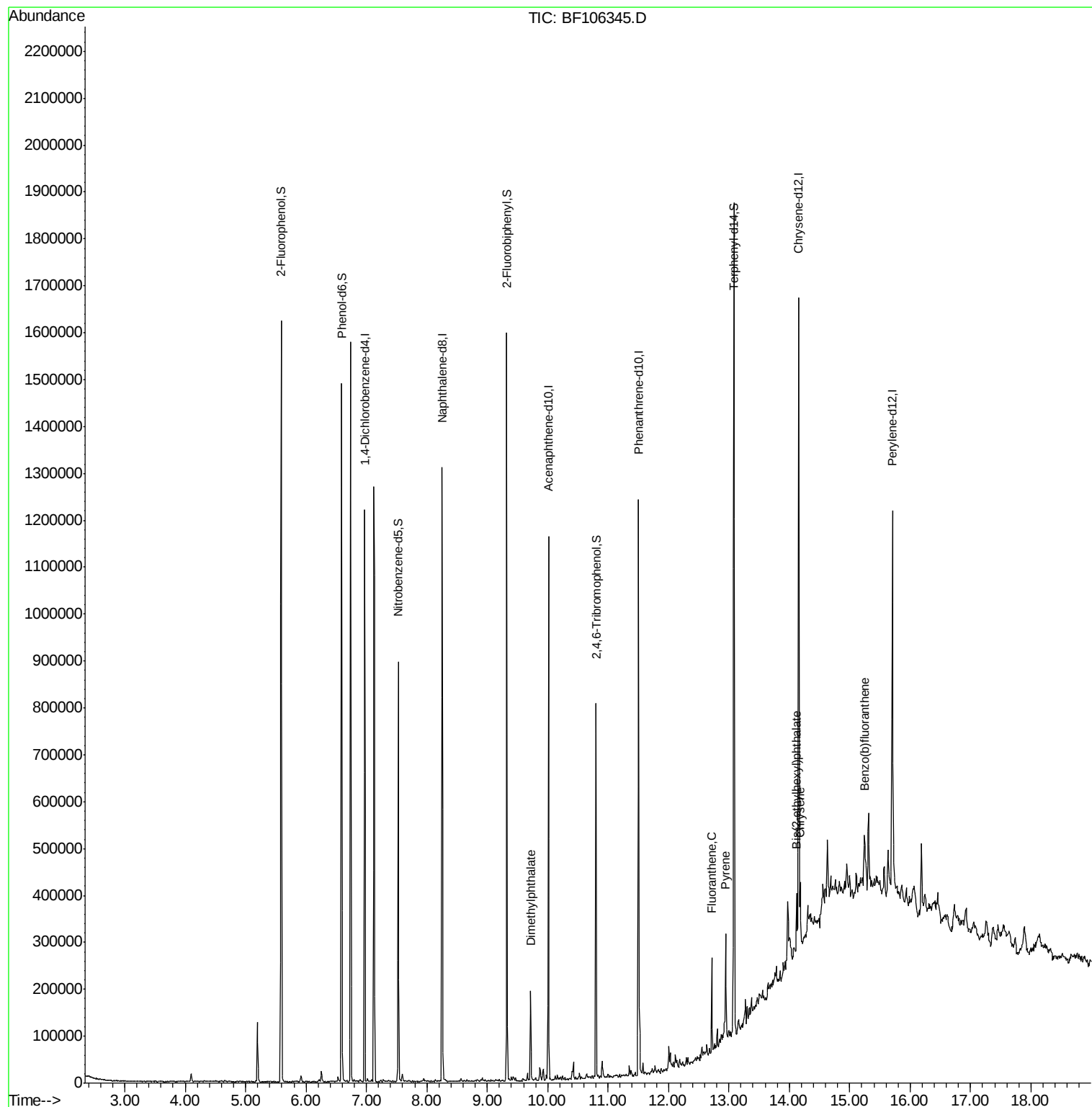
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

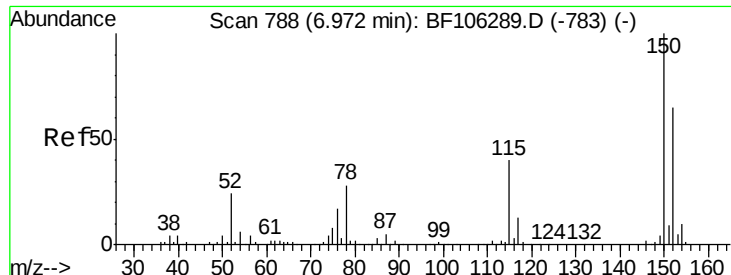
Instrument :
BNA_F
ClientSampleId :
CL-01-061118-C

Quant Time: Jun 13 02:02:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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Response via : Initial Calibration

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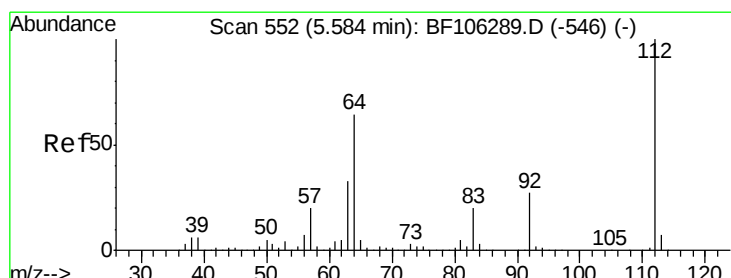
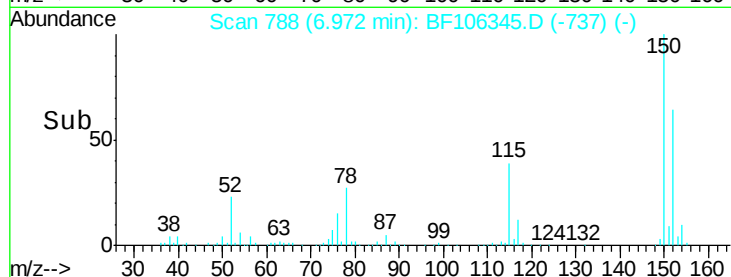
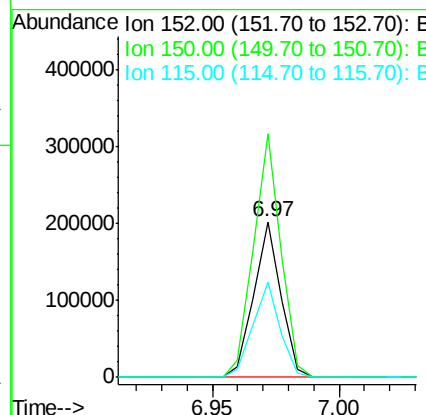
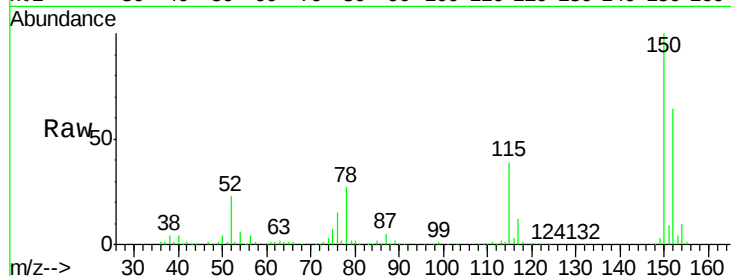
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106345.D
 Acq: 12 Jun 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-061118-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	61.5	50.1	75.1

