

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102047.D
 Acq On : 12 Jan 2018 17:12
 Operator : SJ/JU
 Sample : J1011-14 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011118-C

Manual Integrations
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Sohil
 1/15/2018 4:22:58 PM

Quant Time: Jan 13 00:43:16 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196280	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	690657	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	293836	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	422773	20.00	ng	0.00
75) Chrysene-d12	13.87	240	345764	20.00	ng	0.00
86) Perylene-d12	15.30	264	324121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	335003	24.10	ng	0.00
7) Phenol-d6	6.35	99	375046	22.61	ng	-0.01
23) Nitrobenzene-d5	7.29	82	222884	18.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	55107	21.49	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	361852	19.24	ng	0.00
78) Terphenyl-d14	12.83	244	240157	14.42	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.26	178	295904	11.982	ng	99
74) Fluoranthene	12.45	202	349597	14.388	ng	100
77) Pyrene	12.68	202	309022	10.111	ng	98
80) Benzo(a)anthracene	13.86	228	128965	5.846	ng	97
82) Chrysene	13.90	228	136105	5.917	ng	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	49199	2.939	ng	99
87) Benzo(b)fluoranthene	14.89	252	156065m	7.385	ng	
88) Benzo(k)fluoranthene	14.92	252	49572m	2.432	ng	
89) Benzo(a)pyrene	15.24	252	94130	4.950	ng	# 88
91) Benzo(g,h,i)perylene	17.09	276	43865	2.869	ng	# 82

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

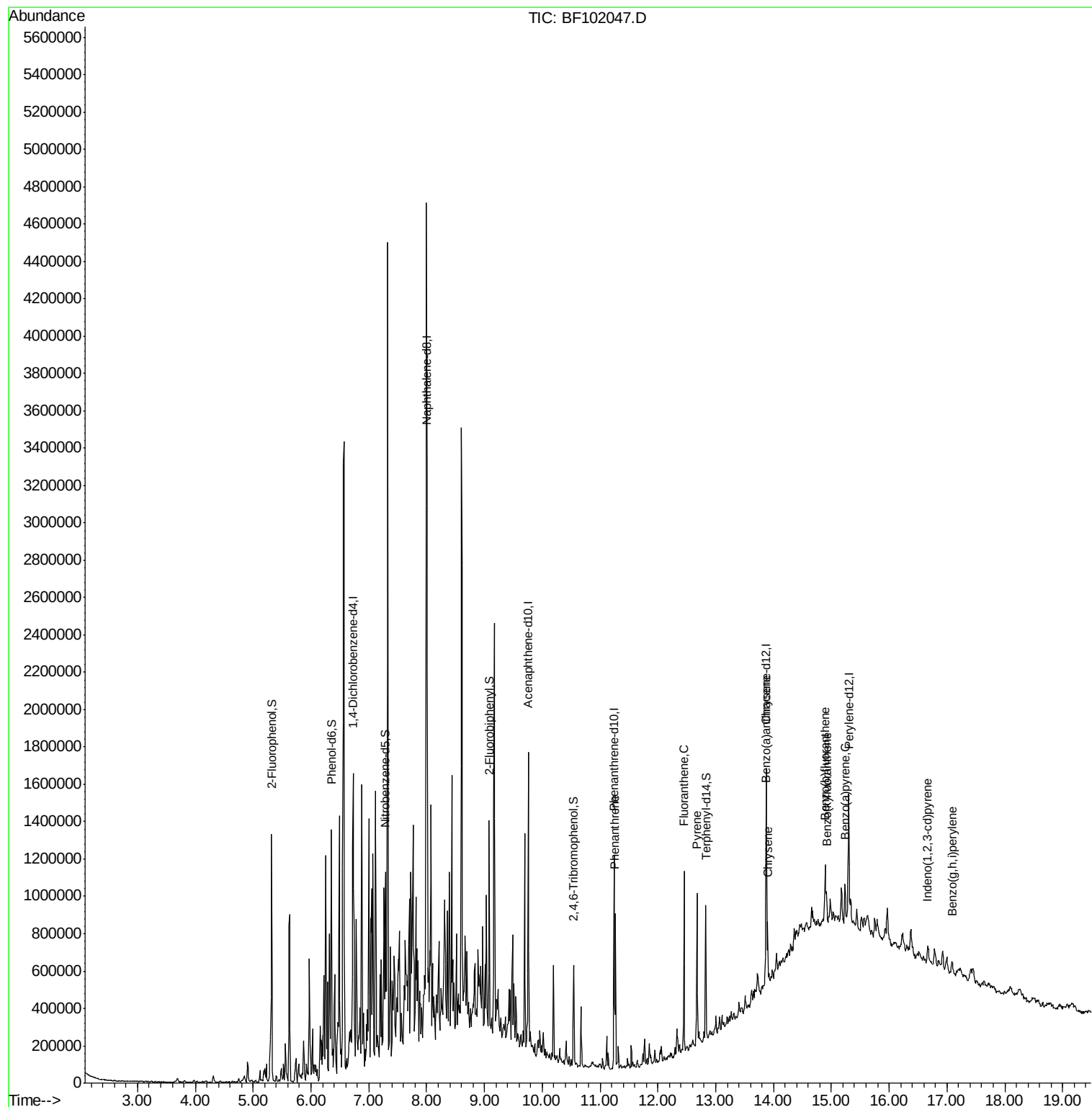
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Data File : BF102047.D
Acq On : 12 Jan 2018 17:12
Operator : SJ/JU
Sample : J1011-14 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

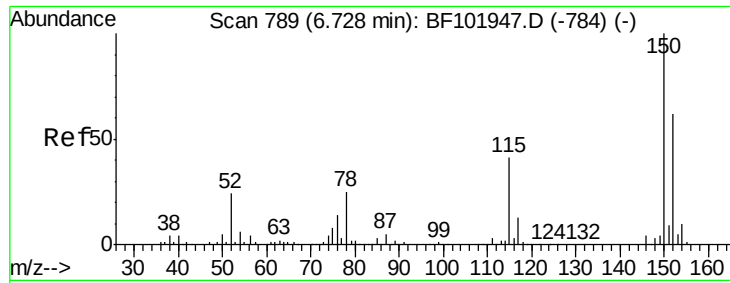
Instrument :
BNA_F
ClientSampleId :
HR-05-011118-C

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Quant Time: Jan 13 00:43:16 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration





#1

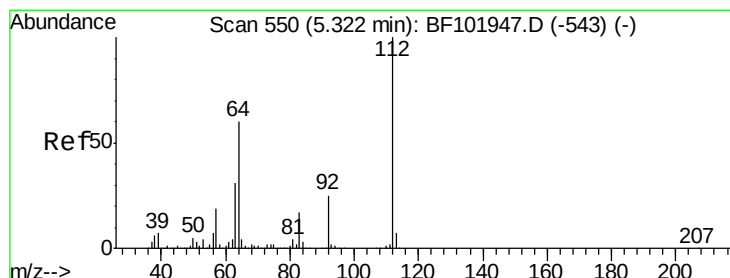
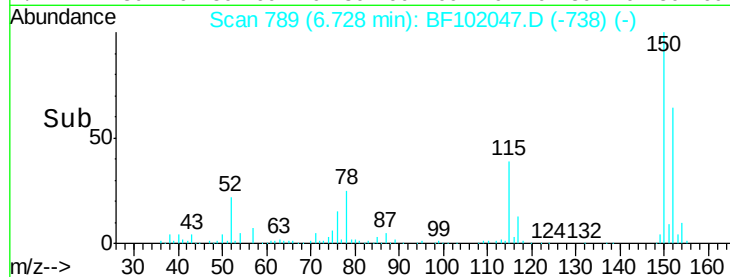
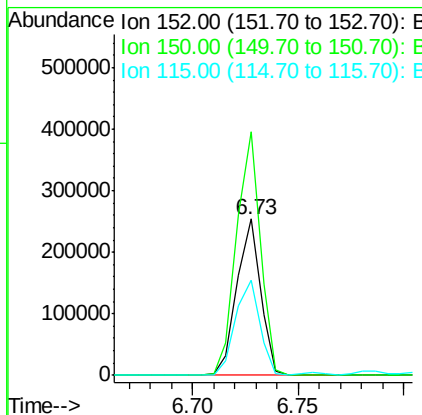
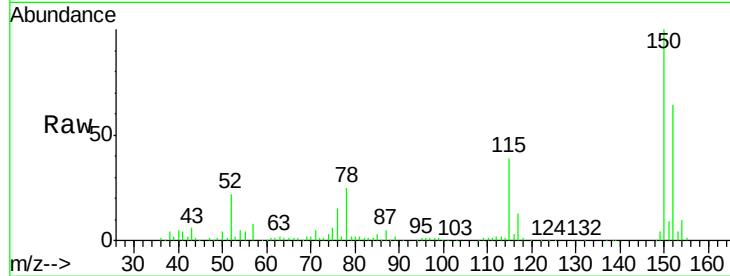
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
HR-05-011118-C

