

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110302.D
 Acq On : 30 Oct 2018 14:54
 Operator : JU/SJ
 Sample : J5724-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Manual Integrations
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 10/31/2018 11:14:58 AM

Quant Time: Oct 31 04:48:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111233	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	465138	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	217484	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	373466	20.00	ng	0.00
76) Chrysene-d12	14.16	240	231421	20.00	ng	0.00
87) Perylene-d12	15.69	264	210896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	550773	80.63	ng	0.00
7) Phenol-d6	6.59	99	686252	78.55	ng	0.00
23) Nitrobenzene-d5	7.53	82	438581	55.93	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	158182	73.43	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	686420	49.56	ng	0.00
79) Terphenyl-d14	13.09	244	461089	41.44	ng	0.00
Target Compounds						
10) Phenol	6.60	94	51266	5.489	ng	Qvalue # 61
50) Dimethylphthalate	9.72	163	81786	5.094	ng	99
71) Phenanthrene	11.53	178	115125	5.891	ng	99
75) Fluoranthene	12.72	202	167134	8.427	ng	99
78) Pyrene	12.96	202	146342	8.821	ng	99
81) Benzo(a)anthracene	14.14	228	58434	4.258	ng	97
83) Chrysene	14.18	228	59329	4.552	ng	97
86) Indeno(1,2,3-cd)pyrene	17.26	276	25296	2.339	ng	# 91
88) Benzo(b)fluoranthene	15.23	252	70717m	5.807	ng	
90) Benzo(a)pyrene	15.62	252	45017	4.017	ng	97
92) Benzo(g,h,i)perylene	17.74	276	24023	2.521	ng	# 89

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

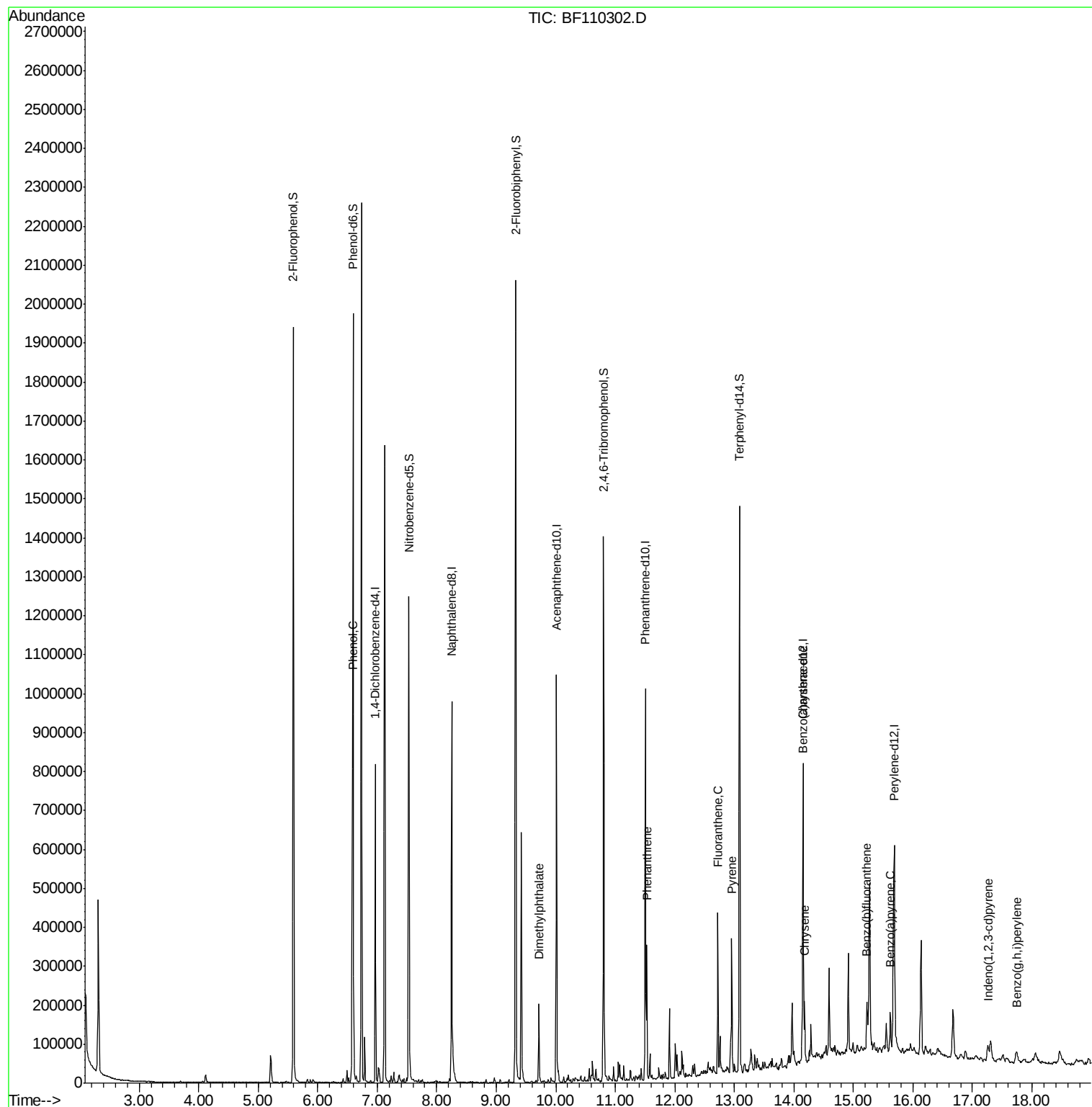
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
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#1

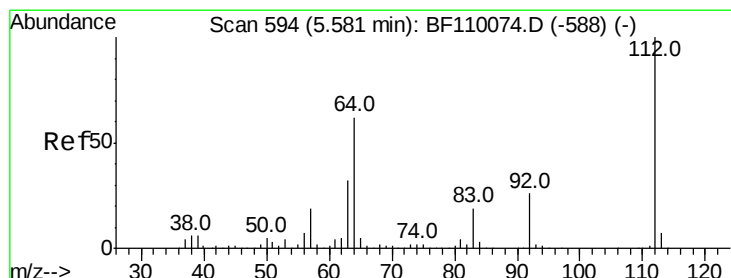
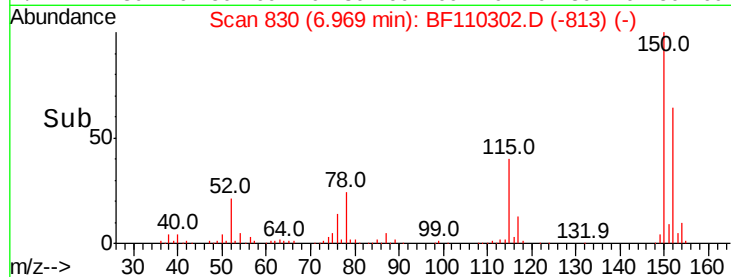
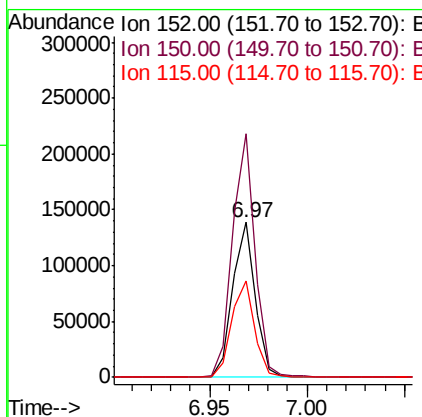
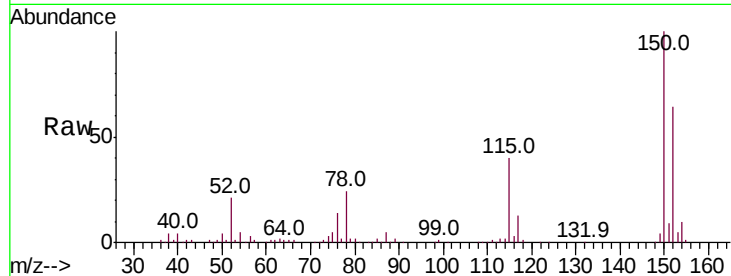
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	62.2	49.1	73.7