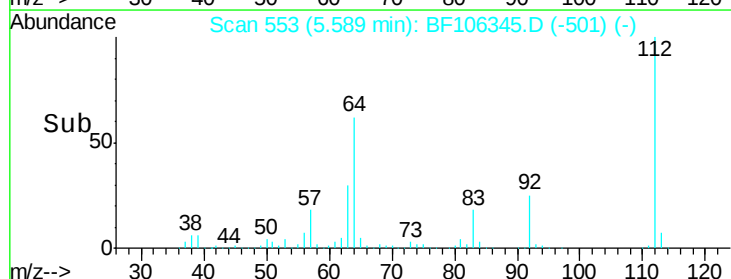
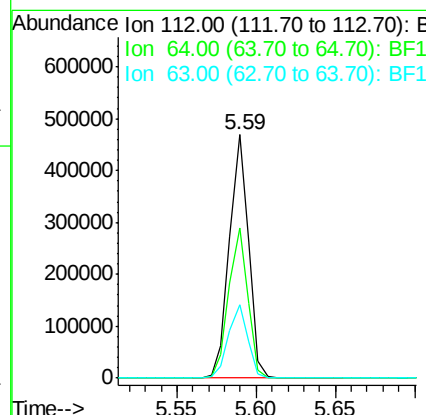
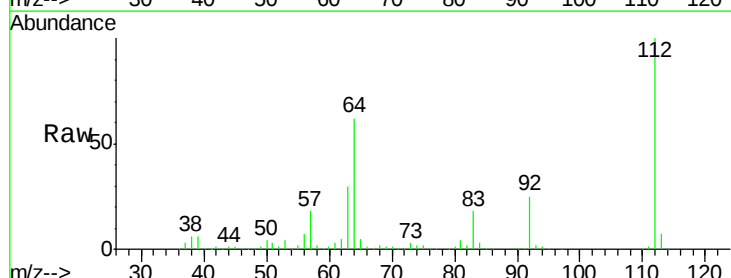
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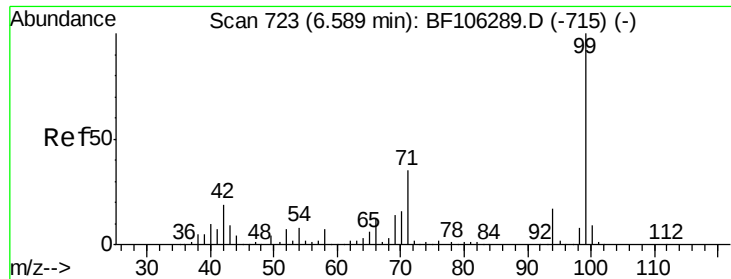
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#5
 2-Fluorophenol
 Concen: 43.979 ng
 RT: 5.59 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF106345.D
 Acq: 12 Jun 2018 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 39.951 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Instrument :

BNA_F

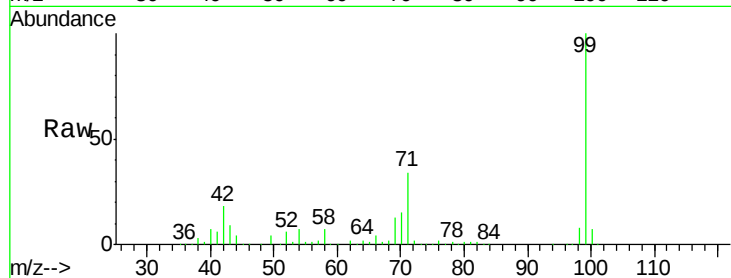
ClientSampled :

CL-01-061118-C

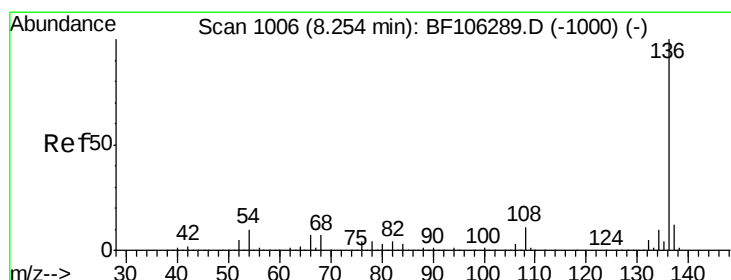
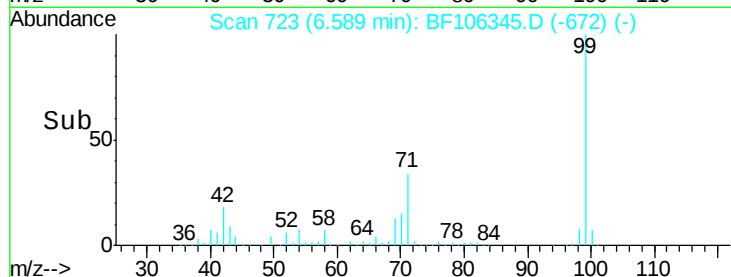
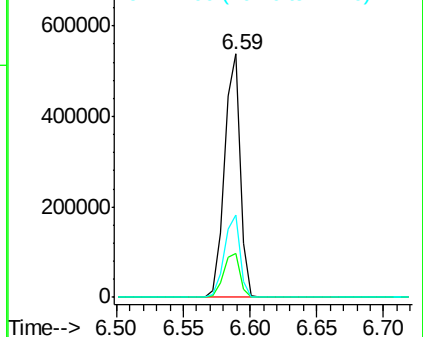
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		449846		
42	17.8	14.5	21.7		
71	33.9	25.4	38.0		

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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: 8.25 min Scan# 1006

