

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107079.D
 Acq On : 3 Jul 2018 13:51
 Operator : JU/SJ
 Sample : J3629-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

Manual Integrations
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Quant Time: Jul 03 15:40:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55183	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	203196	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	88201	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	167360	20.00	ng	0.00
75) Chrysene-d12	14.15	240	170713	20.00	ng	-0.02
86) Perylene-d12	15.69	264	119481	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	66498	20.41	ng	0.00
7) Phenol-d6	6.60	99	79643	19.57	ng	-0.01
23) Nitrobenzene-d5	7.52	82	46205	12.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	18518	18.11	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	97200	4.72	ng	-0.01
78) Terphenyl-d14	13.08	244	115305	16.36	ng	0.00
Target Compounds						
74) Fluoranthene	12.71	202	21749	2.445	ng	Qvalue 96
87) Benzo(b)fluoranthene	15.24	252	17763m	2.393	ng	

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

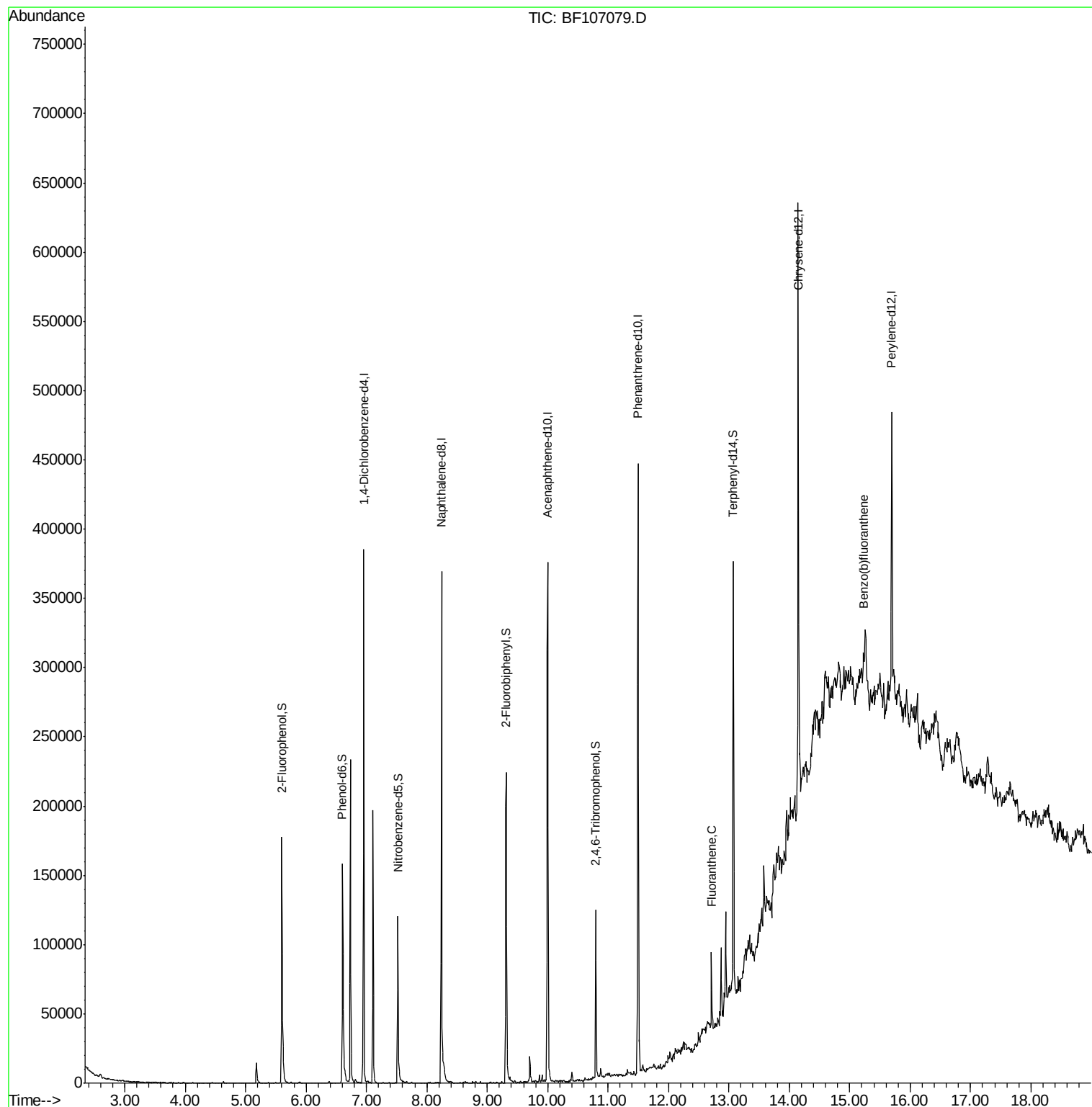
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107079.D
Acq On : 3 Jul 2018 13:51
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Sample : J3629-13
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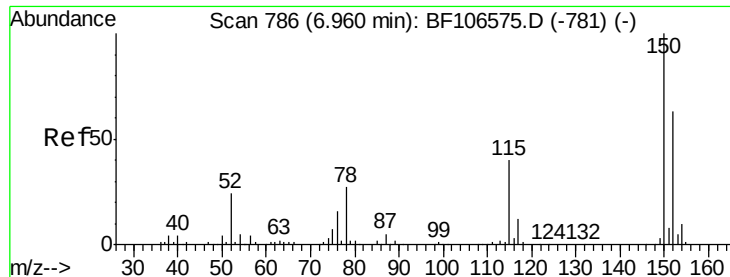
Instrument :
BNA_F
ClientSampleId :
A0C14-01