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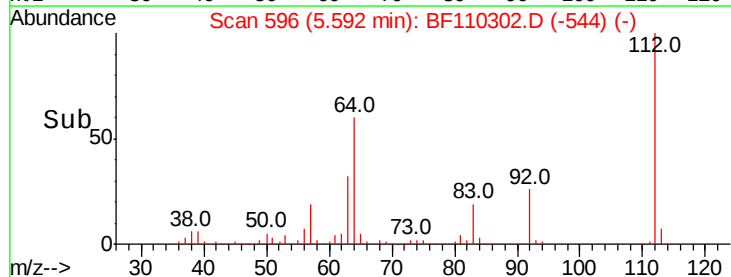
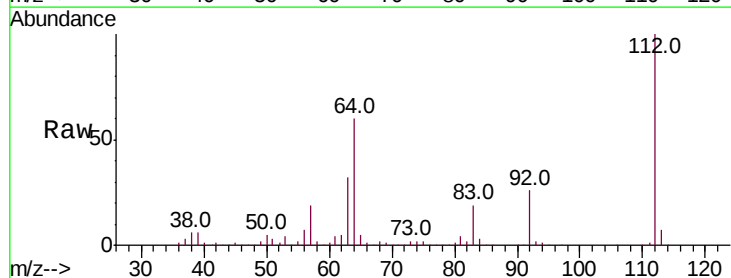
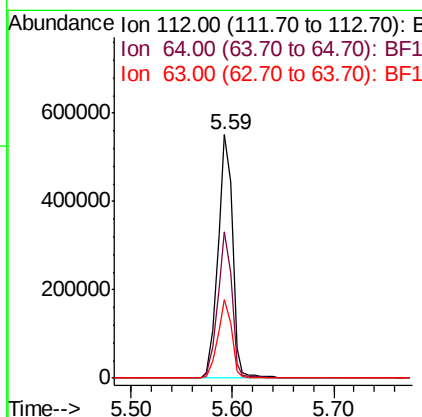
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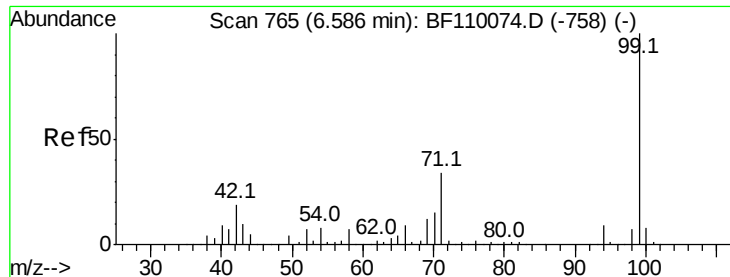


#5

2-Fluorophenol
Concen: 80.633 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.2	23.7	35.5





#7

Phenol-d6

Concen: 78.547 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Instrument :

BNA_F

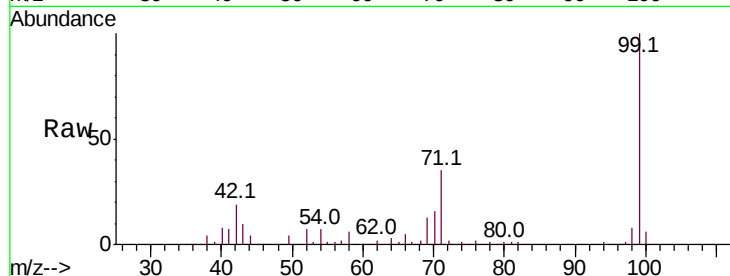
ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

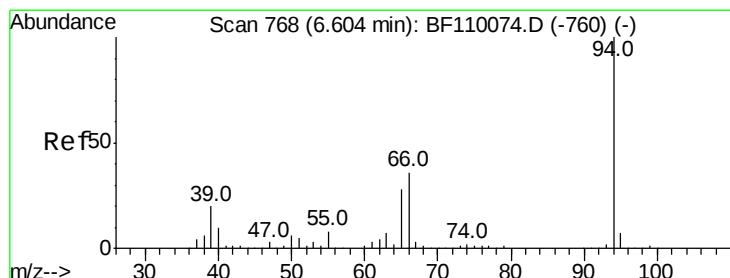
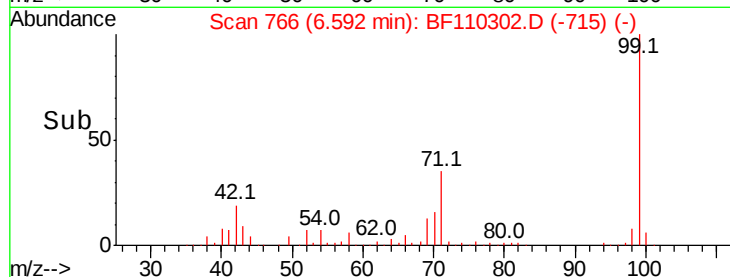
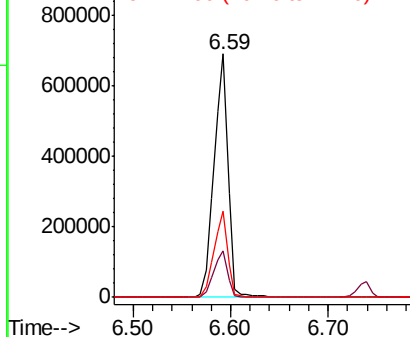
Tot Ion:	99	Resp:	686252
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.8	23.6
71	35.3	28.0	42.0

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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



#10

Phenol

Concen: 5.489 ng

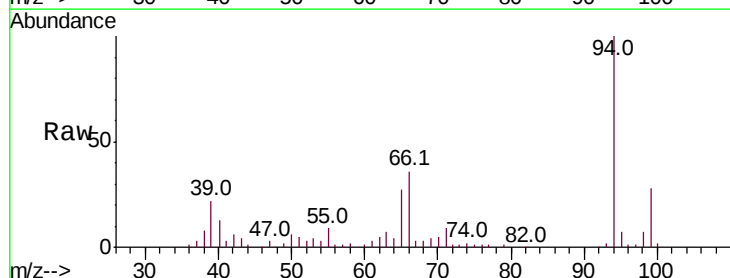
RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

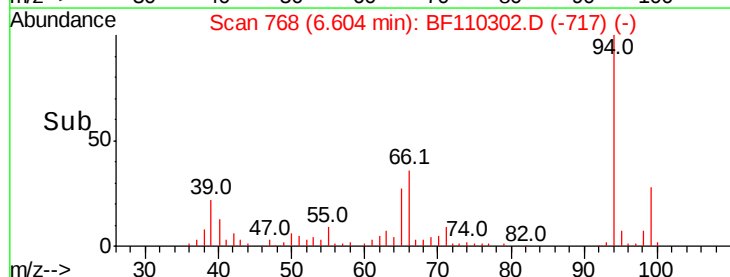
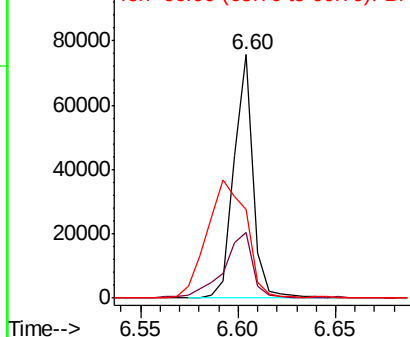
Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Tgt Ion:	94	Resp:	51266
Ion Ratio	Lower	Upper	
94	100		
65	27.1	25.3	65.3
66	36.2	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





