

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101151.D
 Acq On : 6 Dec 2017 4:14
 Operator : SJ/JU
 Sample : I6702-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(0-1)

Manual Integrations
 APPROVED

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 12/6/2017 5:12:43 PM

Quant Time: Dec 06 06:03:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55941	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	213984	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	97106	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	171694	20.00	ng	0.00
75) Chrysene-d12	14.02	240	110824	20.00	ng	0.00
86) Perylene-d12	15.49	264	117556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	353135	104.31	ng	0.01
7) Phenol-d6	6.48	99	428405	104.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	261203	72.82	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	109308	93.70	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	542357	76.42	ng	0.00
78) Terphenyl-d14	12.96	244	421671	83.22	ng	0.00
Target Compounds						
10) Phenol	6.49	94	10203	2.233	ng	87
49) Dimethylphthalate	9.60	163	39854	5.089	ng	# 97
74) Fluoranthene	12.59	202	45241	4.317	ng	95
77) Pyrene	12.82	202	44522	5.822	ng	99
80) Benzo(a)anthracene	14.00	228	27937	3.993	ng	95
82) Chrysene	14.04	228	25533	3.929	ng	100
85) Indeno(1,2,3-cd)pyrene	16.97	276	16501	2.856	ng	# 90
87) Benzo(b)fluoranthene	15.06	252	35880m	5.096	ng	
88) Benzo(k)fluoranthene	15.09	252	14433m	2.081	ng	
89) Benzo(a)pyrene	15.43	252	26899	4.202	ng	96
91) Benzo(g,h,i)perylene	17.42	276	13891	2.612	ng	# 92

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

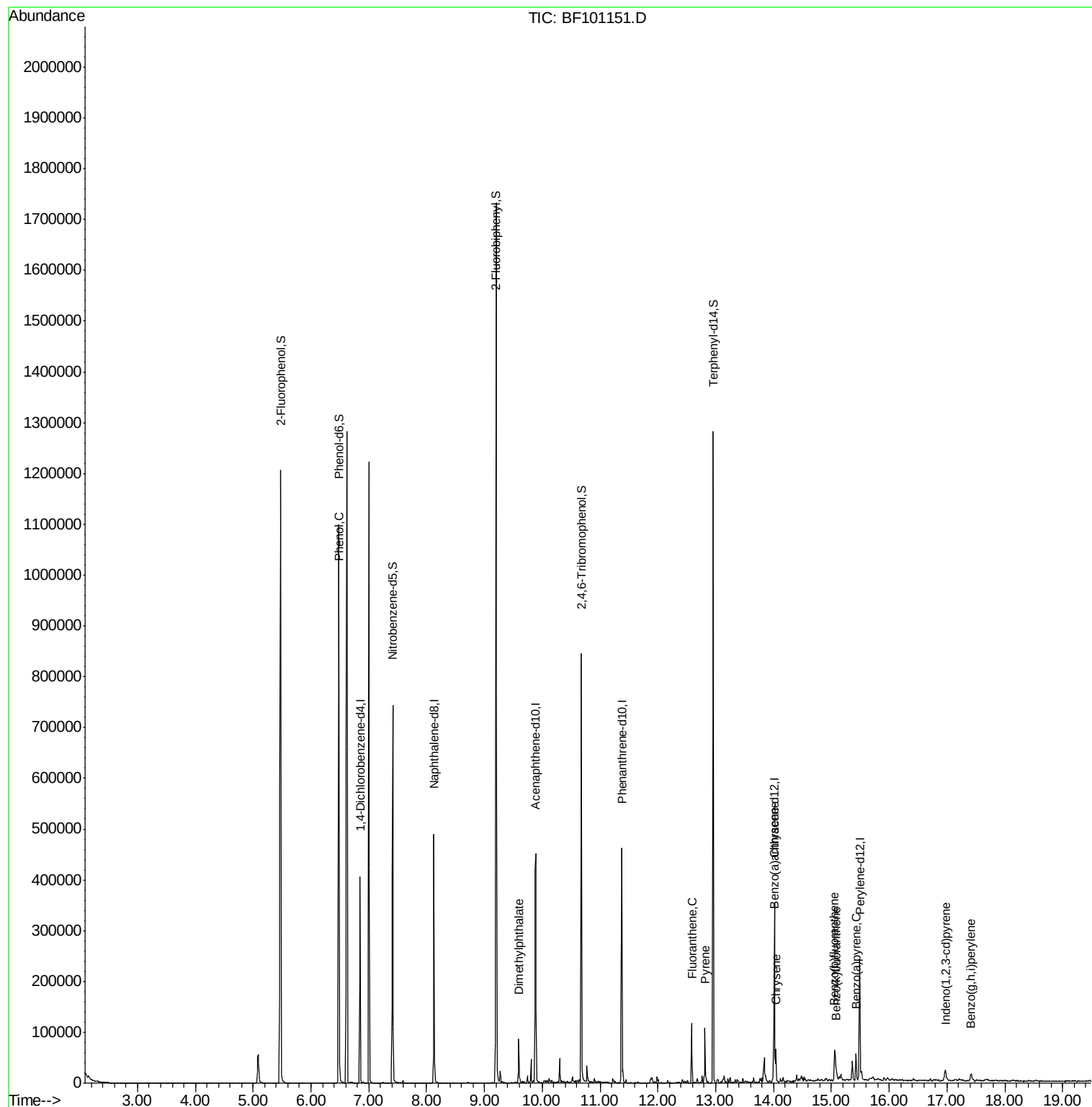
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101151.D
Acq On : 6 Dec 2017 4:14
Operator : SJ/JU
Sample : I6702-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