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#1

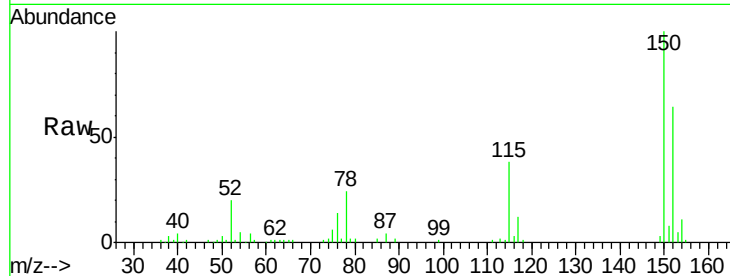
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Instrument :
BNA_F
ClientSampleId :
A0C14-01

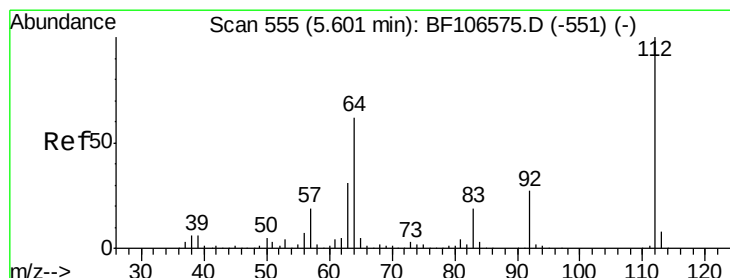
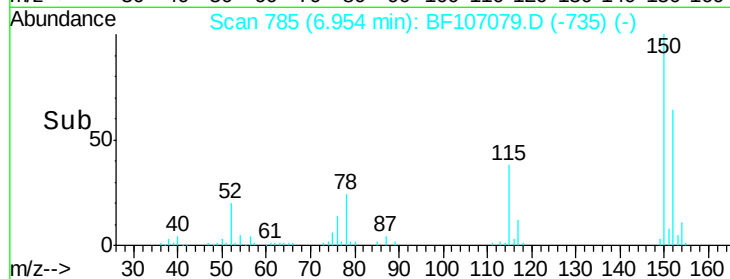
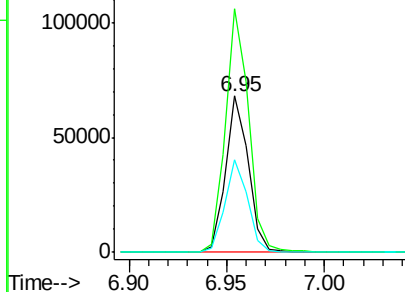
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	59.2	50.1	75.1

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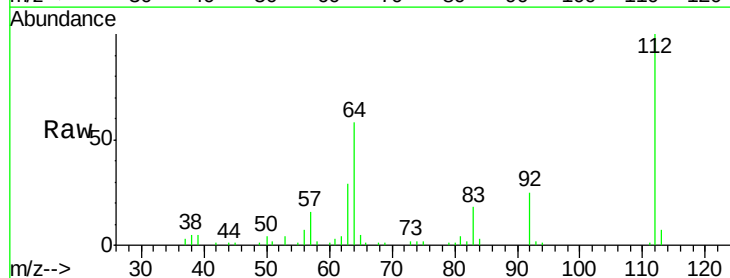
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



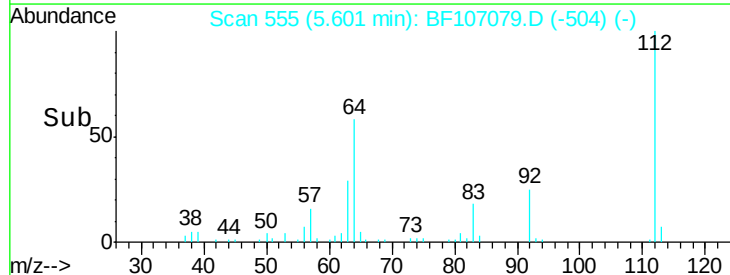
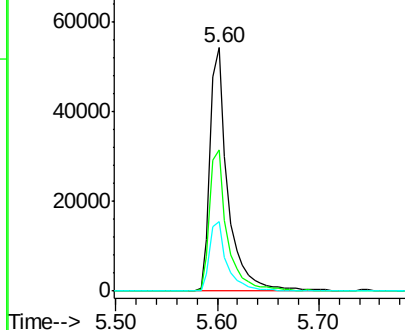
#5

