

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107130.D
 Acq On : 5 Jul 2018 16:46
 Operator : JU/SJ
 Sample : J3853-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8

Manual Integrations
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Sohil
 7/6/2018 8:45:23 AM

Quant Time: Jul 05 17:45:00 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	60565	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	229561	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	109809	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	183678	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	165440	20.00	ng	-0.02
86) Perylene-d12	15.69	264	137661	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	357837	100.05	ng	0.00
7) Phenol-d6	6.60	99	447235	100.13	ng	-0.02
23) Nitrobenzene-d5	7.51	82	277129	67.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	126717	99.56	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	514579	78.13	ng	-0.02
78) Terphenyl-d14	13.07	244	467944	68.51	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.25	128	22317	2.079	ng	98
37) 2-Methylnaphthalene	8.95	142	52995	7.450	ng	94
49) Dimethylphthalate	9.70	163	84147	10.217	ng	98
70) Phenanthrene	11.51	178	53088	5.992	ng	100
74) Fluoranthene	12.71	202	72043	7.378	ng	95
77) Pyrene	12.94	202	72285	6.626	ng	98
80) Benzo(a)anthracene	14.13	228	45097	4.473	ng	99
82) Chrysene	14.17	228	43157	4.652	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	19390	2.463	ng	95
87) Benzo(b)fluoranthene	15.23	252	56423m	6.598	ng	
88) Benzo(k)fluoranthene	15.25	252	18972m	2.330	ng	
89) Benzo(a)pyrene	15.62	252	34753	4.572	ng	# 94
91) Benzo(a,h,i)perylene	17.76	276	17400	2.763	ng	# 87

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

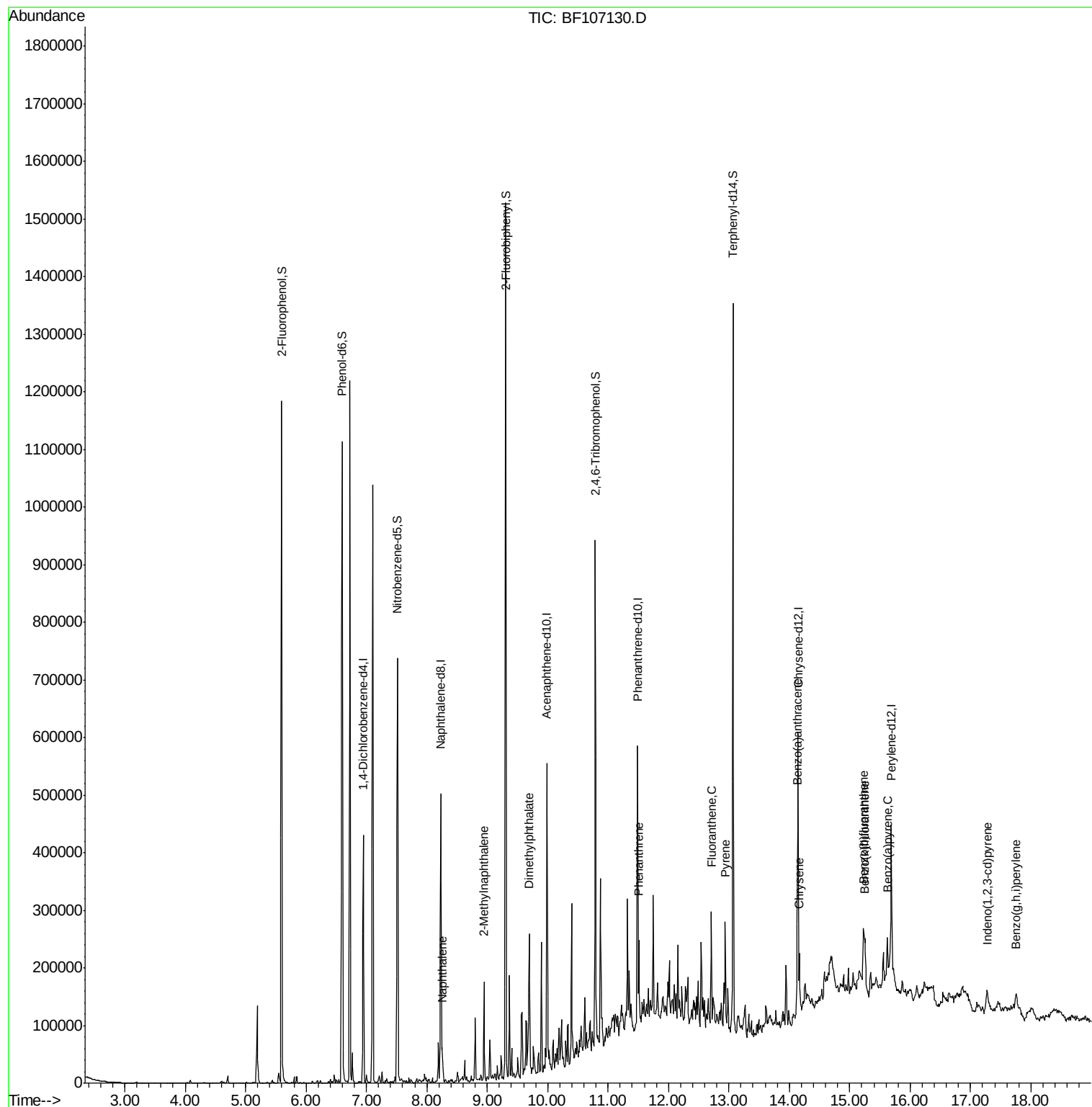
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107130.D
Acq On : 5 Jul 2018 16:46
Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

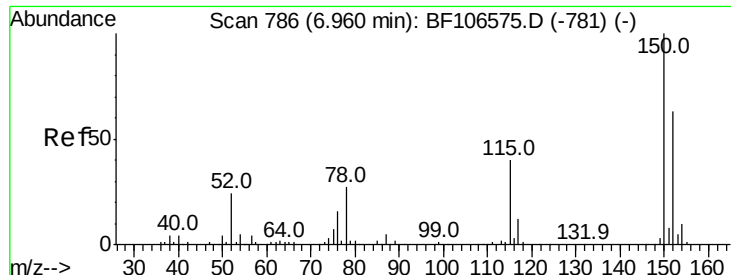
Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

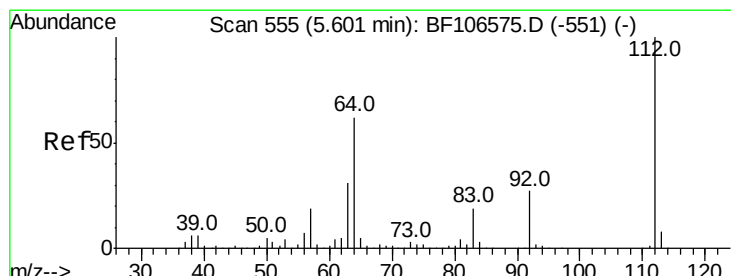
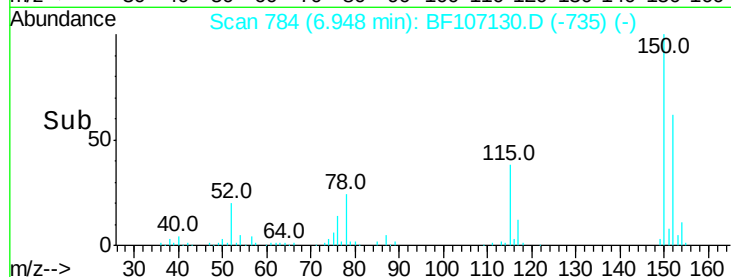
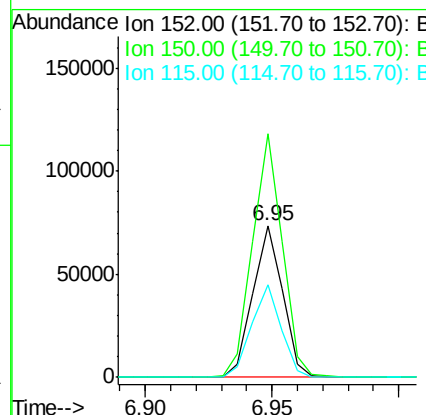
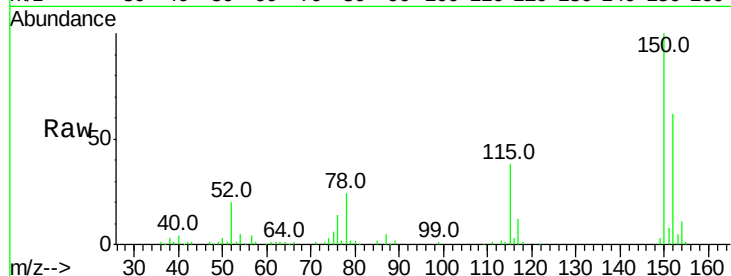
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Instrument :
BNA_F
ClientSampled :
B-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	60.7	50.1	75.1

