

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106311.D
 Acq On : 11 Jun 2018 22:42
 Operator : JU/SJ
 Sample : J3347-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-11-12

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:30 PM

Quant Time: Jun 12 04:12:39 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	197050	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	698918	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	278378	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	471327	20.00	ng	0.00
75) Chrysene-d12	14.15	240	513010	20.00	ng	-0.01
86) Perylene-d12	15.68	264	388070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1001094	85.99	ng	0.00
7) Phenol-d6	6.59	99	1279874	87.01	ng	0.00
23) Nitrobenzene-d5	7.53	82	794144	66.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	271412	101.33	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1224964	75.32	ng	0.00
78) Terphenyl-d14	13.09	244	1256337	60.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	176602	8.880	ng	98
74) Fluoranthene	12.71	202	74412	3.023	ng	98
77) Pyrene	12.95	202	89165	2.776	ng	100
87) Benzo(b)fluoranthene	15.22	252	48879m	2.084	ng	

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

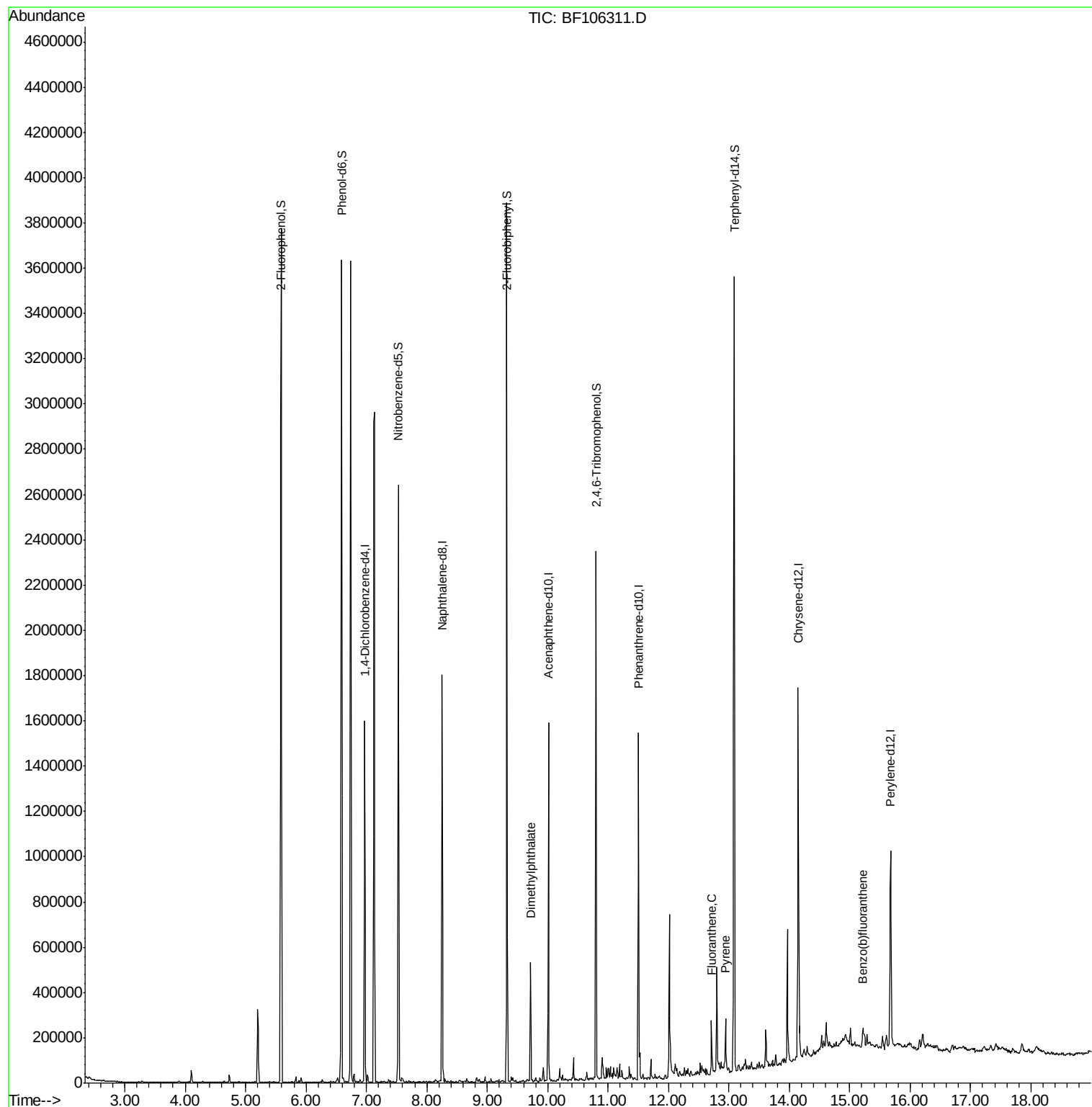
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106311.D
Acq On : 11 Jun 2018 22:42
Operator : JU/SJ
Sample : J3347-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

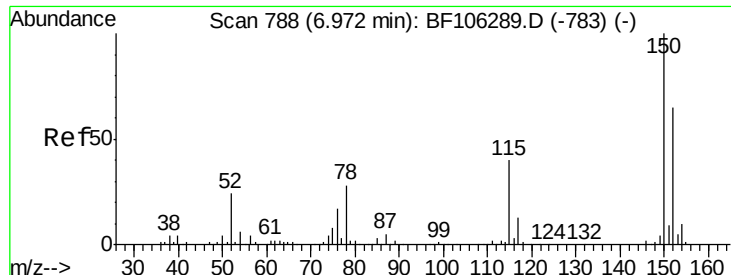
Instrument :
BNA_F
ClientSampleId :
B-11-12