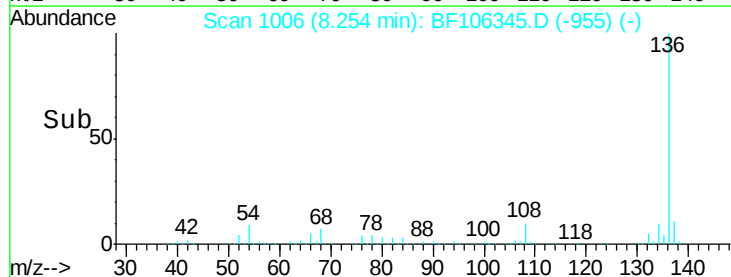
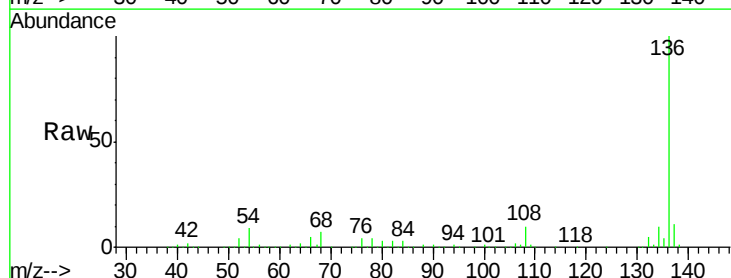
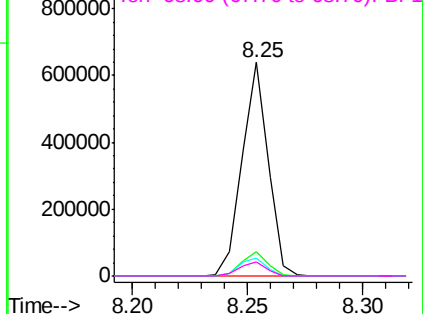
Delta R.T. 0.00 min

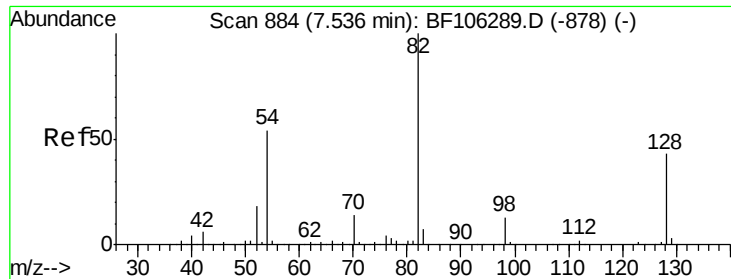
Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		505574		
137	11.1	8.9	13.3		
54	8.6	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





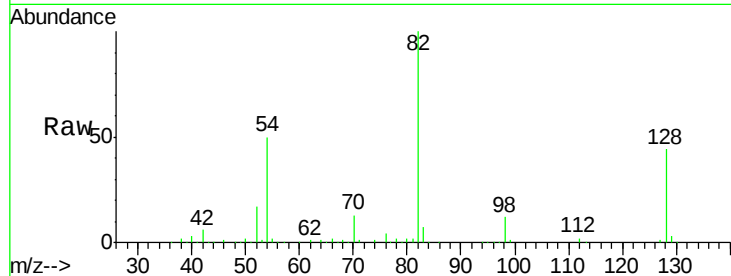
#23
Nitrobenzene-d5
Concen: 31.569 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106345.D
Acq: 12 Jun 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-C

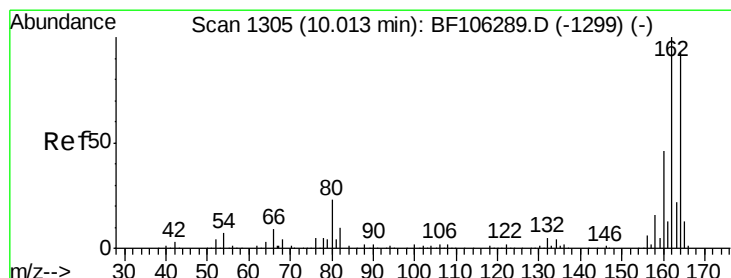
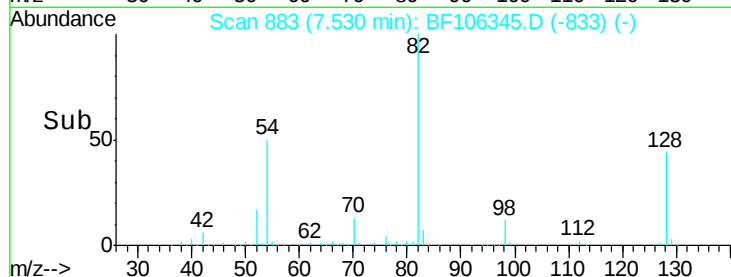
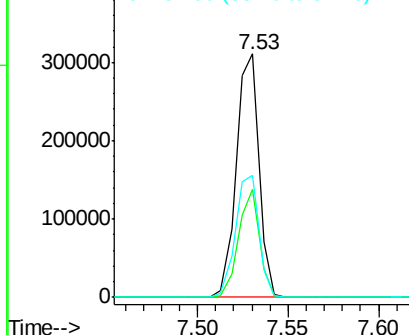
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	50.3	41.4	62.2

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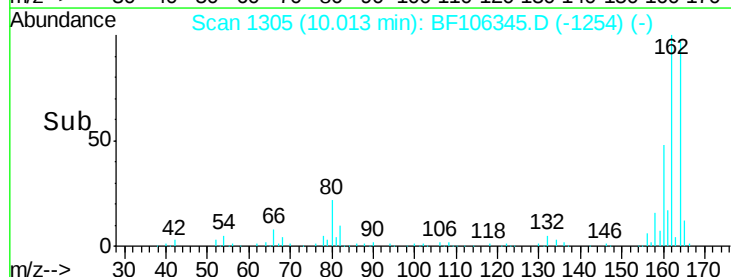
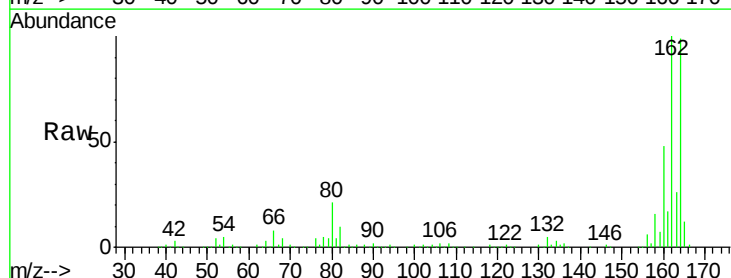
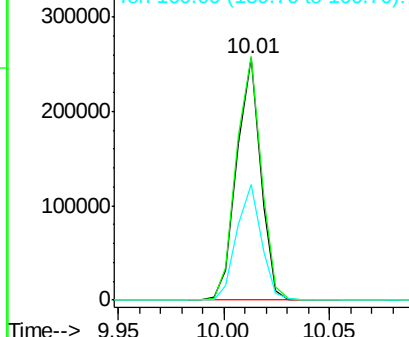
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