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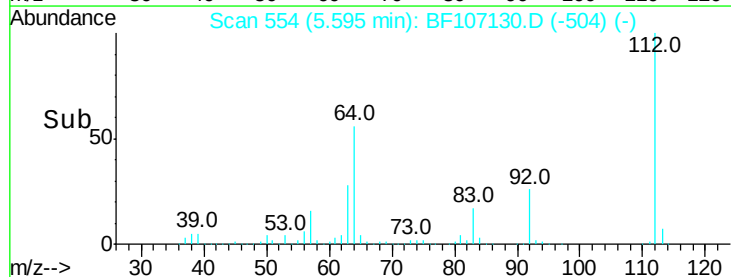
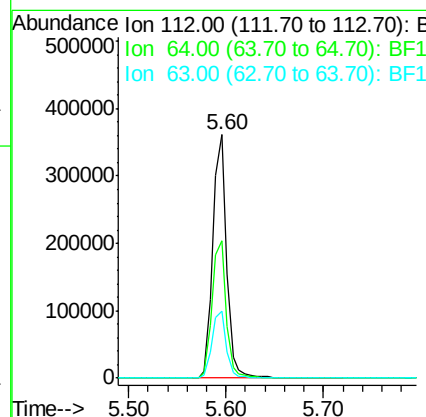
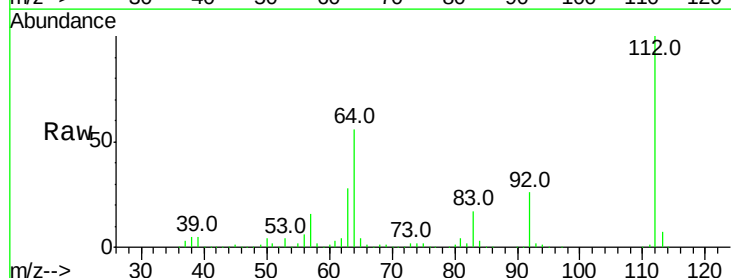
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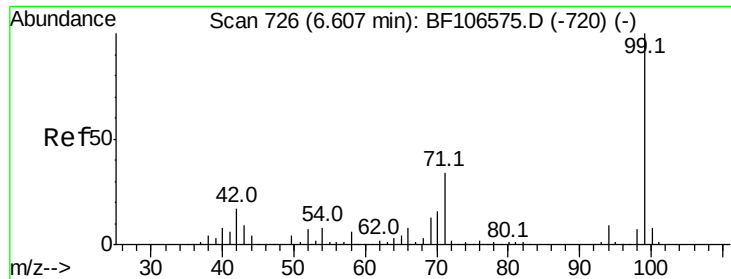


#5

2-Fluorophenol
Concen: 100.047 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	27.6	23.7	35.5





#7

Phenol-d6

Concen: 100.128 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107130.D

Acq: 5 Jul 2018 16:46

Instrument :

BNA_F

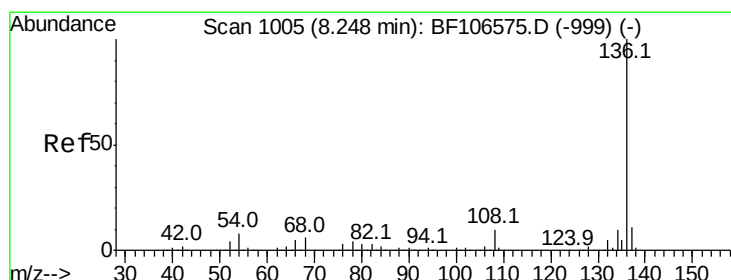
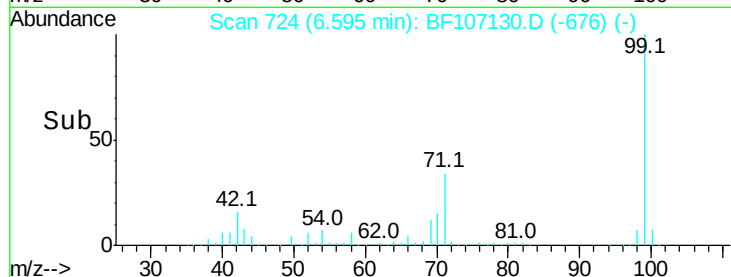
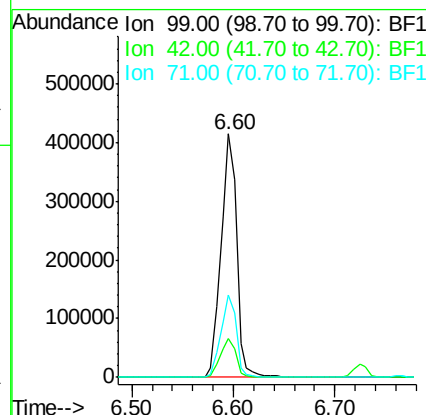
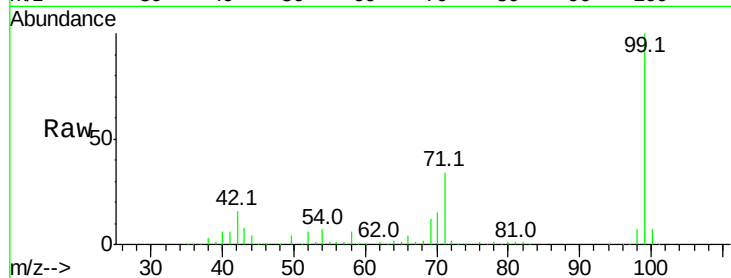
ClientSampled :

B-8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		447235		
42	16.2	14.5	21.7		
71	34.0	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

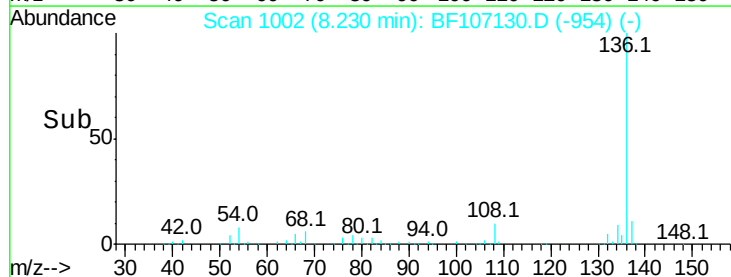
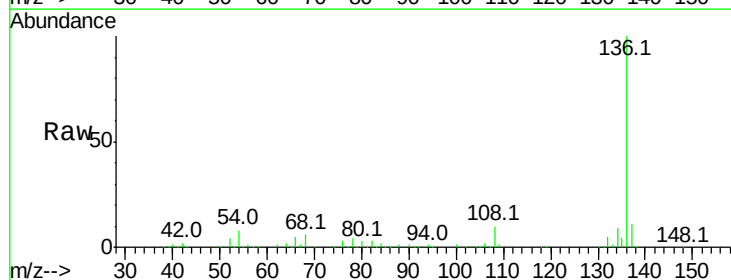
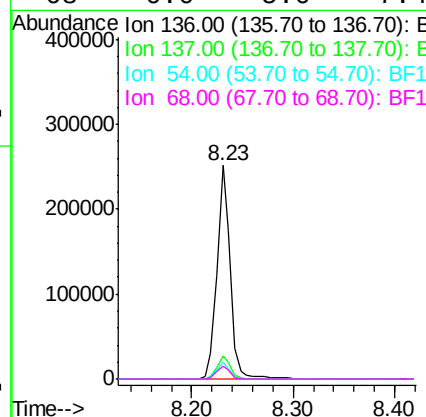
RT: 8.23 min Scan# 1002

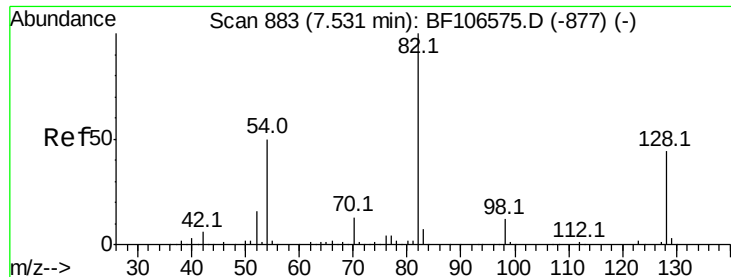
Delta R.T. -0.02 min

Lab File: BF107130.D

Acq: 5 Jul 2018 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		229561		
137	10.8	8.9	13.3		
54	8.0	6.6	9.8		
68	6.0	5.0	7.4		