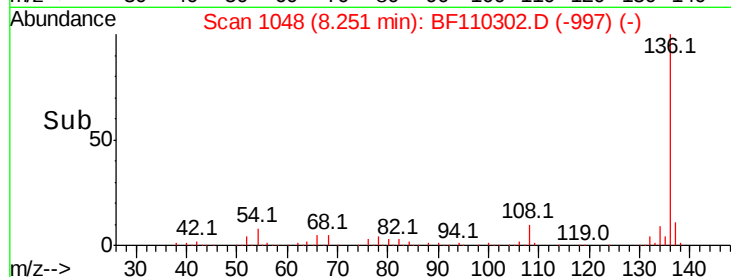
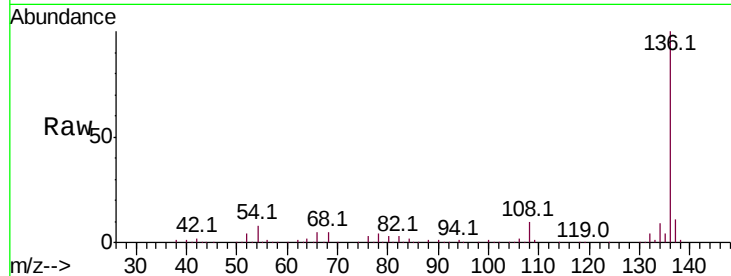
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

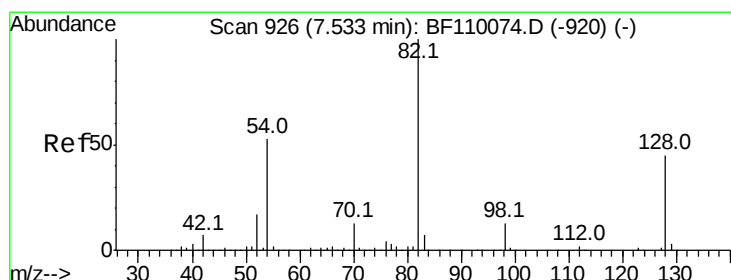
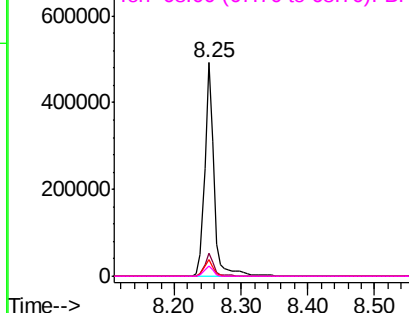
Tot Ion	Ratio	Resp	Lower	Upper
136	100	465138		
137	10.8		8.8	13.2
54	7.9		5.4	8.2
68	5.0		4.2	6.2

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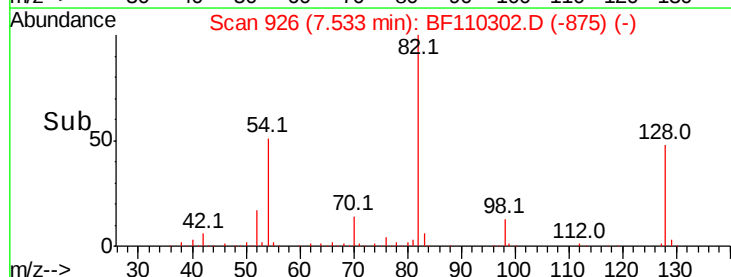
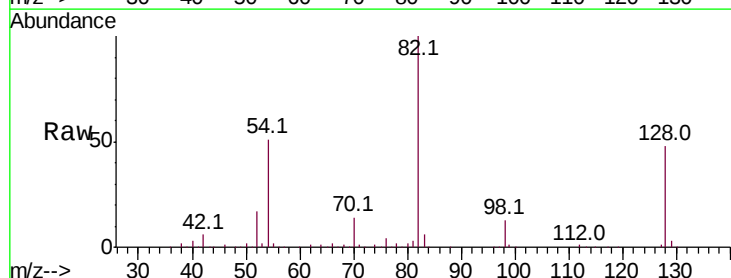


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

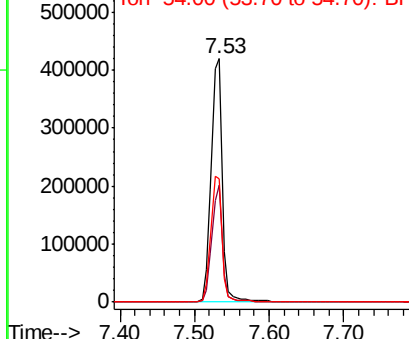


#23
Nitrobenzene-d5
Concen: 55.927 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	438581		
128	47.9		34.2	51.2
54	50.9		38.6	58.0



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





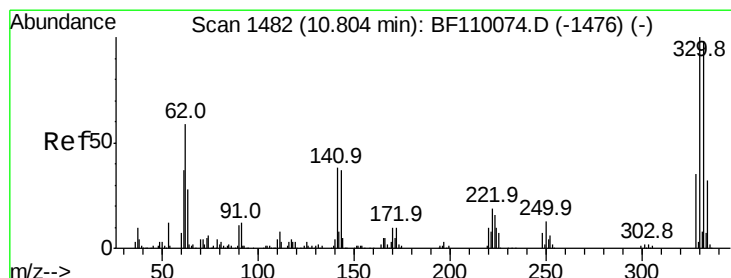
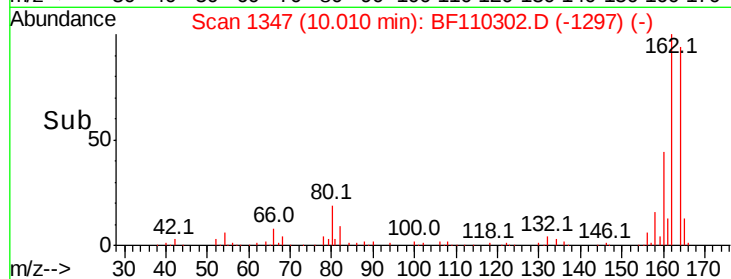
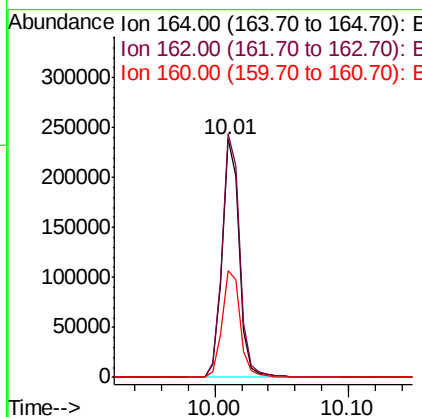
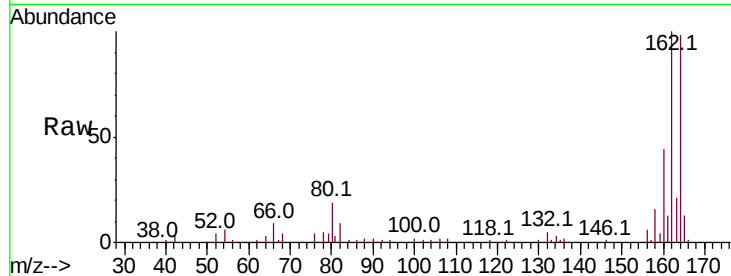
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	44.6	37.0	55.6

