

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107611.D
 Acq On : 24 Jul 2018 9:38
 Operator : JU/SJ
 Sample : J4030-08DL 20X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB7-12-7DL

Manual Integrations
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Sohil
 7/24/2018 5:26:28 PM

Quant Time: Jul 24 10:54:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	228675	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	900672	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	348354	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	639552	20.00	ng	0.00
75) Chrysene-d12	14.17	240	523562	20.00	ng	0.00
86) Perylene-d12	15.71	264	409383	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	18862m	1.33	ng	0.00
7) Phenol-d6	6.61	99	77228m	4.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	44191m	3.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	1659	0.42	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.10	244	87715	4.29	ng	0.00
Target Compounds						
70) Phenanthrene	11.54	178	76318	2.449	ng	99
74) Fluoranthene	12.74	202	126829	3.792	ng	96
77) Pyrene	12.97	202	115775	3.233	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	596491	27.449	ng	99
87) Benzo(b)fluoranthene	15.25	252	45736m	2.041	ng	

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

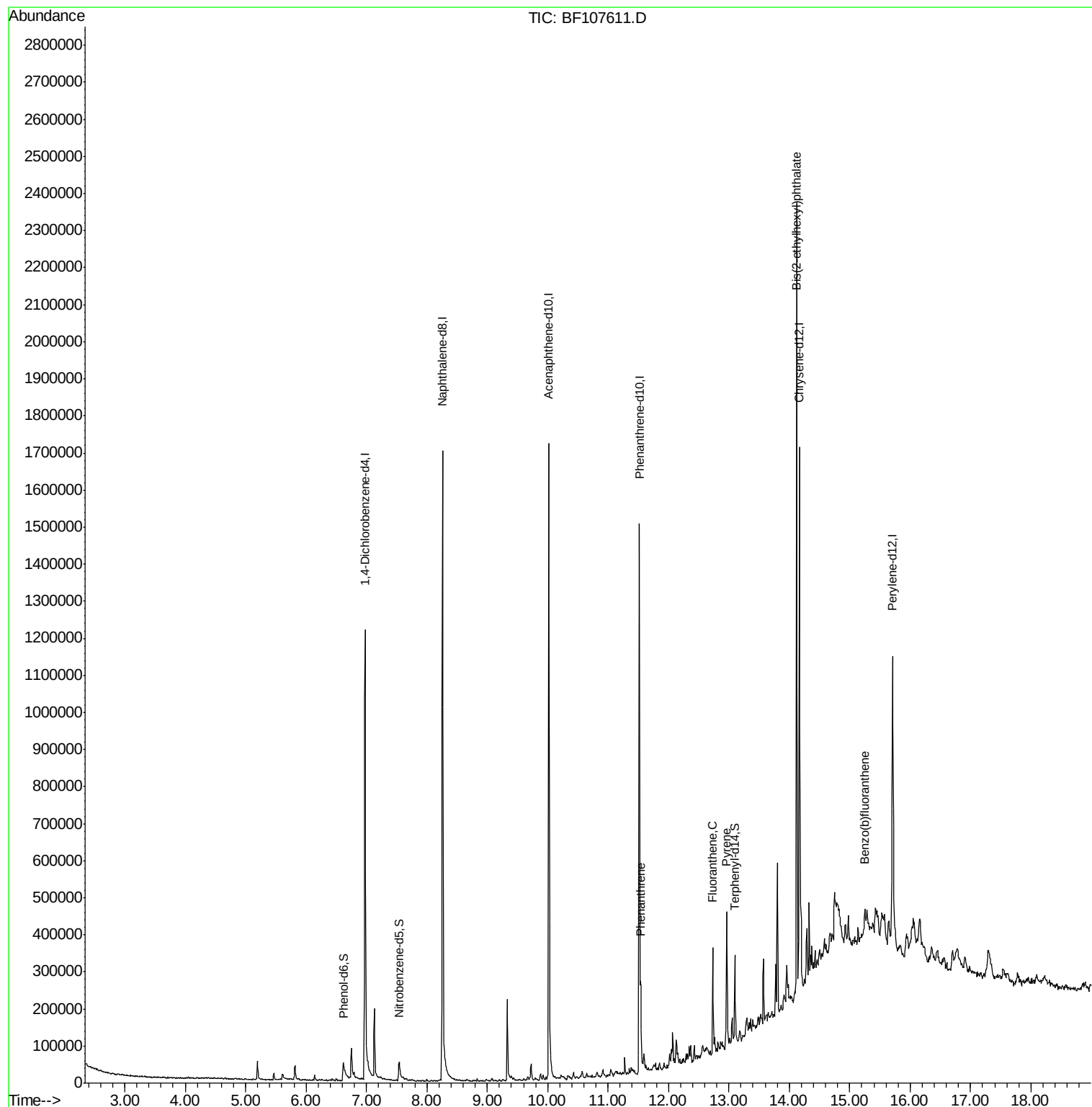
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107611.D
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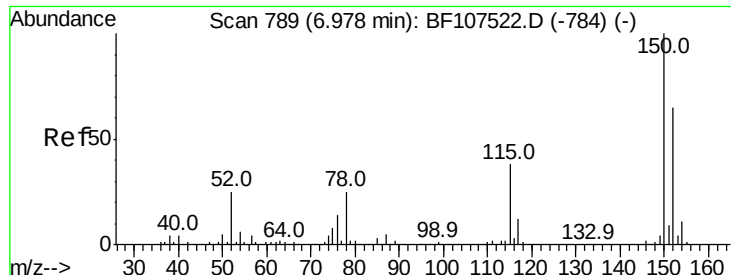
Instrument :
BNA_F
ClientSampleId :
SB7-12-7DL

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7/24/2018 5:26:28 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

