

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101884.D
 Acq On : 4 Jan 2018 3:59
 Operator : SJ/JU
 Sample : J1004-20 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Manual Integrations
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Quant Time: Jan 04 10:41:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	123286	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	437641	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	156371	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	273686	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	270933	20.00	ng	-0.02
86) Perylene-d12	15.42	264	202676	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	419237	50.65	ng	0.00
7) Phenol-d6	6.42	99	503496	48.88	ng	-0.01
23) Nitrobenzene-d5	7.35	82	281585	35.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	68705	45.60	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	369829	36.69	ng	-0.02
78) Terphenyl-d14	12.87	244	312410	27.80	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.53	163	27902	2.218	ng	Qvalue # 95
70) Phenanthrene	11.33	178	31533	2.072	ng	97
74) Fluoranthene	12.52	202	50088	3.135	ng	98
77) Pyrene	12.76	202	45693	2.247	ng	98

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

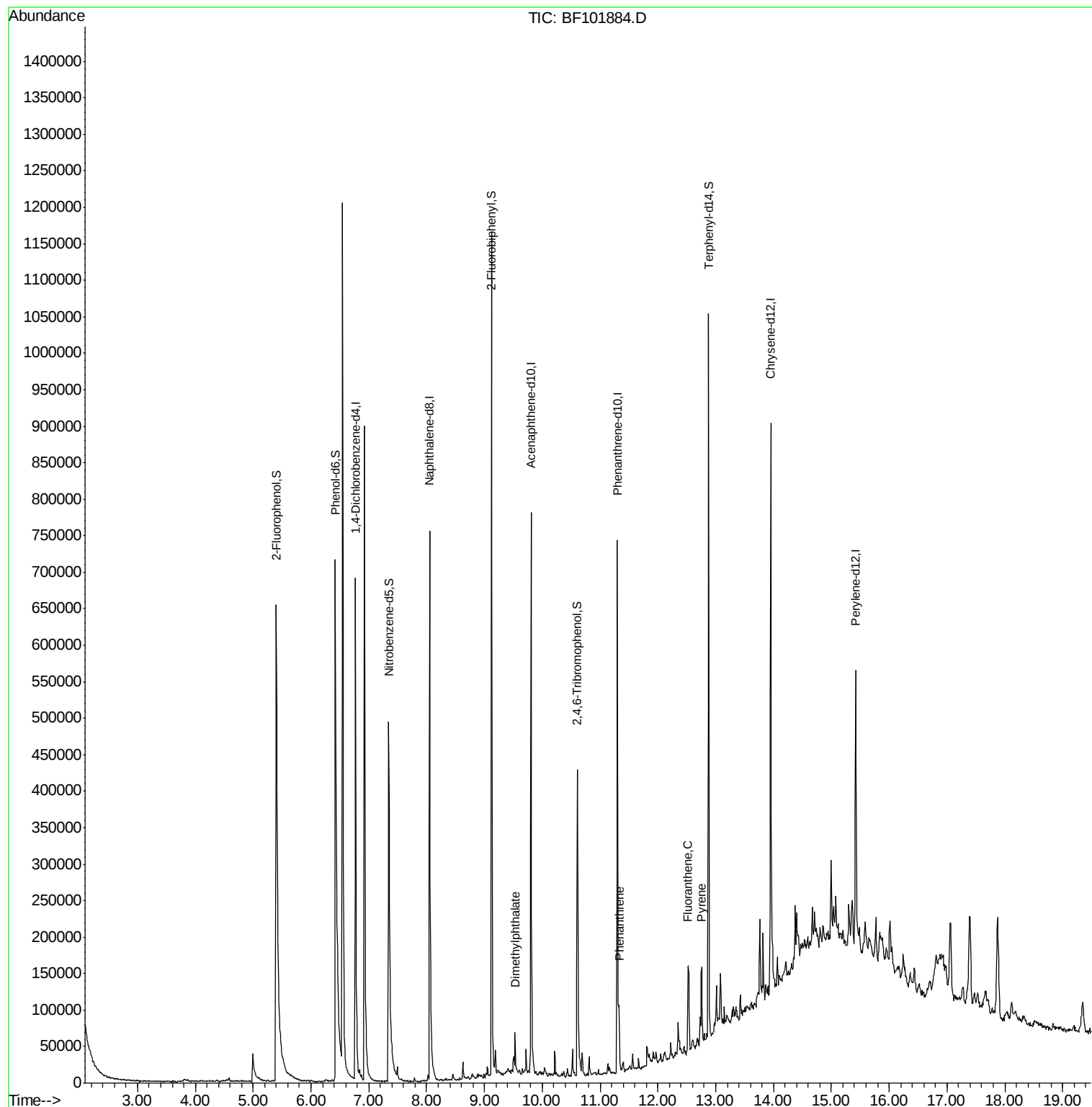
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
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QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