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	196280		
150	155.9	124.6	186.8	
115	61.0	50.1	75.1	

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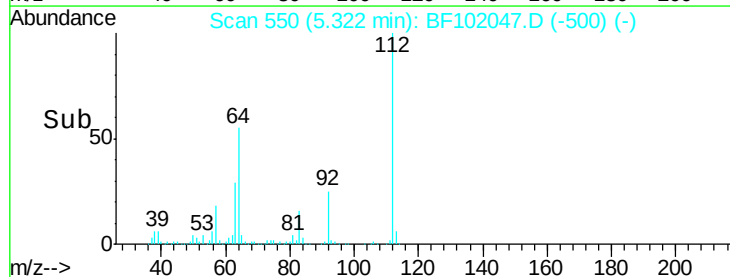
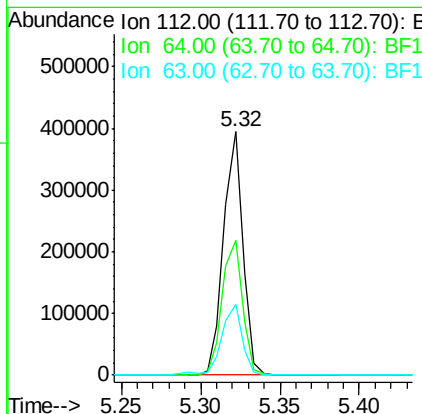
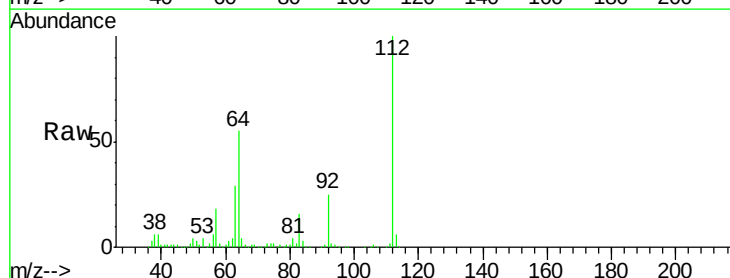
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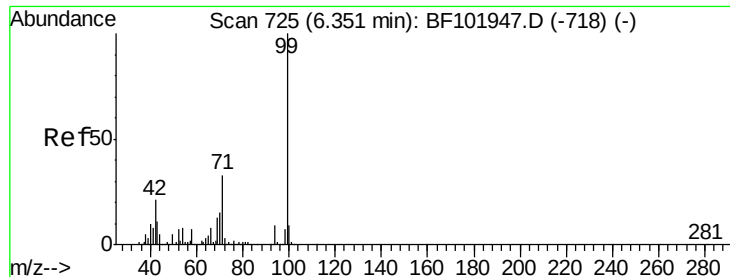


#5

2-Fluorophenol
Concen: 24.101 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	335003		
64	55.5	47.9	71.9	
63	29.3	23.7	35.5	





#7

Phenol-d6

Concen: 22.615 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102047.D

Acq: 12 Jan 2018 17:12

Instrument :

BNA_F

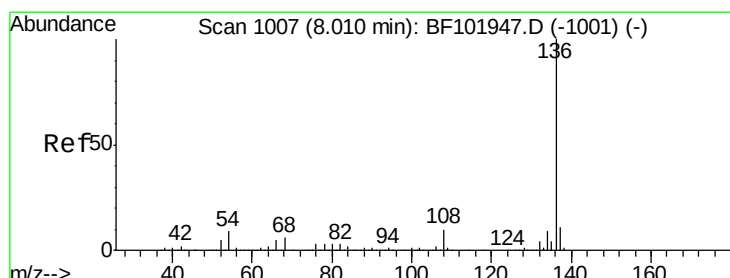
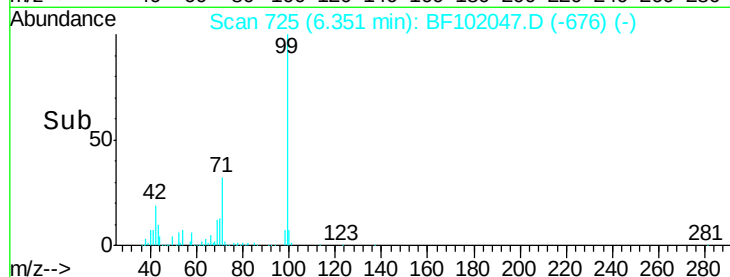
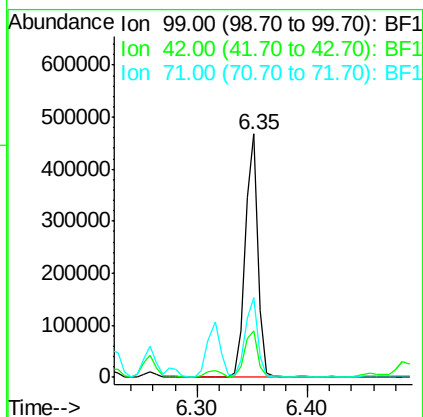
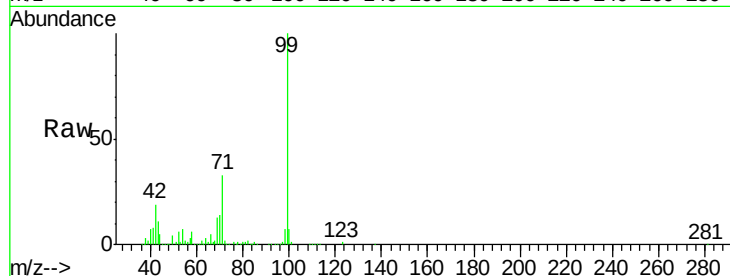
ClientSampleId :

HR-05-011118-C

Tgt Ion:	99	Resp:	375046
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	32.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

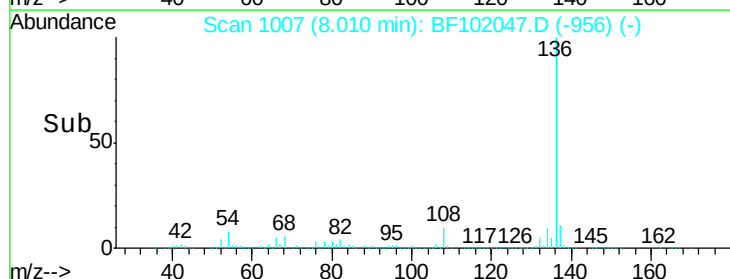
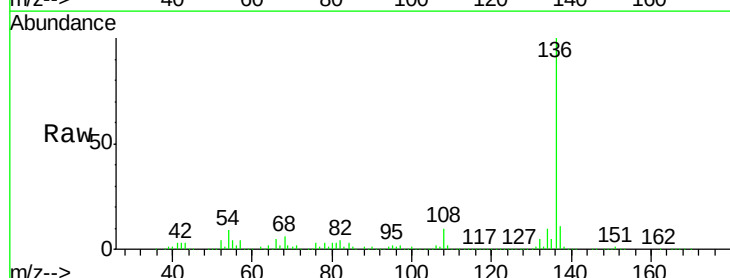
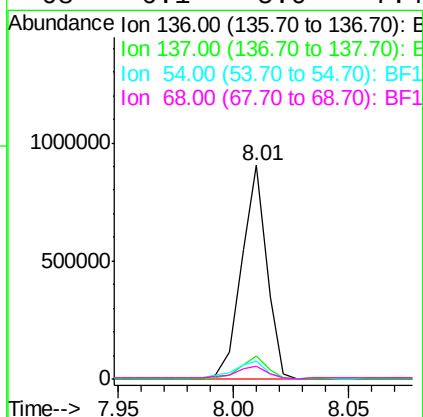
RT: 8.01 min Scan# 1007