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6/12/2018 12:58:30 PM

Quant Time: Jun 12 04:12:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

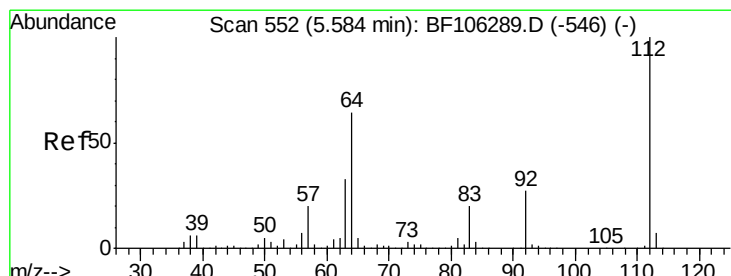
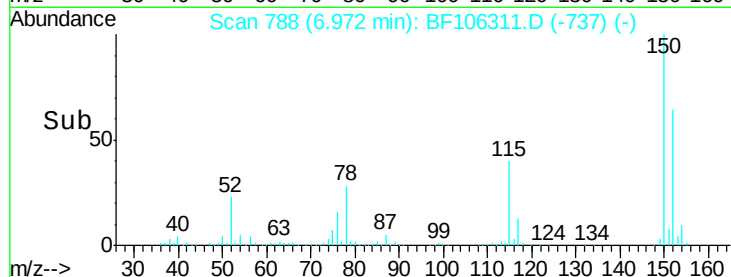
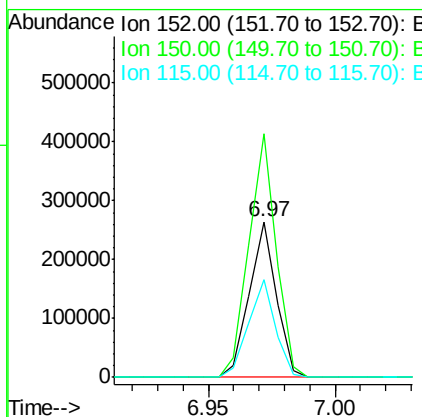
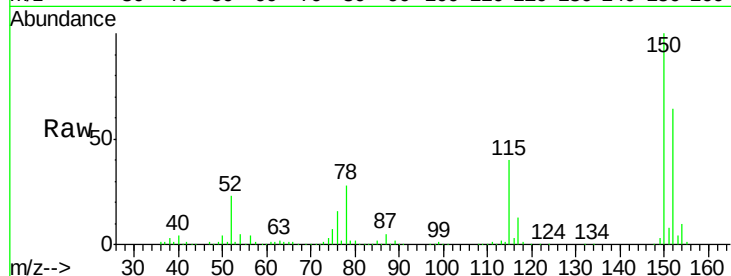
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampled :
B-11-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	62.7	50.1	75.1

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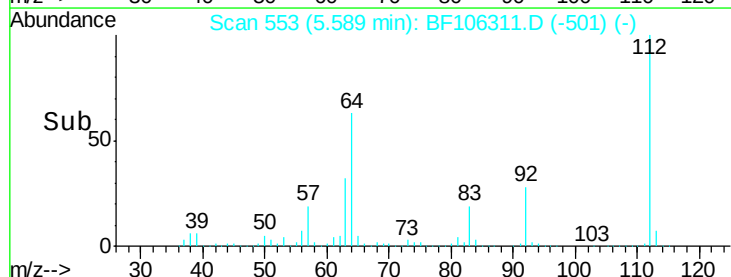
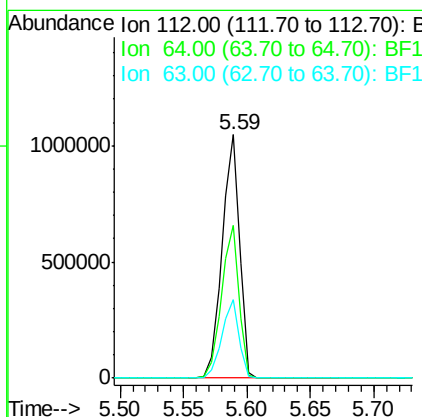
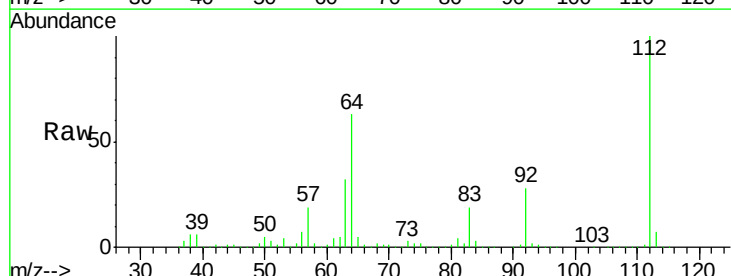
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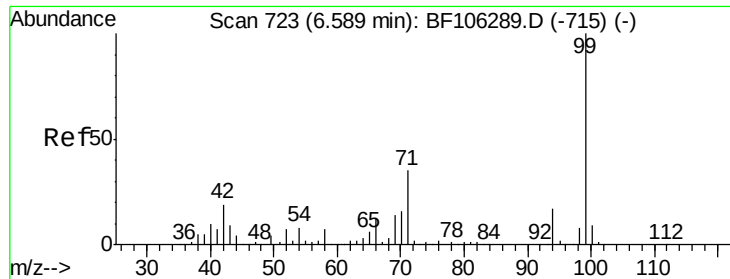


#5

2-Fluorophenol
Concen: 85.986 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 87.011 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Instrument :

BNA_F

ClientSampled :