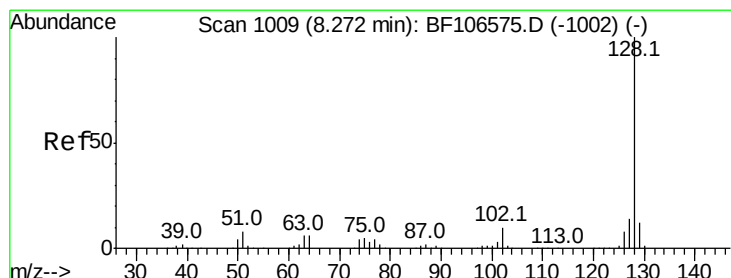
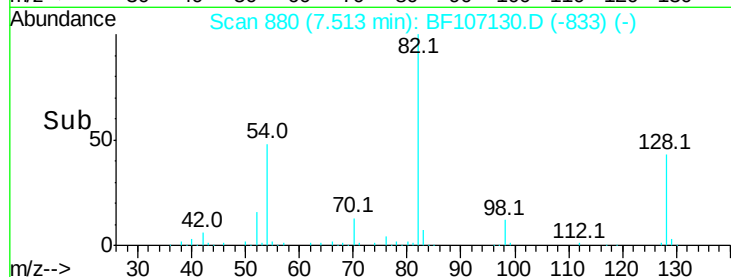
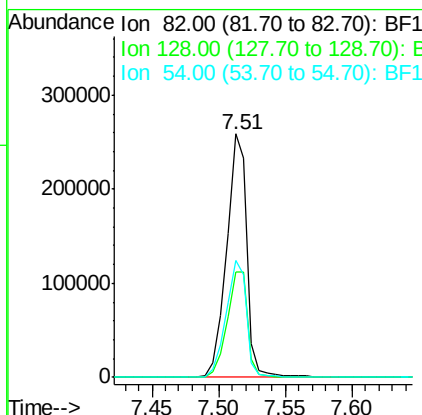
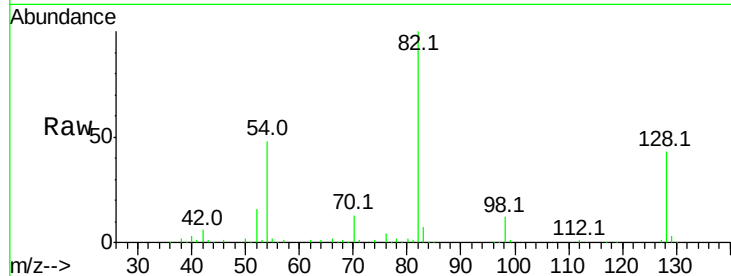
#23
 Nitrobenzene-d5
 Concen: 67.089 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107130.D
 Acq: 5 Jul 2018 16:46

Instrument :
 BNA_F
 ClientSampled :
 B-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	48.0	41.4	62.2

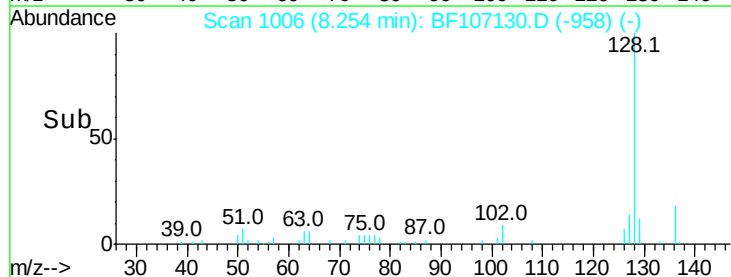
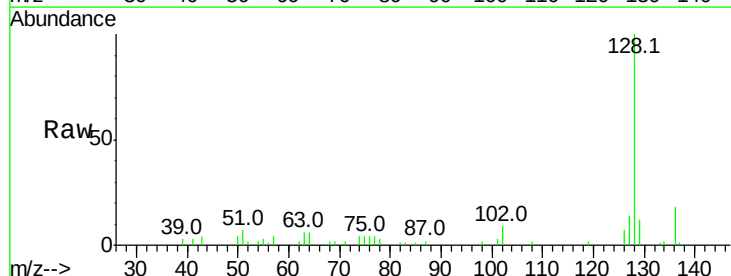
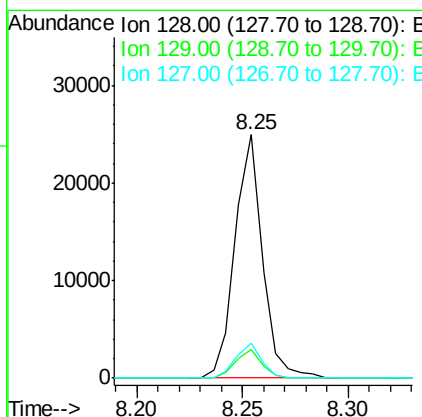
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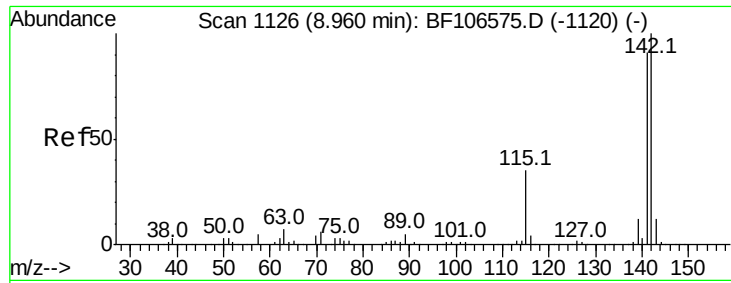
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#31
 Naphthalene
 Concen: 2.079 ng
 RT: 8.25 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF107130.D
 Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.2	10.9	16.3





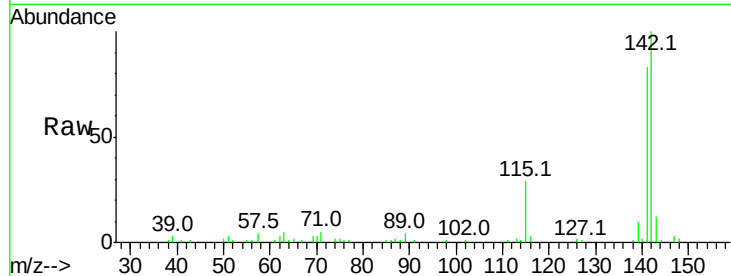
#37
2-Methylnaphthalene
Concen: 7.450 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Instrument :
BNA_F
ClientSampled :
B-8

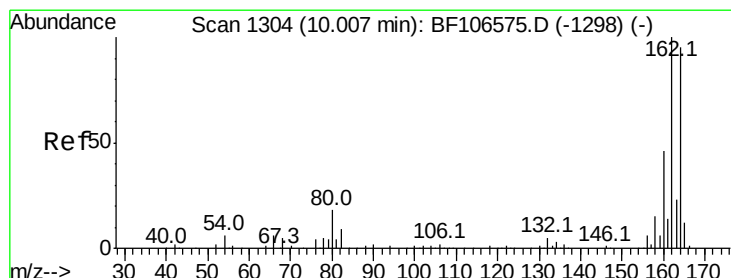
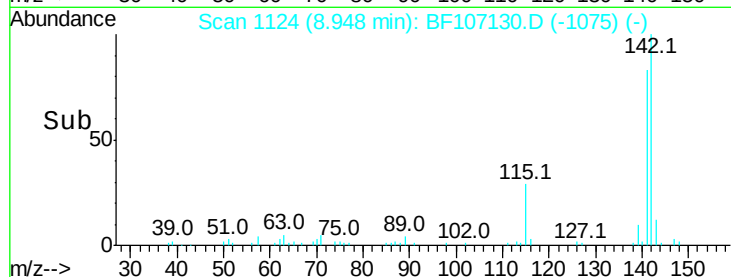
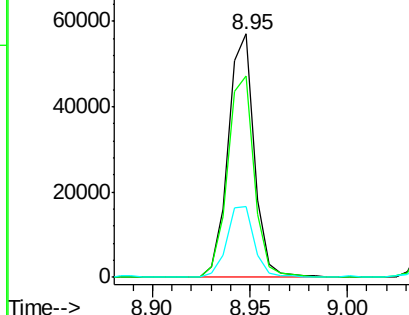
Tot Ion	Ratio	Lower	Upper
142	100		
141	82.8	70.8	106.2
115	29.2	26.1	39.1

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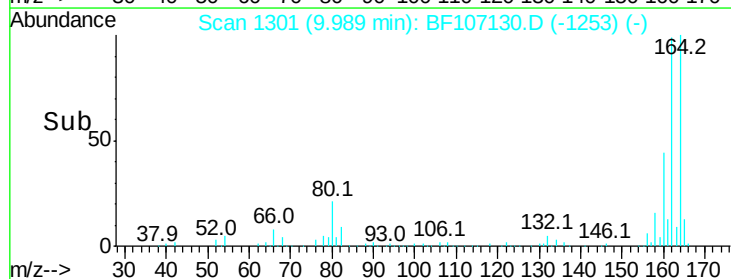
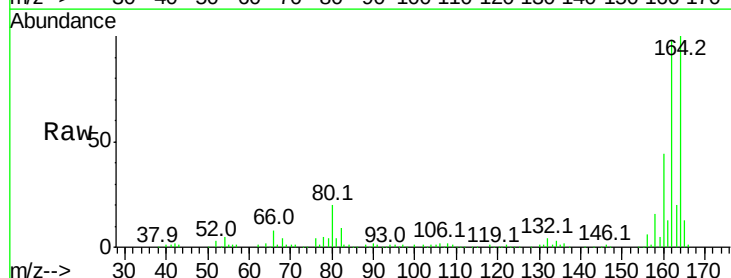
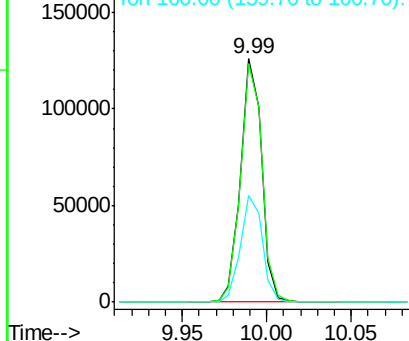
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