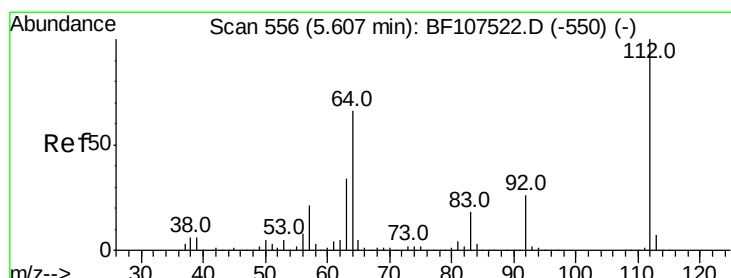
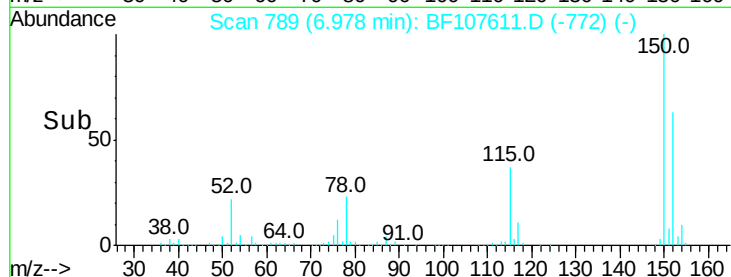
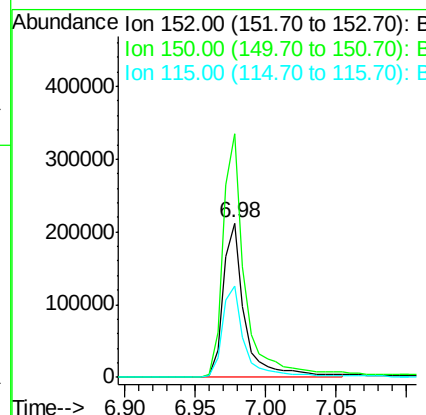
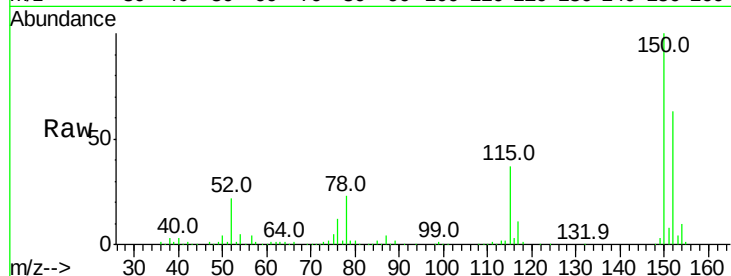
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107611.D
Acq: 24 Jul 2018 9:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.1	50.1	75.1

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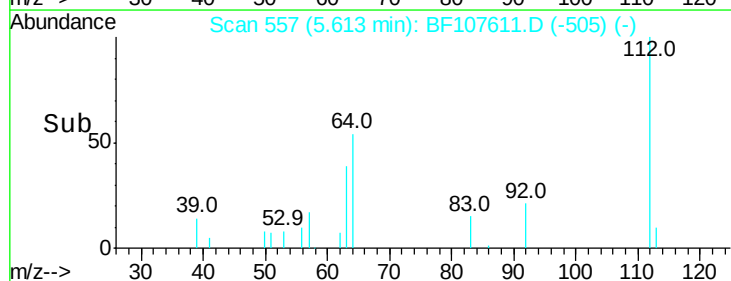
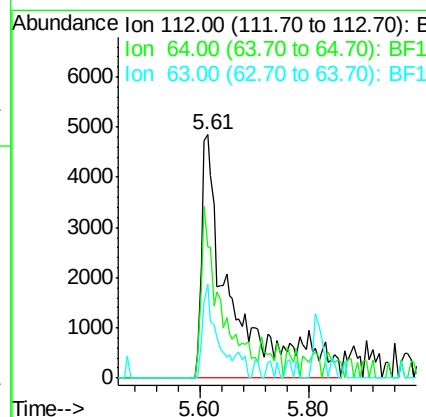
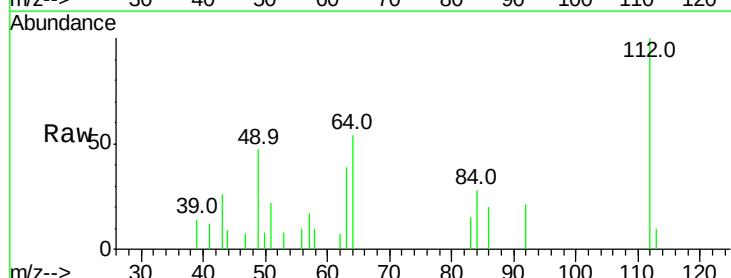
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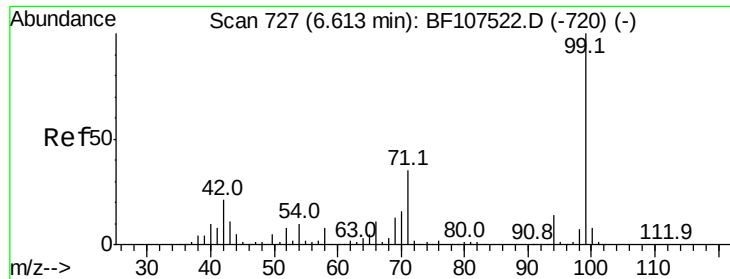


#5

2-Fluorophenol
Concen: 1.326 ng m
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107611.D
Acq: 24 Jul 2018 9:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	38.7	23.7	35.5





#7

Phenol-d6

Concen: 4.522 ng/mL

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107611.D

Acq: 24 Jul 2018 9:38

Instrument :

BNA_F

ClientSampleId :

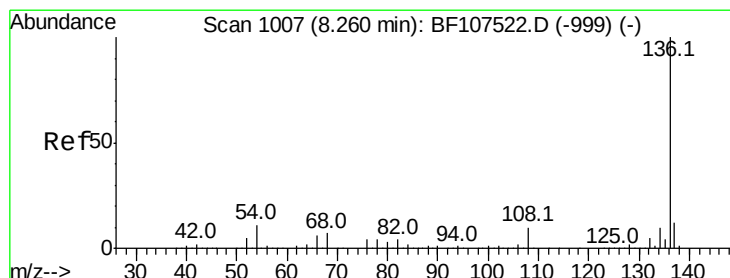
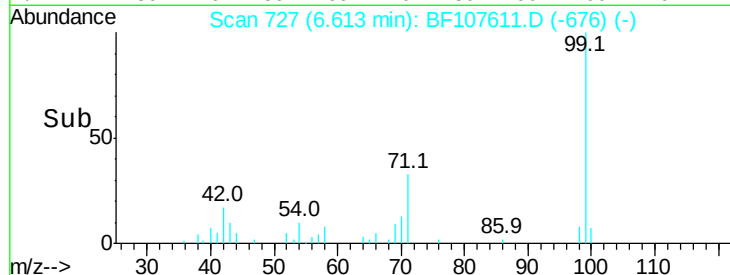
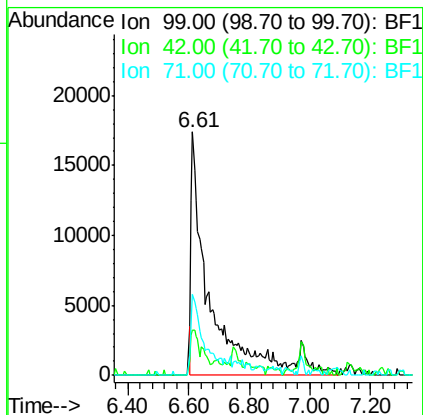
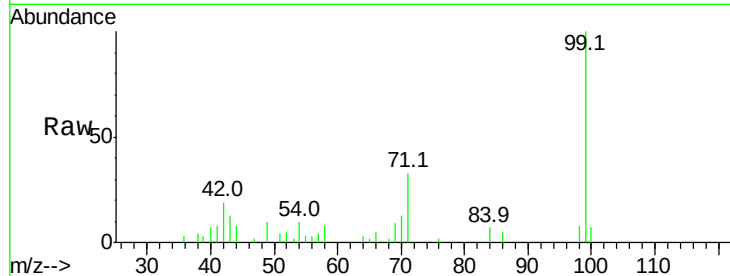
SB7-12-7DL