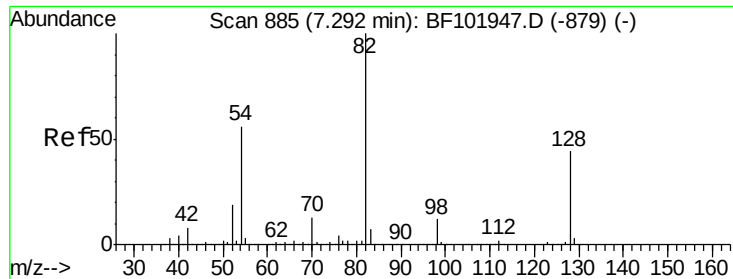
Delta R.T. -0.00 min

Lab File: BF102047.D

Acq: 12 Jan 2018 17:12

Tgt Ion:	136	Resp:	690657
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	6.1	5.0	7.4





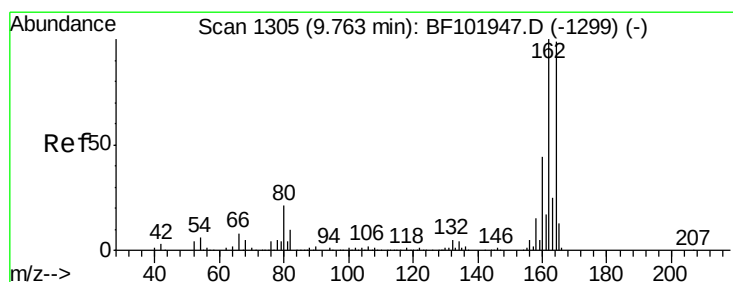
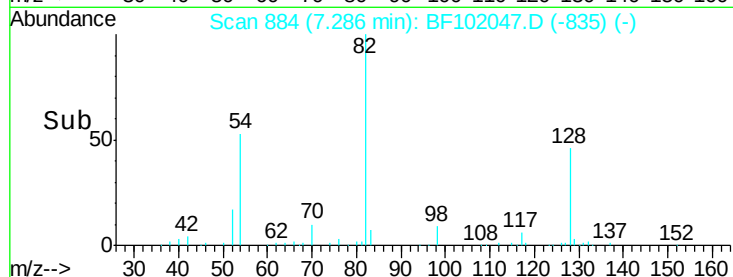
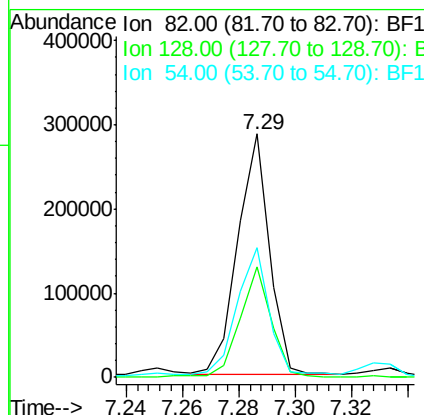
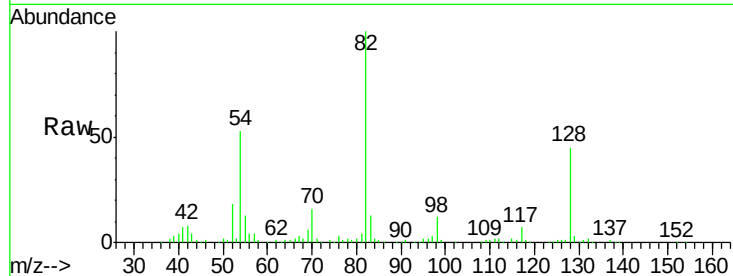
#23
 Nitrobenzene-d5
 Concen: 18.964 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102047.D
 Acq: 12 Jan 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011118-C

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	222884		
128	45.3	36.1	54.1	
54	53.1	41.4	62.2	

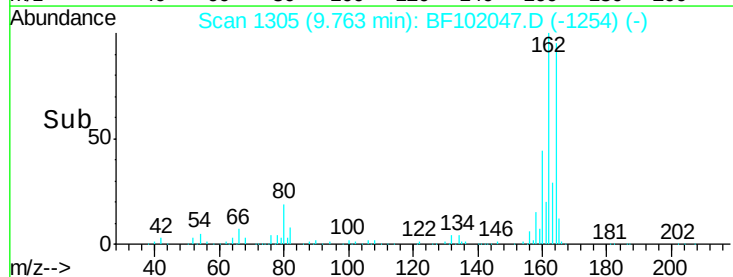
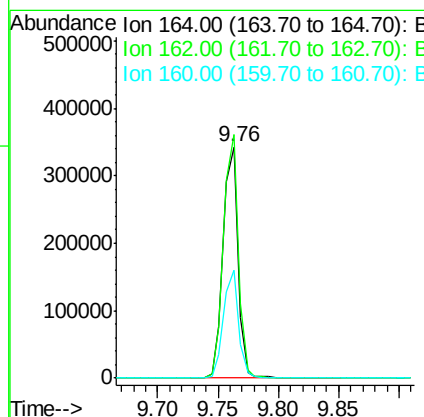
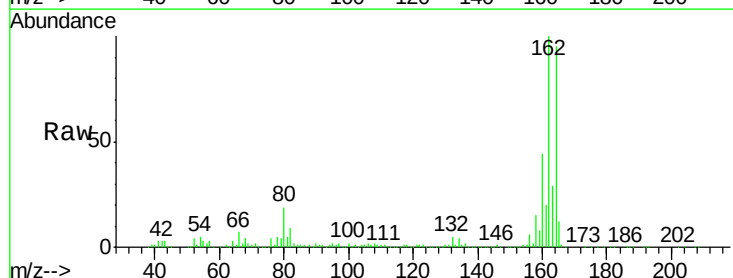
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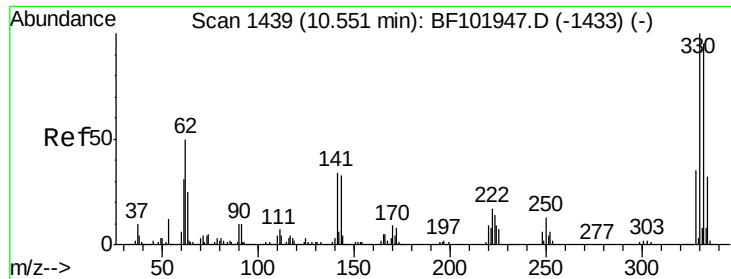
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF102047.D
 Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	293836		
162	105.3	86.1	129.1	
160	46.7	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 21.490 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102047.D

Acq: 12 Jan 2018 17:12

Instrument :

BNA_F

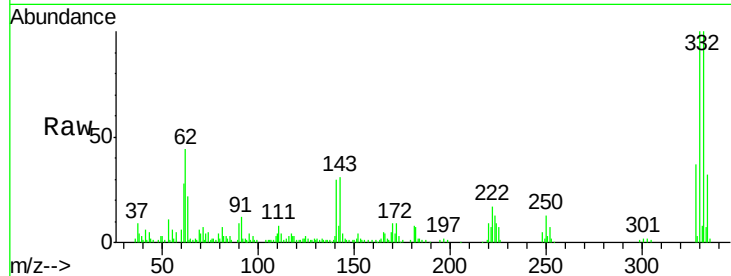
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HR-05-011118-C