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#1

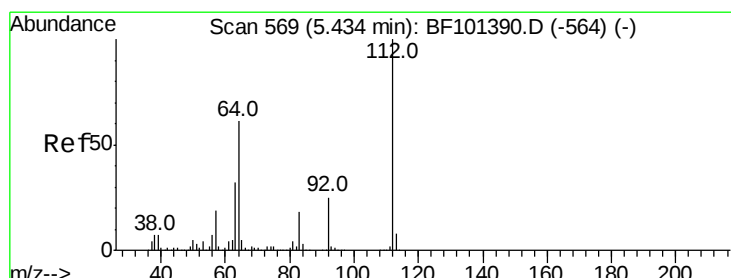
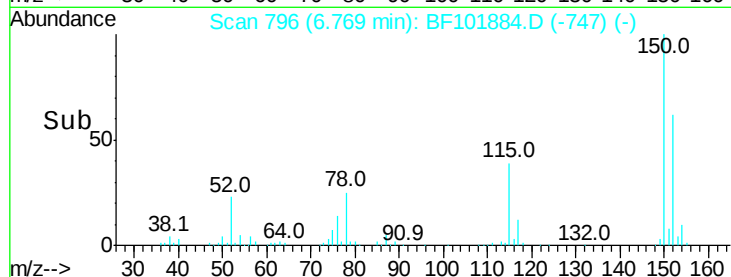
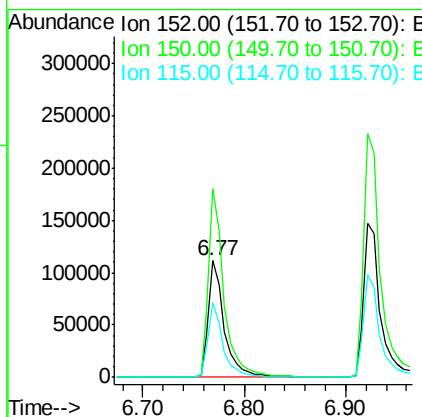
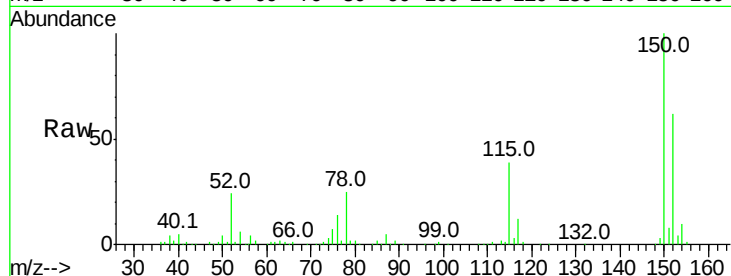
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	63.5	50.1	75.1

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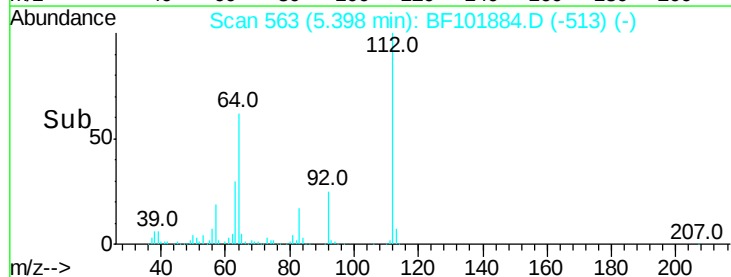
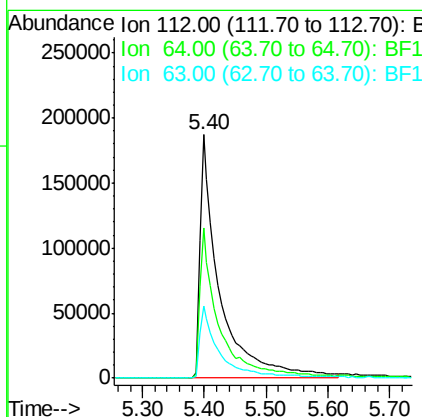
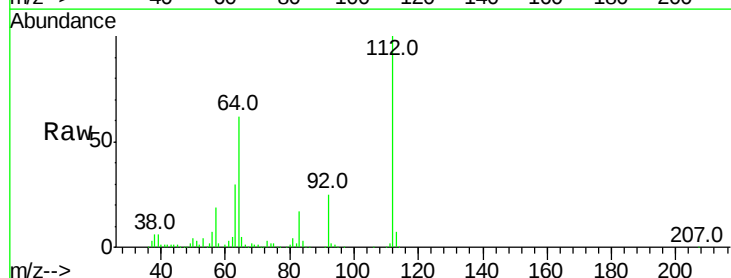
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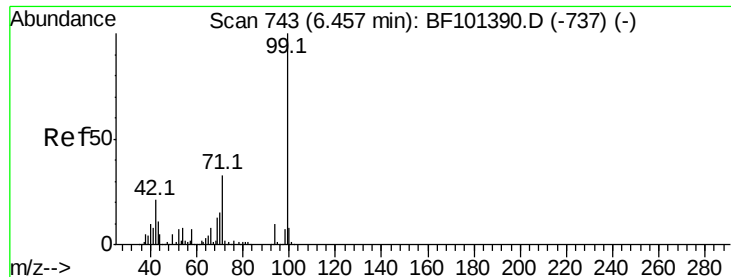


#5

2-Fluorophenol
Concen: 50.653 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 48.881 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101884.D

Acq: 4 Jan 2018 3:59

Instrument :