Tot Ion:	99	Resp:	77228
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	33.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

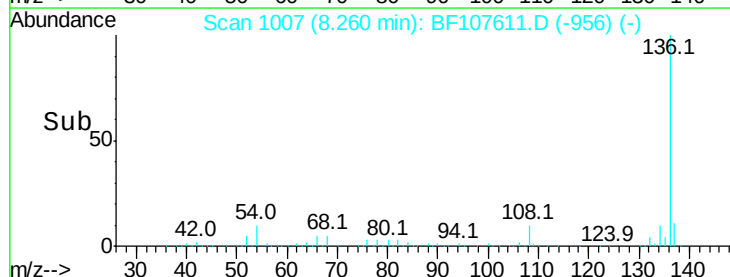
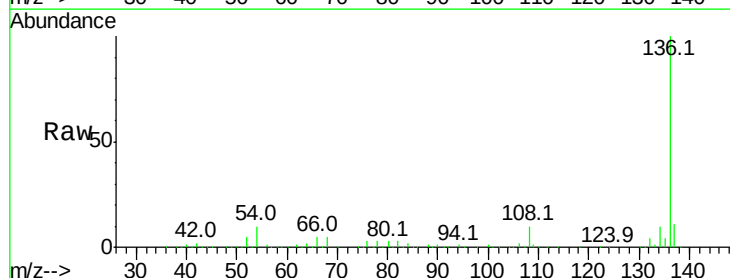
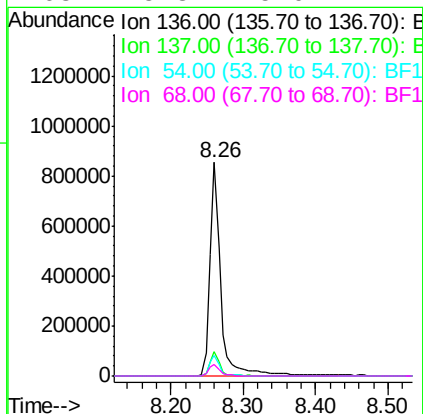
RT: 8.26 min Scan# 1007

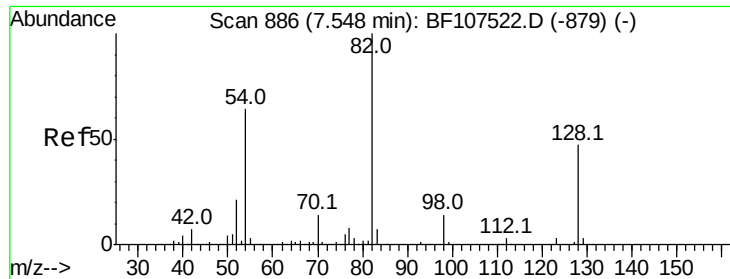
Delta R.T. 0.00 min

Lab File: BF107611.D

Acq: 24 Jul 2018 9:38

Tgt Ion:	136	Resp:	900672
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	5.3	5.0	7.4





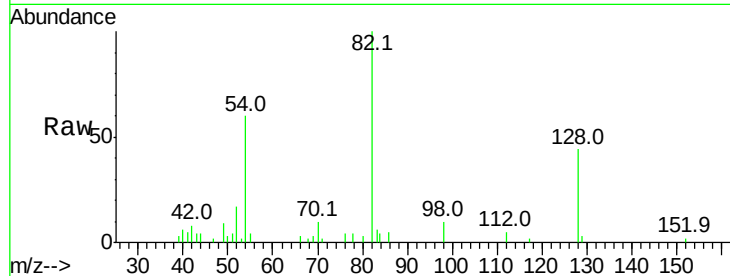
#23
Nitrobenzene-d5
Concen: 3.311 ng/ml
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107611.D
Acq: 24 Jul 2018 9:38

Instrument :
BNA_F
ClientSampled :
SB7-12-7DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	59.6	41.4	62.2

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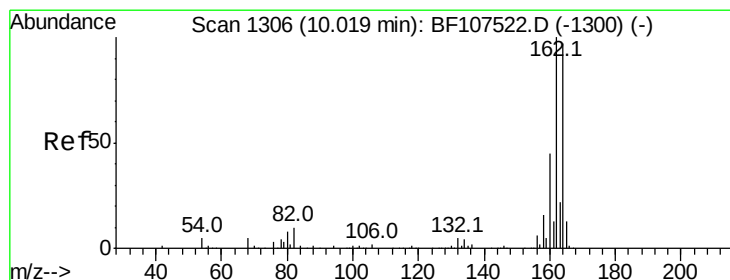
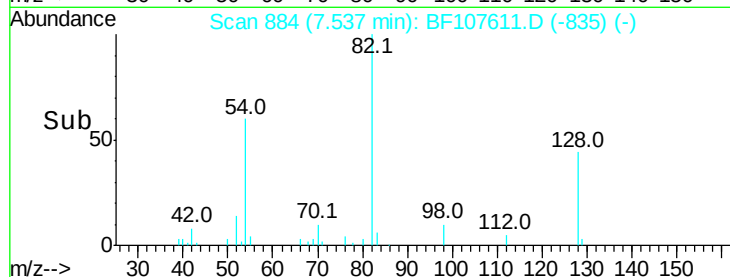
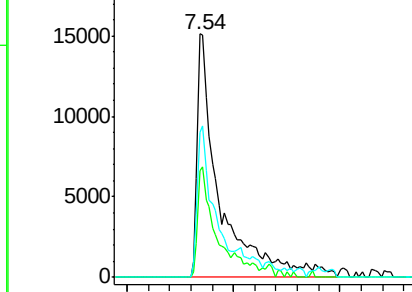