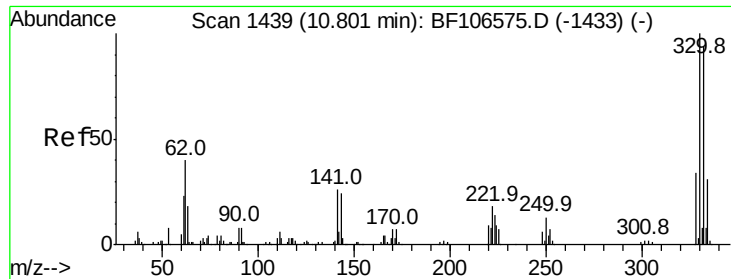


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	43.8	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





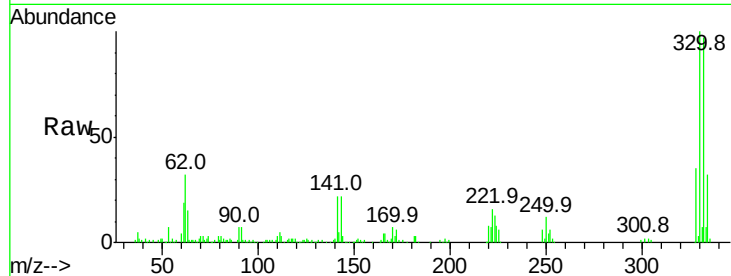
#41
 2,4,6-Tribromophenol
 Concen: 99.564 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107130.D
 Acq: 5 Jul 2018 16:46

Instrument :
 BNA_F
 ClientSampled :
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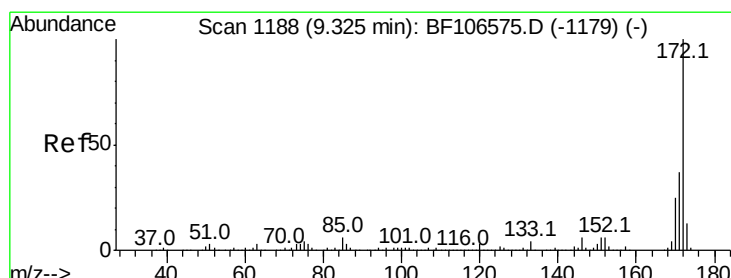
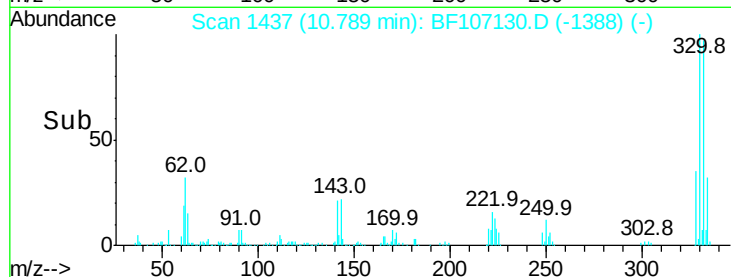
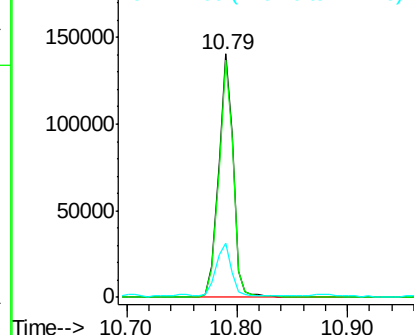
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	23.2	29.9	44.9	

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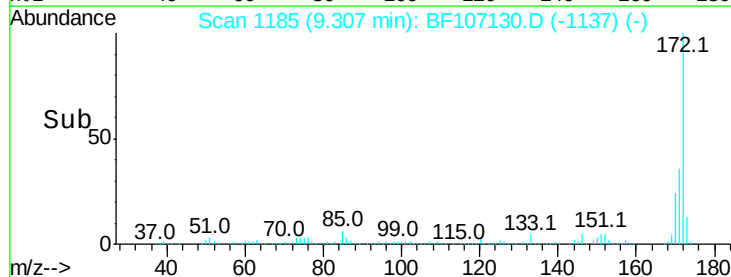
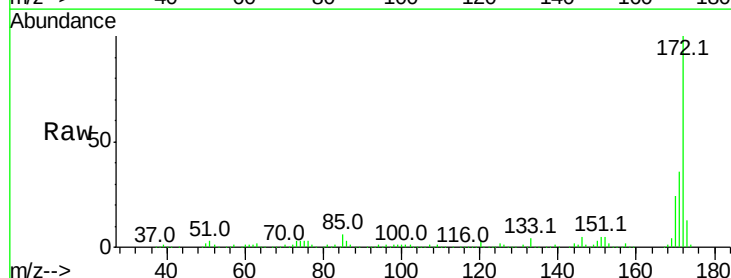
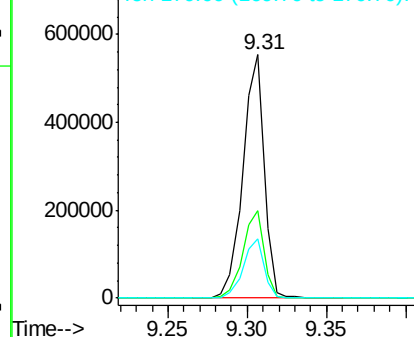
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

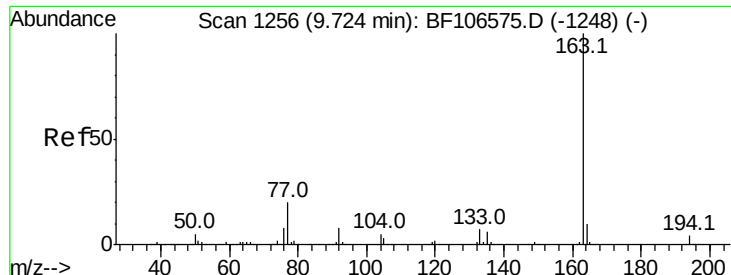


#44
 2-Fluorobiphenyl
 Concen: 78.126 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107130.D
 Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	24.3	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





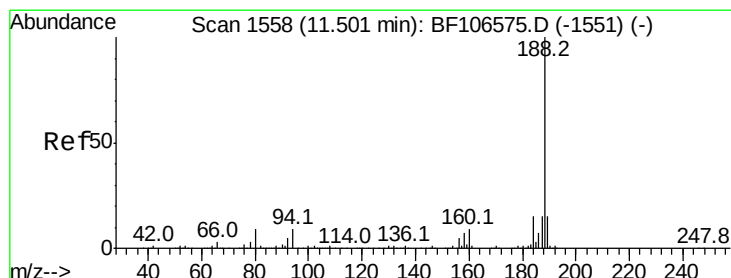
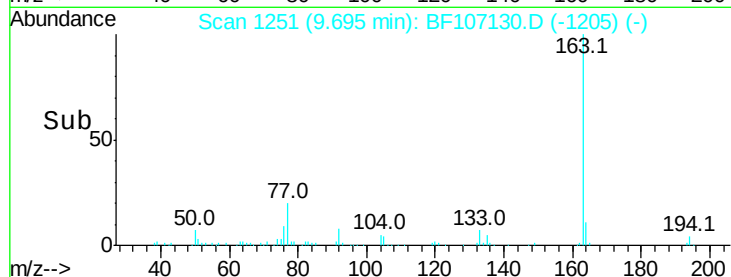
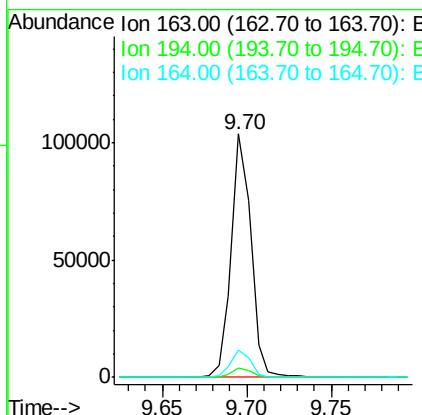
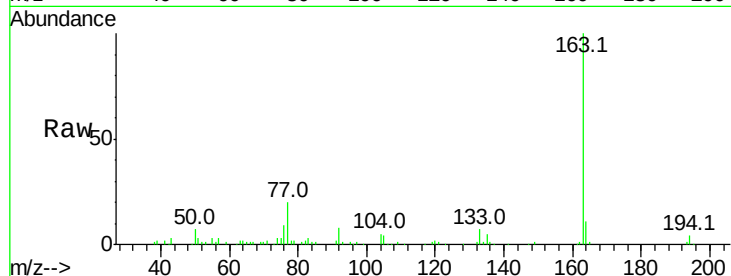
#49
Dimethylphthalate
Concen: 10.217 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.2	8.2	12.2