BNA_F

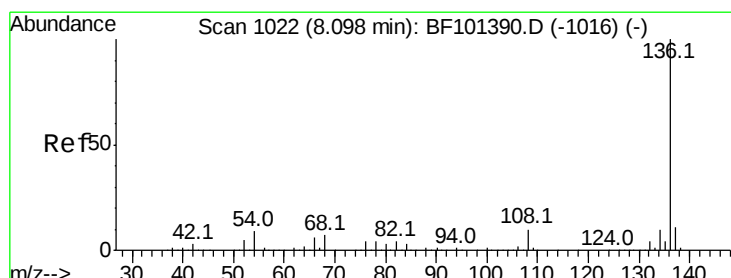
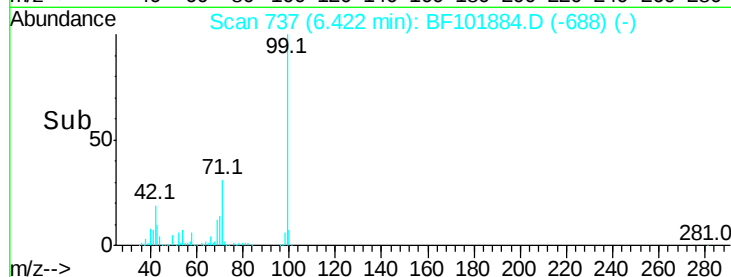
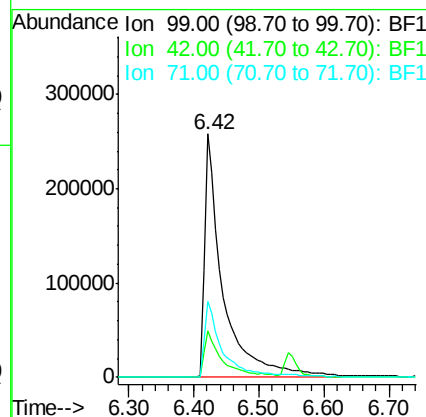
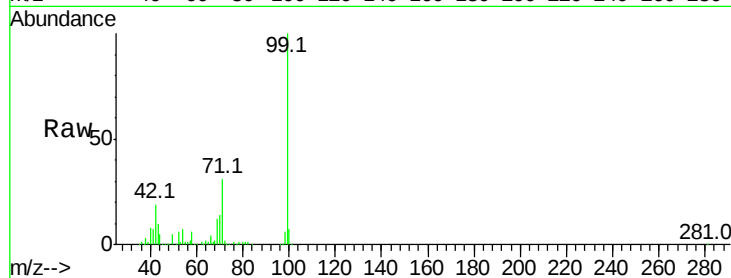
ClientSampleId :

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Tot Ion:	99	Resp:	503496
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	31.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

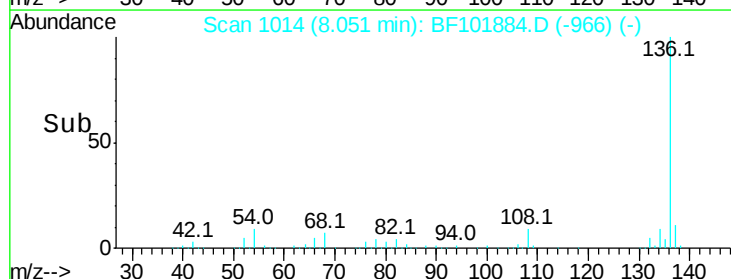
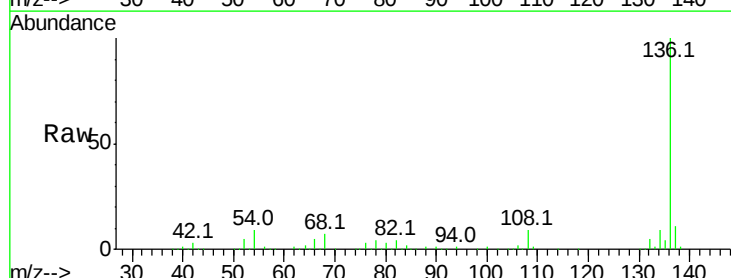
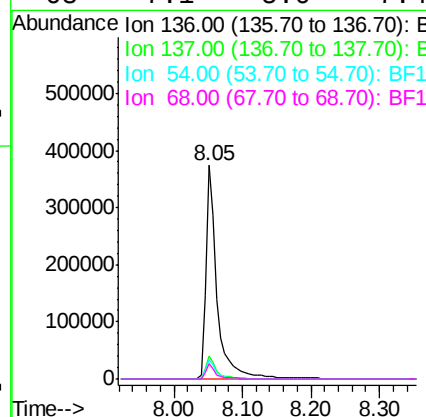
RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101884.D

Acq: 4 Jan 2018 3:59

Tgt Ion:	136	Resp:	437641
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	7.1	5.0	7.4





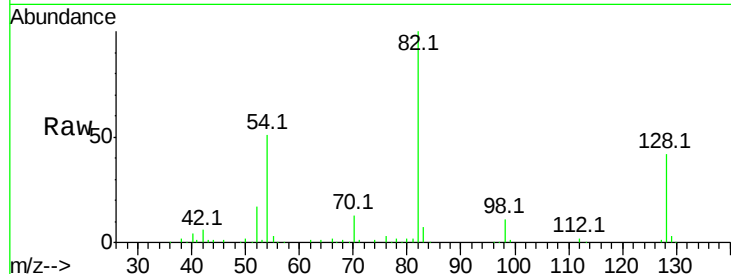
#23
Nitrobenzene-d5
Concen: 35.816 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