Abundance

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: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107611.D
Acq: 24 Jul 2018 9:38

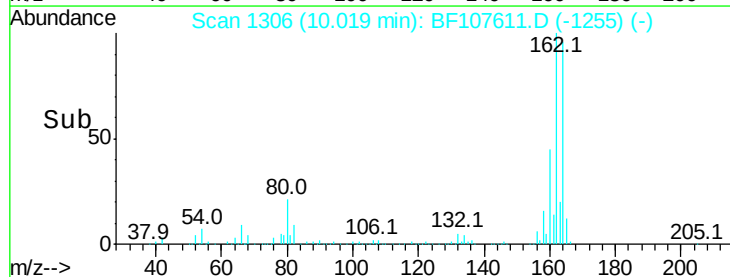
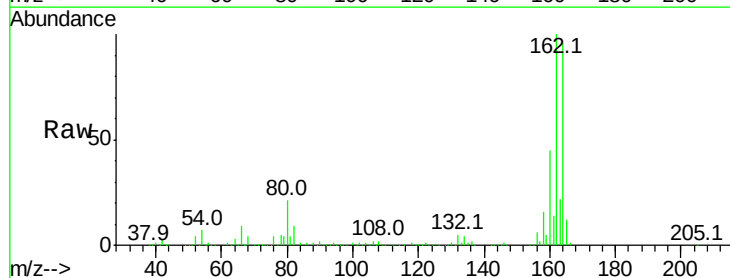
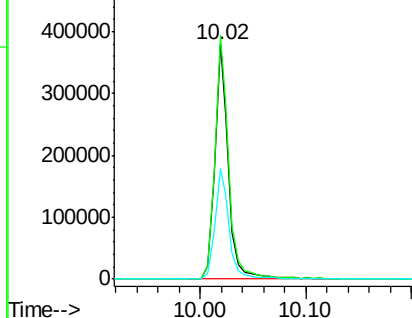
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.0	38.3	57.5

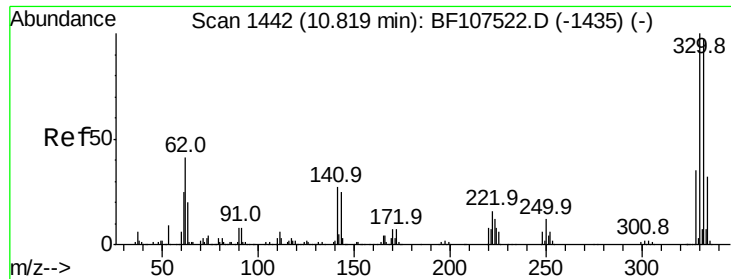
Abundance

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





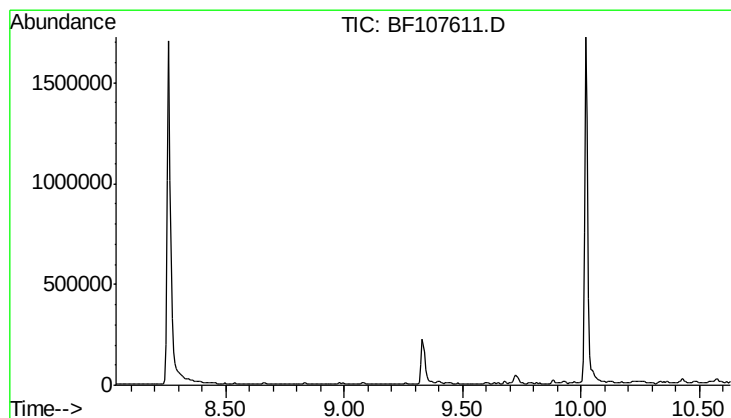
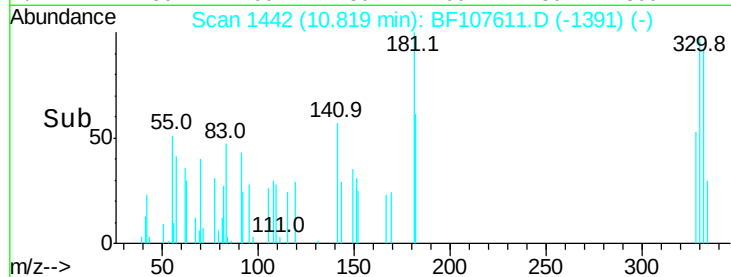
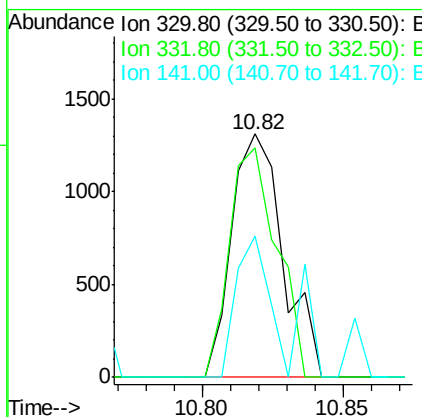
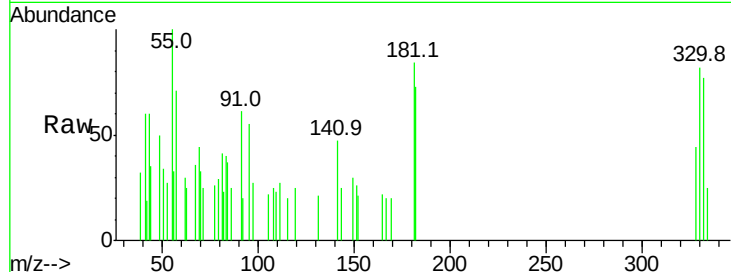
#41
 2,4,6-Tribromophenol
 Concen: 0.419 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107611.D
 Acq: 24 Jul 2018 9:38

Instrument :
 BNA_F
 ClientSampled :
 SB7-12-7DL

Tot Ion:	330	Resp:	1659
Ion Ratio	Lower	Upper	
330	100		
332	86.9	77.0	115.6
141	36.8	29.9	44.9