B-11-12

Tot Ion: 99 Resp: 1279874

Ion Ratio Lower Upper

99 100

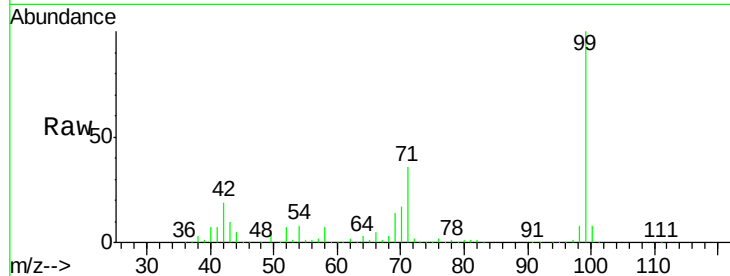
42 19.1 14.5 21.7

71 35.7 25.4 38.0

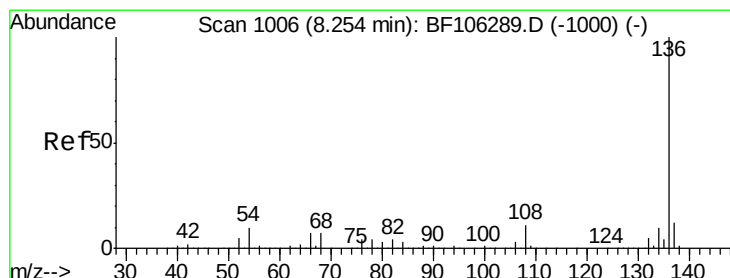
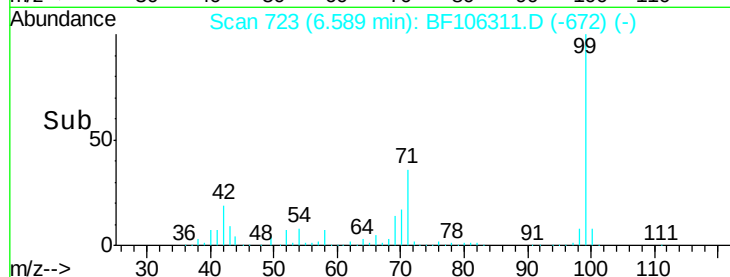
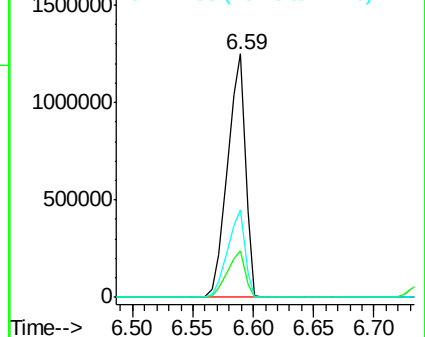
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Tgt Ion: 136 Resp: 698918

Ion Ratio Lower Upper

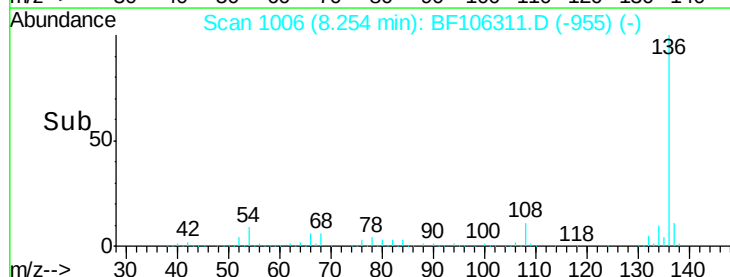
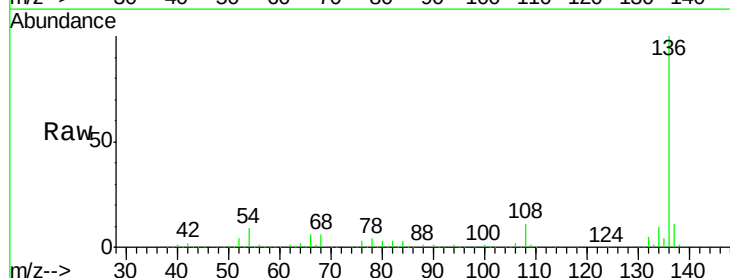
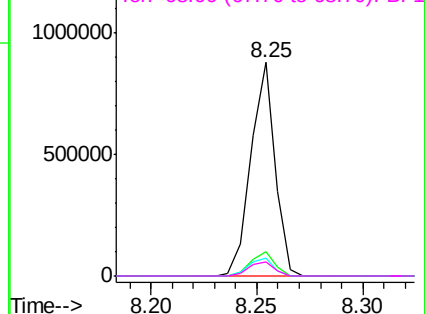
136 100

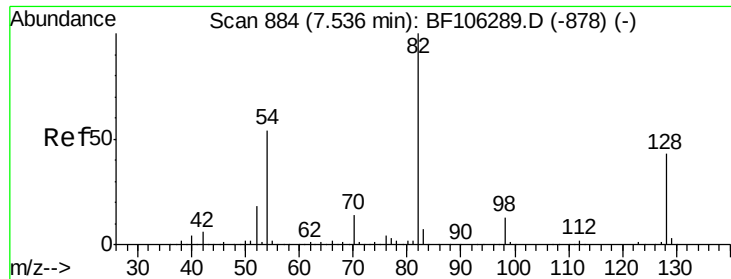
137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 6.4 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





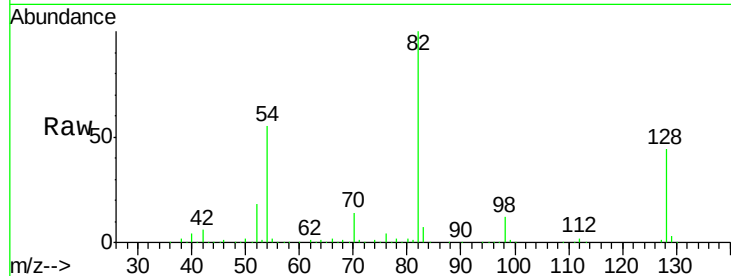
#23
Nitrobenzene-d5
Concen: 66.844 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampled :
B-11-12