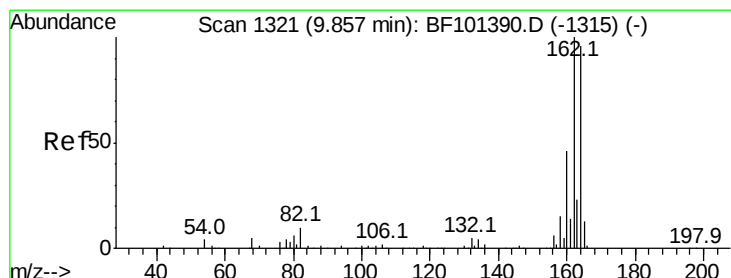
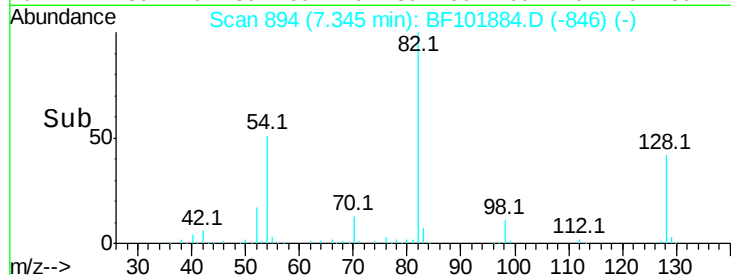
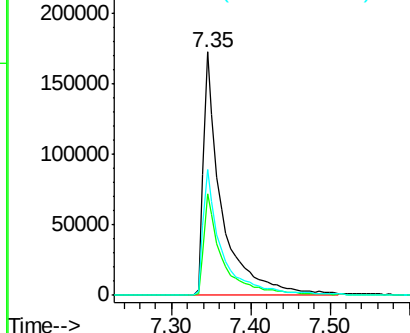
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.9	36.1	54.1	
54	51.5	41.4	62.2	

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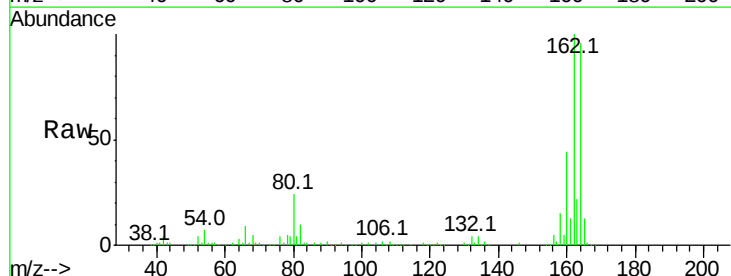


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

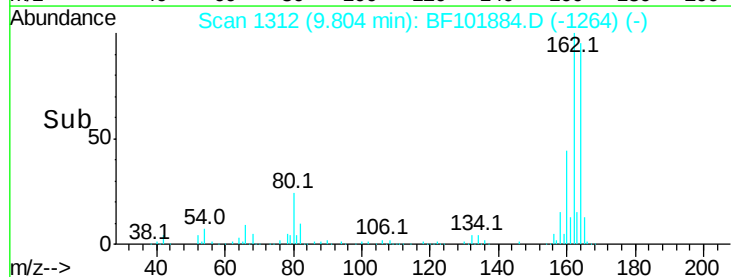
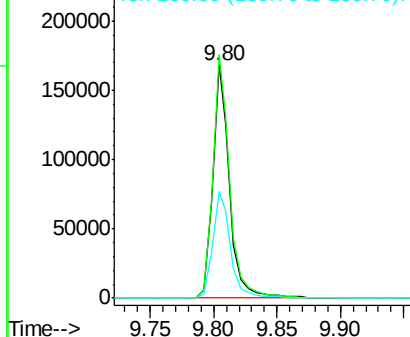


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	86.1	129.1	
160	45.6	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





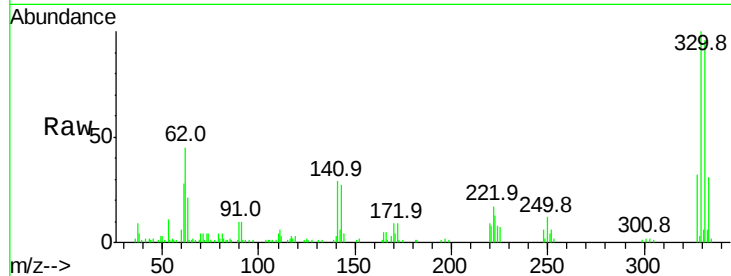
#41
 2,4,6-Tribromophenol
 Concen: 45.598 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101884.D
 Acq: 4 Jan 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

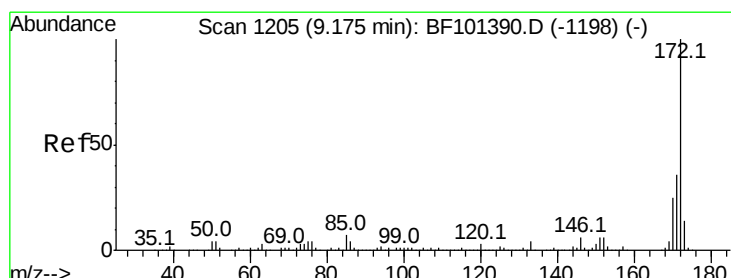
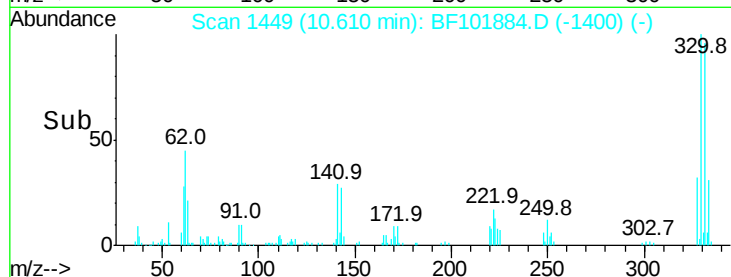
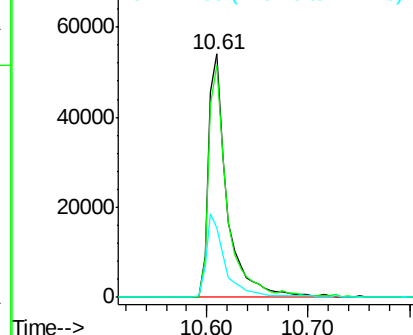
Tot Ion	Ratio	Resp	Lower	Upper
330	100	68705		
332	95.9	77.0	115.6	
141	34.2	29.9	44.9	