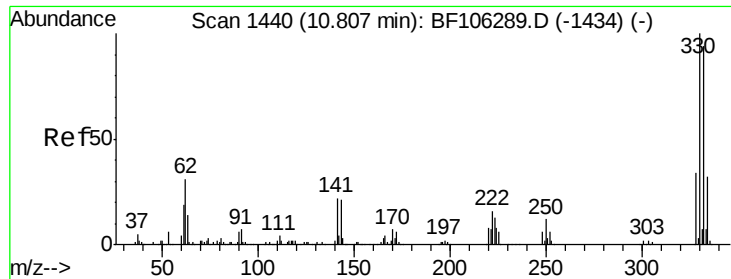


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106345.D
Acq: 12 Jun 2018 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	47.9	38.3	57.5

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





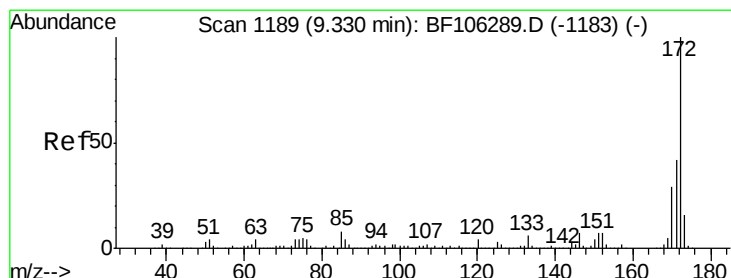
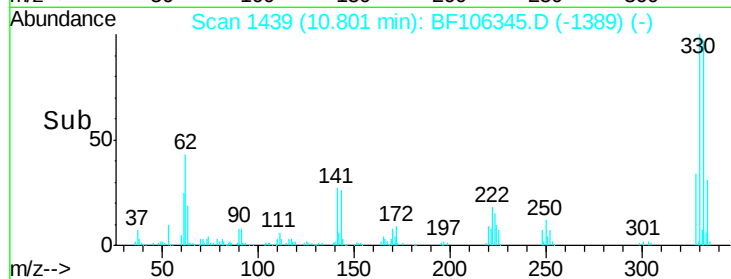
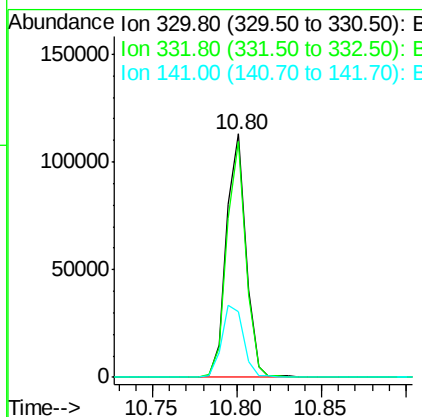
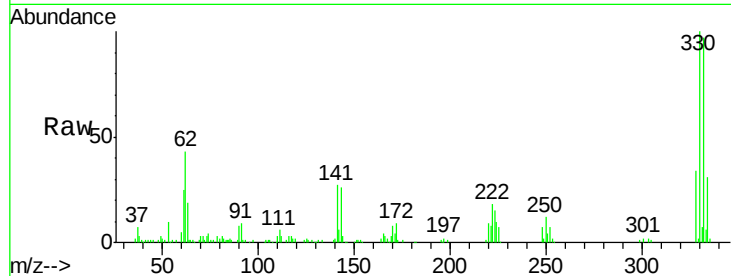
#41
 2,4,6-Tribromophenol
 Concen: 47.338 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106345.D
 Acq: 12 Jun 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-061118-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	91122		
332	94.9	77.0	115.6	
141	33.1	29.9	44.9	

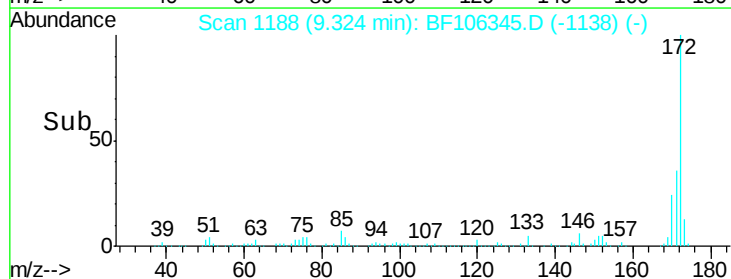
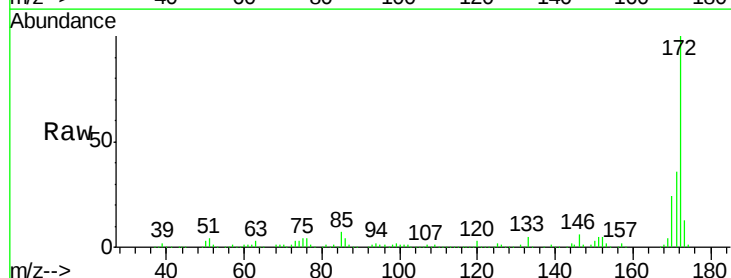
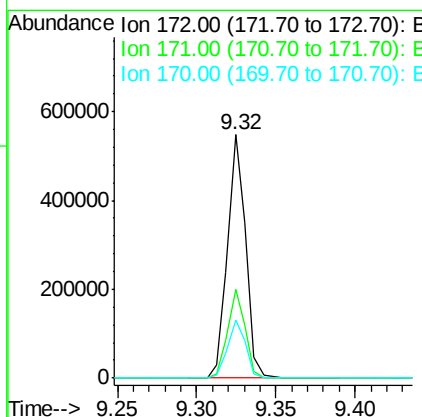
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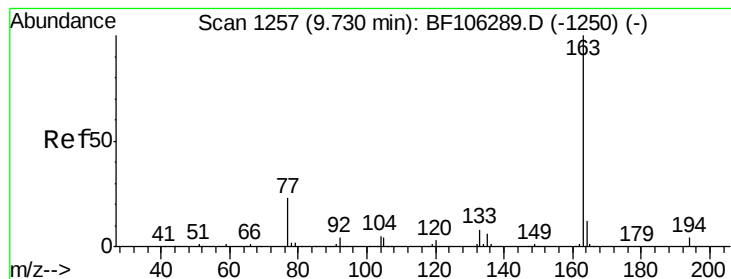
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#44
 2-Fluorobiphenyl
 Concen: 28.547 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106345.D
 Acq: 12 Jun 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	433630		
171	36.2	29.7	44.5	
170	23.6	19.6	29.4	