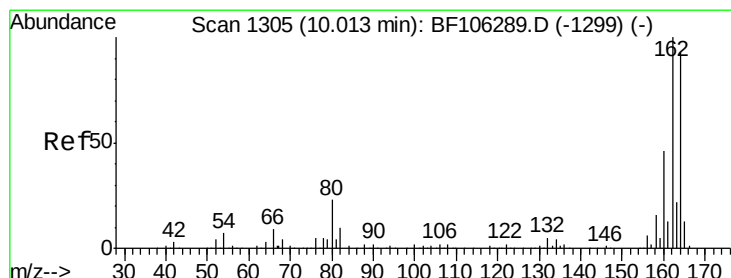
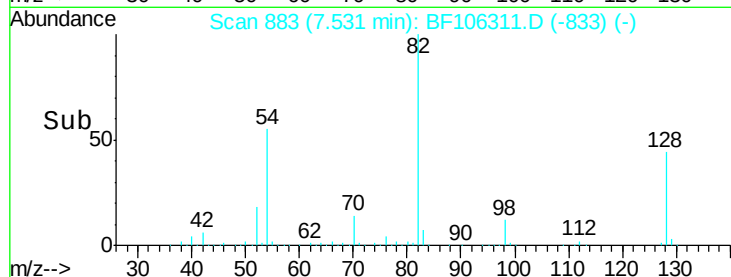
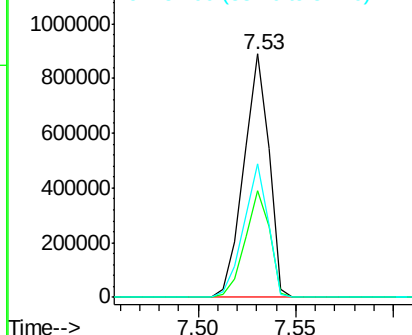
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	54.8	41.4	62.2

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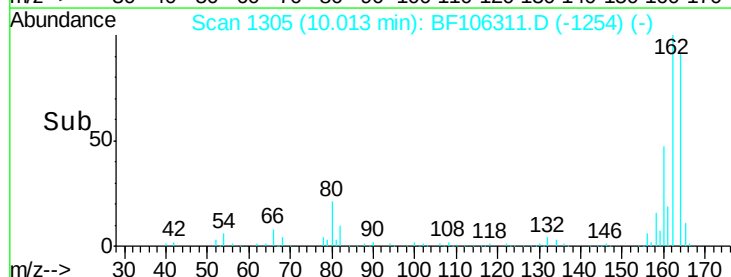
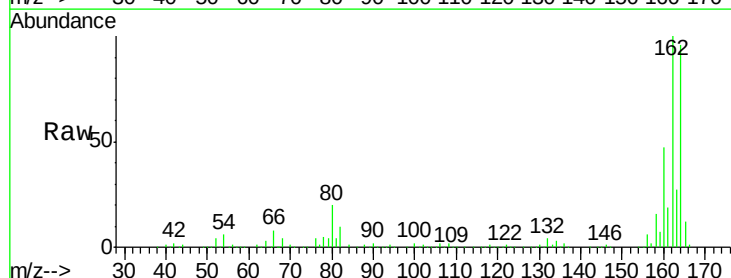
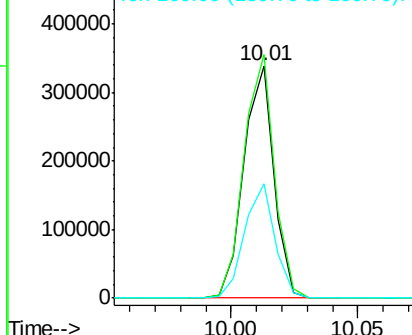
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

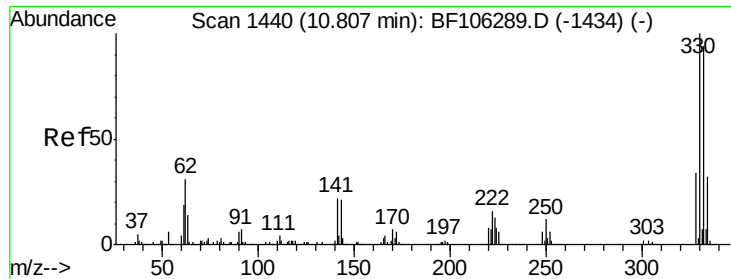


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	49.2	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: 101.331 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Instrument :

BNA_F

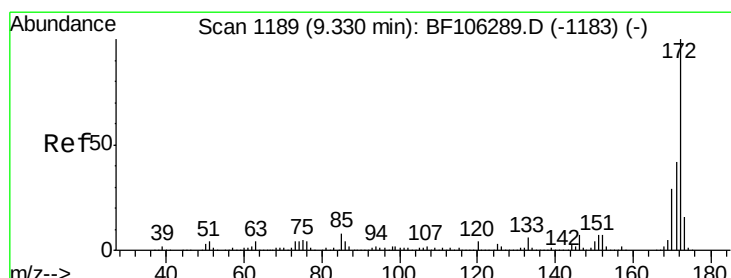
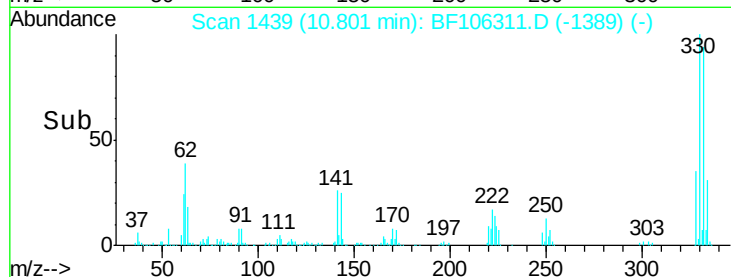
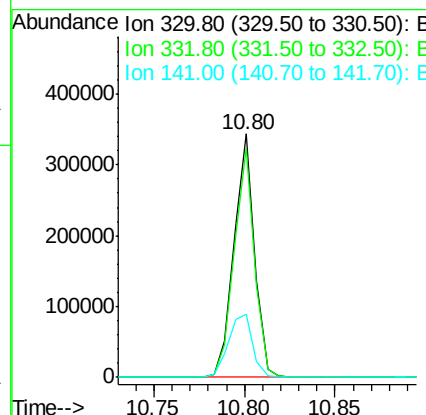
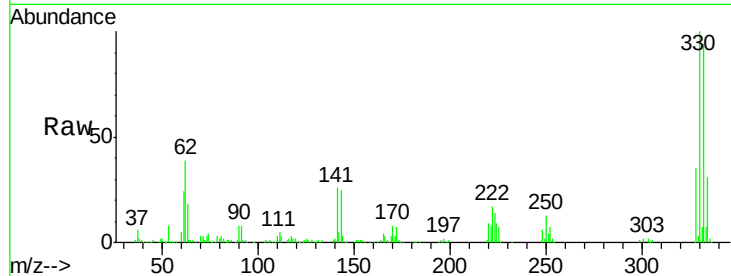
ClientSampleId :