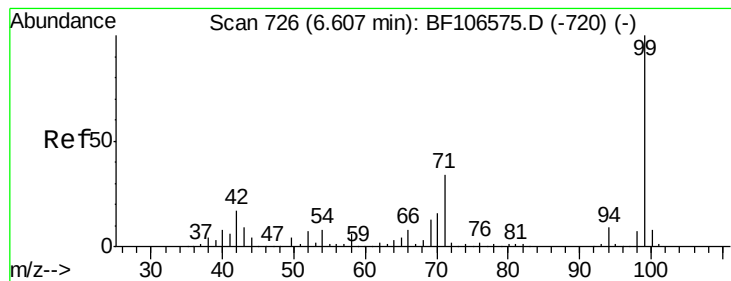
2-Fluorophenol
Concen: 20.405 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.570 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

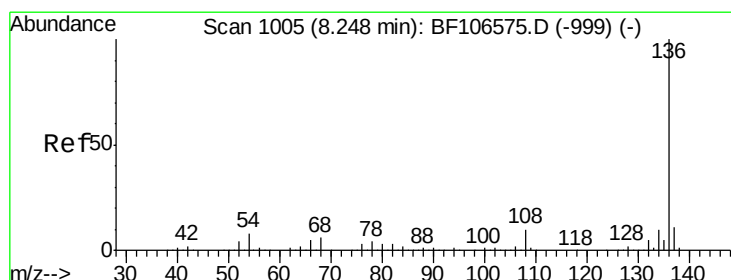
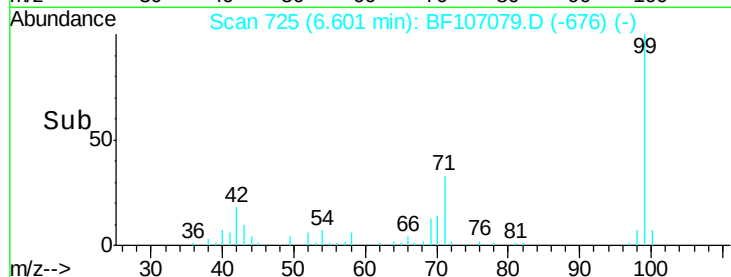
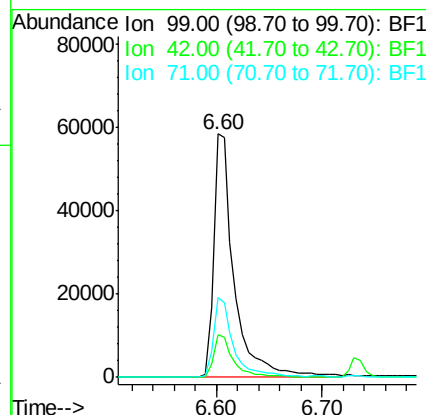
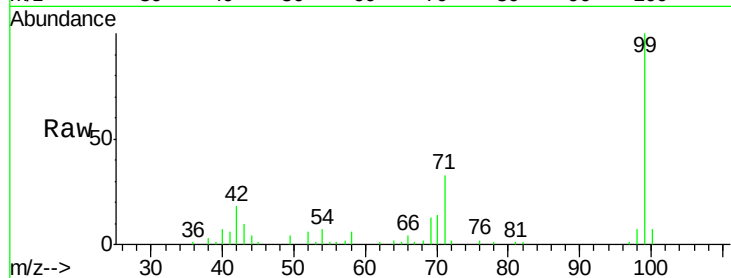
ClientSampled :

A0C14-01

Tot Ion:	99	Resp:	79643
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	32.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

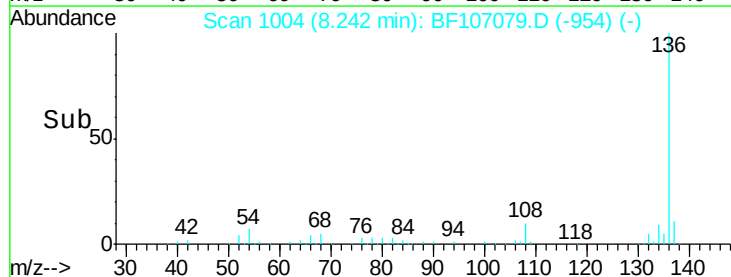
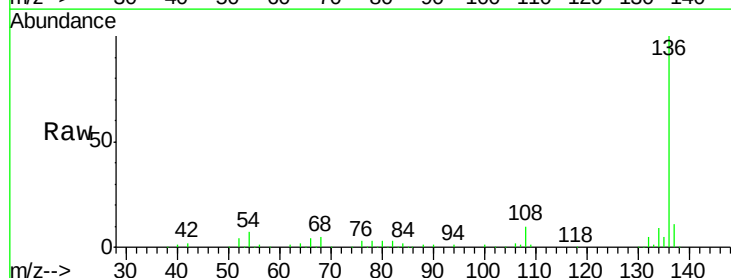
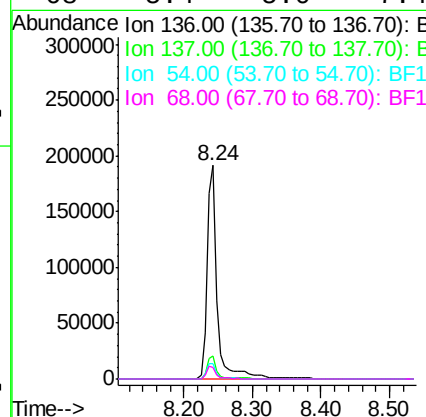
RT: 8.24 min Scan# 1004