#49

Dimethylphthalate

Concen: 4.616 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Instrument :

BNA_F

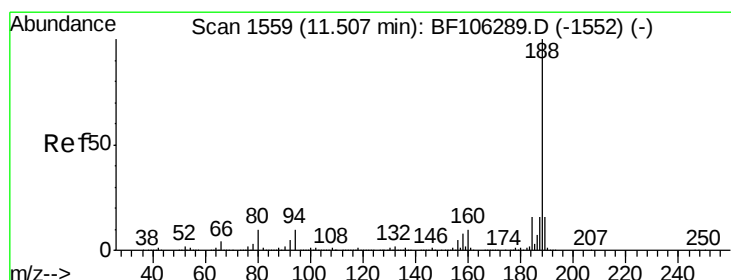
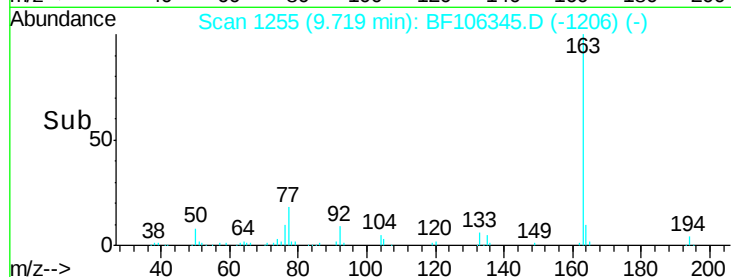
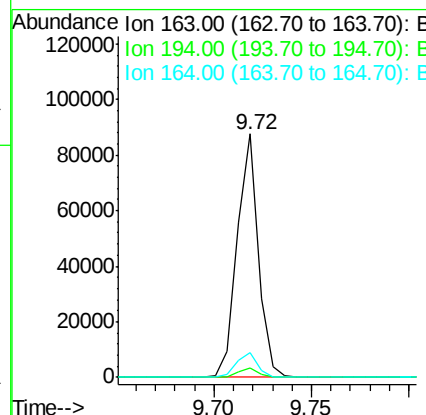
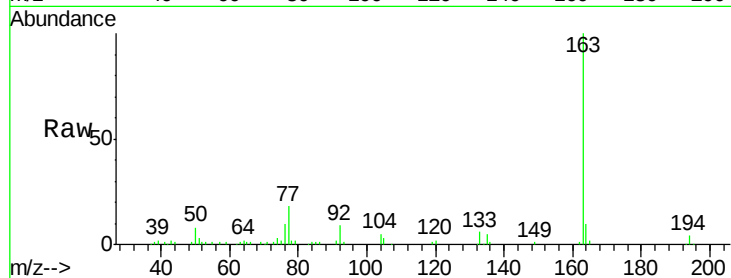
ClientSampleId :

CL-01-061118-C

Tot Ion:	163	Resp:	65982
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

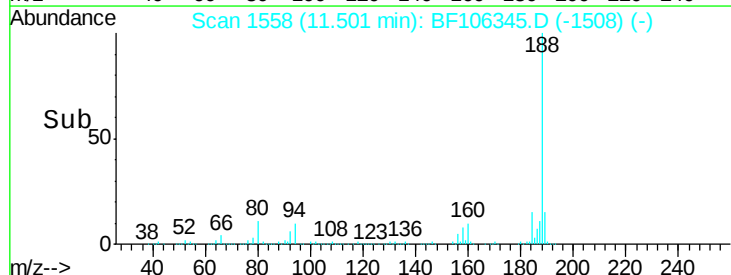
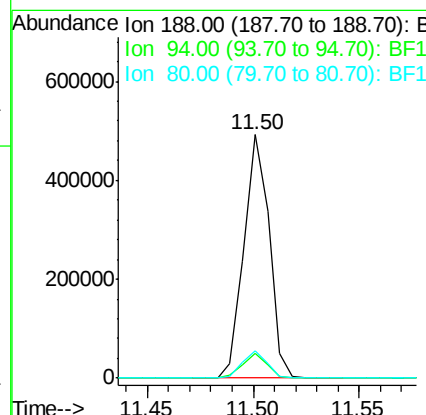
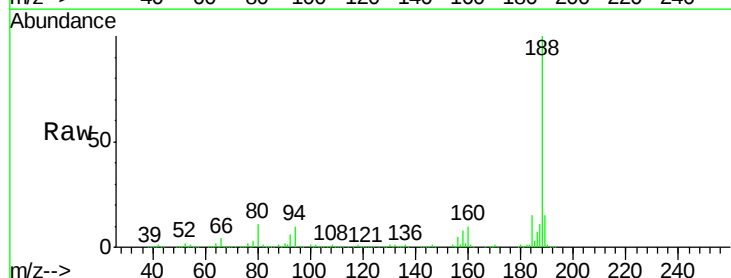
RT: 11.50 min Scan# 1558

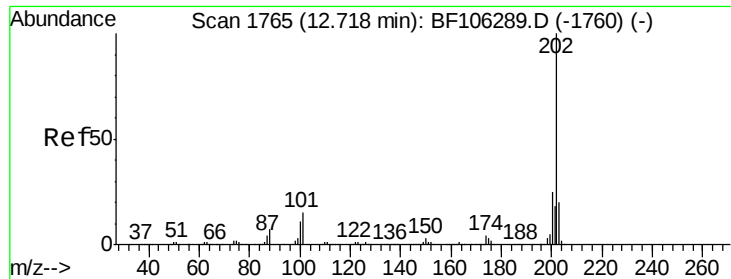
Delta R.T. -0.01 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Tgt Ion:	188	Resp:	407096
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	11.4	9.2	13.8





#74

Fluoranthene

Concen: 3.612 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Instrument :