B-11-12

Tot Ion:	330	Resp:	271412
Ion Ratio		Lower	Upper
330	100		
332	94.2	77.0	115.6
141	31.1	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 75.317 ng

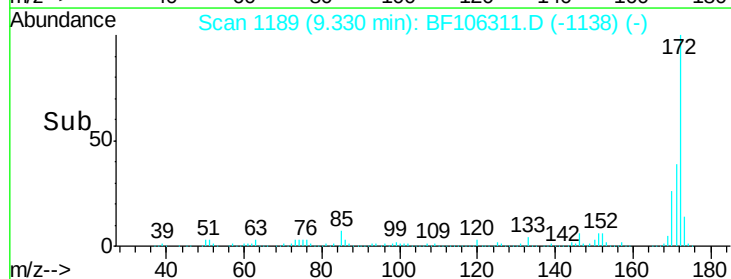
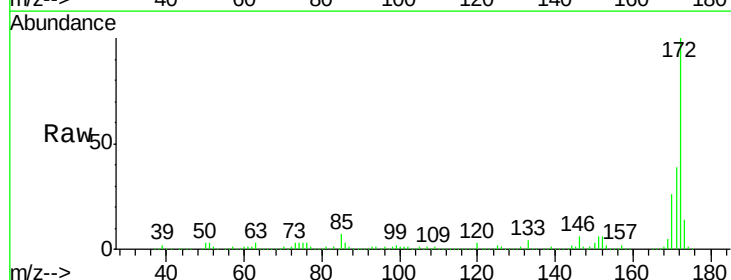
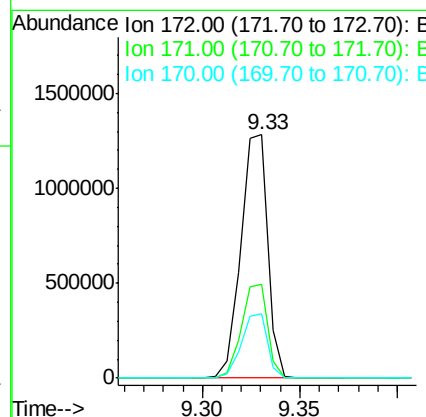
RT: 9.33 min Scan# 1189

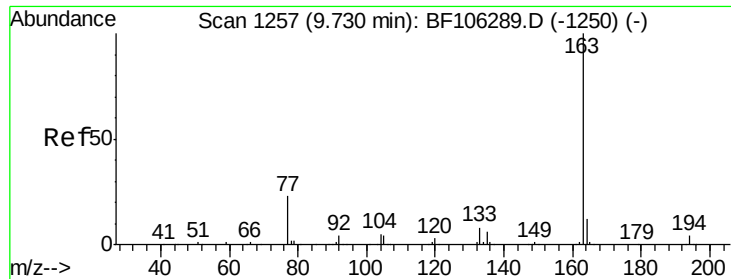
Delta R.T. 0.00 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Tgt Ion:	172	Resp:	1224964
Ion Ratio		Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.3	19.6	29.4





#49

Dimethylphthalate

Concen: 8.880 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Instrument :

BNA_F

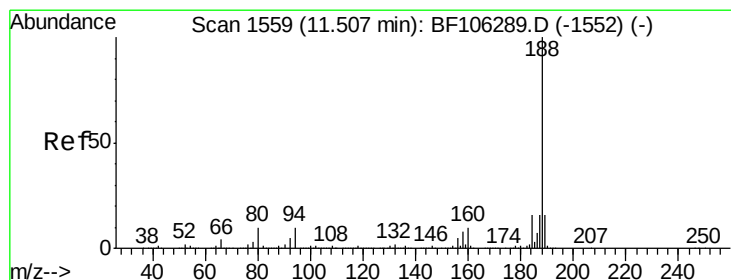
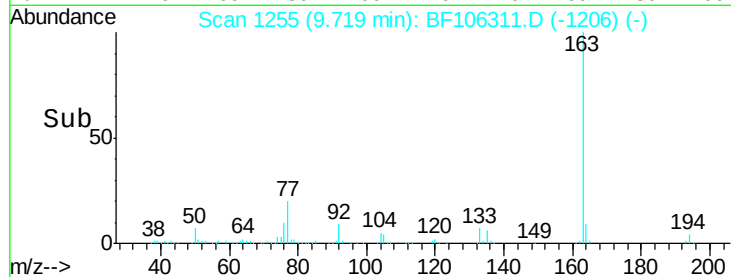
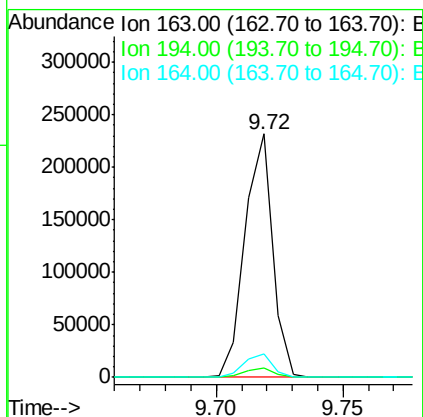
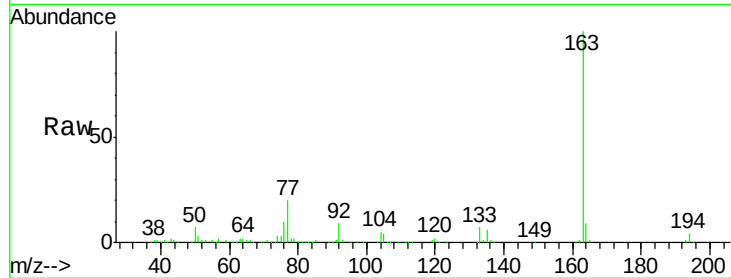
ClientSampleId :