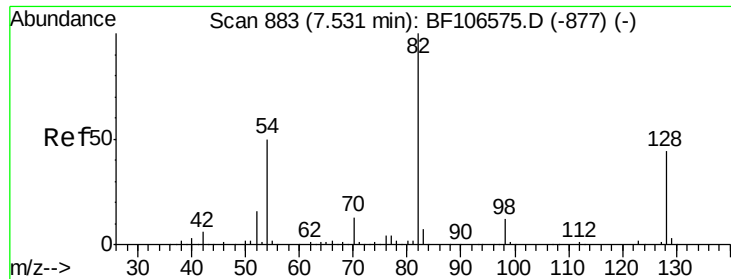
Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Tgt Ion:	136	Resp:	203196
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.6	9.8
68	5.4	5.0	7.4





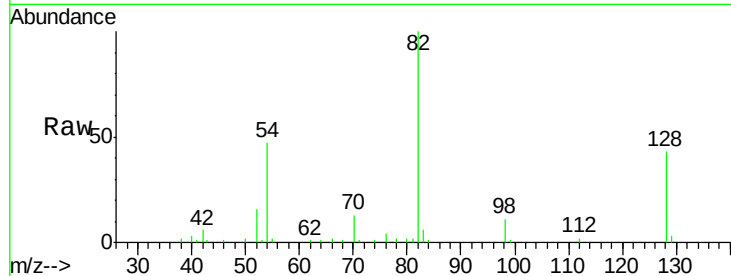
#23
 Nitrobenzene-d5
 Concen: 12.637 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

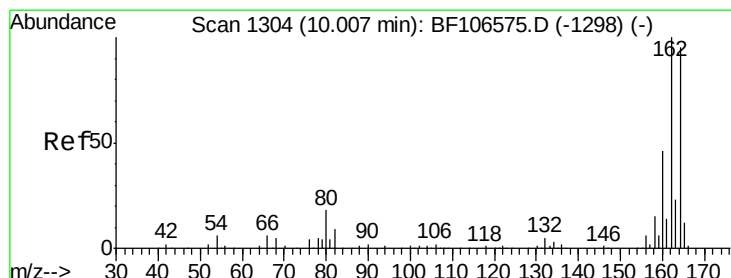
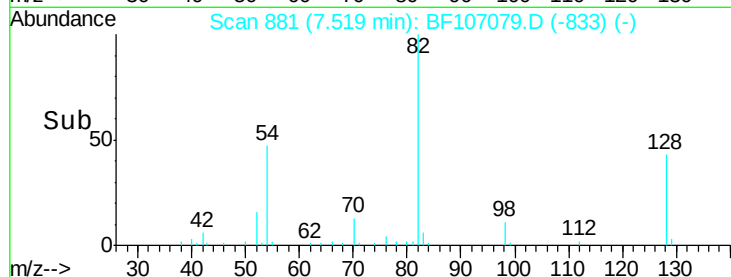
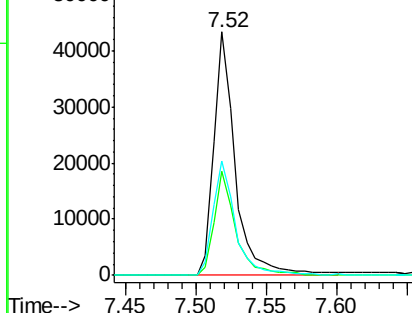
Tot Ion	82	Resp	46205
Ion Ratio	100	Lower	Upper
128	42.7	36.1	54.1
54	46.8	41.4	62.2

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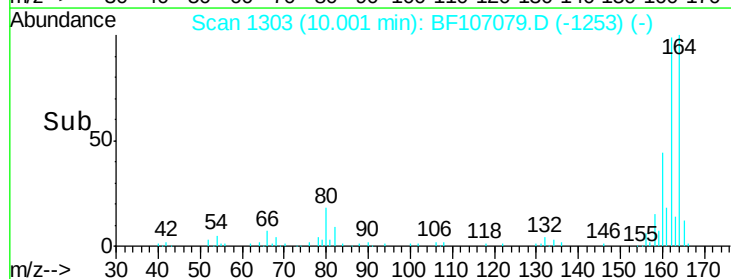
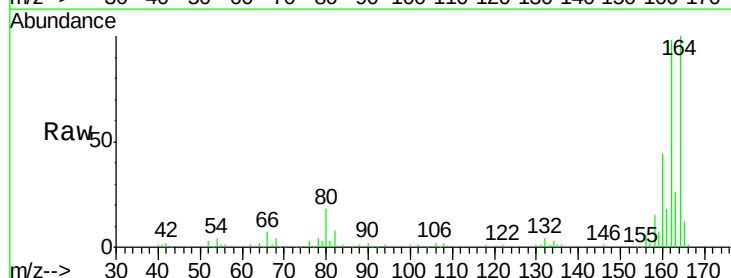
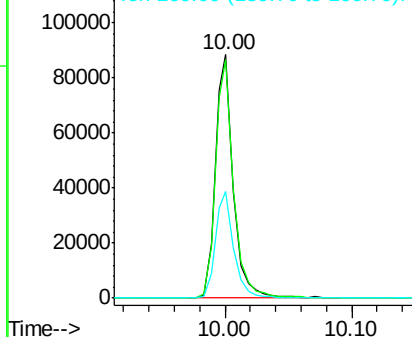
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