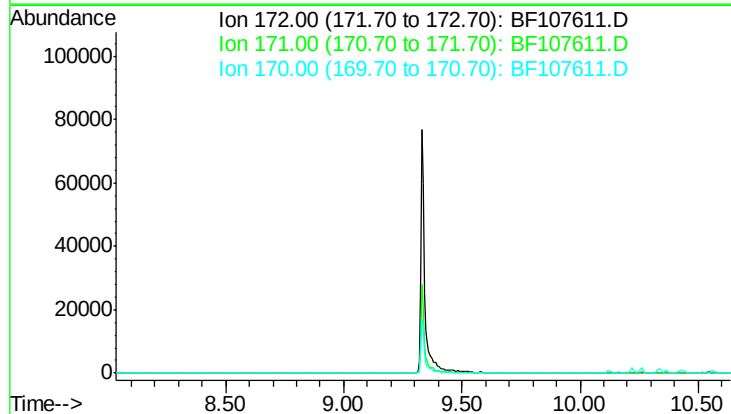
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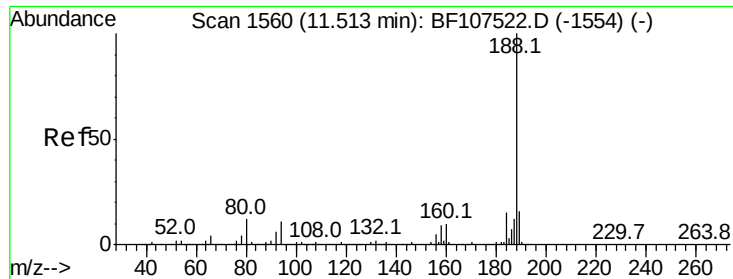
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#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.34 min
 Lab File: BF107611.D
 Acq: 24 Jul 2018 9:38

Tgt Ion:	172
Sig	Exp Ratio
172	100
171	37.1
170	24.5





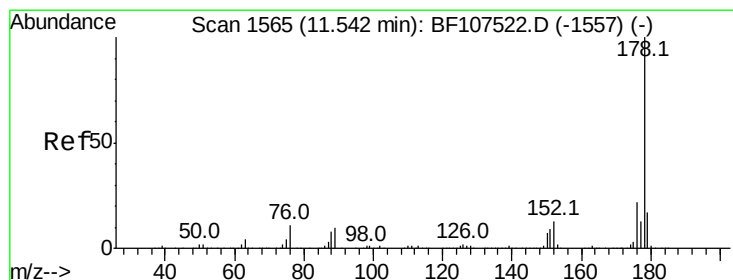
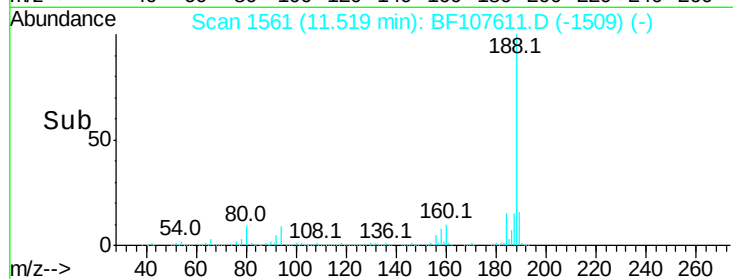
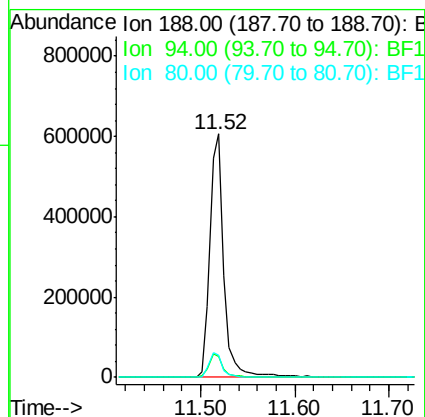
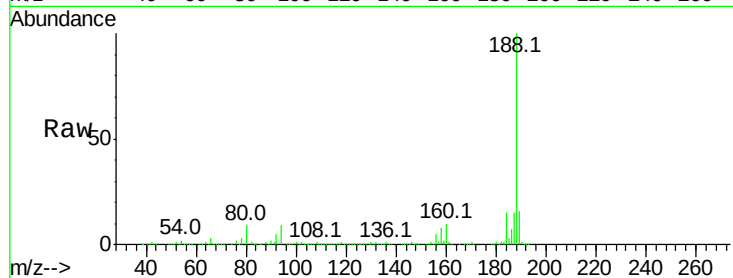
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF107611.D
 Acq: 24 Jul 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SB7-12-7DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.1	9.2	13.8#

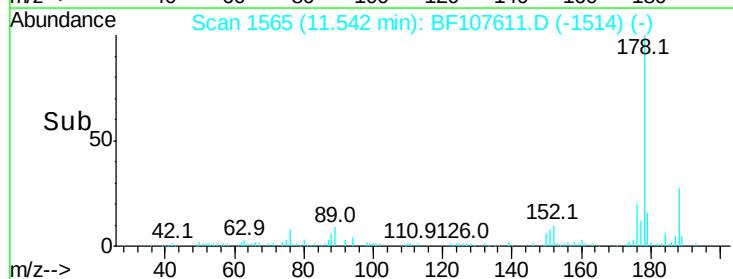
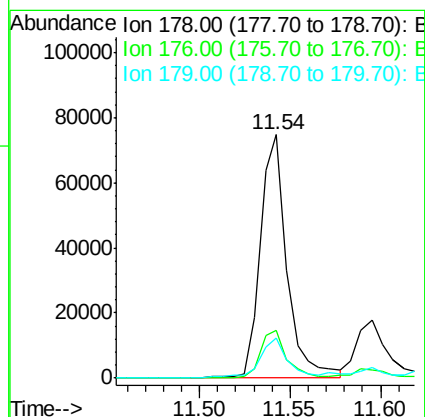
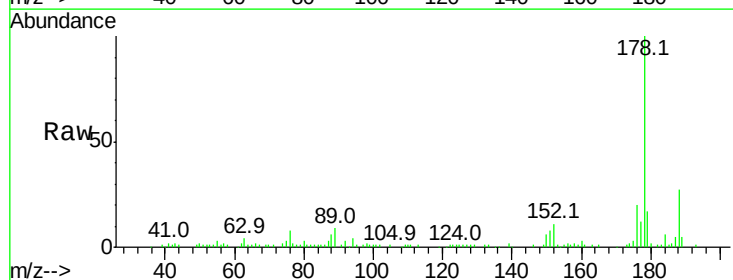
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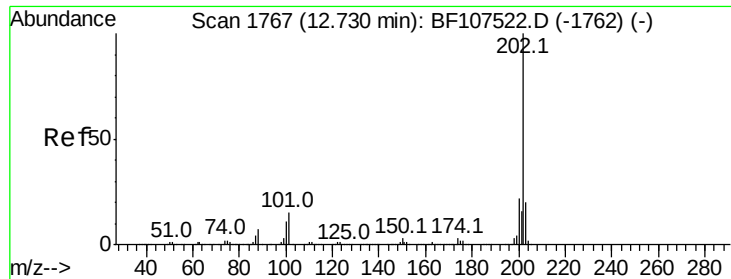
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#70
 Phenanthrene
 Concen: 2.449 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF107611.D
 Acq: 24 Jul 2018 9:38