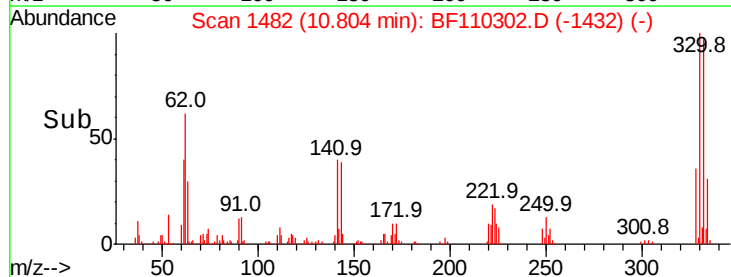
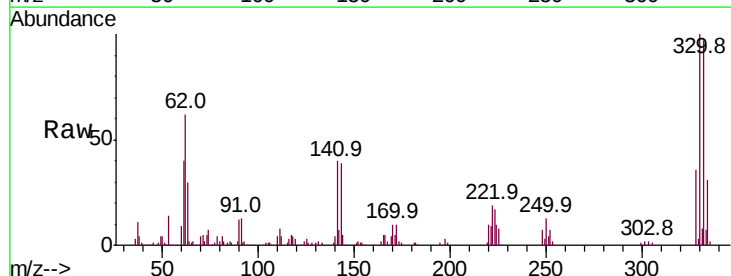
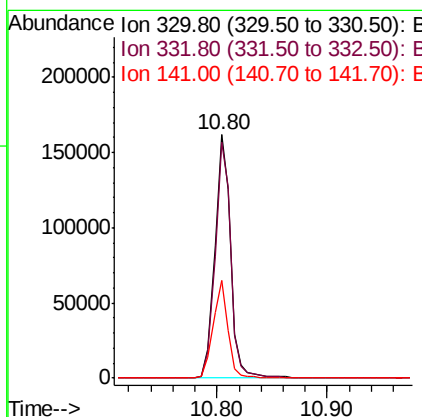
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#42
2,4,6-Tribromophenol
Concen: 73.425 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	37.5	27.0	40.4





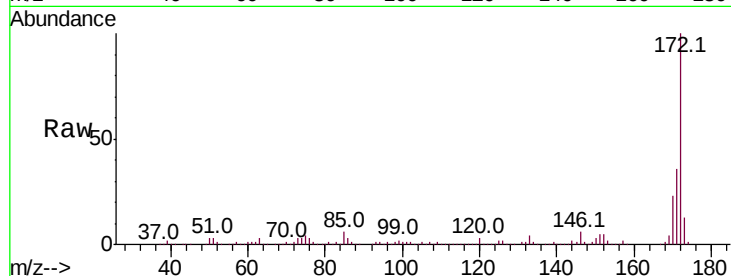
#45
2-Fluorobiphenyl
Concen: 49.560 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	686420		
171	35.6		28.6	43.0
170	23.4		19.7	29.5

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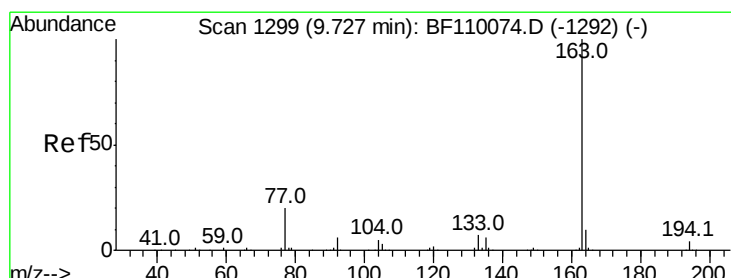
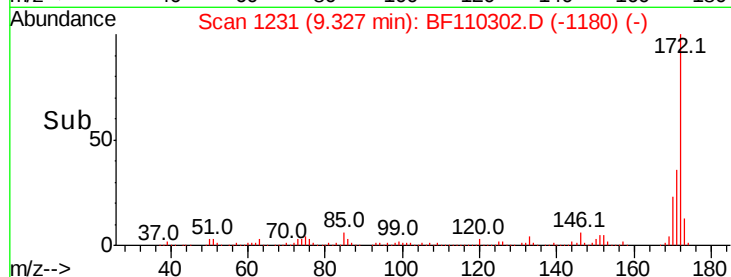
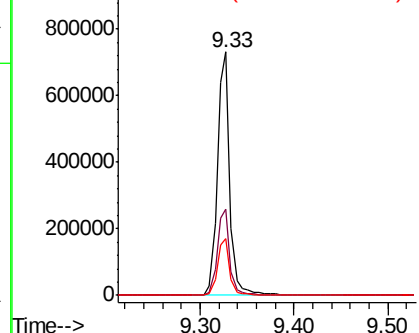


Abundance

Ion 172.00 (171.70 to 172.70): E

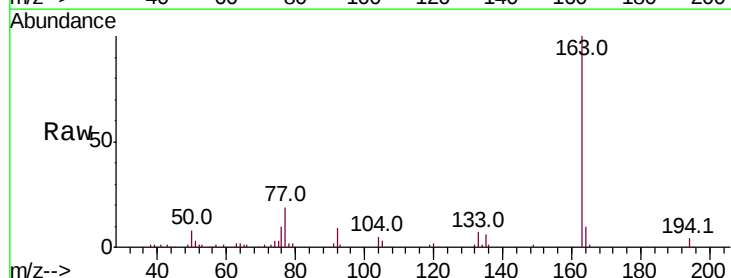
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.094 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	81786		
194	3.6		3.2	4.8
164	10.0		8.1	12.1

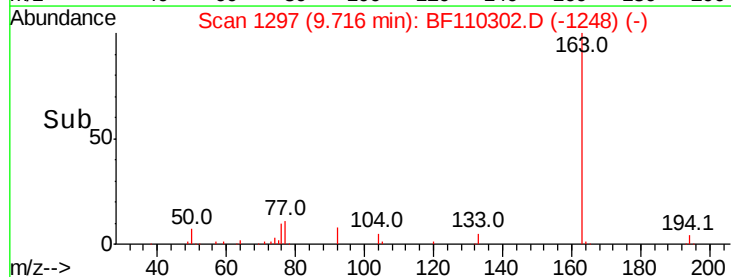
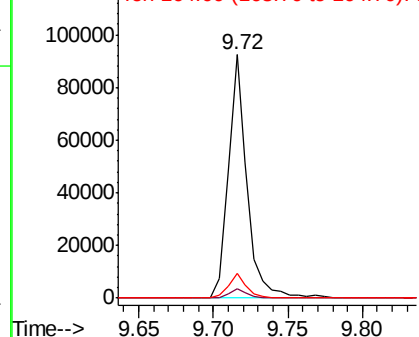


Abundance

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





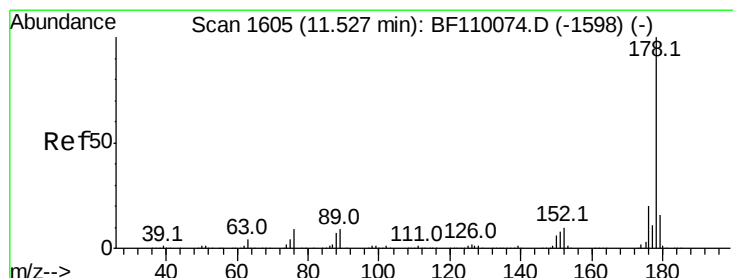
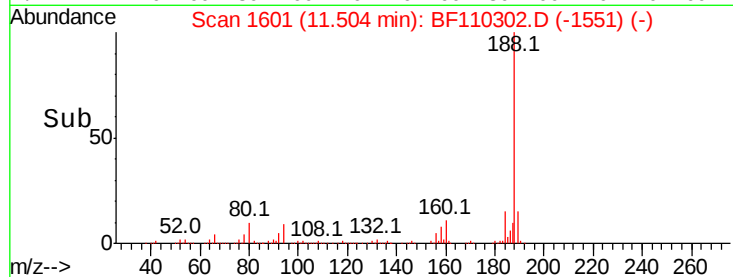
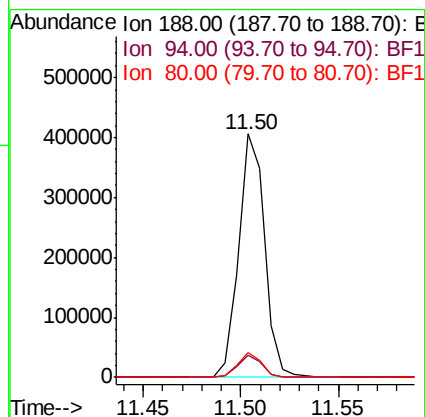
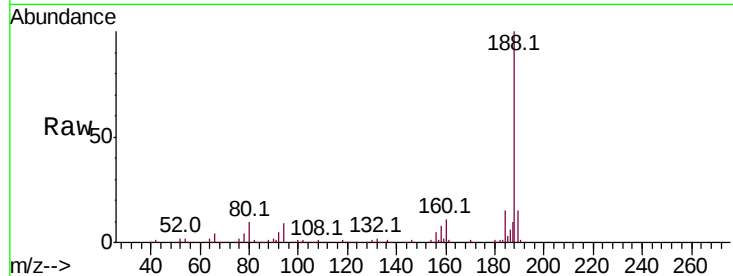
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion:	188	Resp:	373466
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.2	10.8
80	10.1	7.9	11.9