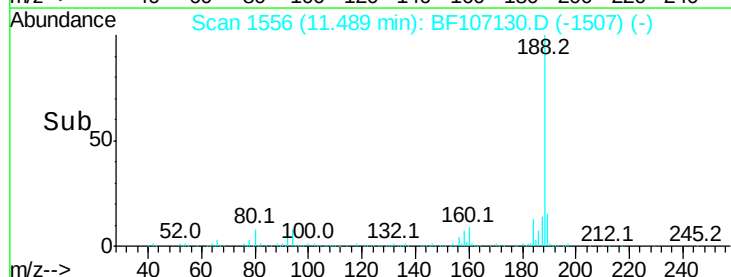
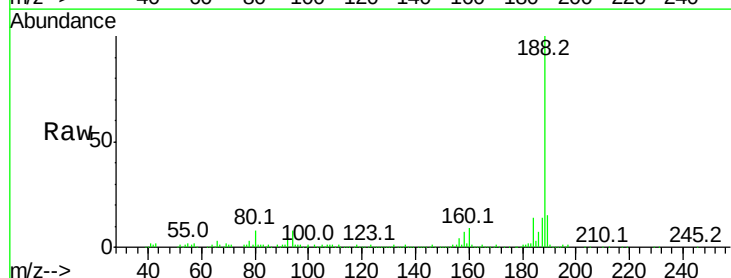
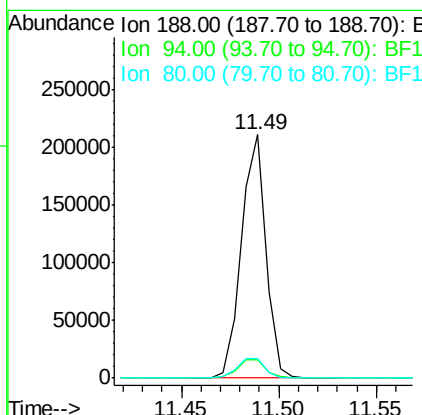
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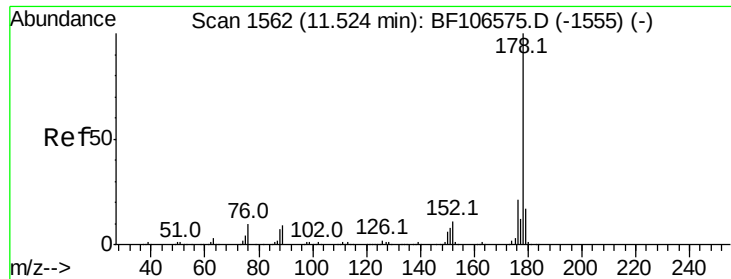
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.3	9.2	13.8#





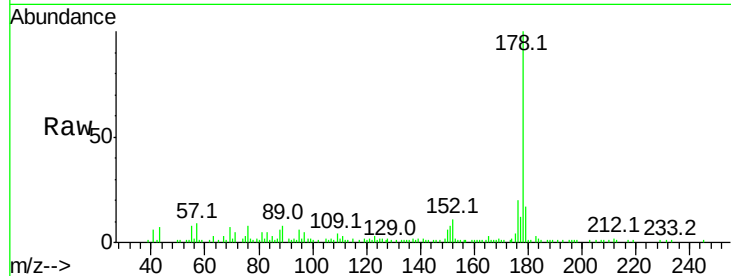
#70
Phenanthrene
Concen: 5.992 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Instrument :
BNA_F
ClientSampled :
B-8

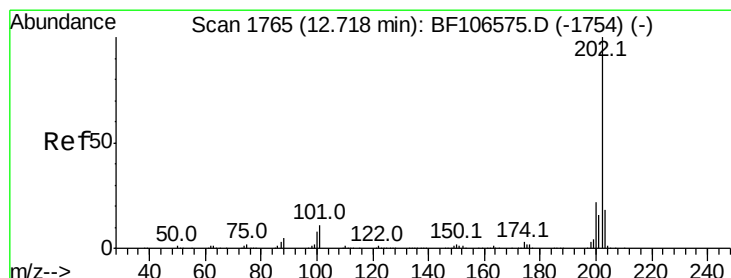
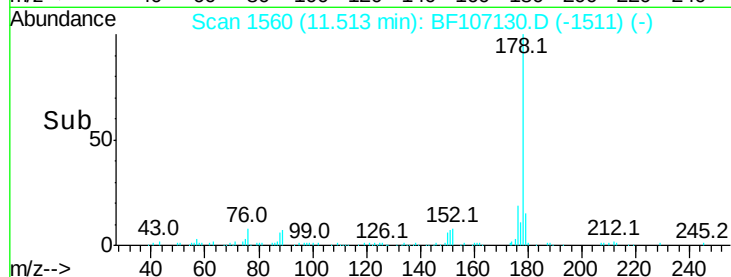
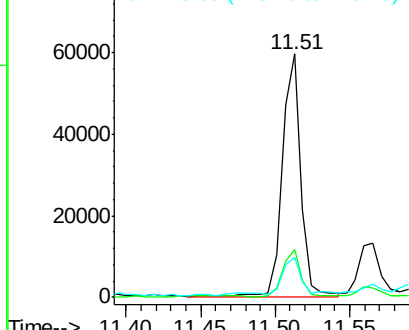
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.5	13.0	19.6

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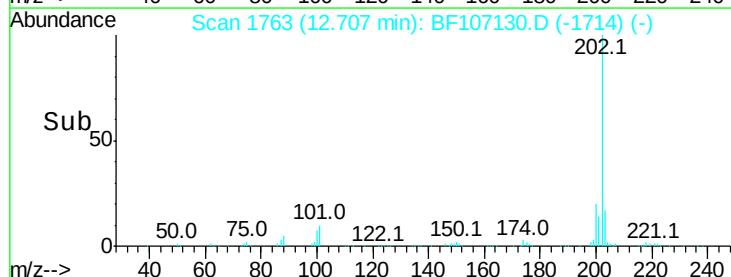
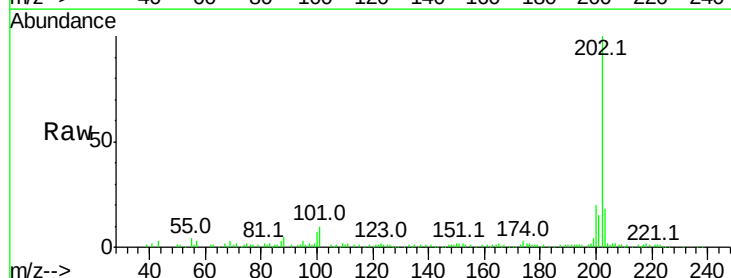
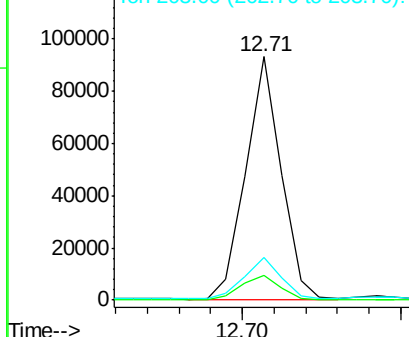
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

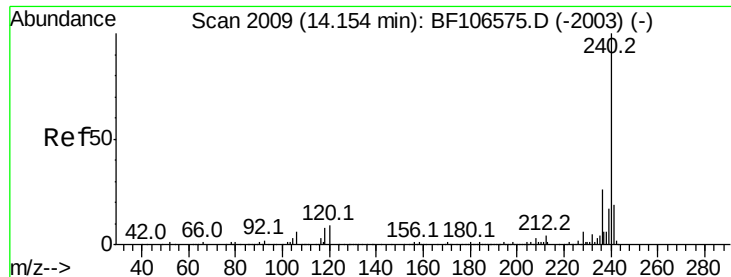


#74
Fluoranthene
Concen: 7.378 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.7	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107130.D

Acq: 5 Jul 2018 16:46

Instrument :

BNA_F

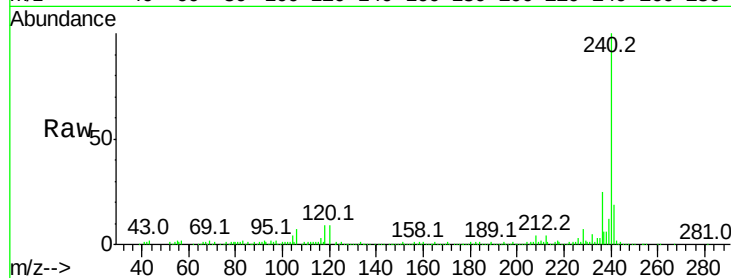
ClientSampled :