B-11-12

Tot Ion:	163	Resp:	176602
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.4	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

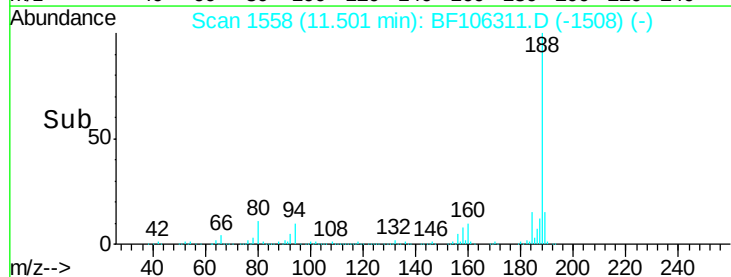
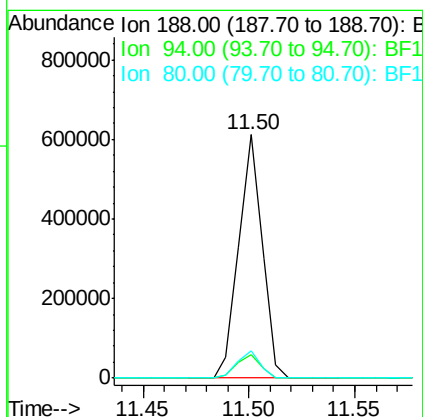
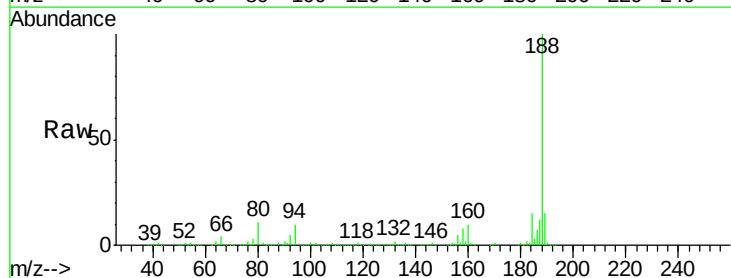
RT: 11.50 min Scan# 1558

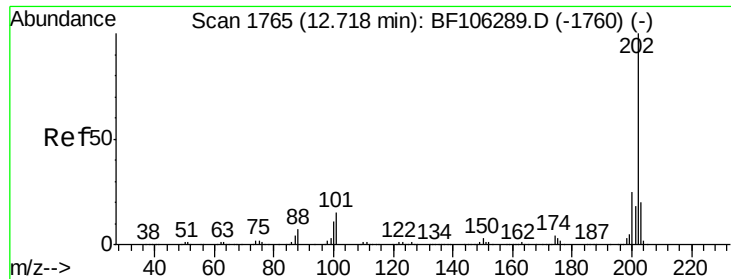
Delta R.T. -0.01 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Tgt Ion:	188	Resp:	471327
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	11.1	9.2	13.8





#74

Fluoranthene

Concen: 3.023 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Instrument :

BNA_F

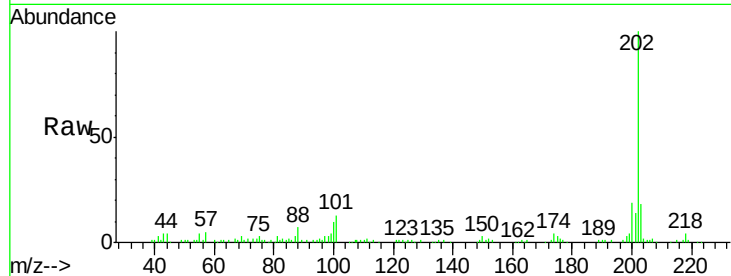
ClientSampleId :

B-11-12

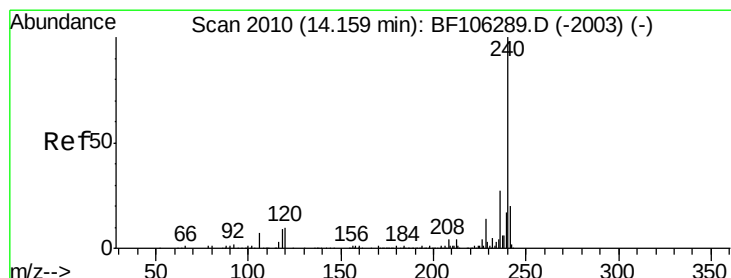
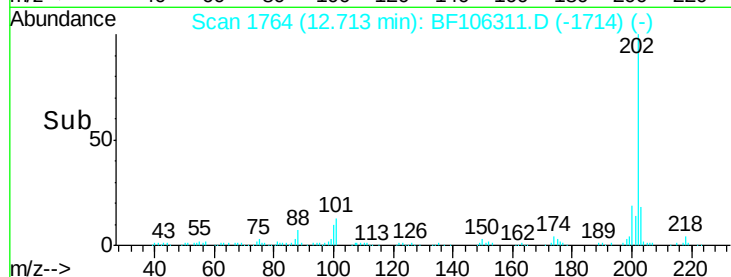
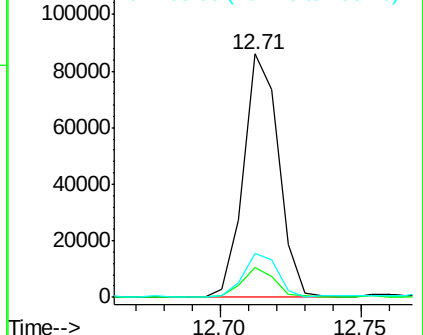
Tot Ion:	202	Resp:	74412
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	18.2	0.0	38.1