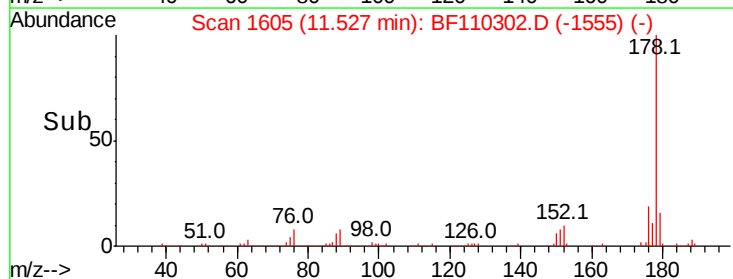
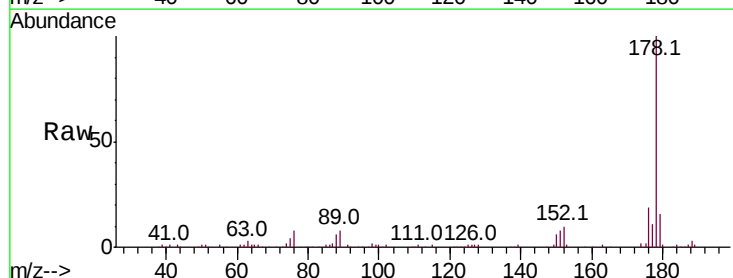
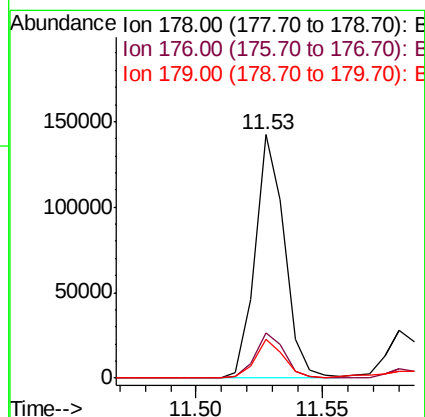
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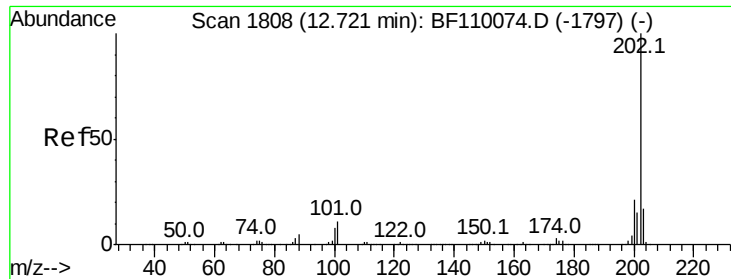
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#71
Phenanthrene
Concen: 5.891 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion:	178	Resp:	115125
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.5	23.3
179	15.8	12.5	18.7





#75

Fluoranthene

Concen: 8.427 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Instrument :

BNA_F

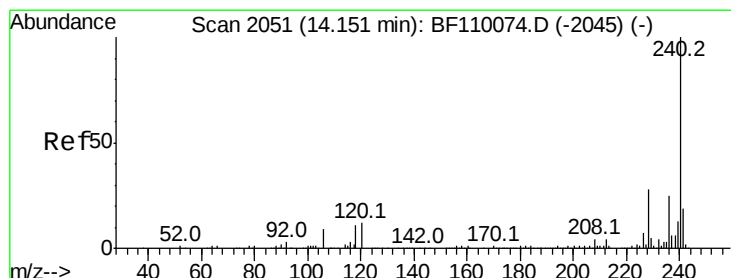
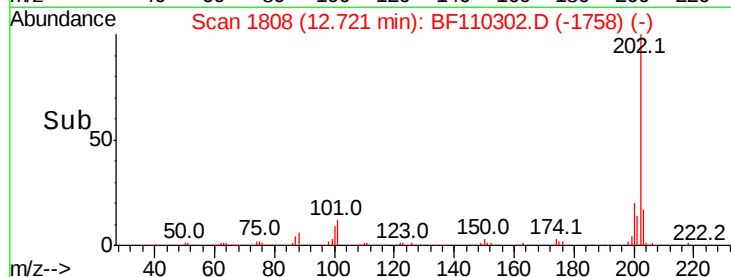
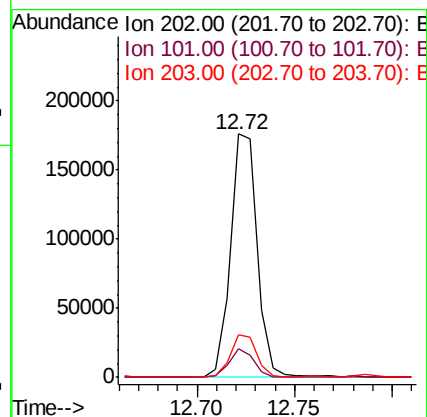
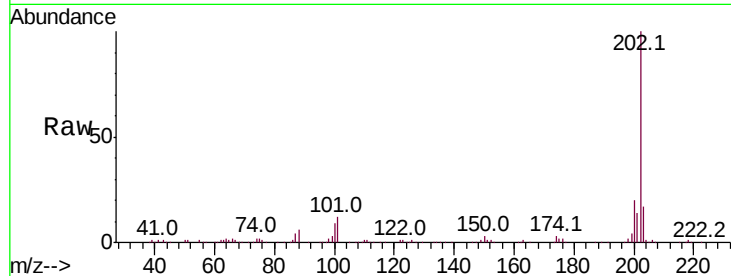
ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	167134		
101	11.7	0.0	31.4	
203	17.4	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

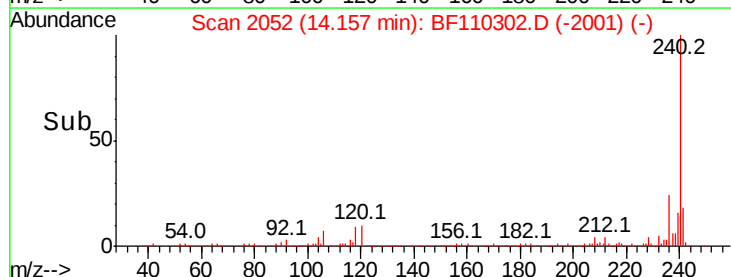
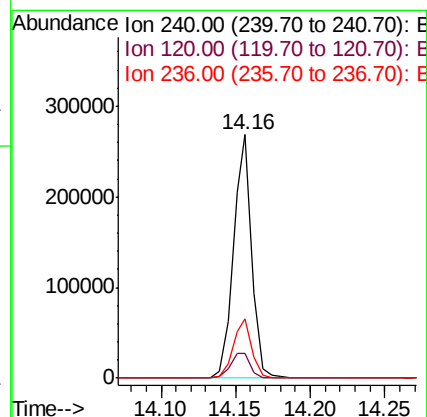
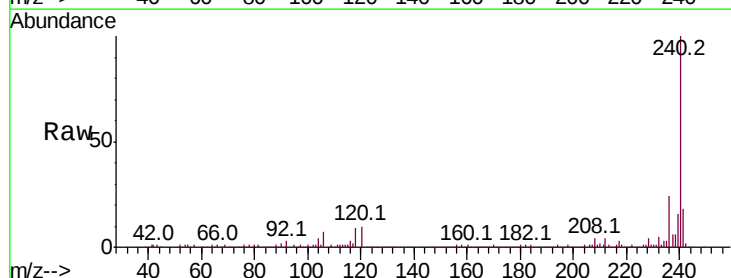
RT: 14.16 min Scan# 2052