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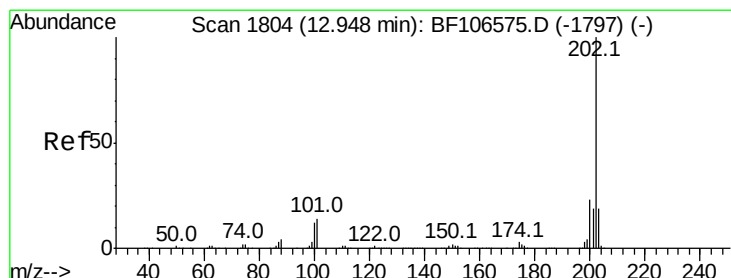
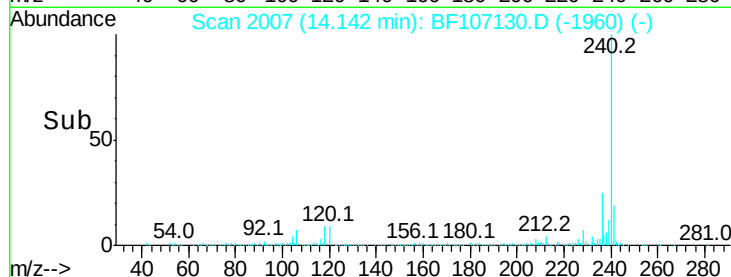
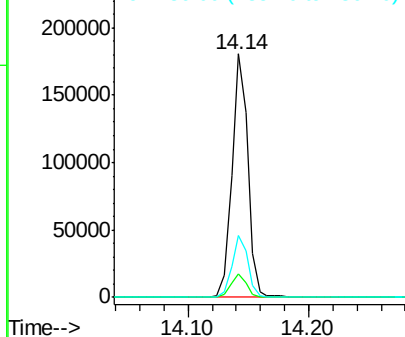
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	25.3	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.626 ng

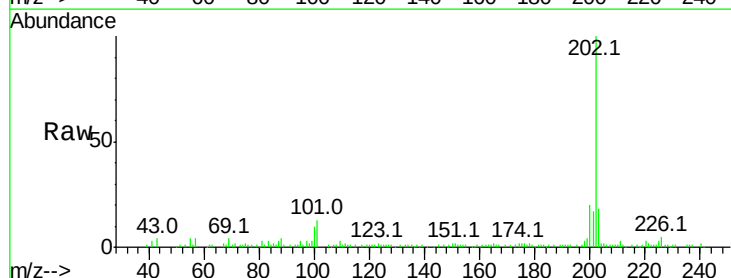
RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

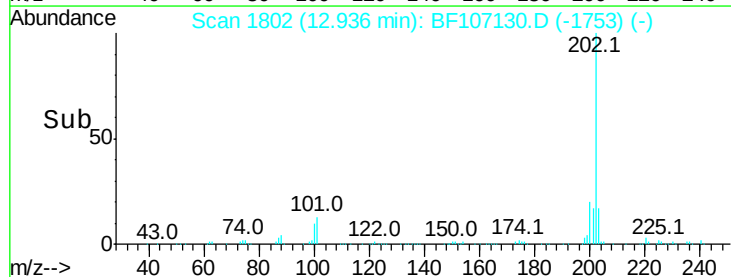
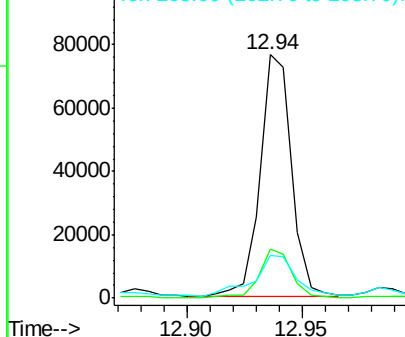
Lab File: BF107130.D

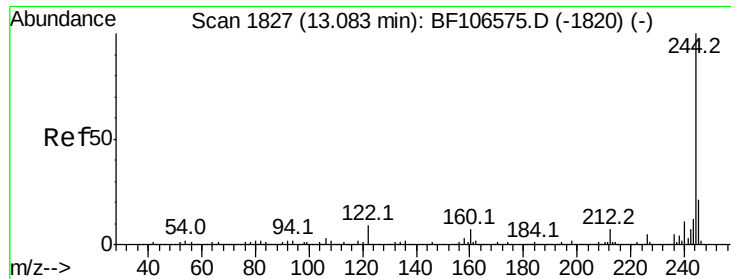
Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.6	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





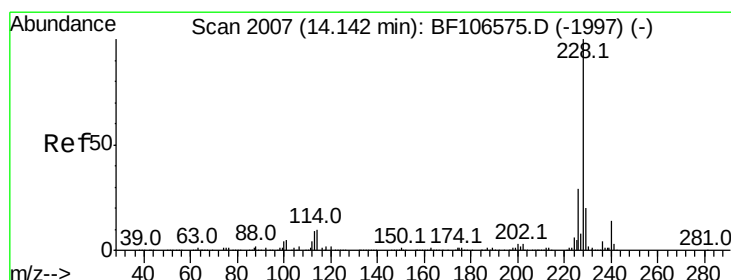
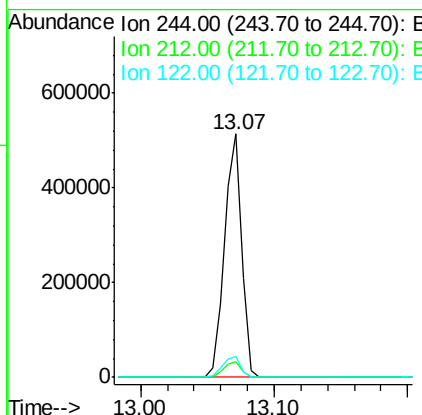
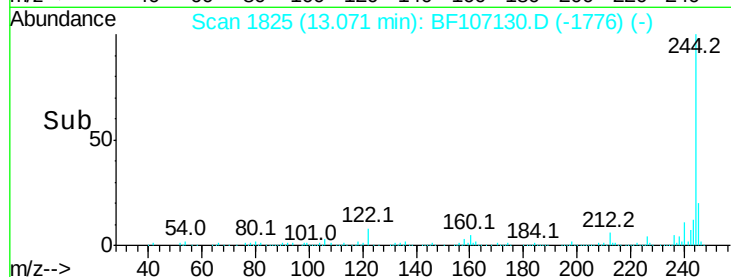
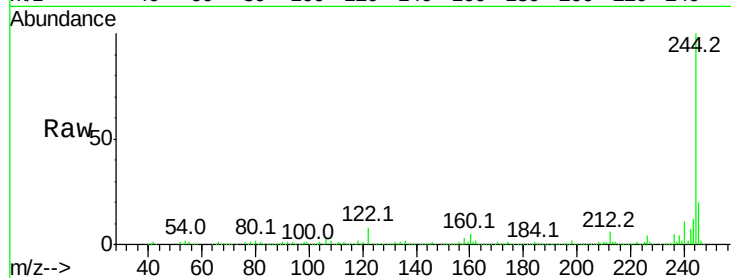
#78
 Terphenyl-d14
 Concen: 68.514 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107130.D
 Acq: 5 Jul 2018 16:46

Instrument :
 BNA_F
 ClientSampled :
 B-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.5	11.0	16.4

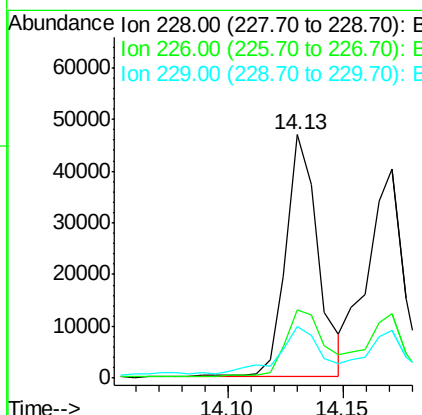
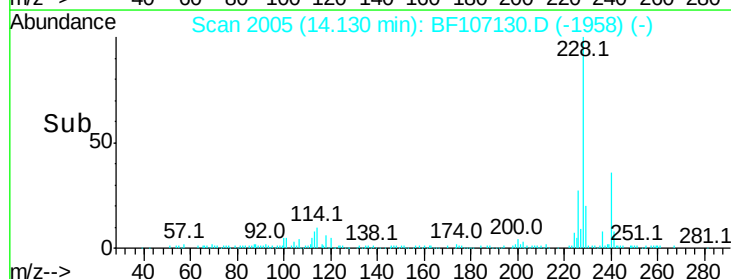
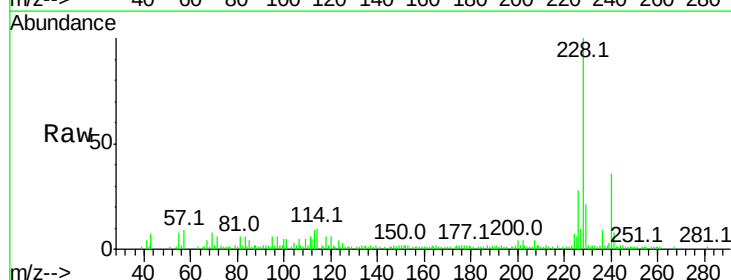
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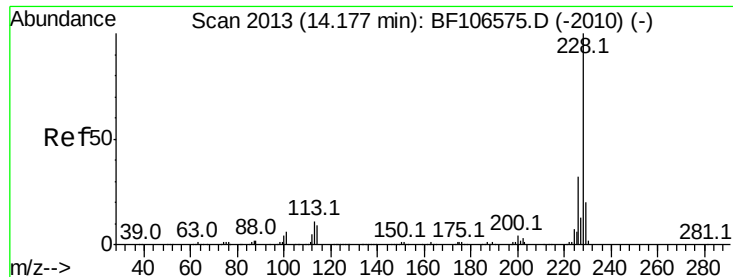
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#80
 Benzo(a)anthracene
 Concen: 4.473 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF107130.D
 Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.2	15.8	23.6