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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

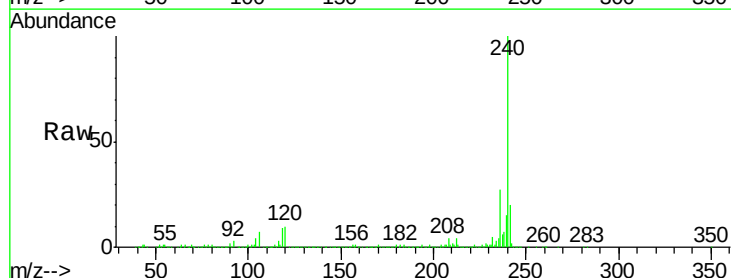
RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

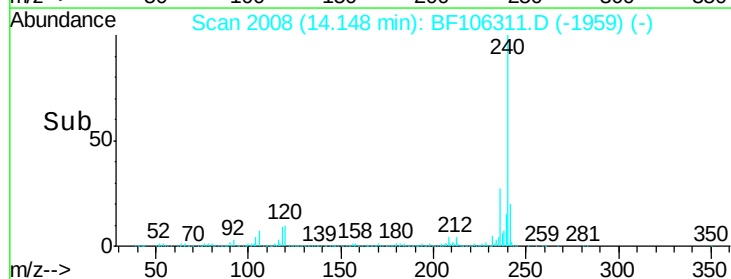
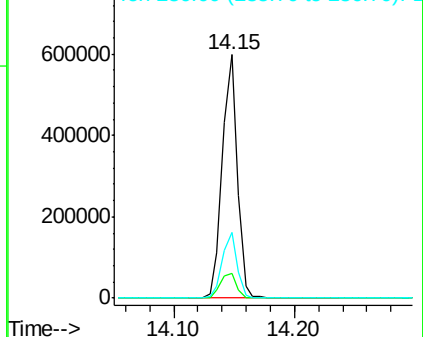
Lab File: BF106311.D

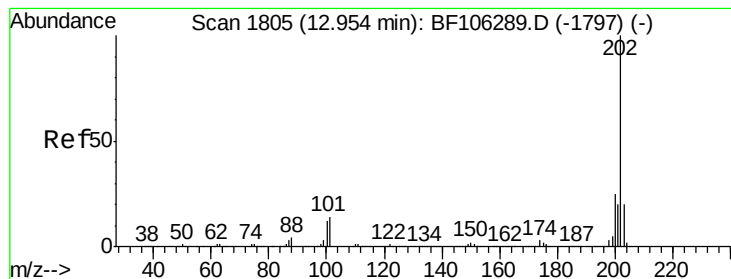
Acq: 11 Jun 2018 22:42

Tgt Ion:	240	Resp:	513010
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	27.2	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.776 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106311.D

Acq: 11 Jun 2018 22:42

Instrument :

BNA_F

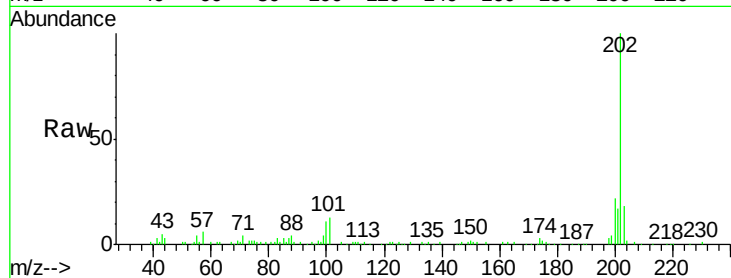
ClientSampleId :

B-11-12

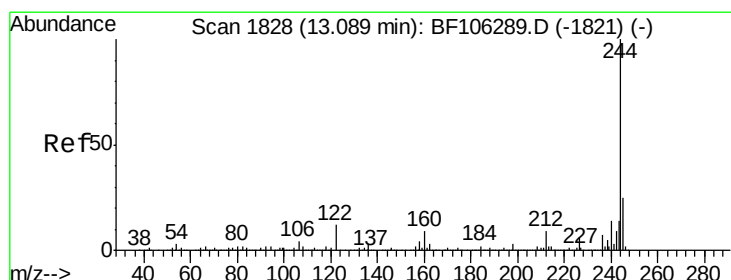
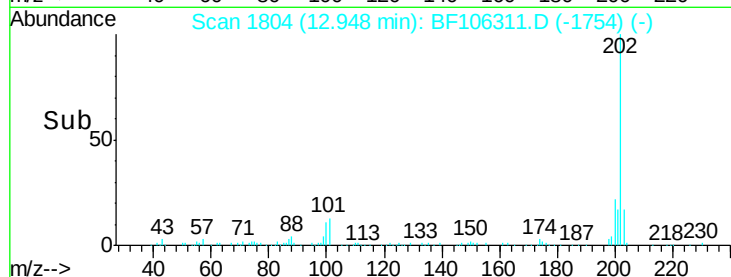
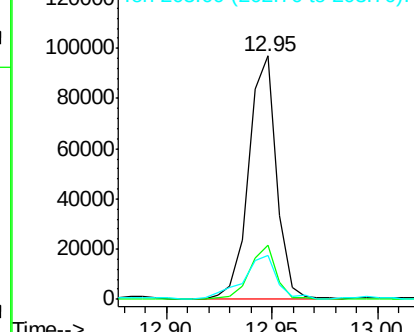
Tot Ion:	202	Resp:	89165
Ion Ratio		Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5