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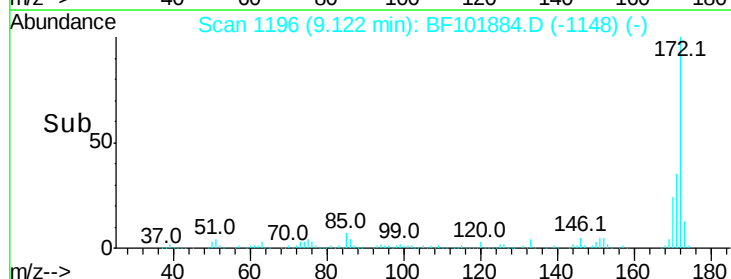
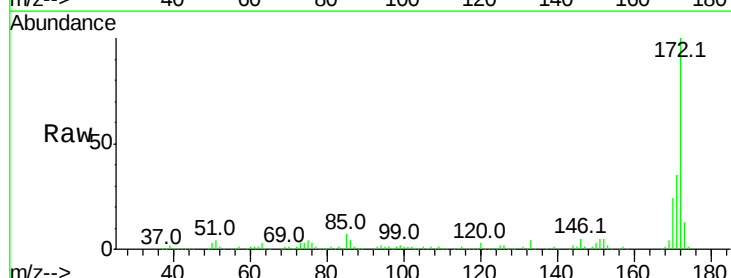
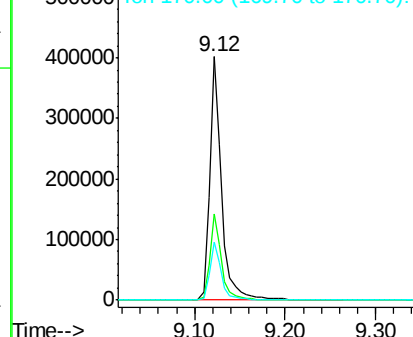
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

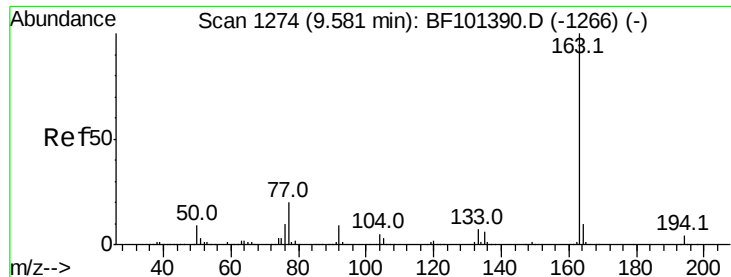


#44
 2-Fluorobiphenyl
 Concen: 36.688 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101884.D
 Acq: 4 Jan 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	369829		
171	35.2	29.7	44.5	
170	24.1	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





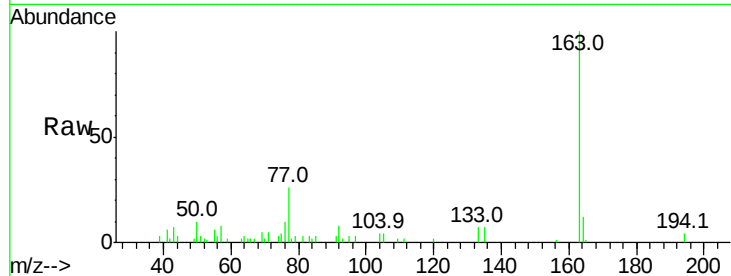
#49
 Dimethylphthalate
 Concen: 2.218 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF101884.D
 Acq: 4 Jan 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

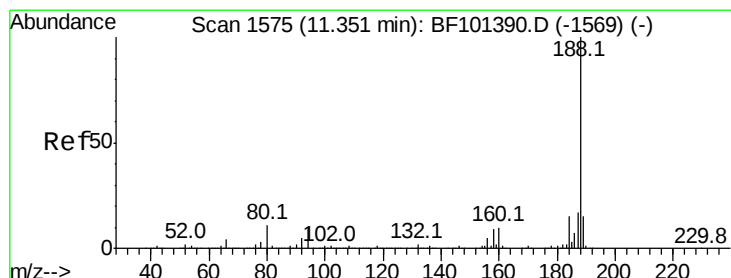
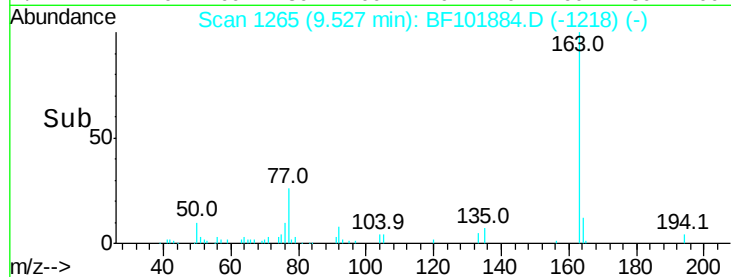
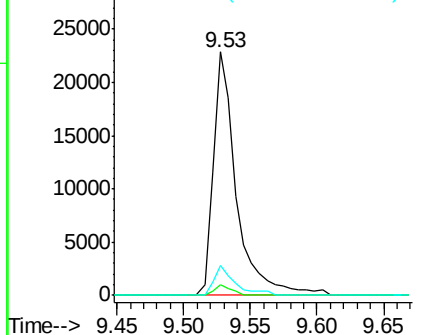
Tot Ion:	163	Resp:	27902
Ion Ratio	Lower	Upper	
163	100		
194	4.4	2.7	4.1#
164	12.3	8.2	12.2#