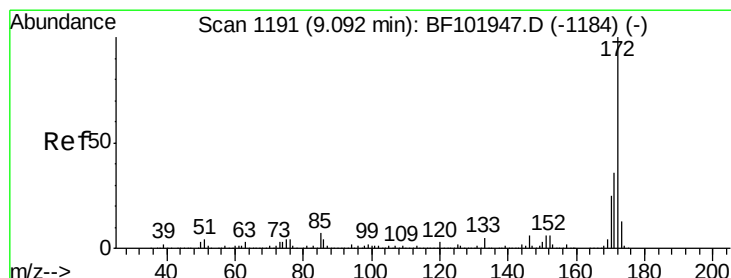
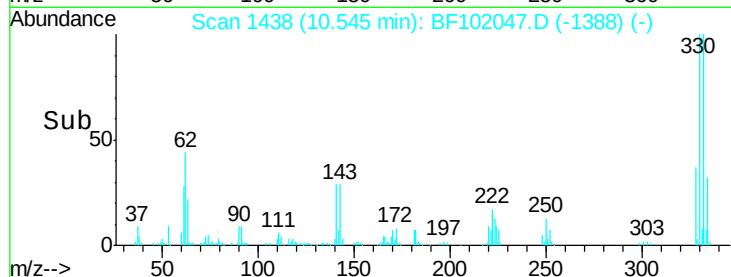
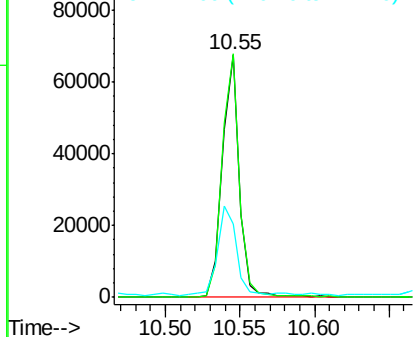
Tgt Ion:	330	Resp:	55107
Ion Ratio	Lower	Upper	
330	100		
332	100.8	77.0	115.6
141	39.2	29.9	44.9

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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: 19.239 ng

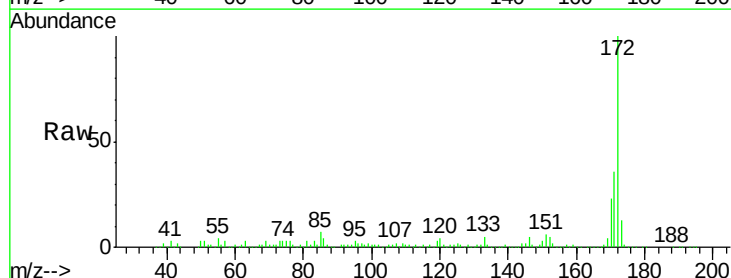
RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

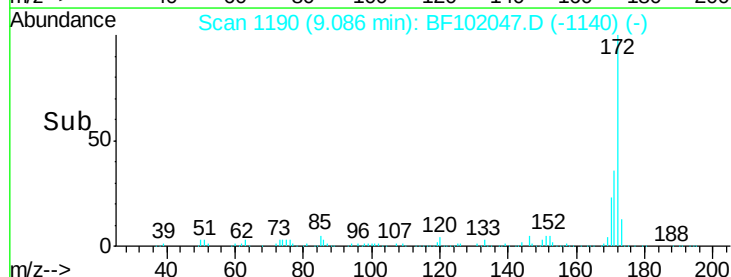
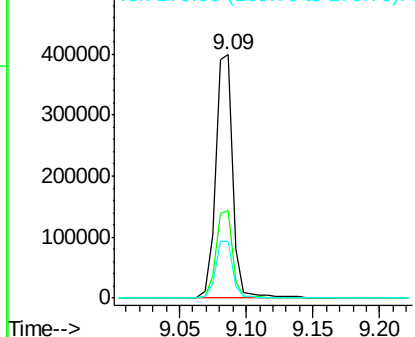
Lab File: BF102047.D

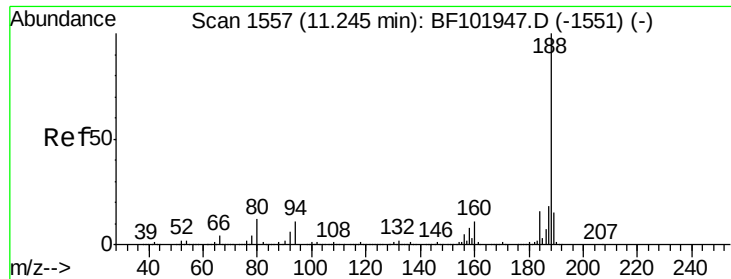
Acq: 12 Jan 2018 17:12

Tgt Ion:	172	Resp:	361852
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	23.3	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





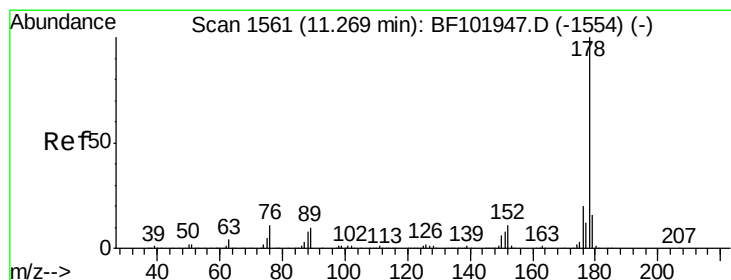
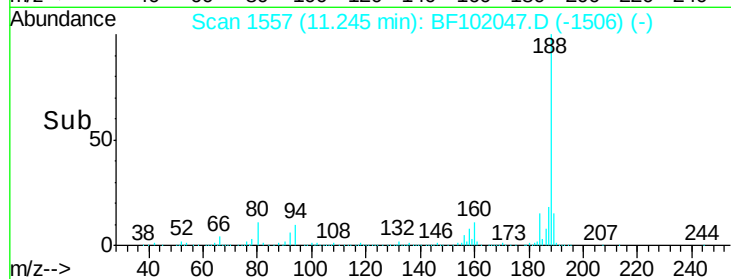
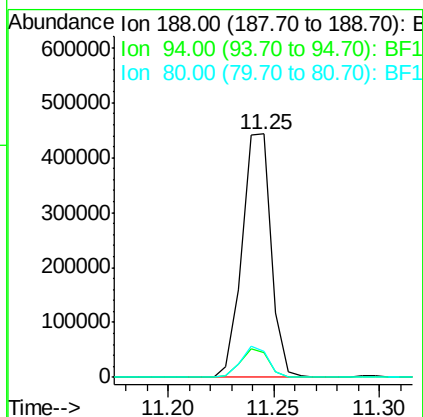
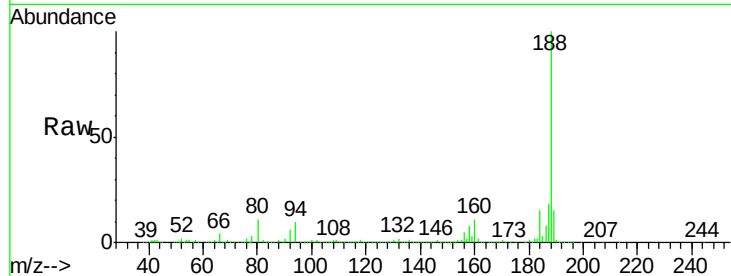
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
HR-05-011118-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8