#82

Chrysene

Concen: 4.652 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF107130.D

Acq: 5 Jul 2018 16:46

Instrument :

BNA_F

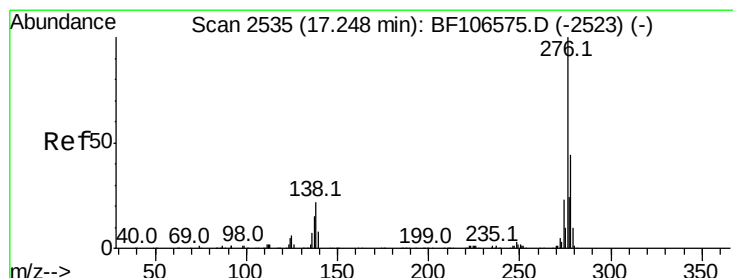
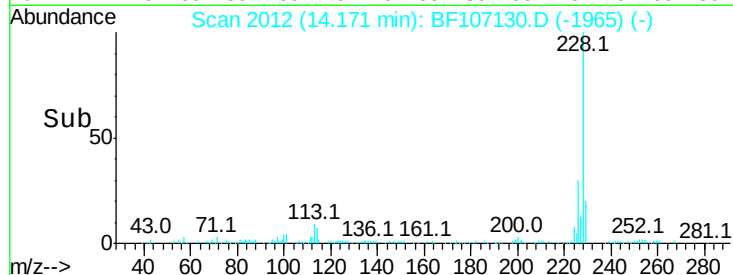
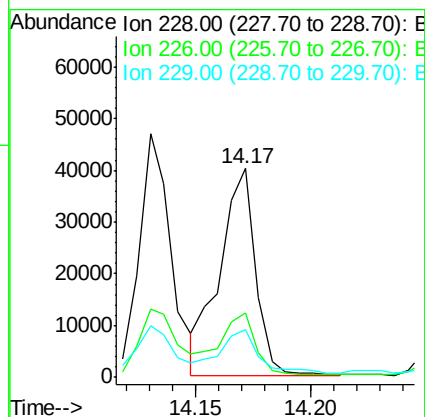
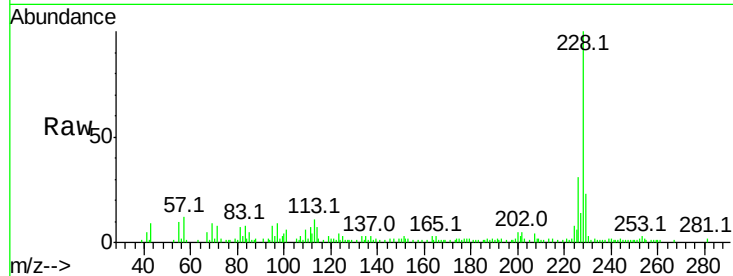
ClientSampled :

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Tot Ion:	228	Resp:	43157
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	23.1	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.463 ng

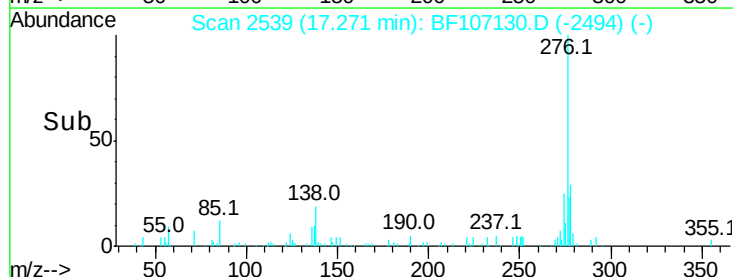
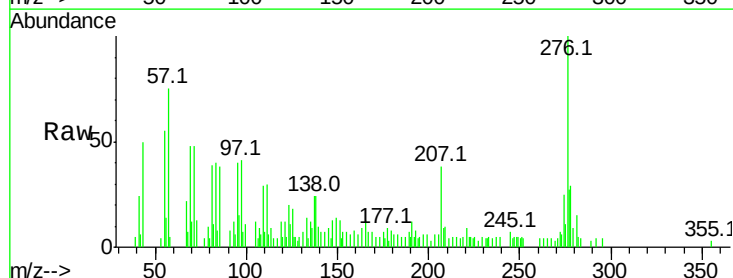
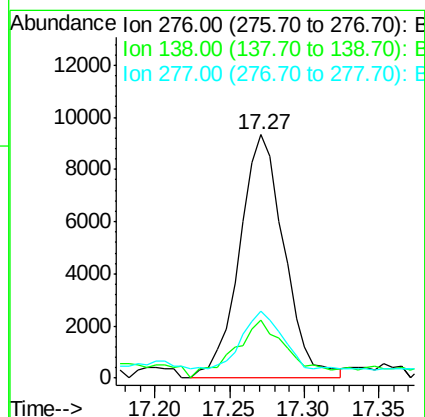
RT: 17.27 min Scan# 2539

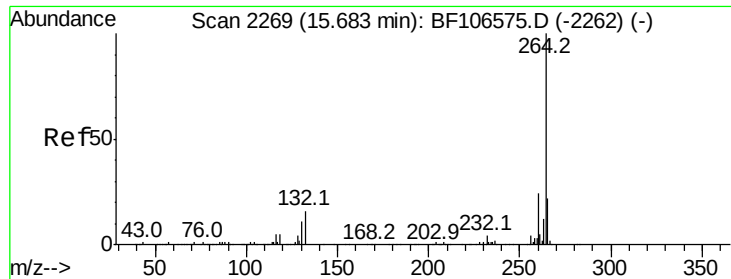
Delta R.T. -0.04 min

Lab File: BF107130.D

Acq: 5 Jul 2018 16:46

Tgt Ion:	276	Resp:	19390
Ion Ratio	Lower	Upper	
276	100		
138	28.1	25.0	37.6
277	22.6	20.1	30.1





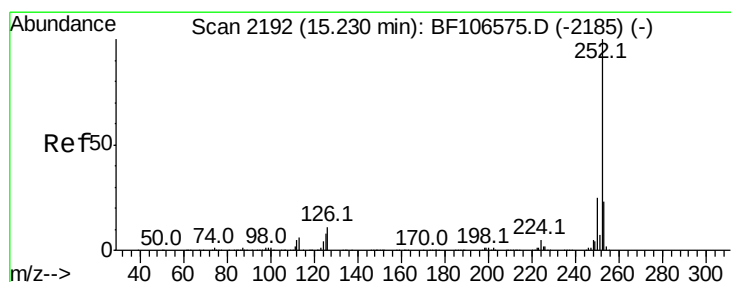
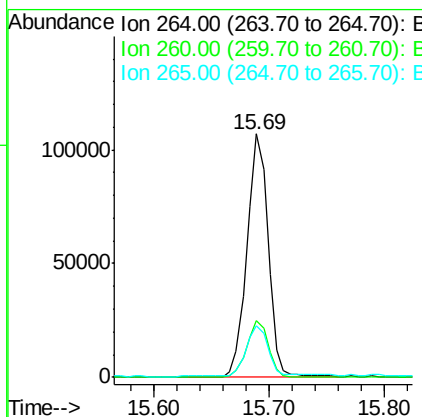
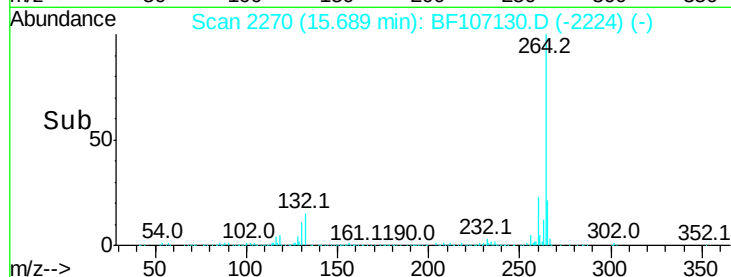
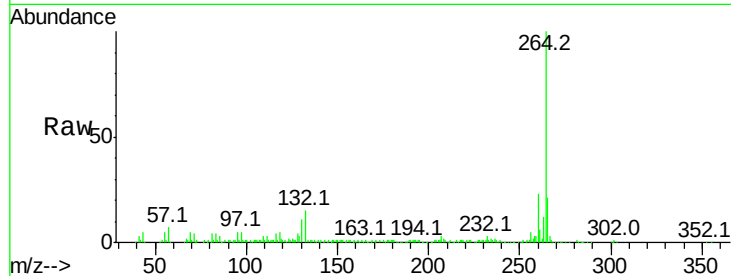
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Instrument :
BNA_F
ClientSampled :
B-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