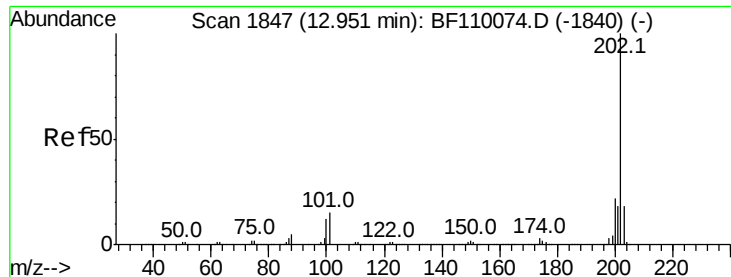
Delta R.T. -0.00 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	231421		
120	10.0	8.3	12.5	
236	24.4	21.2	31.8	





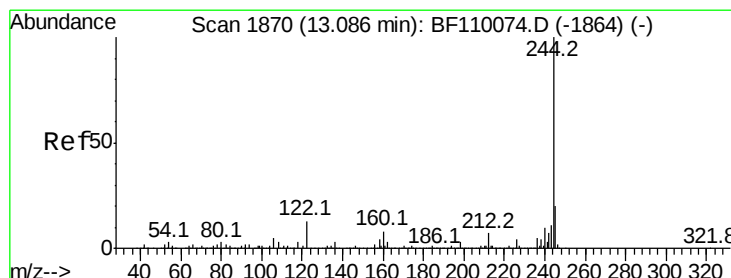
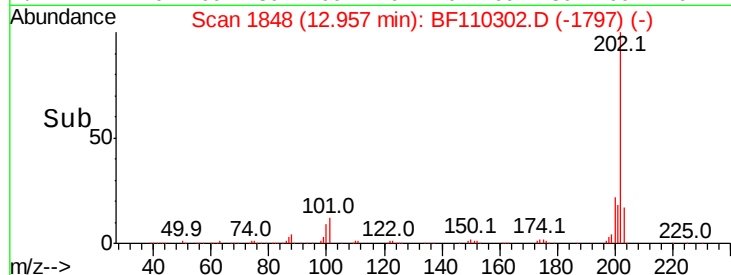
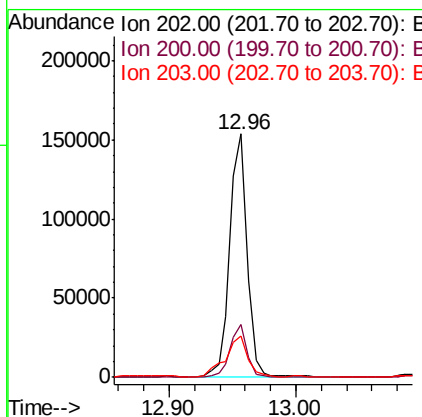
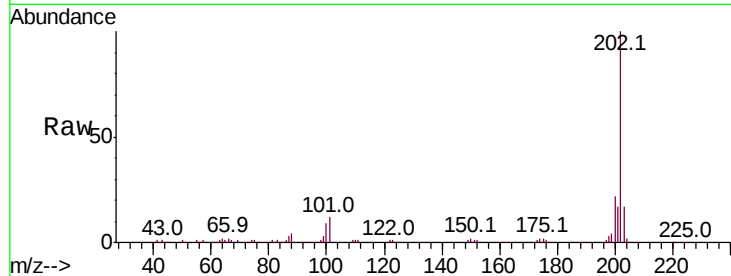
#78
Pvrene
Concen: 8.821 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	17.2	14.2	21.4

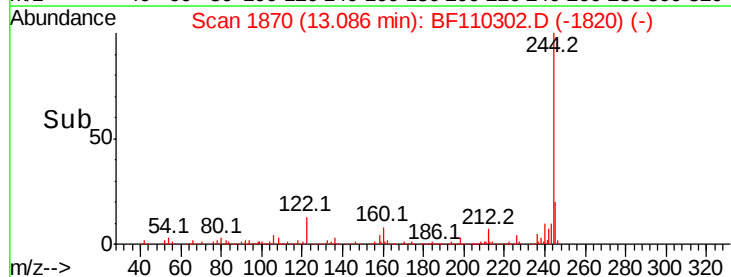
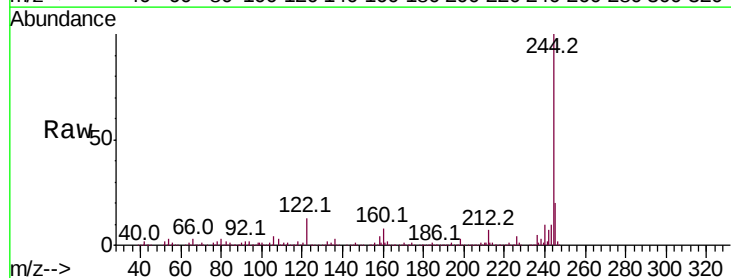
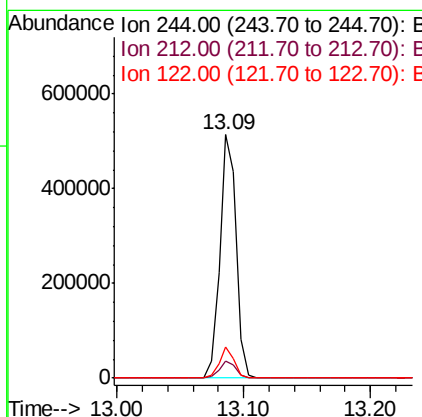
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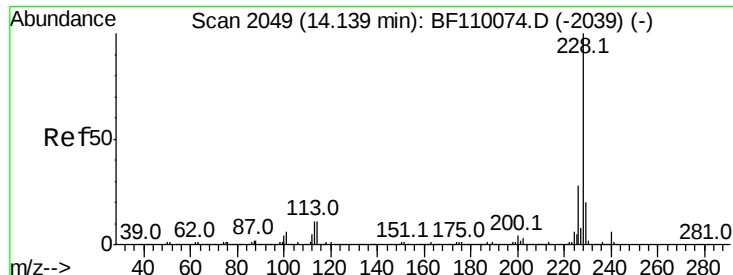
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#79
Terphenyl-d14
Concen: 41.437 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.6	8.7	13.1