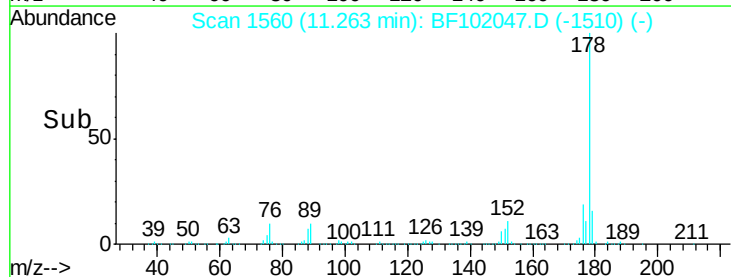
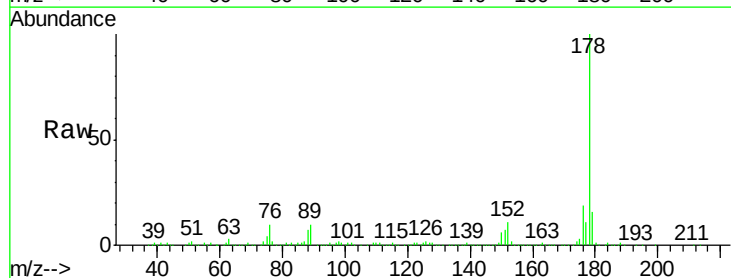
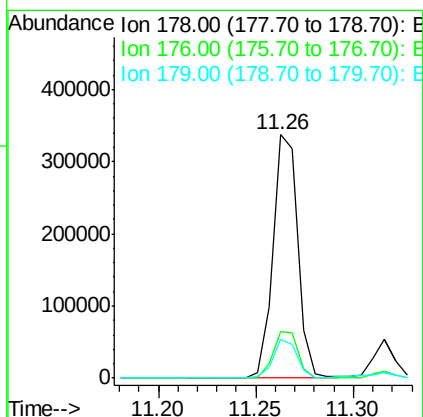
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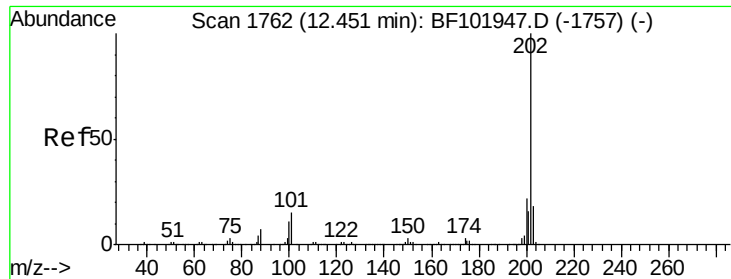
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#70
Phenanthrene
Concen: 11.982 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.2	15.8	23.8
179	15.9	13.0	19.6





#74

Fluoranthene

Concen: 14.388 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF102047.D

Acq: 12 Jan 2018 17:12

Instrument :

BNA_F

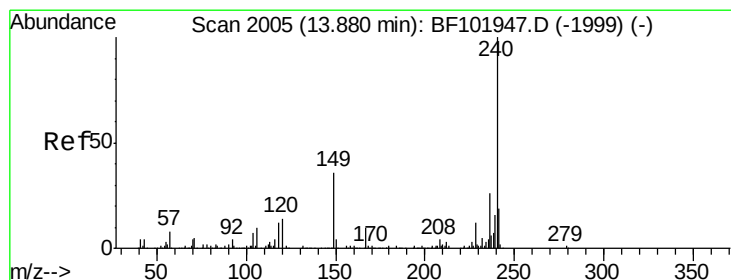
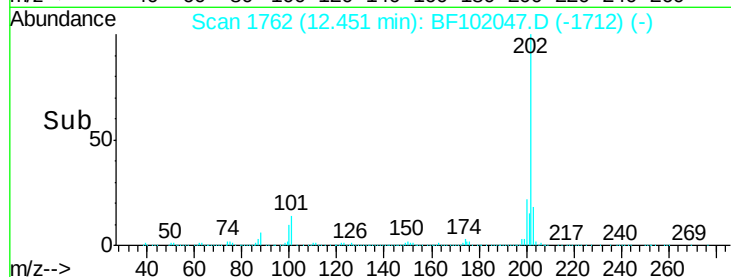
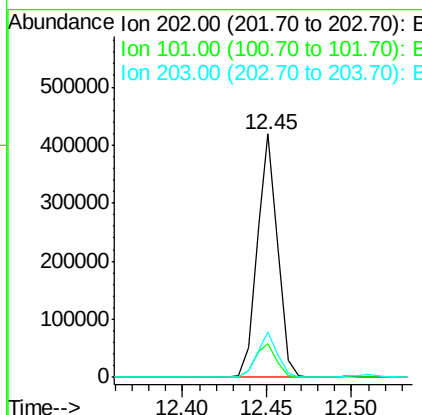
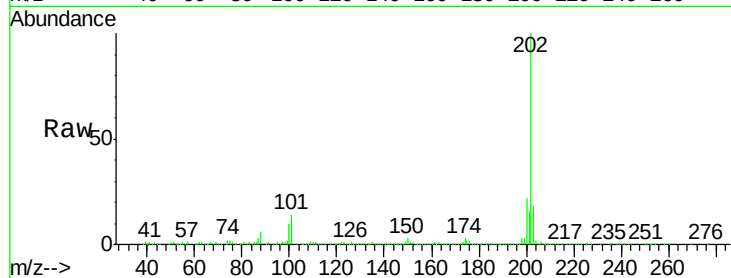
ClientSampleId :

HR-05-011118-C

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		349597		
101	14.1	0.0	34.1		
203	18.5	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

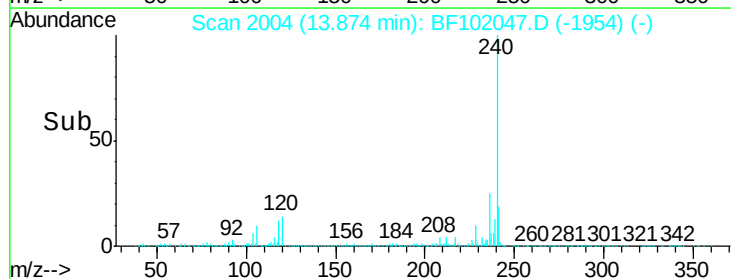
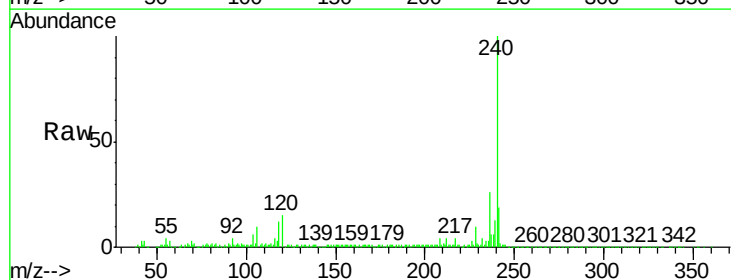
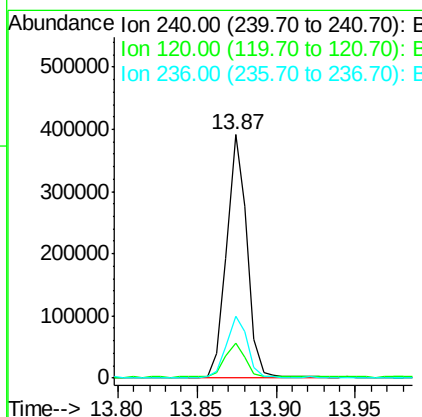
RT: 13.87 min Scan# 2004

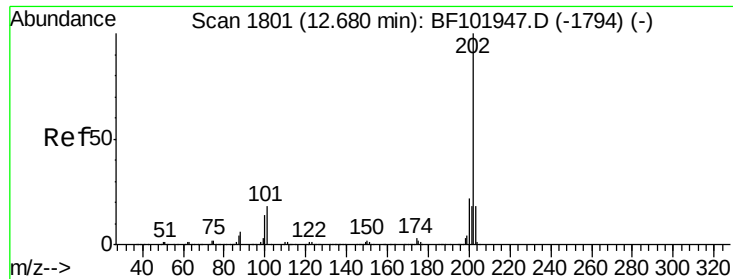
Delta R.T. -0.01 min

Lab File: BF102047.D

Acq: 12 Jan 2018 17:12

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		345764		
120	14.5	9.5	14.3#		
236	25.6	20.7	31.1		