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.7	13.0	19.6





#74

Fluoranthene

Concen: 3.792 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107611.D

Acq: 24 Jul 2018 9:38

Instrument :

BNA_F

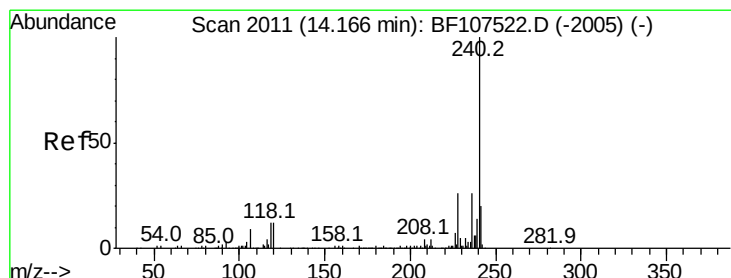
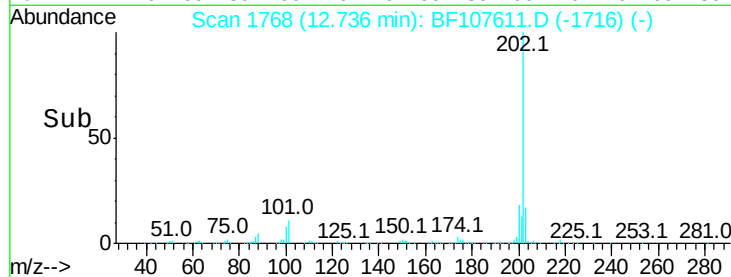
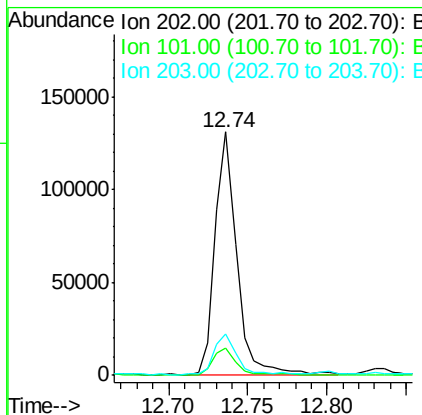
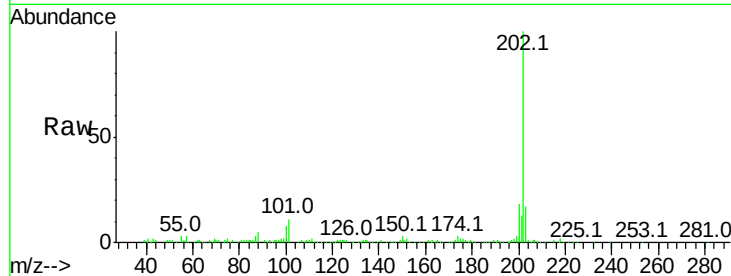
ClientSampled :

SB7-12-7DL

Tot Ion:	202	Resp:	126829
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

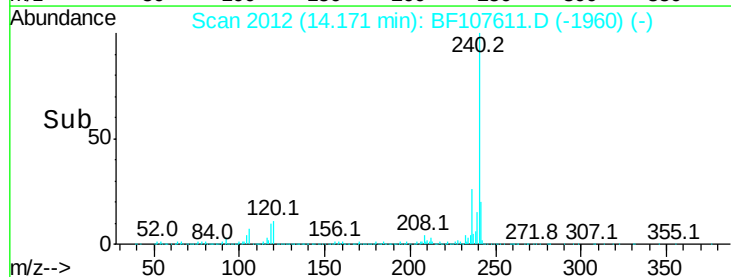
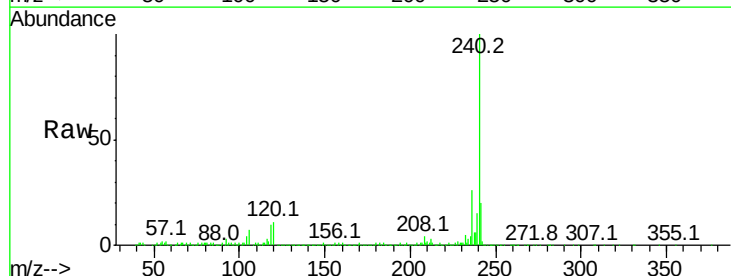
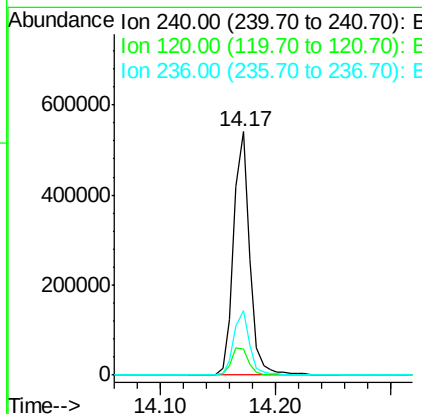
RT: 14.17 min Scan# 2012

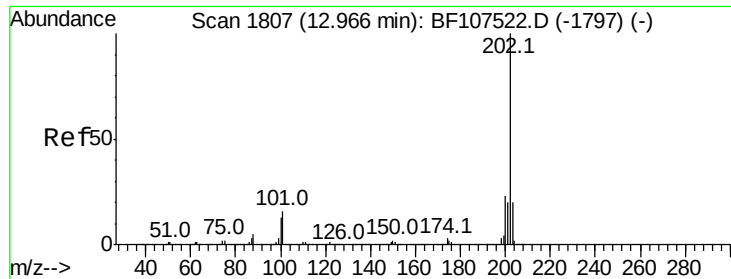
Delta R.T. 0.01 min

Lab File: BF107611.D

Acq: 24 Jul 2018 9:38

Tgt Ion:	240	Resp:	523562
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	26.4	20.7	31.1





#77

Pvrene

Concen: 3.233 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF107611.D

Acq: 24 Jul 2018 9:38

Instrument :