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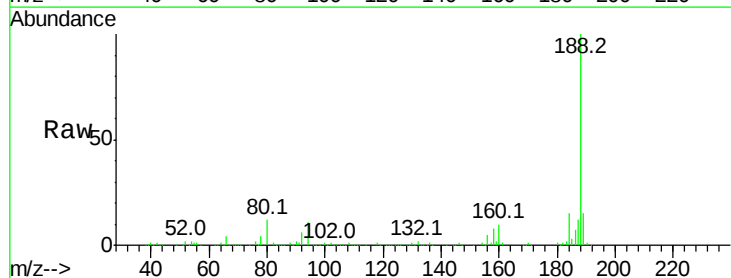


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

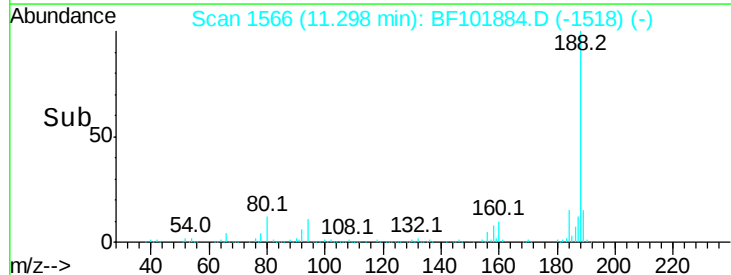
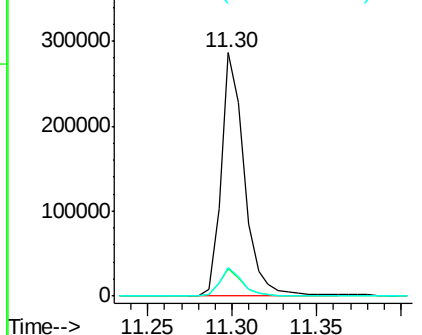


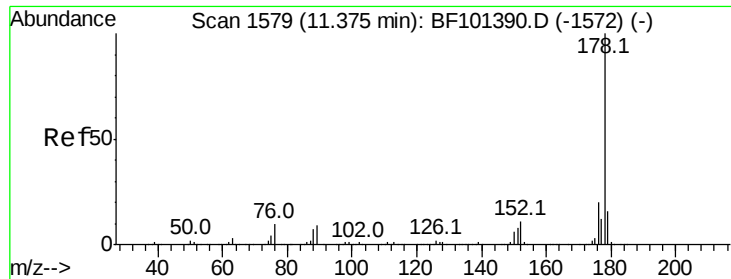
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF101884.D
 Acq: 4 Jan 2018 3:59

Tgt Ion:	188	Resp:	273686
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	12.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





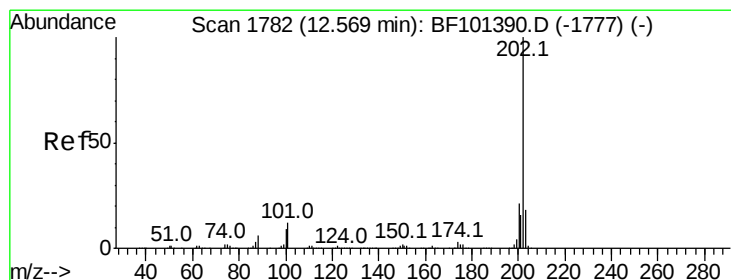
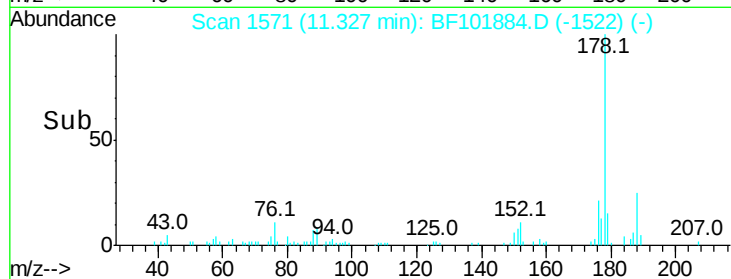
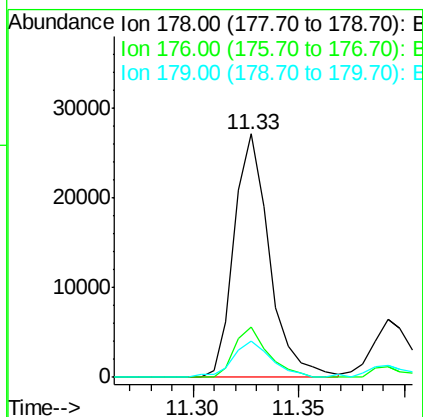
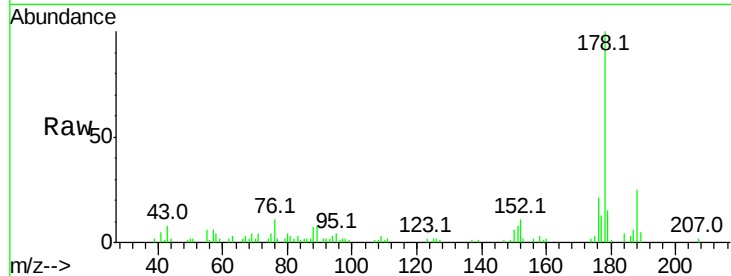
#70
Phenanthrene
Concen: 2.072 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	15.0	13.0	19.6