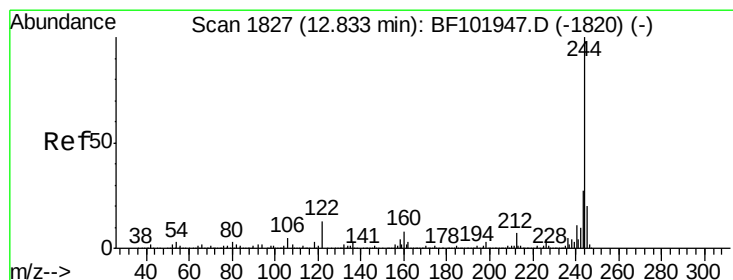
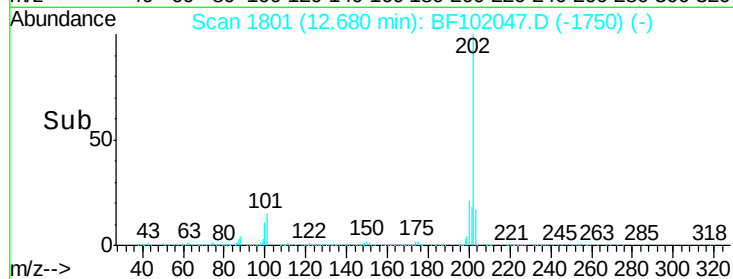
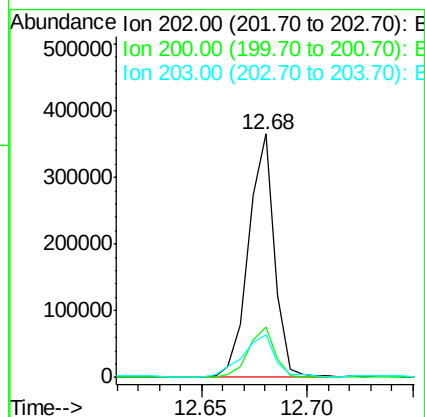
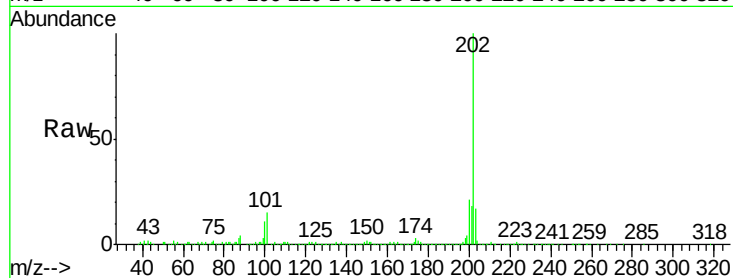
#77
 Pyrene
 Concen: 10.111 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BF102047.D
 Acq: 12 Jan 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011118-C

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	309022		
200	20.9	17.4	26.2	
203	17.4	14.3	21.5	

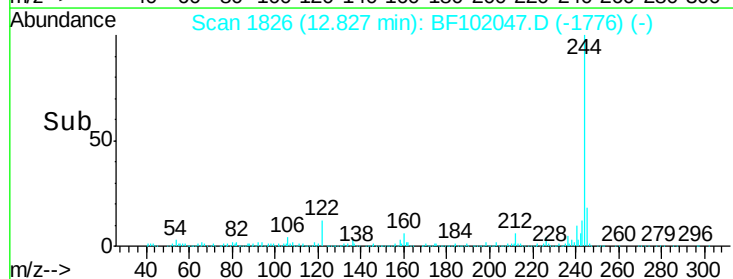
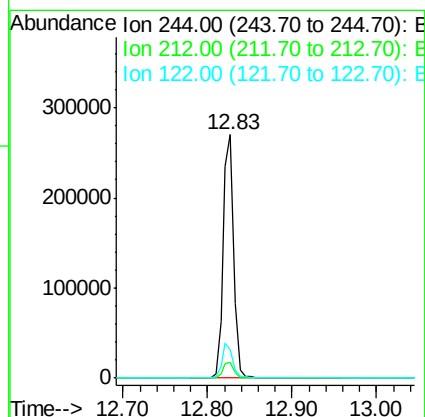
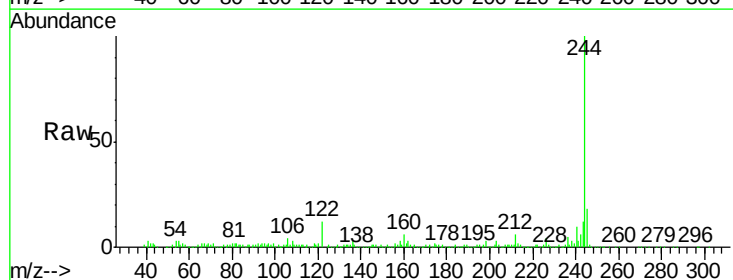
Manual Integrations
 APPROVED

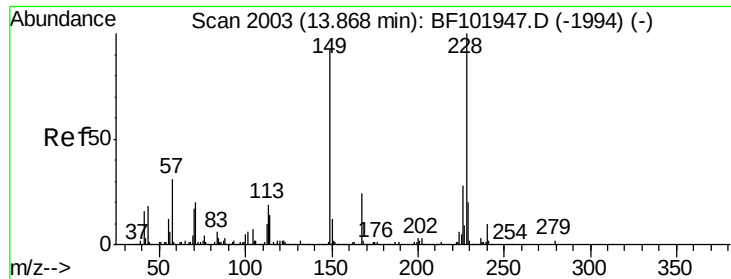
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#78
 Terphenyl-d14
 Concen: 14.421 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF102047.D
 Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	240157		
212	6.4	5.4	8.0	
122	11.9	11.0	16.4	





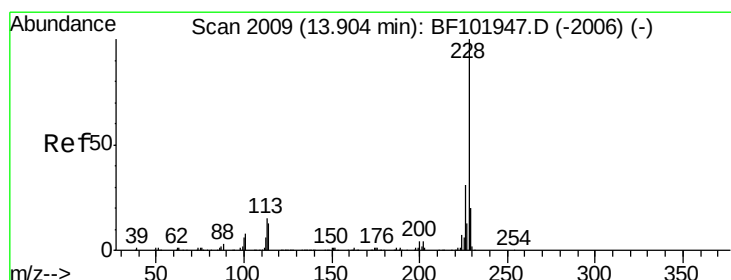
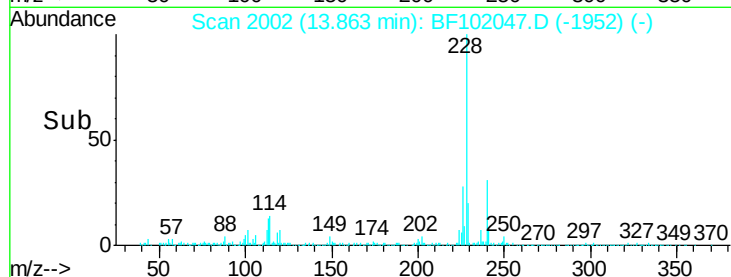
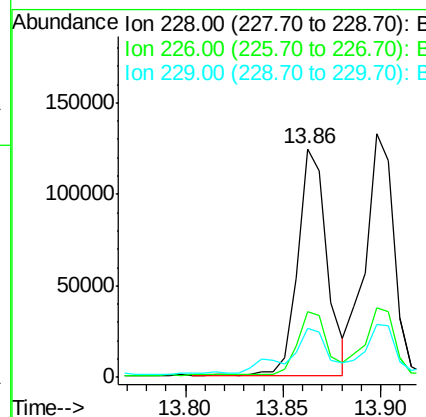
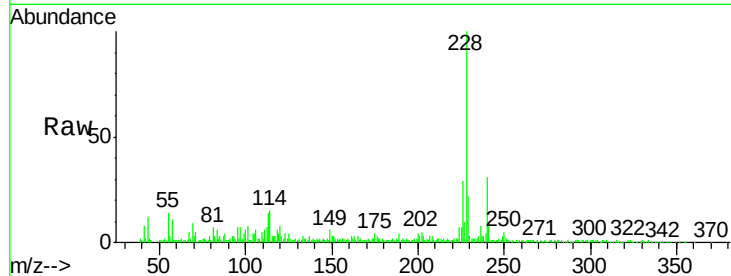
#80
Benzo(a)anthracene
Concen: 5.846 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
HR-05-011118-C