BNA_F

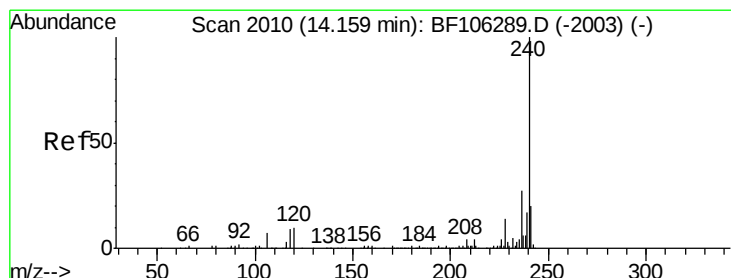
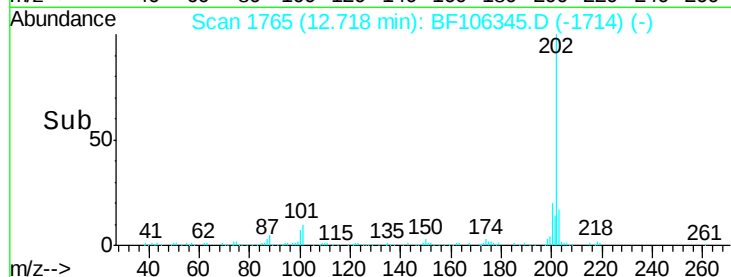
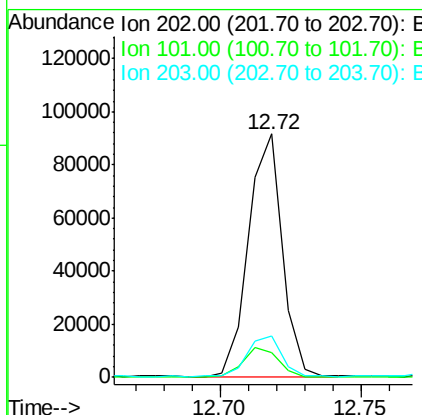
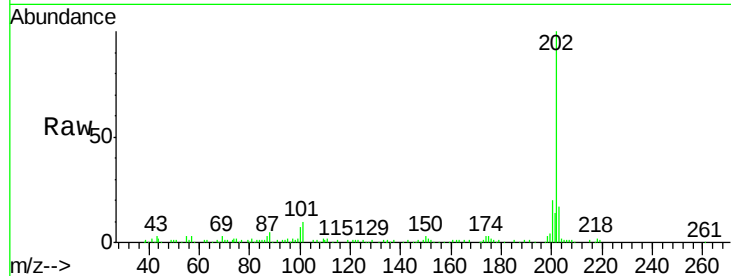
ClientSampleId :

CL-01-061118-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		76800		
101	10.2	0.0	34.1		
203	17.2	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

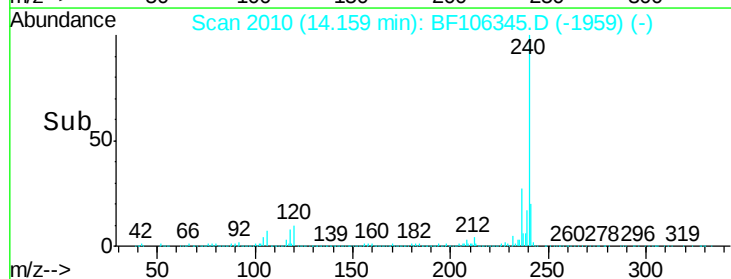
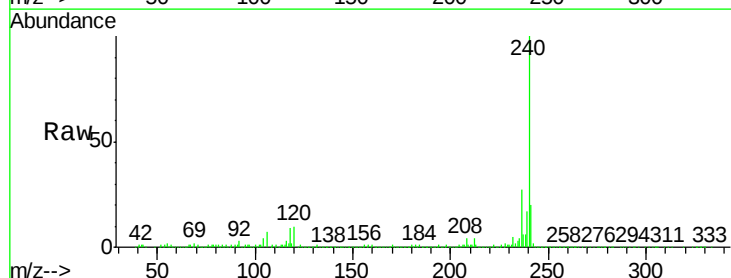
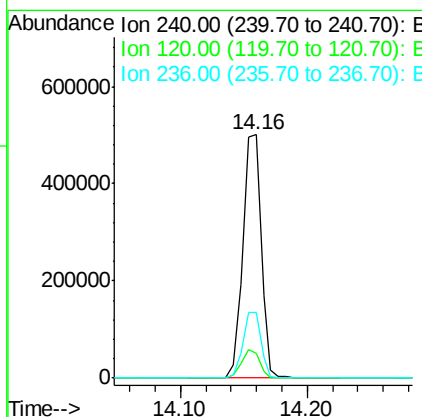
RT: 14.16 min Scan# 2010

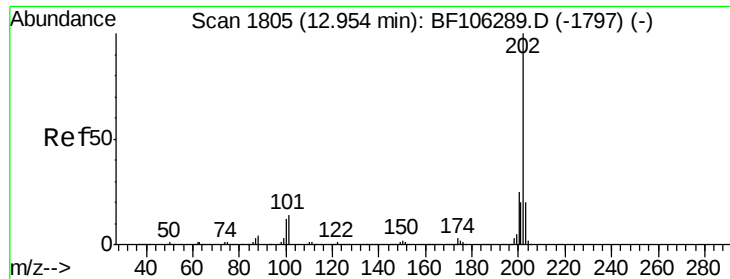
Delta R.T. 0.00 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		499547		
120	9.9	9.5	14.3		
236	26.8	20.7	31.1		





#77

Pvrene

Concen: 2.484 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Instrument :

BNA_F

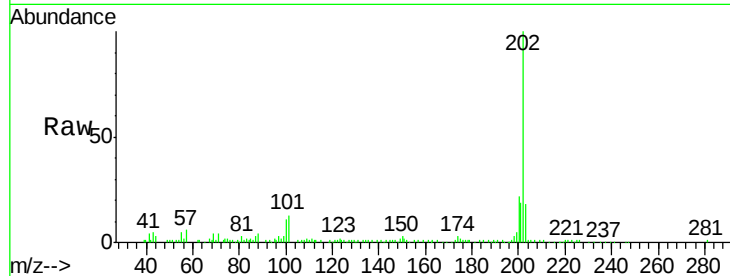
ClientSampleId :