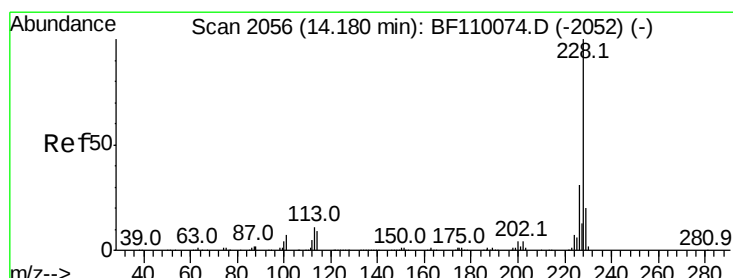
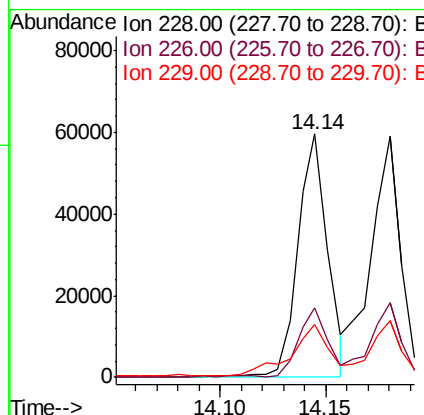
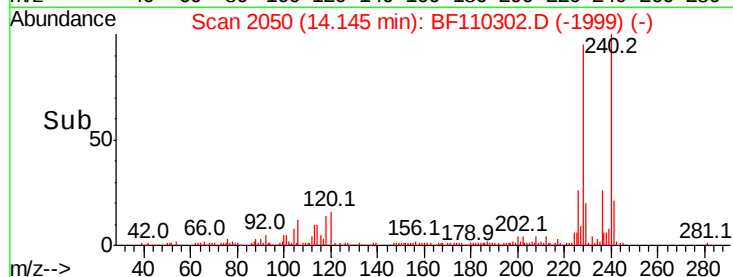
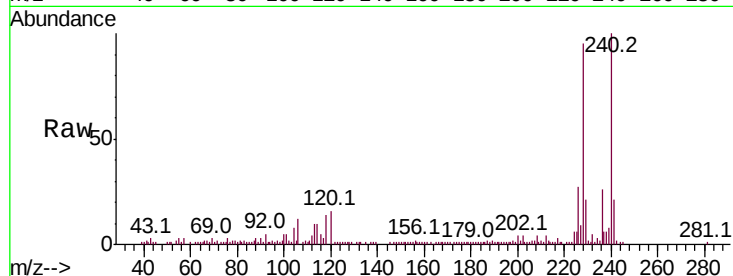
#81
Benzo(a)anthracene
Concen: 4.258 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion:	228	Resp:	58434
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.1	33.1
229	21.8	15.6	23.4

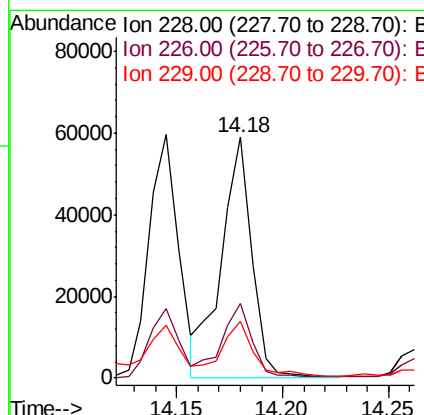
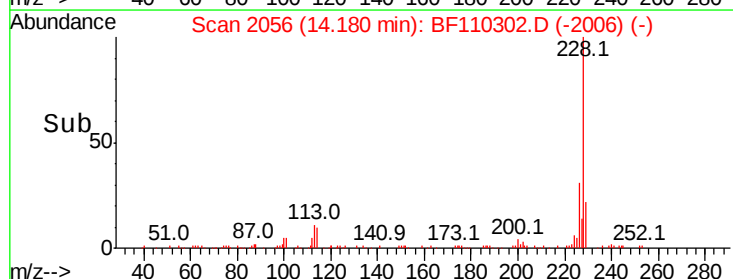
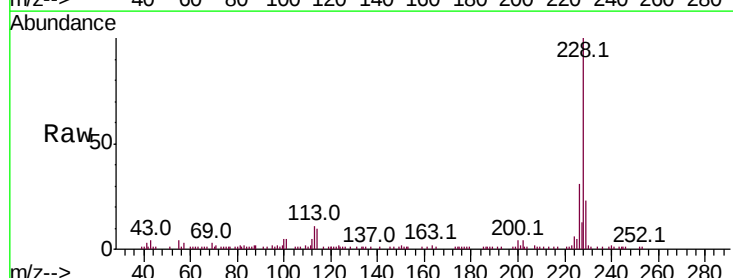
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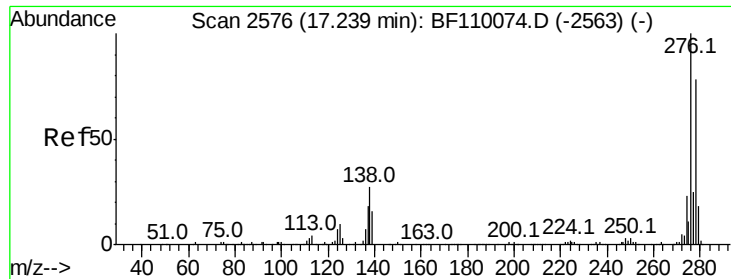
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#83
Chrysene
Concen: 4.552 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion:	228	Resp:	59329
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.7	37.1
229	23.3	15.9	23.9





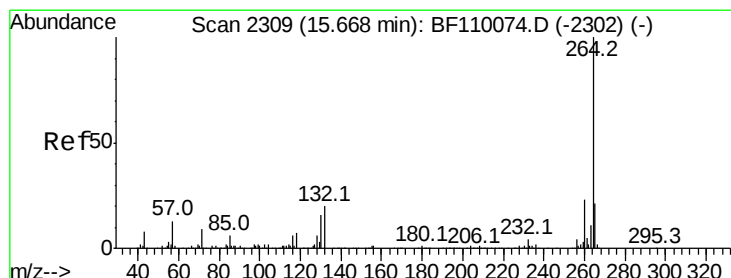
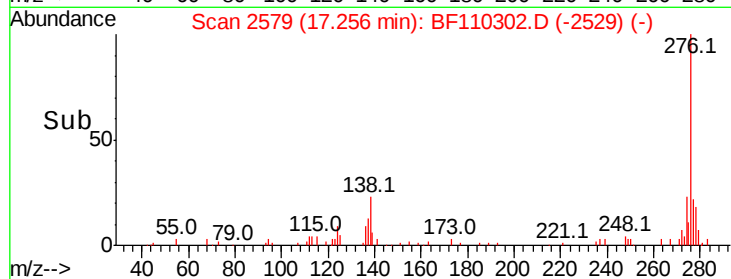
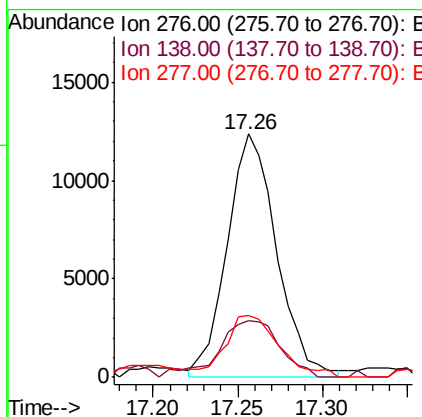
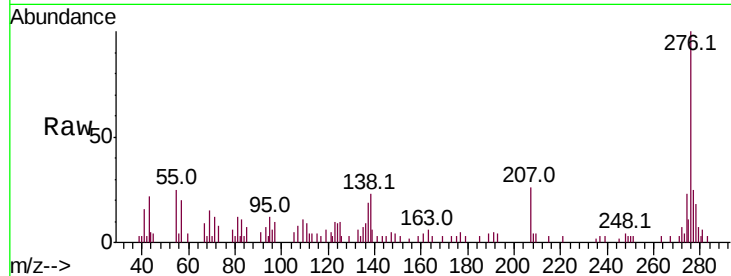
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.339 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	18.5	27.7#
277	27.8	20.0	30.0