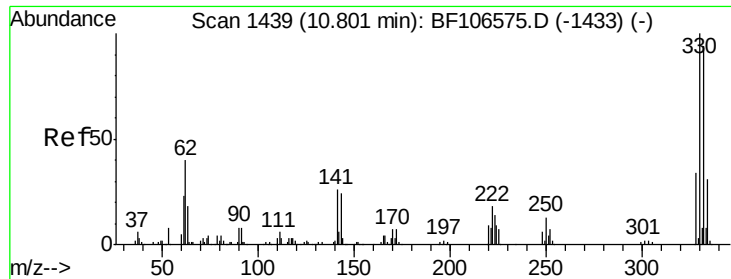


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Tgt Ion	164	Resp	88201
Ion Ratio	100	Lower	Upper
162	97.7	86.1	129.1
160	43.6	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: 18.115 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

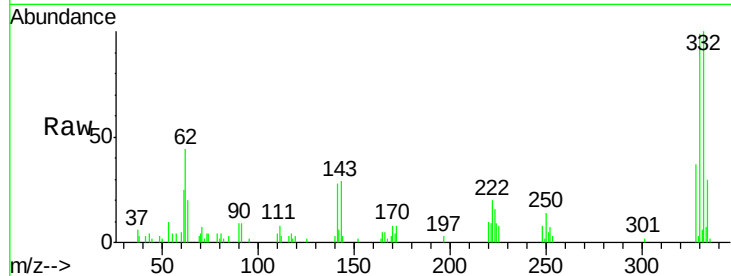
ClientSampled :

A0C14-01

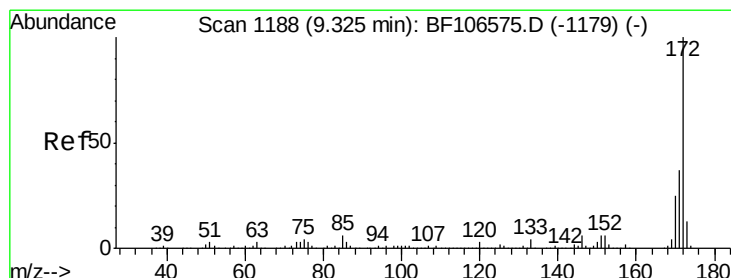
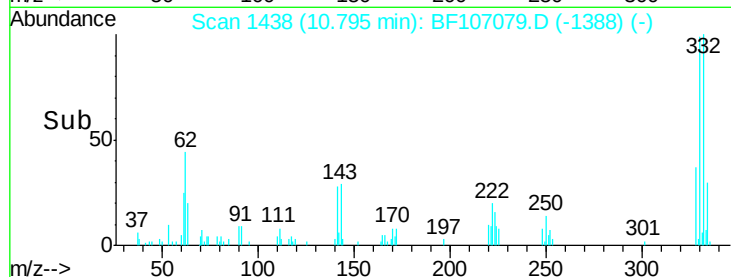
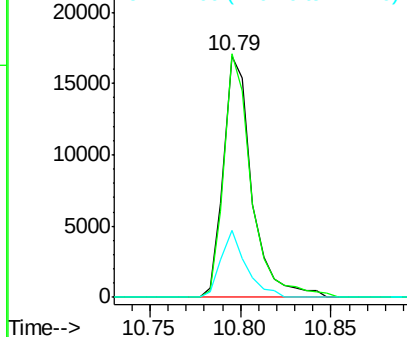
Tot Ion:	330	Resp:	18518
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.0	115.6
141	24.7	29.9	44.9#

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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: 4.721 ng

RT: 9.31 min Scan# 1186

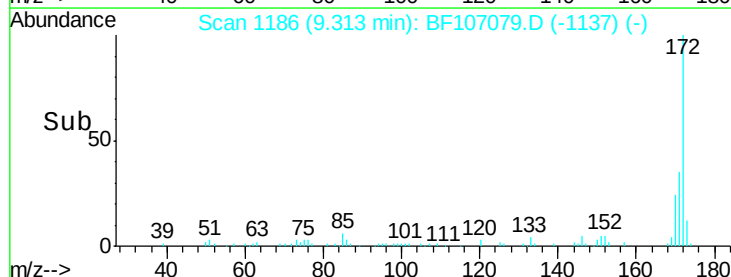
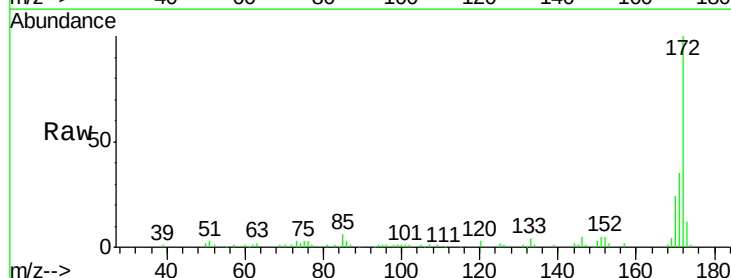
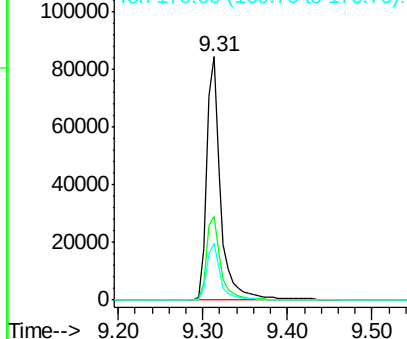
Delta R.T. -0.01 min