BNA_F

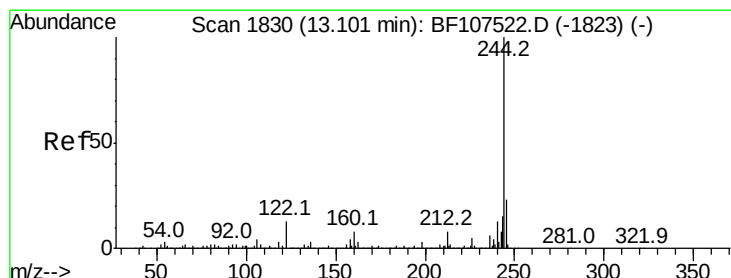
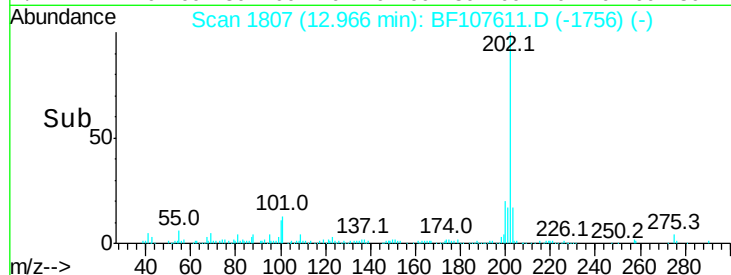
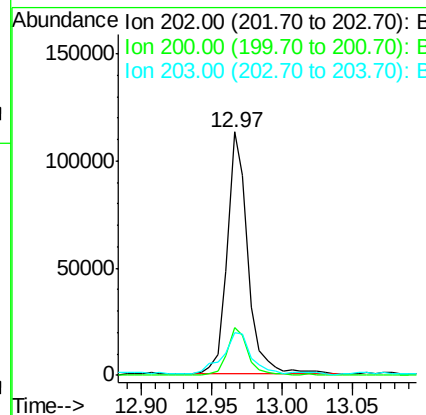
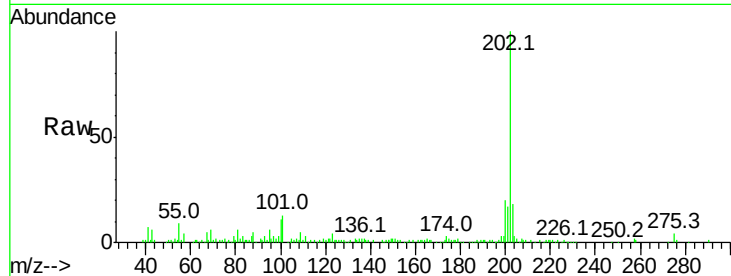
ClientSampled :

SB7-12-7DL

Tot Ion:	202	Resp:	115775
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 4.289 ng

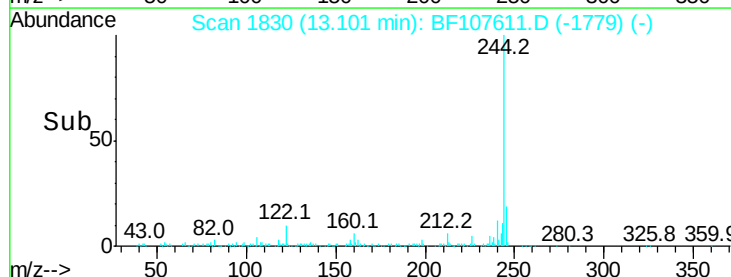
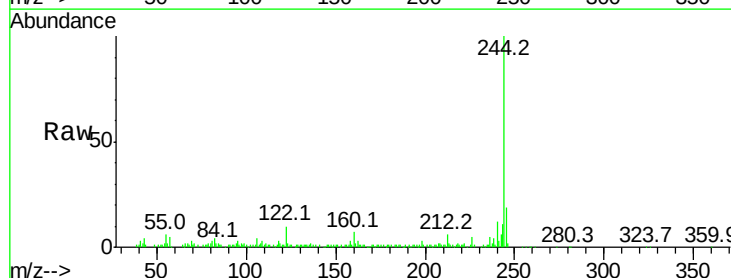
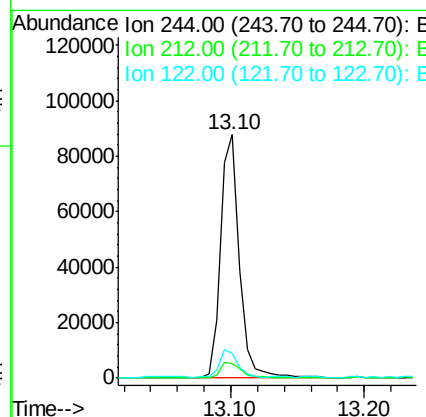
RT: 13.10 min Scan# 1830

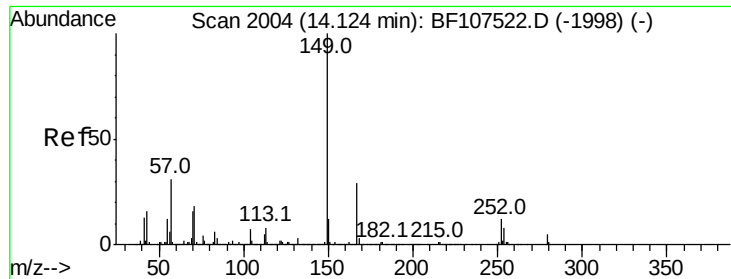
Delta R.T. 0.00 min

Lab File: BF107611.D

Acq: 24 Jul 2018 9:38

Tgt Ion:	244	Resp:	87715
Ion Ratio	Lower	Upper	
244	100		
212	5.8	5.4	8.0
122	9.9	11.0	16.4#