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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: 60.827 ng

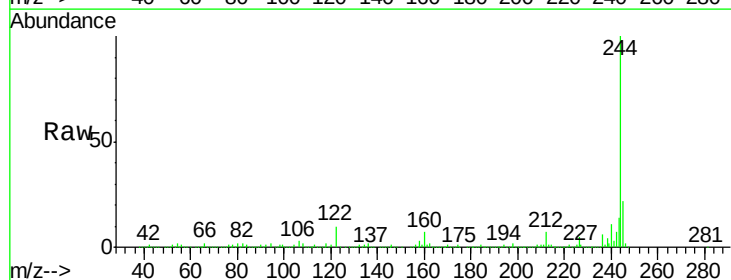
RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

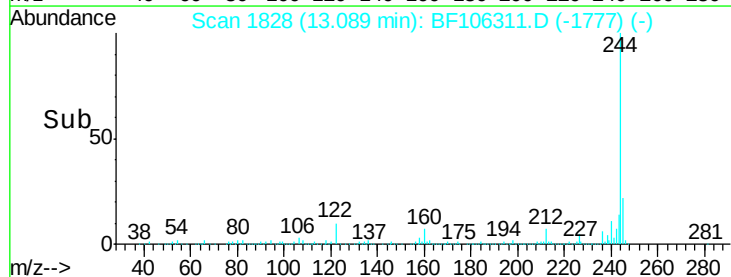
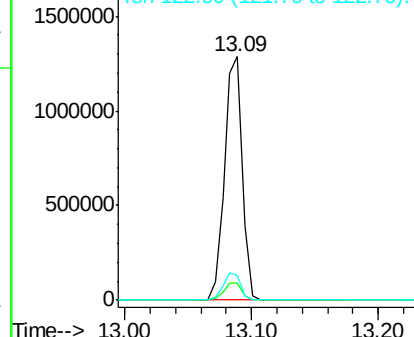
Lab File: BF106311.D

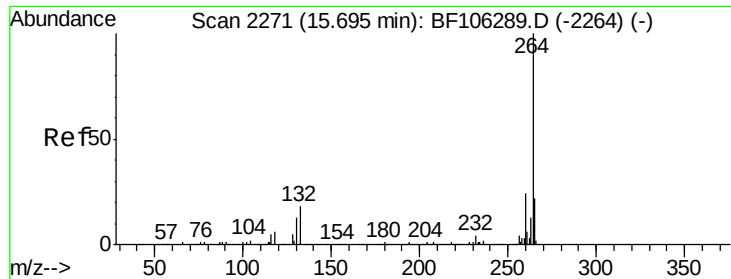
Acq: 11 Jun 2018 22:42

Tgt Ion:	244	Resp:	1256337
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.4	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





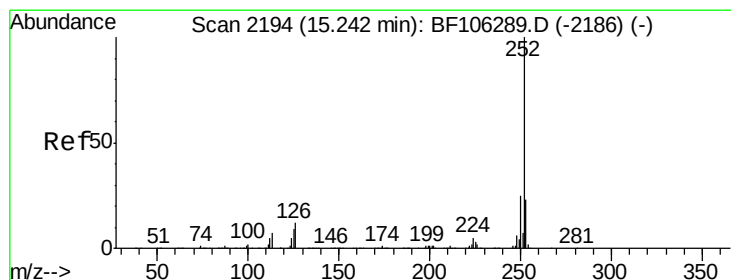
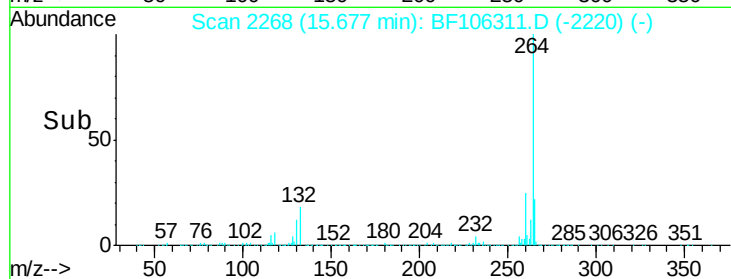
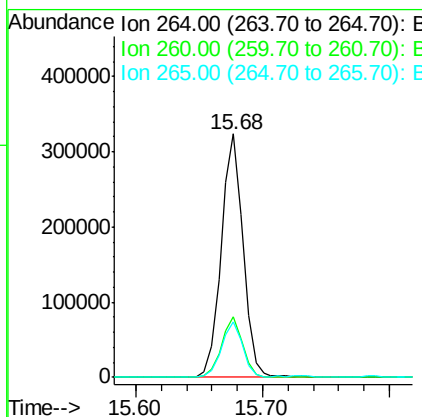
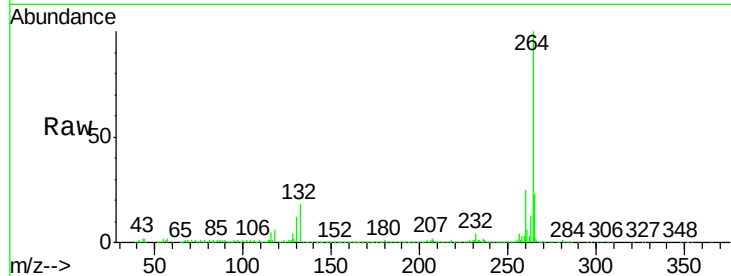
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:30 PM



#87
Benzo(b)fluoranthene
Concen: 2.084 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	10.3	9.0	13.6