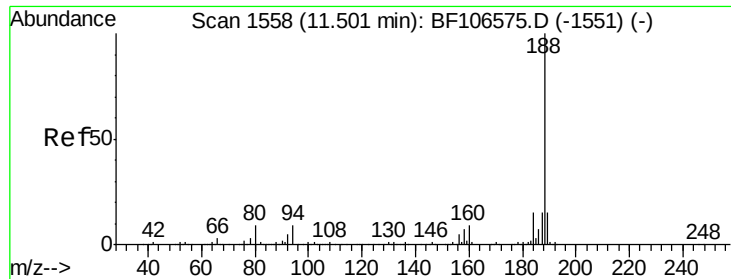
Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Tgt Ion:	172	Resp:	97200
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.7	44.5
170	23.6	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





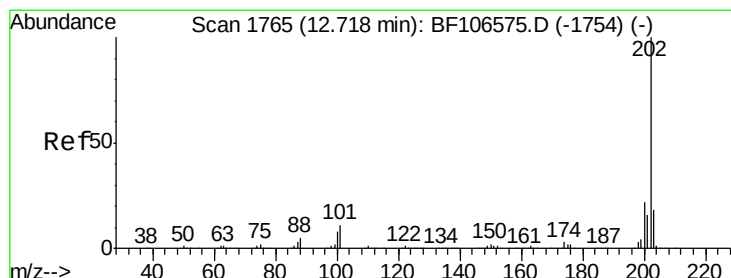
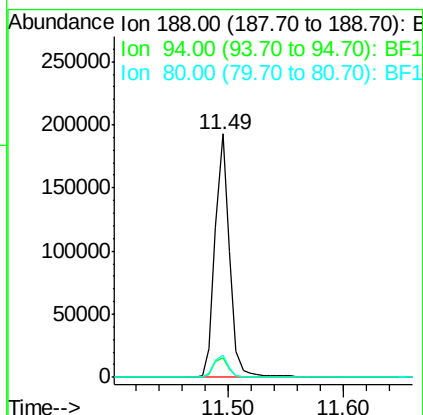
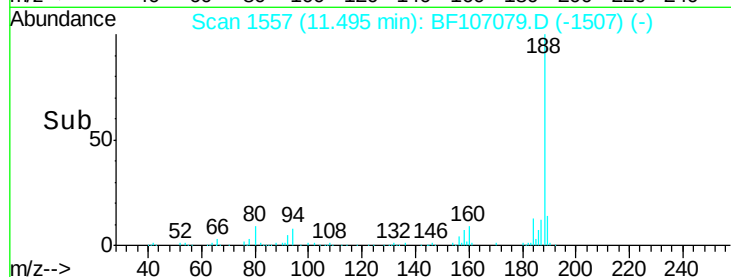
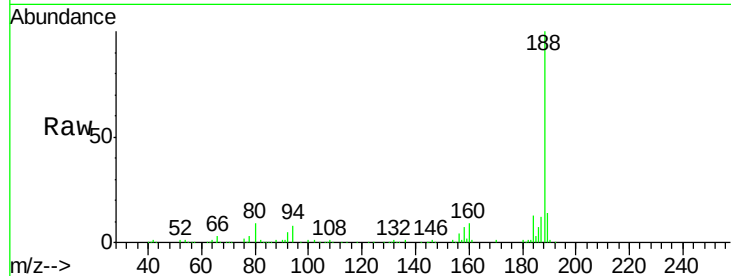
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Instrument :
BNA_F
ClientSampled :
A0C14-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	167360		
94	8.2		8.5	12.7#
80	9.2		9.2	13.8