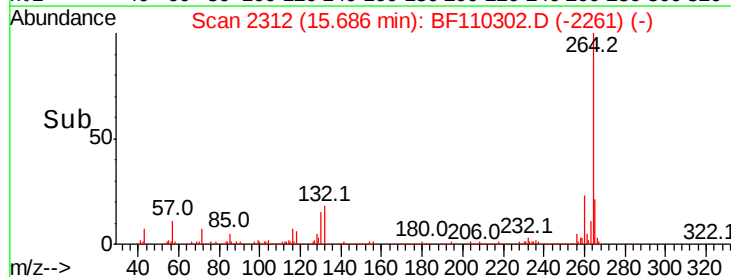
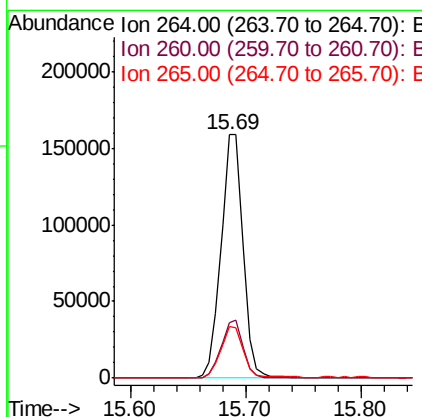
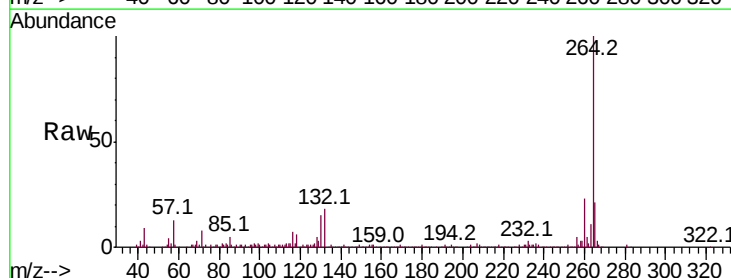
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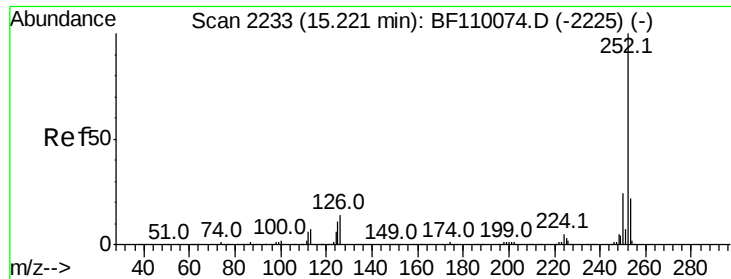
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.3	16.7	25.1





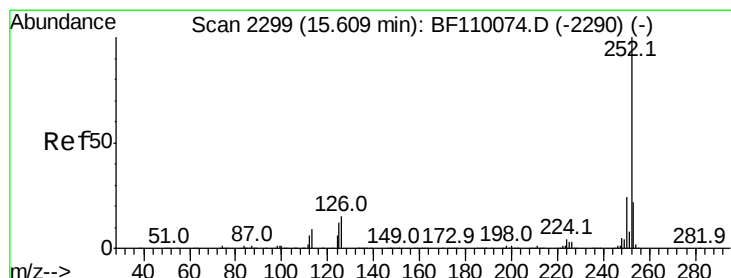
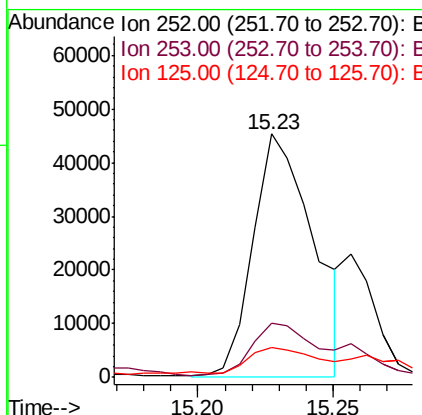
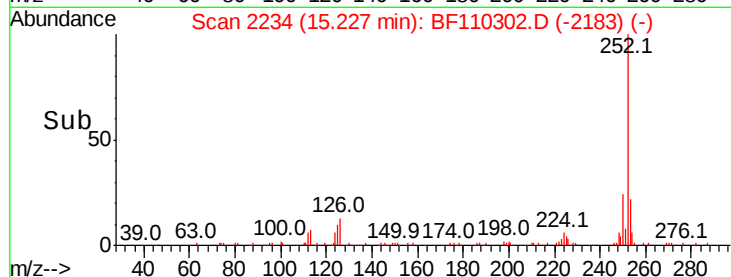
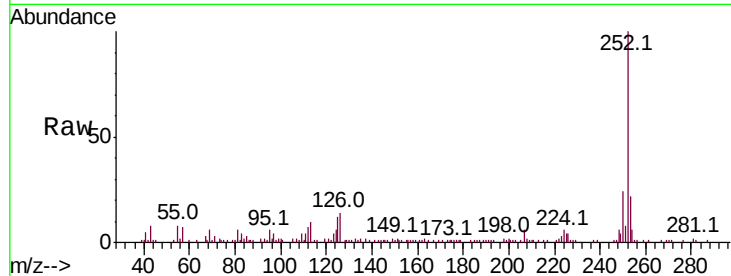
#88
Benzo(b)fluoranthene
Concen: 5.807 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tot Ion:	252	Resp:	70717
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	12.2	8.2	12.4

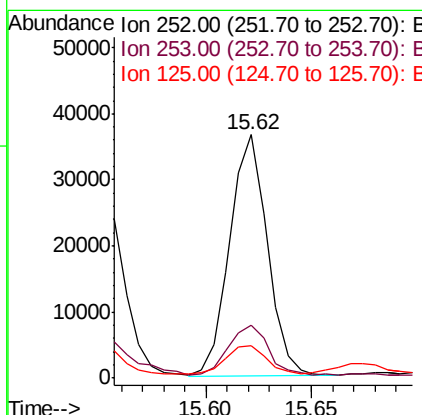
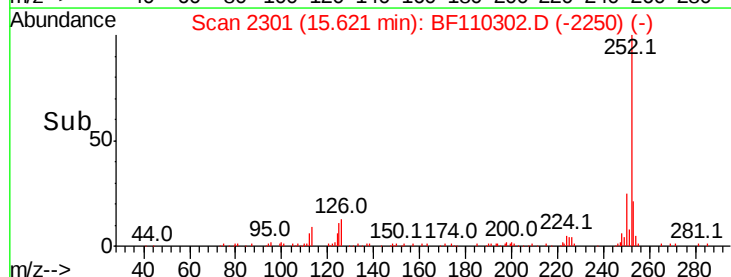
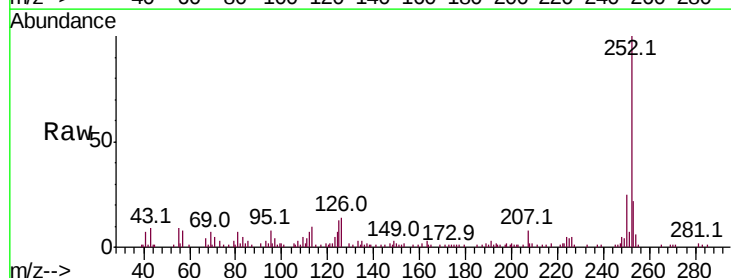
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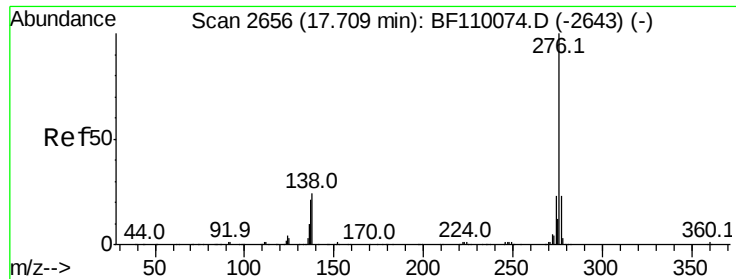
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#90
Benzo(a)pyrene
Concen: 4.017 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion:	252	Resp:	45017
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.4
125	13.3	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.521 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.00 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.8	28.2
138	28.1	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:14:58 AM