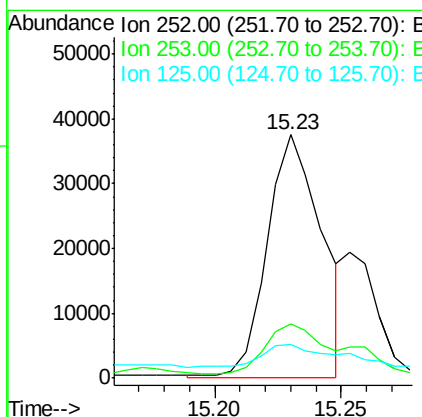
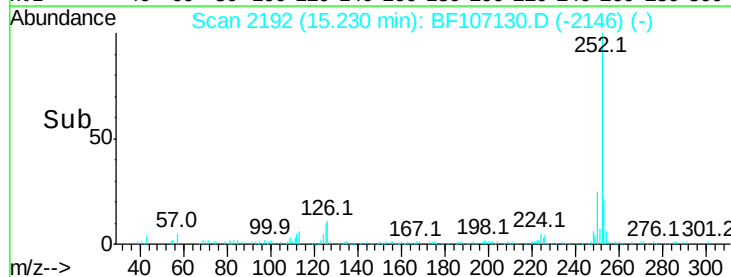
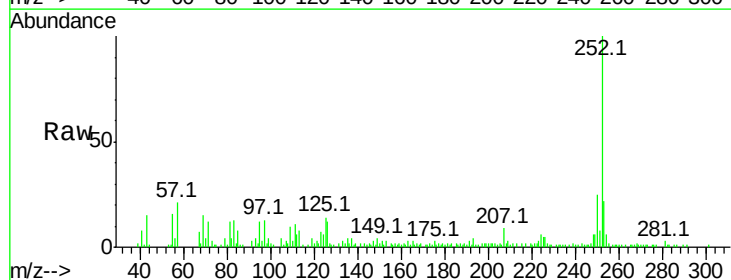
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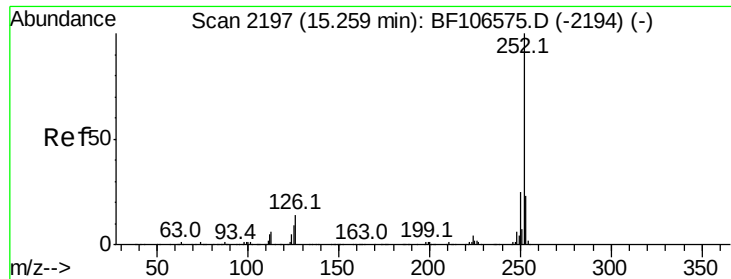
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#87
Benzo(b)fluoranthene
Concen: 6.598 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.9	9.0	13.6#





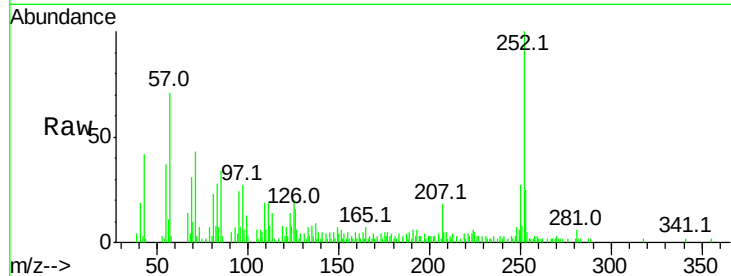
#88
Benzo(k)fluoranthene
Concen: 2.330 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Instrument :
BNA_F
ClientSampled :
B-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	19.6	10.2	15.2

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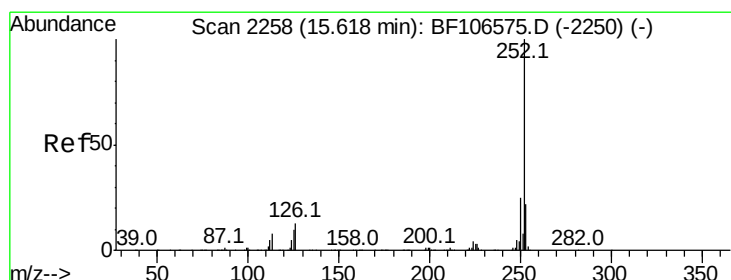
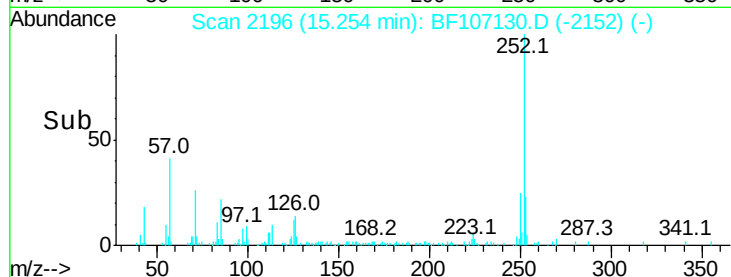
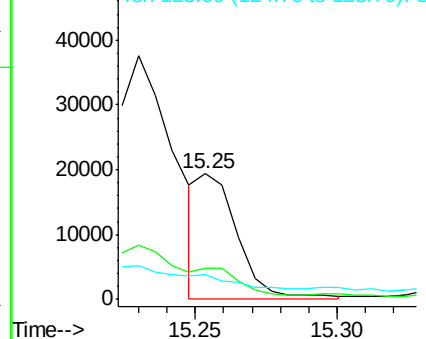


Abundance

Ion 252.00 (251.70 to 252.70): E

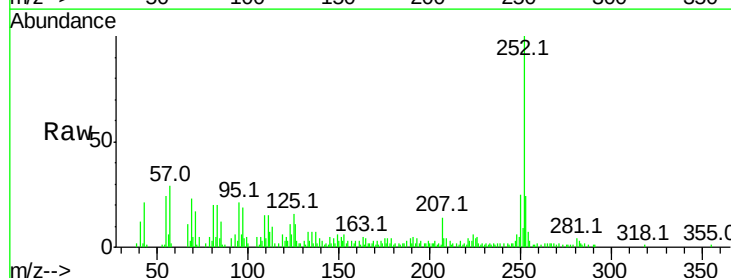
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 4.572 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107130.D
Acq: 5 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	15.6	9.8	14.6

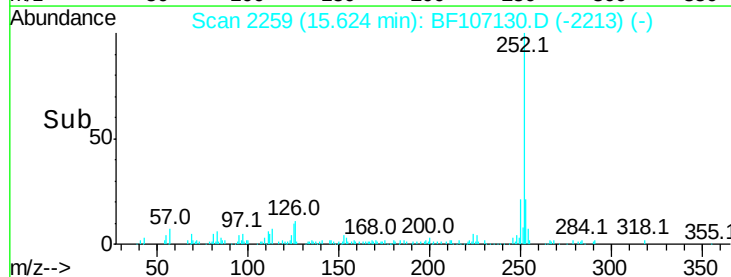
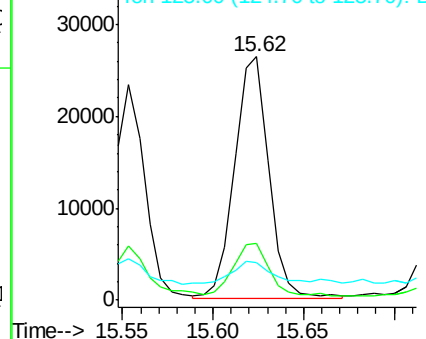


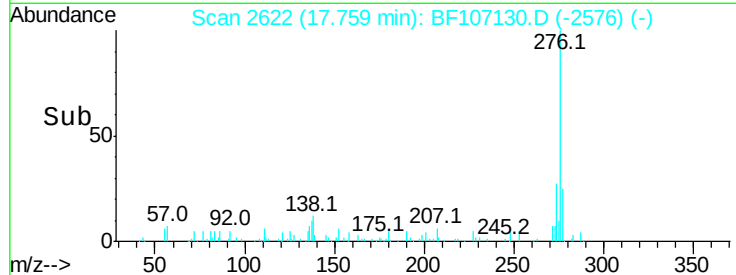
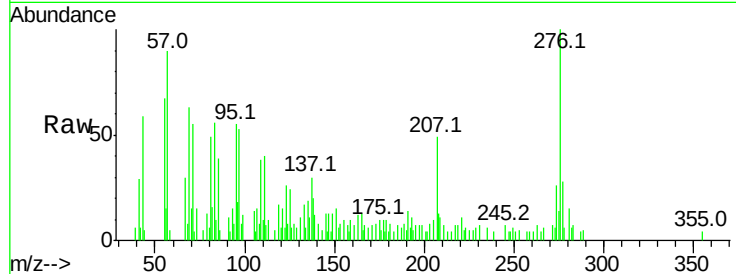
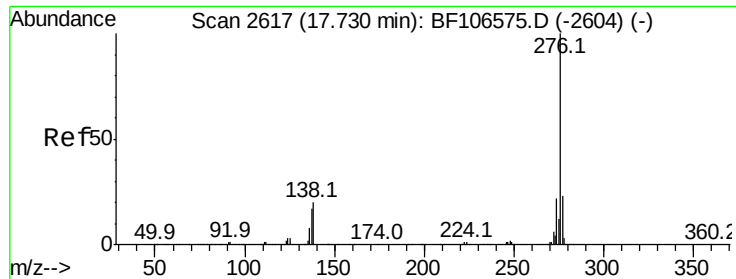
Abundance

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





#91
 Benzo(a,h,i)perylene
 Concen: 2.763 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. -0.03 min
 Lab File: BF107130.D
 Acq: 5 Jul 2018 16:46

Instrument :
 BNA_F
 ClientSampleId :
 B-8

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	19.9	21.8	32.8#

Manual Integrations
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 7/6/2018 8:45:23 AM