CL-01-061118-C

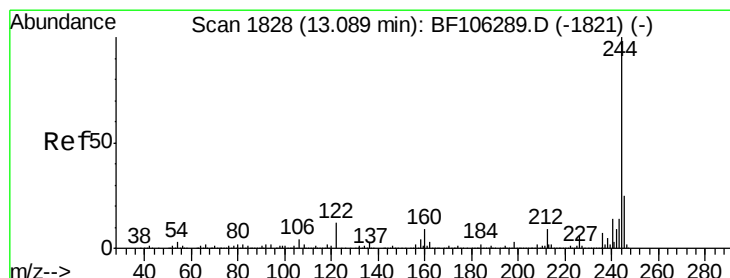
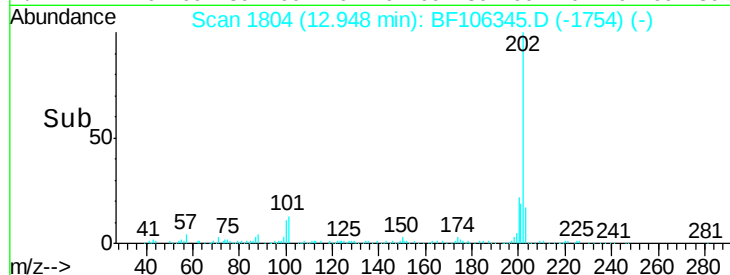
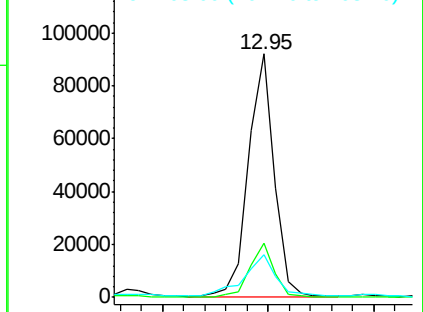
Tot Ion:	202	Resp:	77694
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.4	26.2
203	17.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 28.079 ng

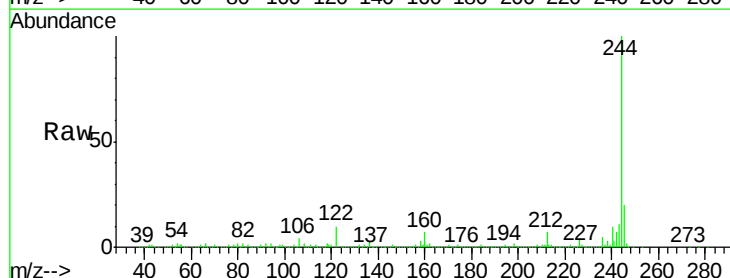
RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

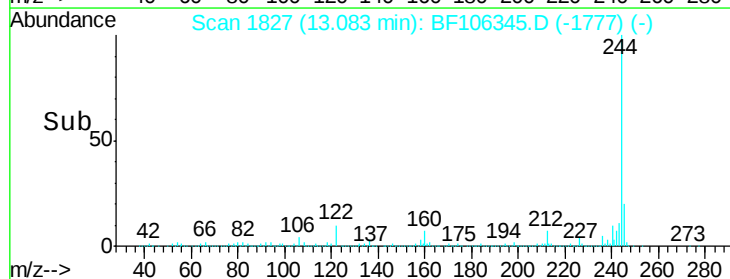
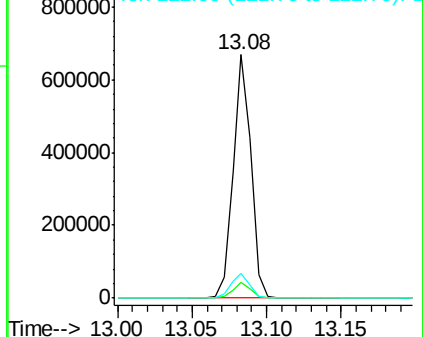
Lab File: BF106345.D

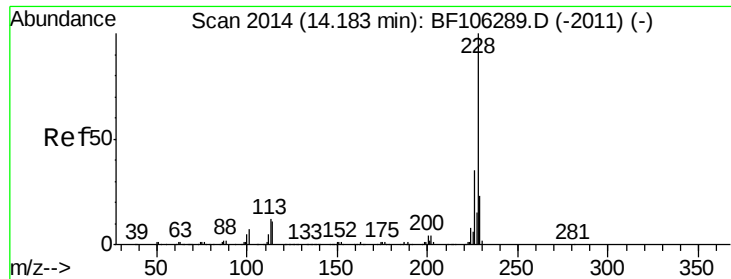
Acq: 12 Jun 2018 15:33

Tgt Ion:	244	Resp:	564744
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	10.3	11.0	16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.180 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Instrument :

BNA_F

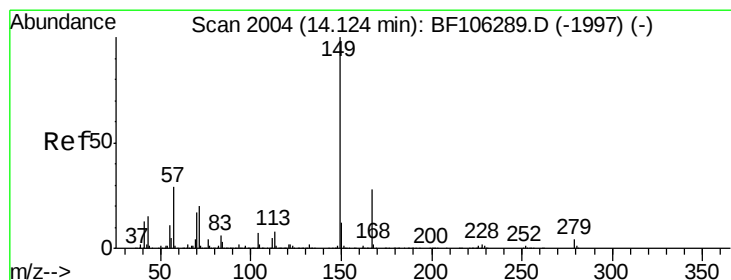
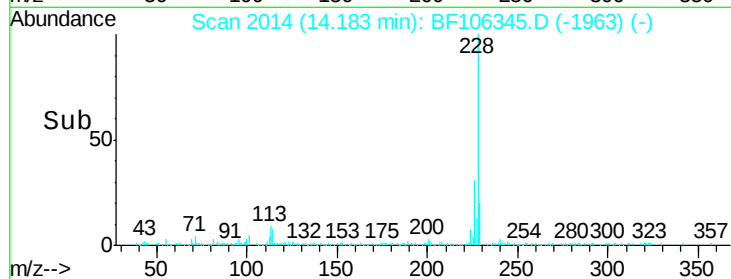
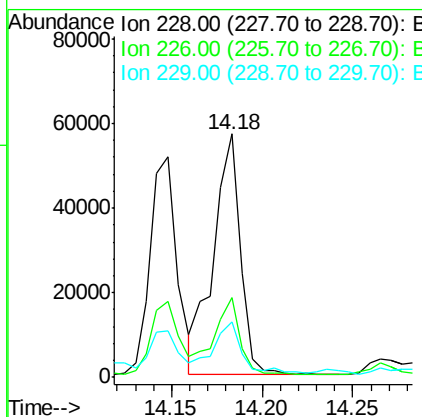
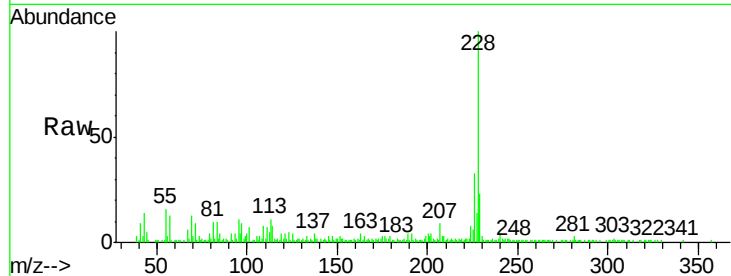
ClientSampleId :