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.6	15.8	23.6

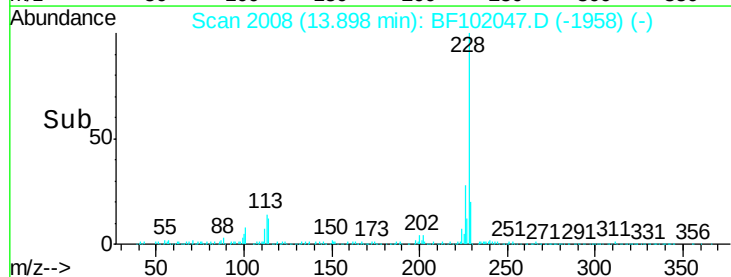
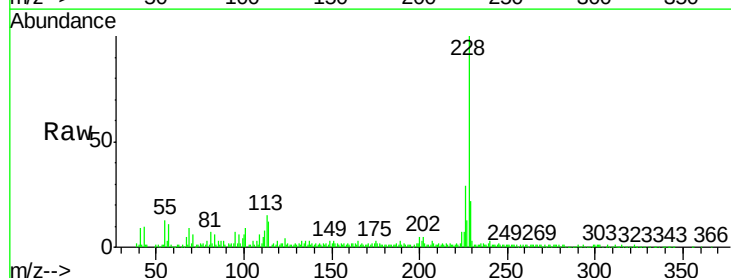
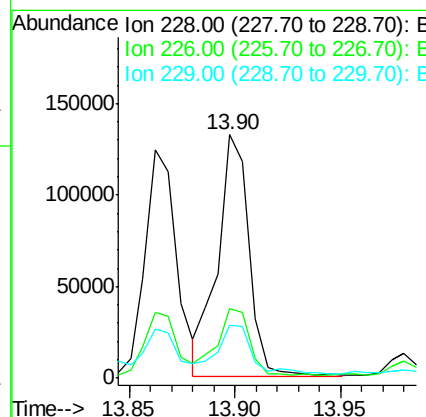
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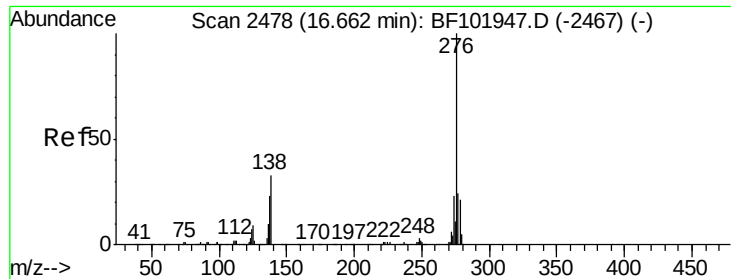
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#82
Chrysene
Concen: 5.917 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	21.5	16.2	24.4





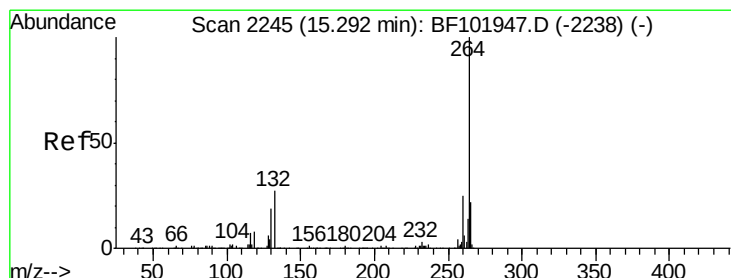
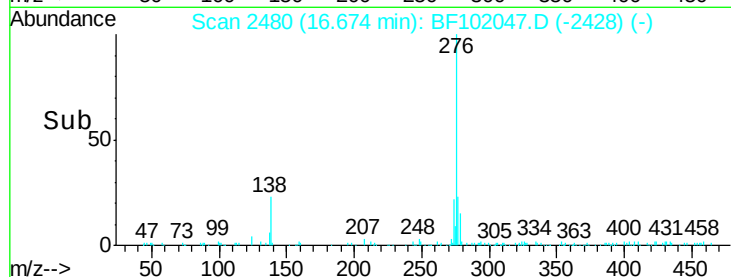
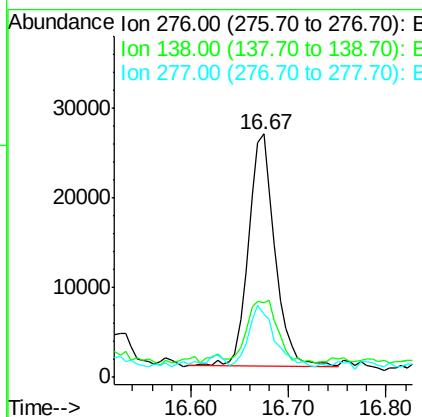
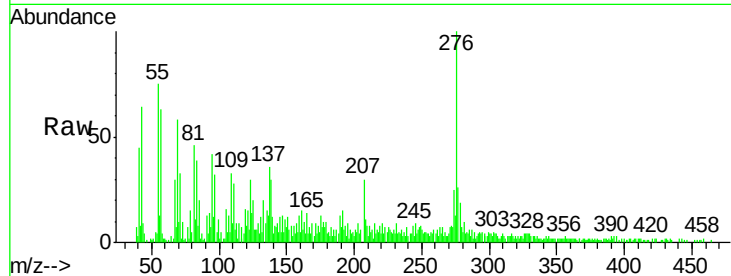
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.939 ng
RT: 16.67 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
HR-05-011118-C

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.0	37.6
277	25.6	20.1	30.1

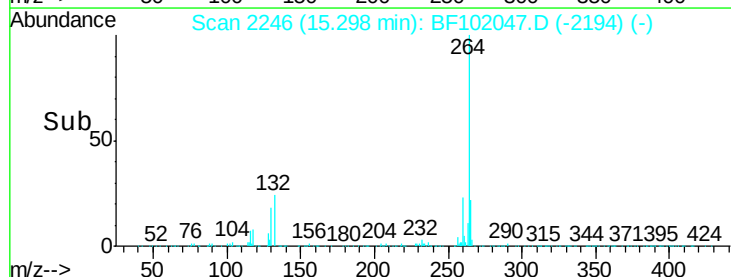
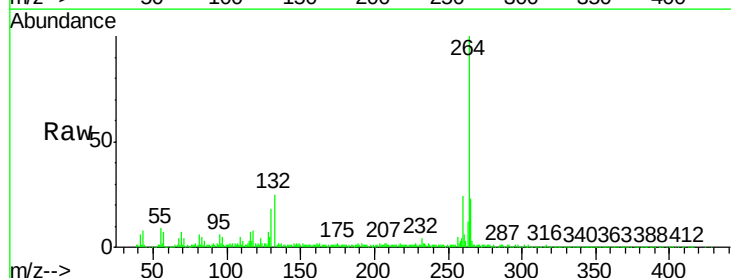
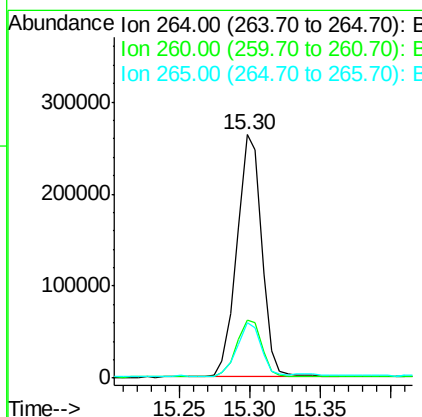
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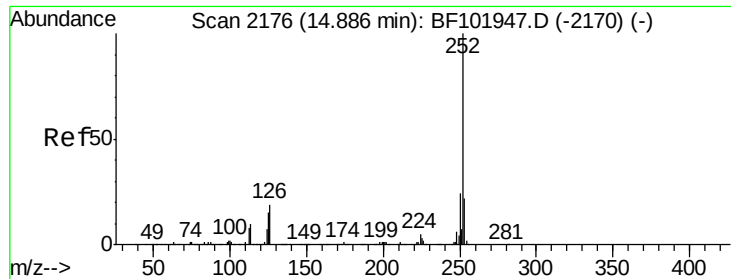
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.7	17.5	26.3