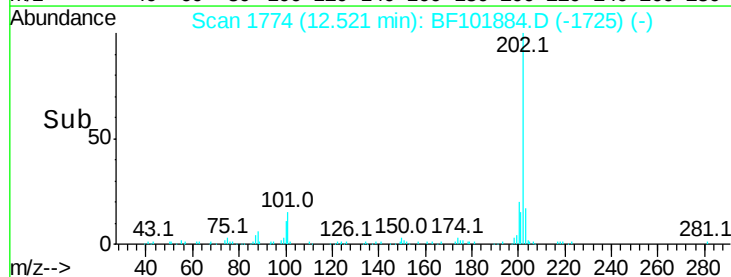
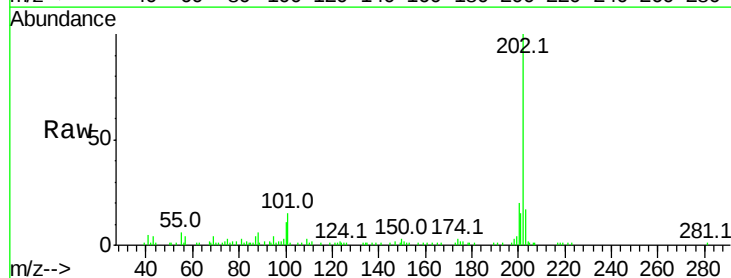
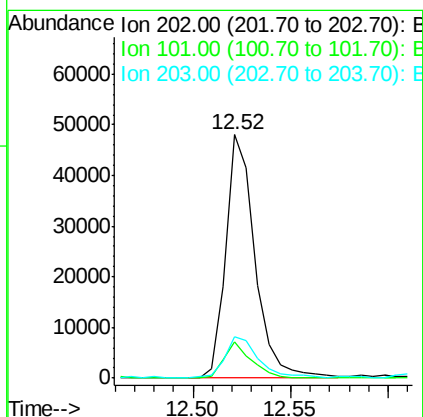
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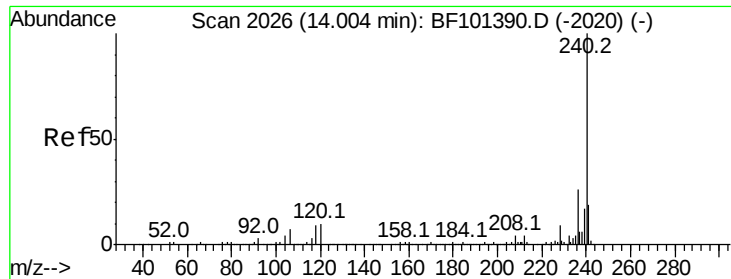
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#74
Fluoranthene
Concen: 3.135 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.0	0.0	38.1





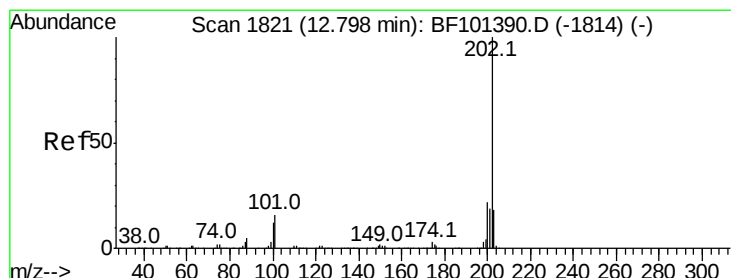
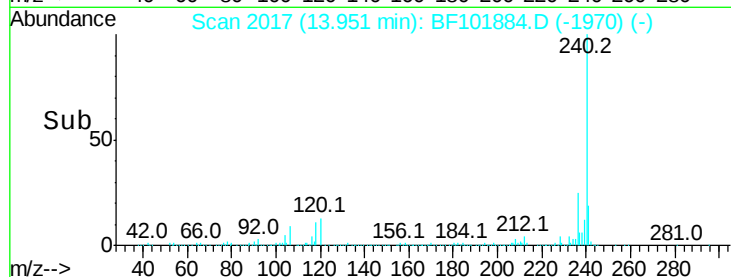
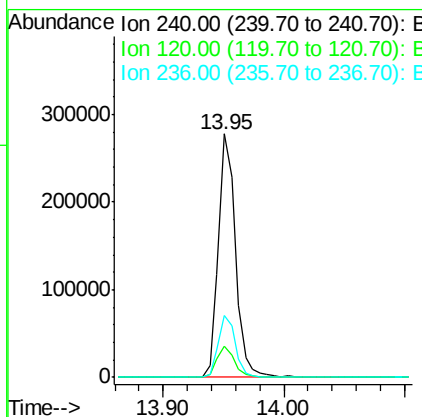
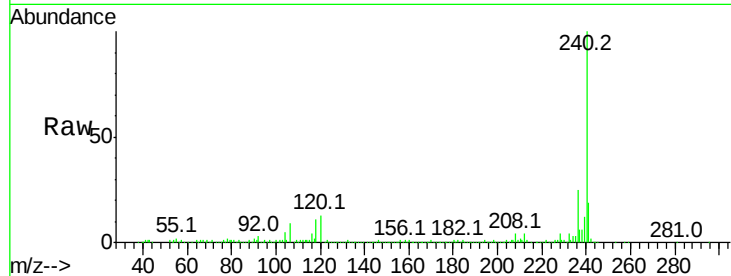
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.2	20.7	31.1