CL-01-061118-C

Tot Ion:	228	Resp:	59178
Ion Ratio	Lower	Upper	
228	100		
226	32.7	25.0	37.6
229	22.7	16.2	24.4

Manual Integrations
APPROVED

Sohil
6/13/2018 4:56:06 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.314 ng

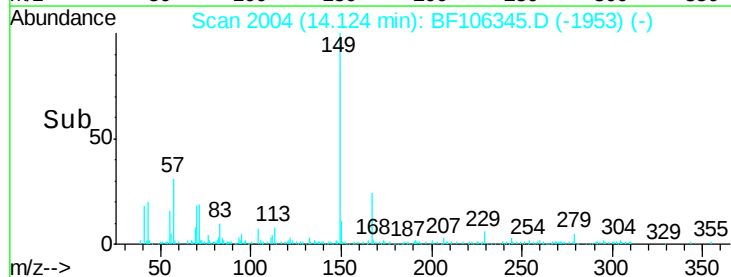
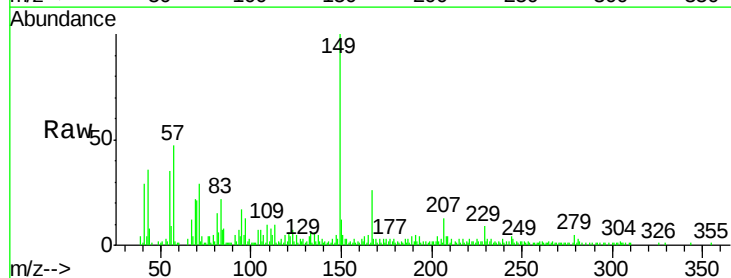
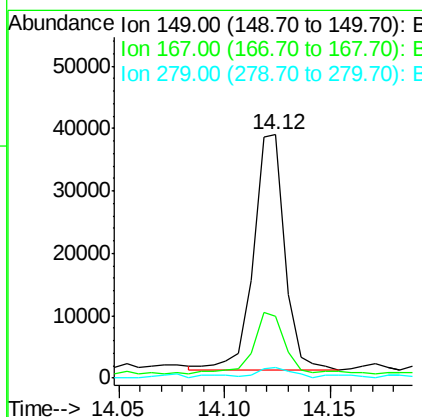
RT: 14.12 min Scan# 2004

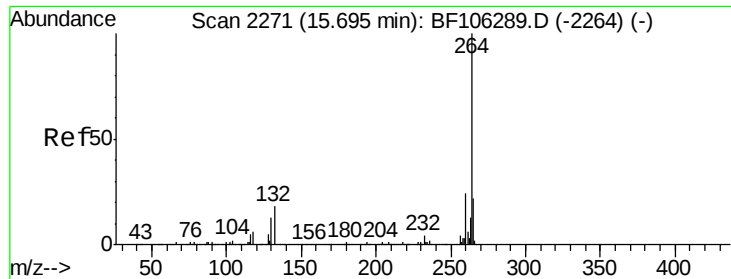
Delta R.T. 0.00 min

Lab File: BF106345.D

Acq: 12 Jun 2018 15:33

Tgt Ion:	149	Resp:	38849
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.3	31.9
279	4.6	3.0	4.4#





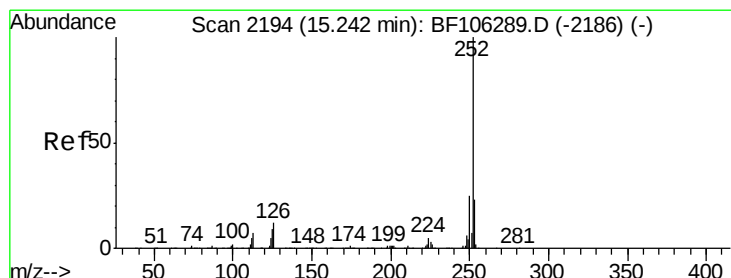
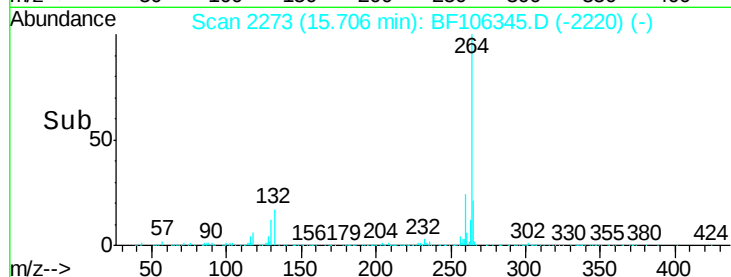
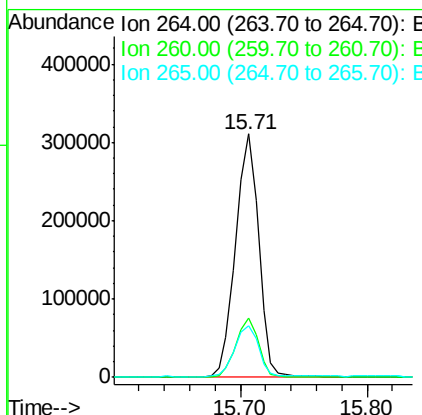
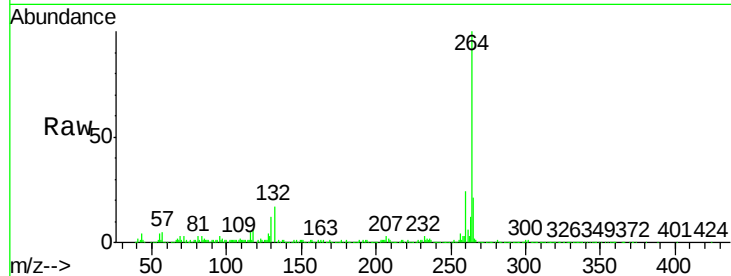
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF106345.D
Acq: 12 Jun 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-C

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.2	28.8	
265	21.3	17.5	26.3	

Manual Integrations
APPROVED

Sohil
6/13/2018 4:56:06 PM



#87
Benzo(b)fluoranthene
Concen: 2.884 ng m
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF106345.D
Acq: 12 Jun 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.0	17.0	25.6	
125	16.8	9.0	13.6	