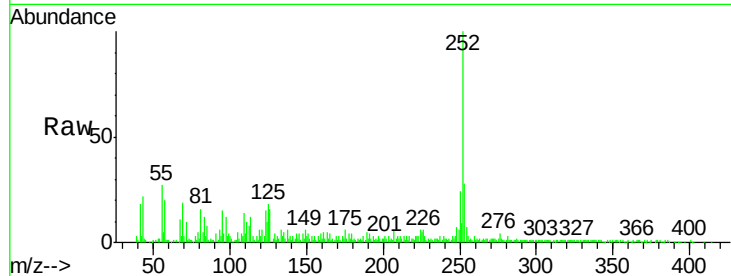
#87
Benzo(b)fluoranthene
Concen: 7.385 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
HR-05-011118-C

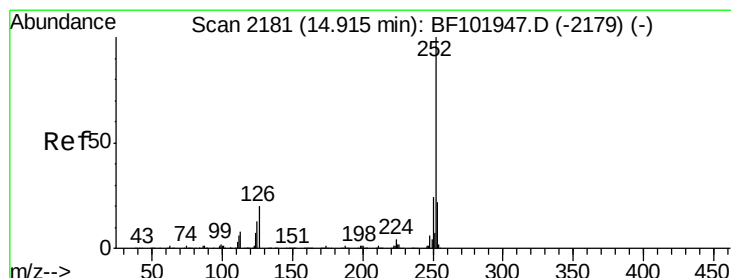
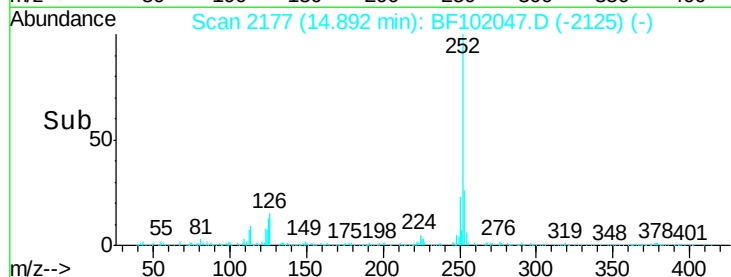
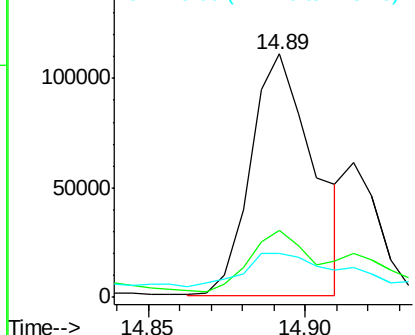
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	156065		
253	27.6	17.0	25.6#	
125	17.8	9.0	13.6#	

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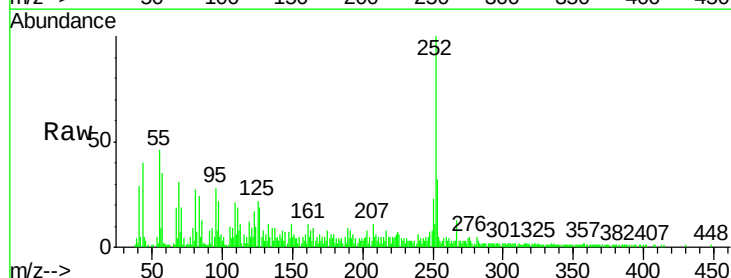


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

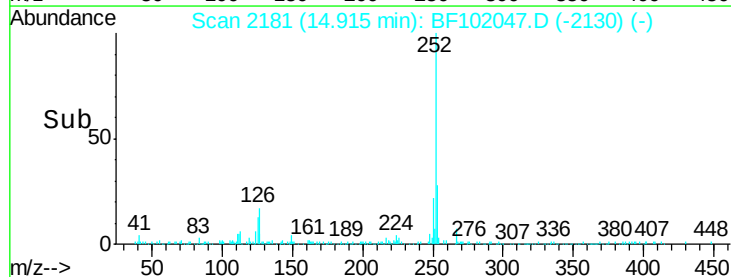
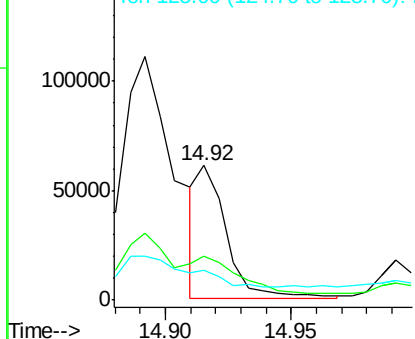


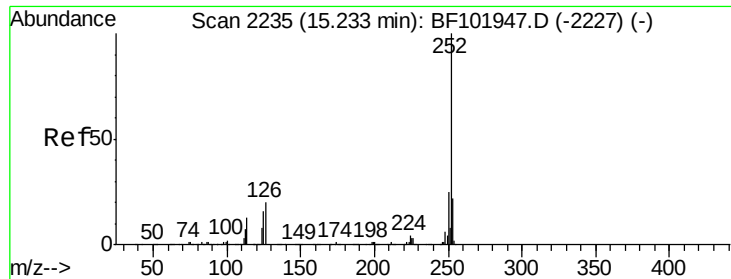
#88
Benzo(k)fluoranthene
Concen: 2.432 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	49572		
253	32.4	17.9	26.9#	
125	22.4	10.2	15.2#	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





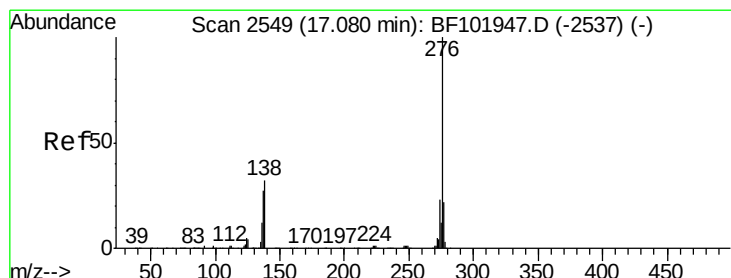
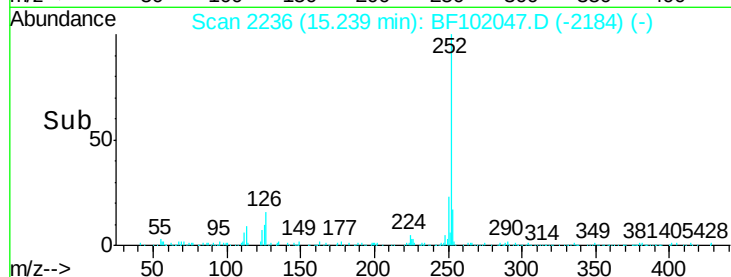
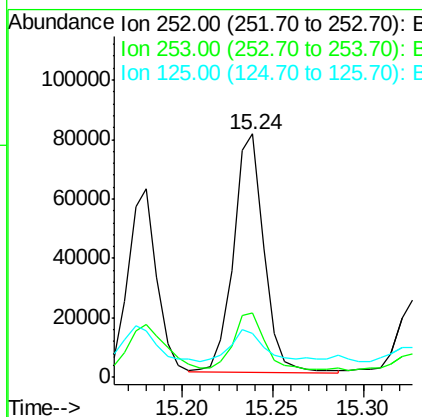
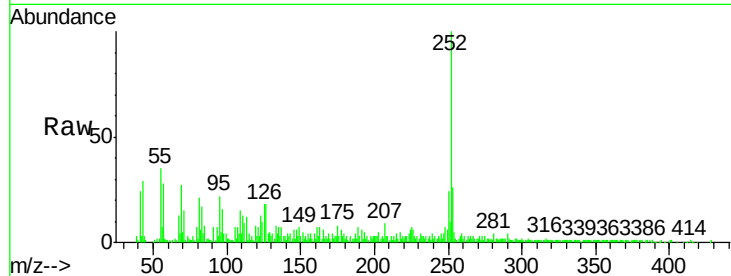
#89
Benzo(a)pyrene
Concen: 4.950 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
HR-05-011118-C

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	18.0	9.8	14.6#

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#91
Benzo(g,h,i)perylene
Concen: 2.869 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF102047.D
Acq: 12 Jan 2018 17:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	39.7	21.8	32.8#