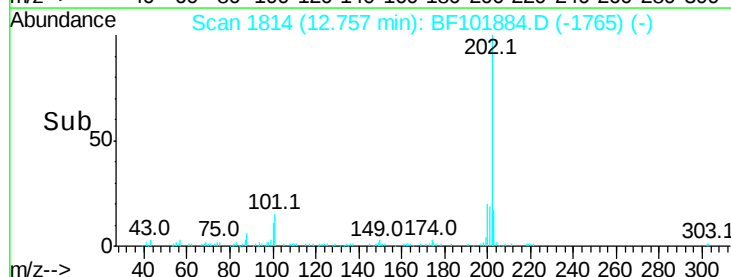
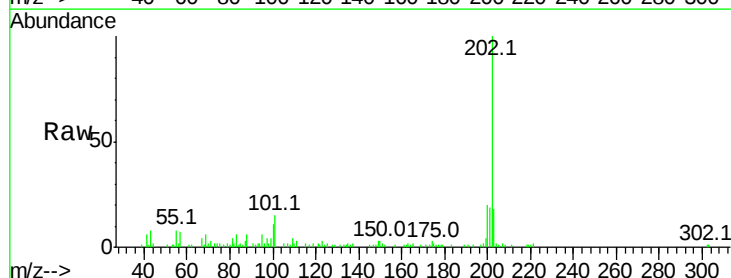
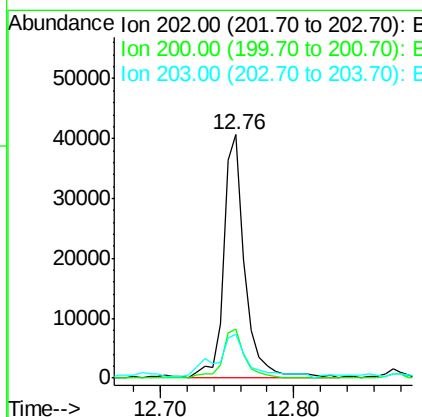
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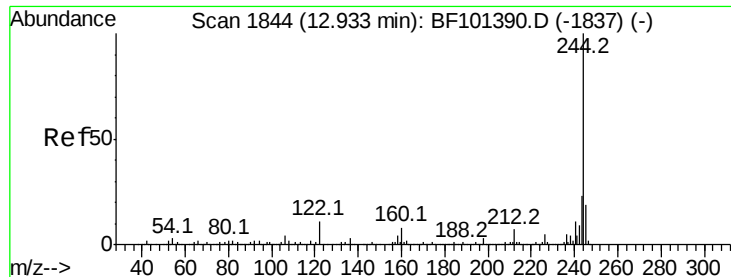
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#77
Pyrene
Concen: 2.247 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF101884.D
Acq: 4 Jan 2018 3:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.2	14.3	21.5





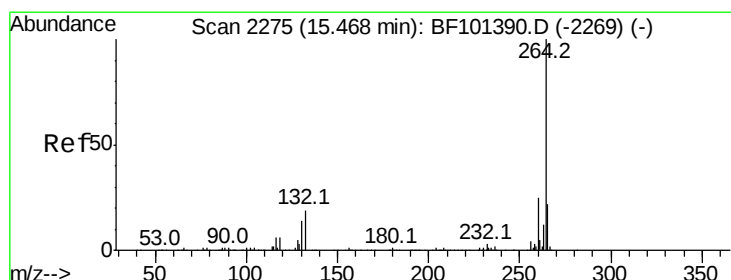
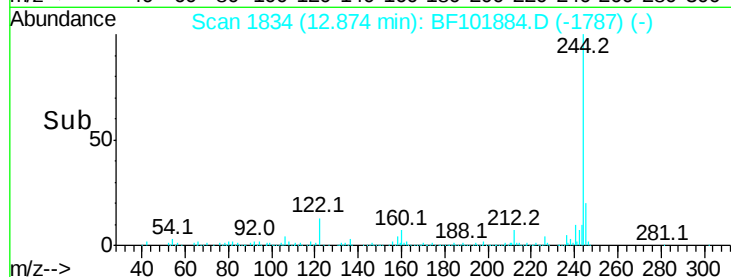
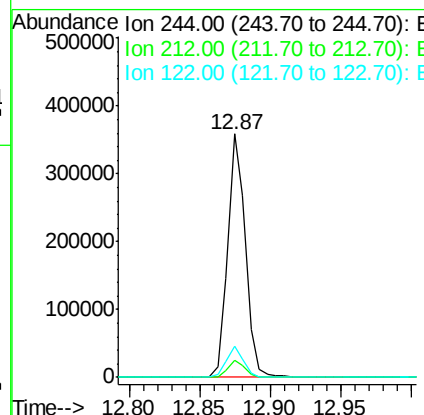
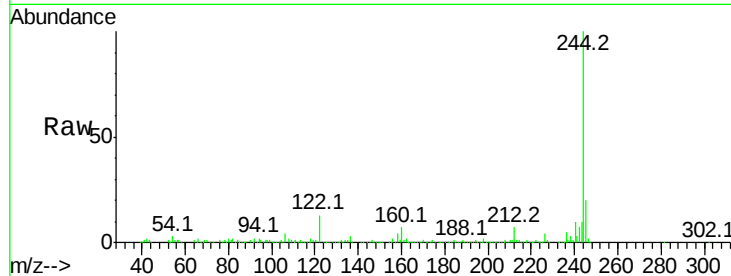
#78
 Terphenyl-d14
 Concen: 27.798 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF101884.D
 Acq: 4 Jan 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.9	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:57:01 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF101884.D
 Acq: 4 Jan 2018 3:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3