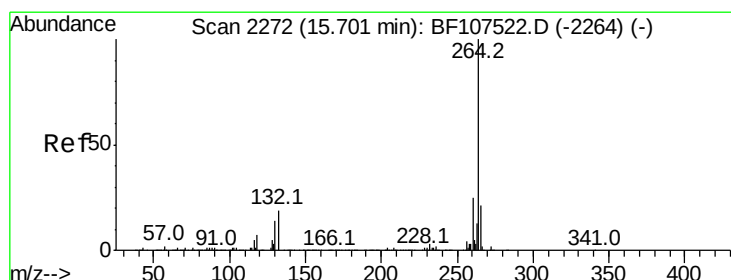
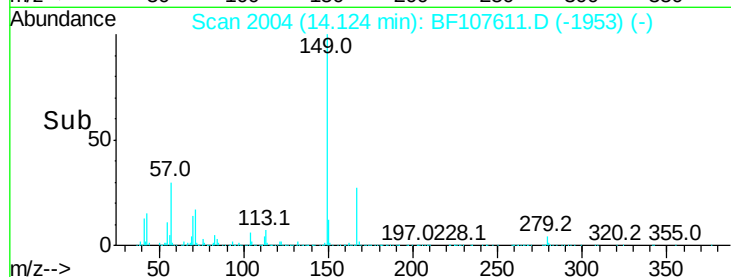
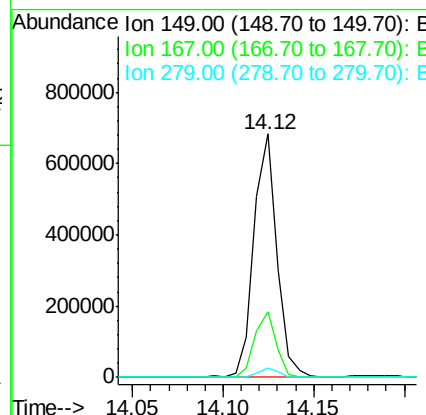
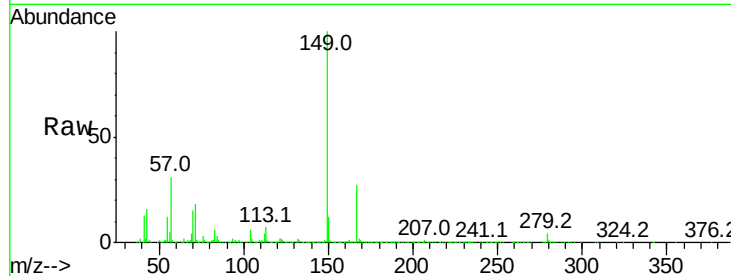
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.449 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF107611.D
 Acq: 24 Jul 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SB7-12-7DL

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.0	21.3	31.9	
279	3.7	3.0	4.4	

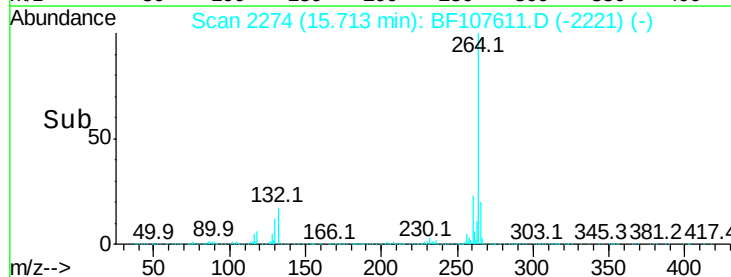
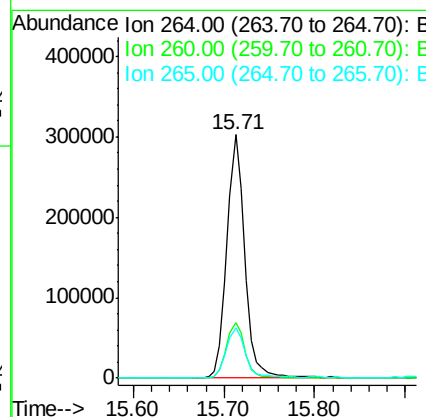
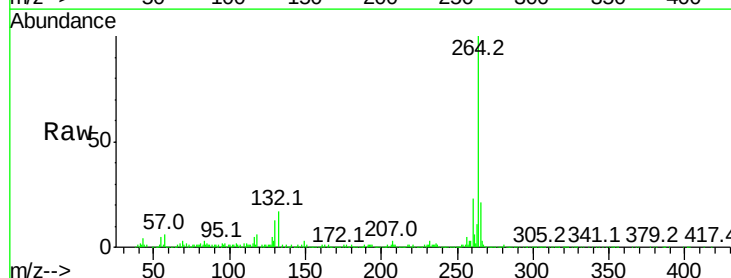
Manual Integrations
 APPROVED

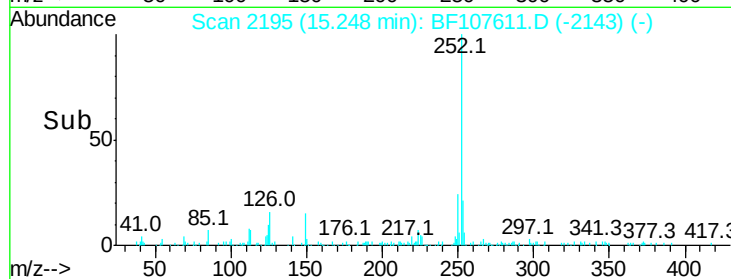
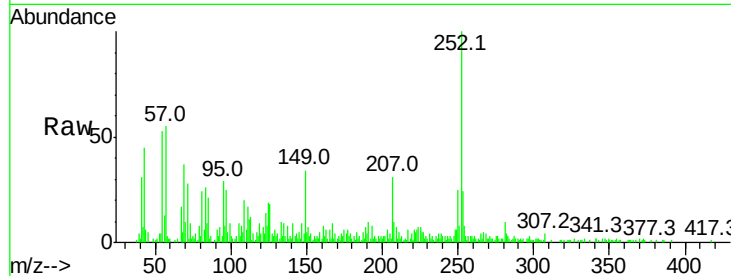
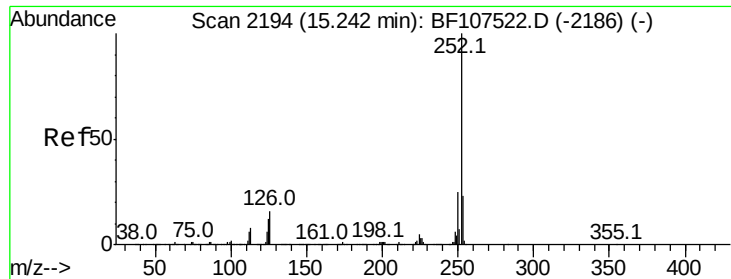
Sohil
 7/24/2018 5:26:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF107611.D
 Acq: 24 Jul 2018 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.8	19.2	28.8	
265	20.6	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 2.041 ng/mL

RT: 15.25 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BF107611.D

Acq: 24 Jul 2018 9:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7DL

Tot Ion:	252	Resp:	45736
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.0	25.6
125	19.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
7/24/2018 5:26:28 PM