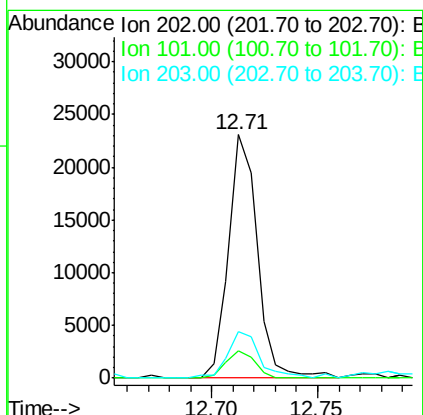
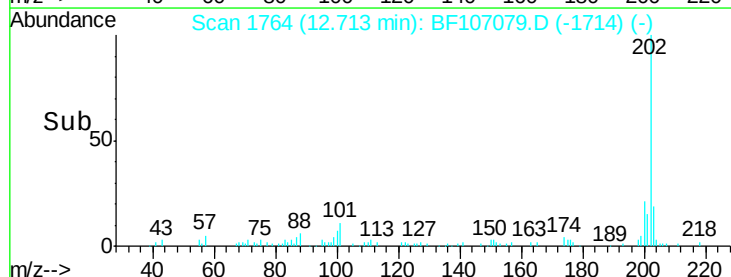
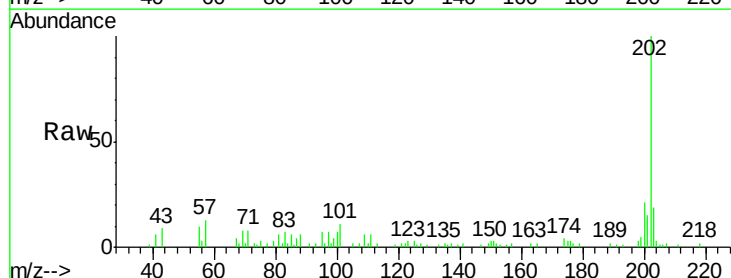
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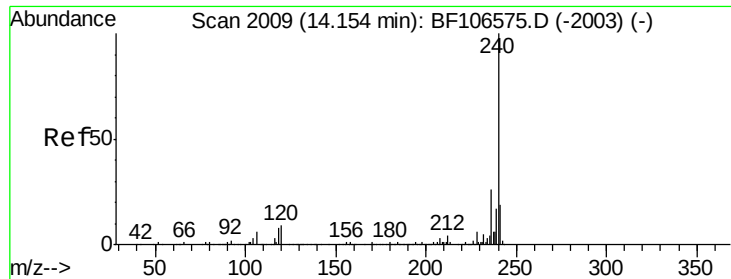
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#74
Fluoranthene
Concen: 2.445 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	21749		
101	11.3		0.0	34.1
203	19.1		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

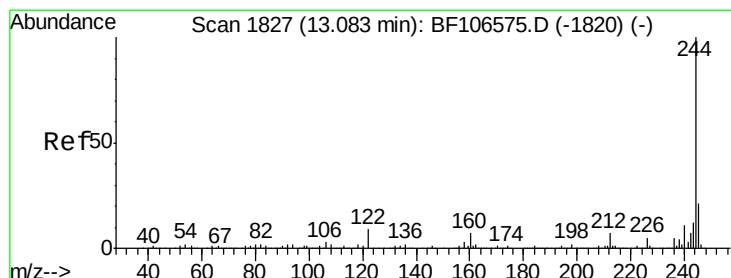
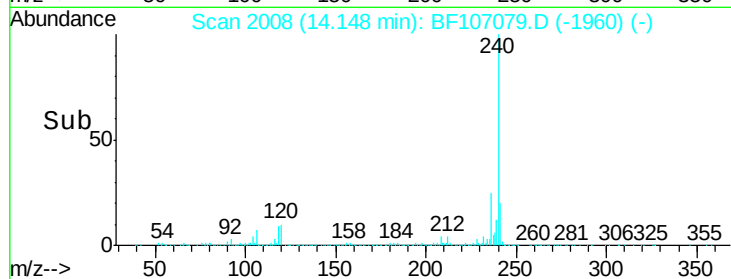
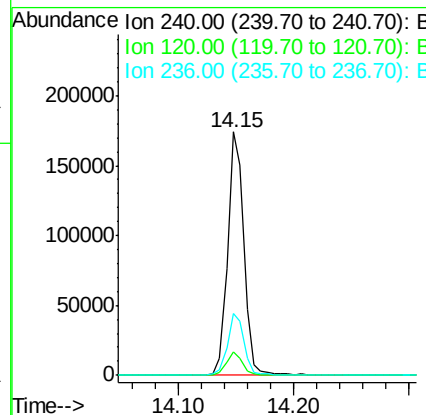
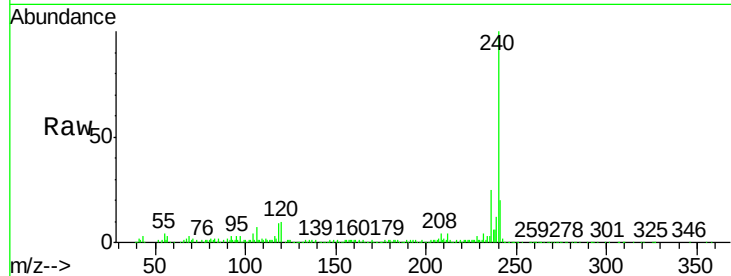
ClientSampleId :

A0C14-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.2	20.7	31.1

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#78

Terphenyl-d14

Concen: 16.361 ng

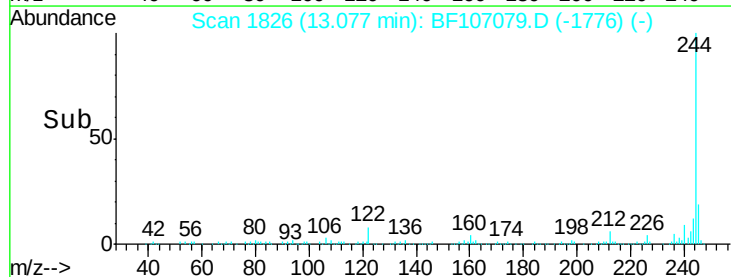
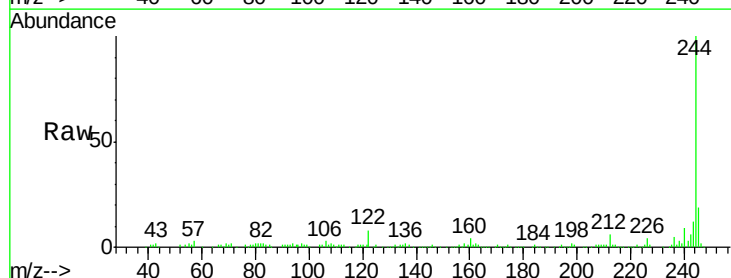
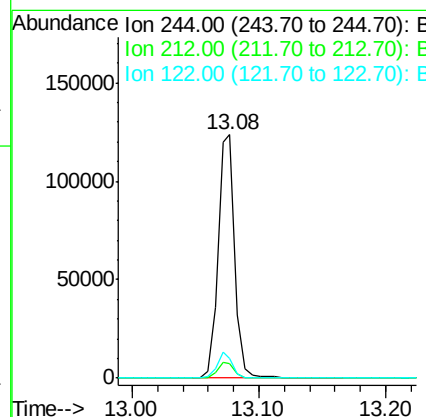
RT: 13.08 min Scan# 1826

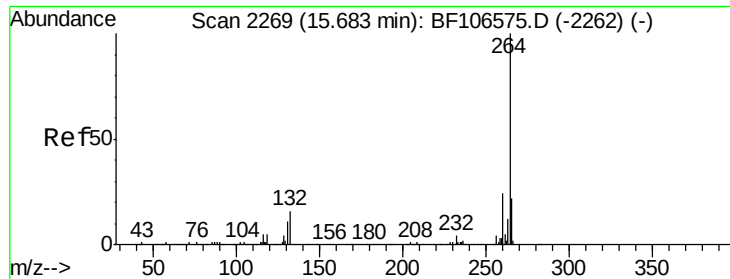
Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	7.9	11.0	16.4#





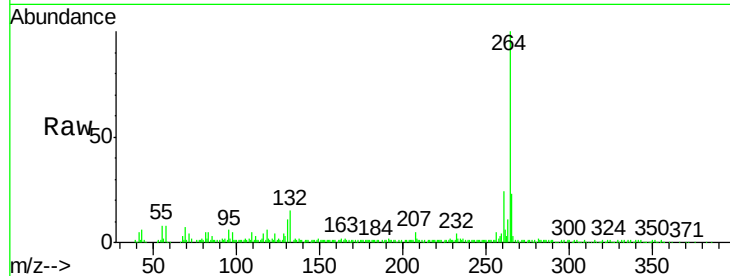
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Instrument :
BNA_F
ClientSampleId :
A0C14-01

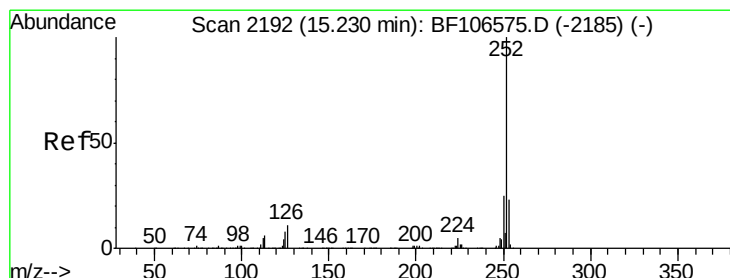
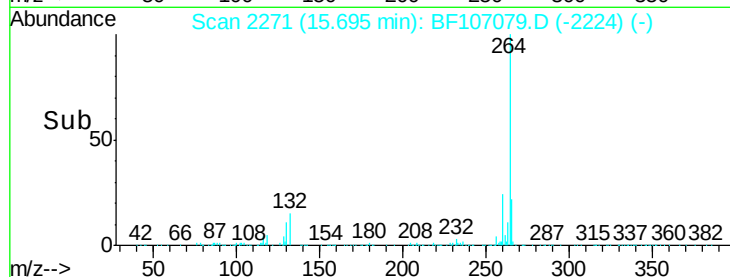
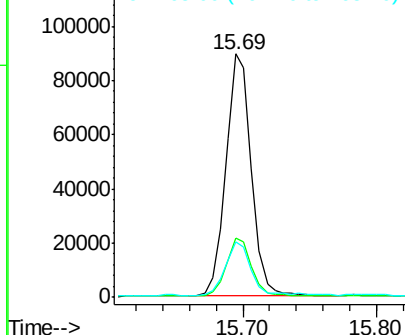
Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.1	19.2	28.8		
265	22.8	17.5	26.3		

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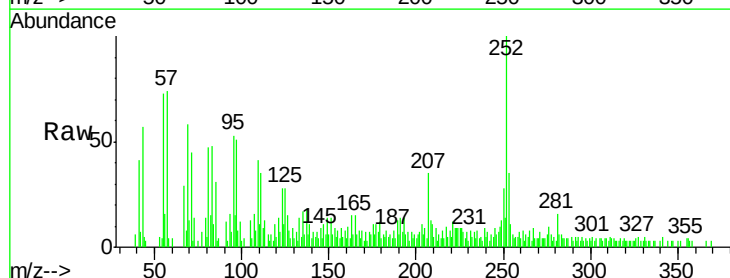


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.393 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	34.5	17.0	25.6#		
125	27.8	9.0	13.6#		



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