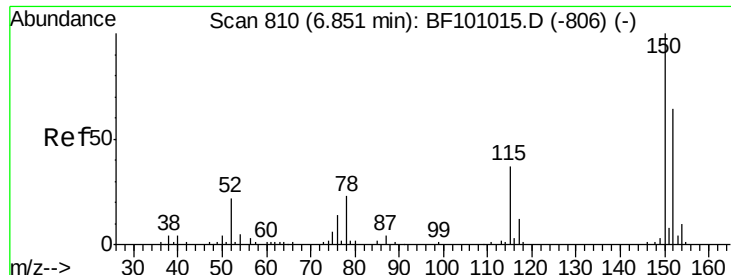
Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

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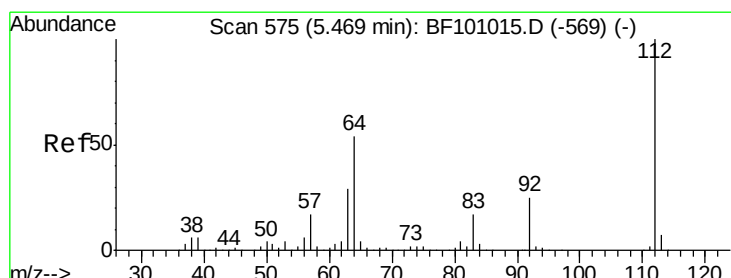
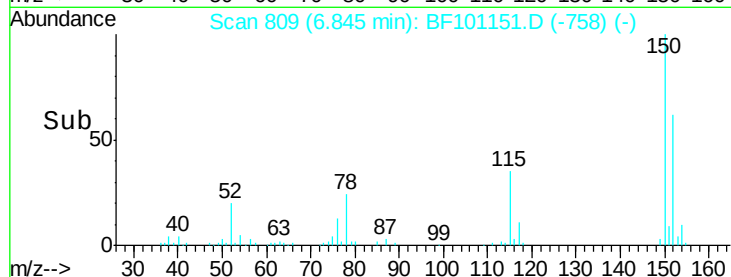
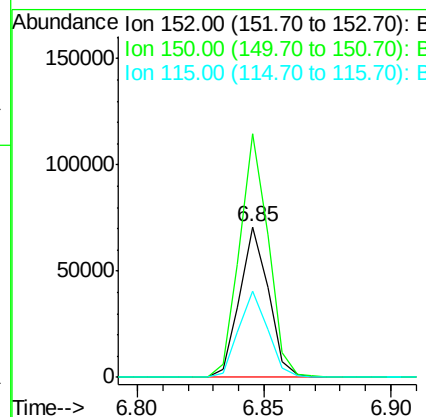
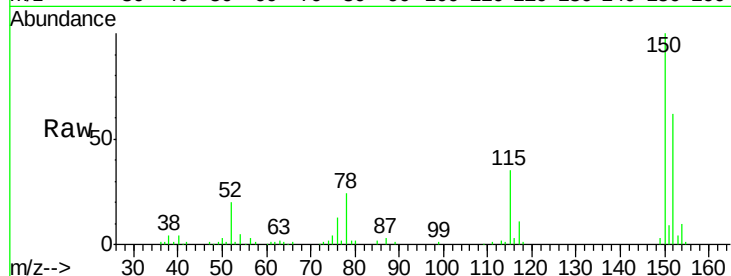
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	57.5	50.1	75.1

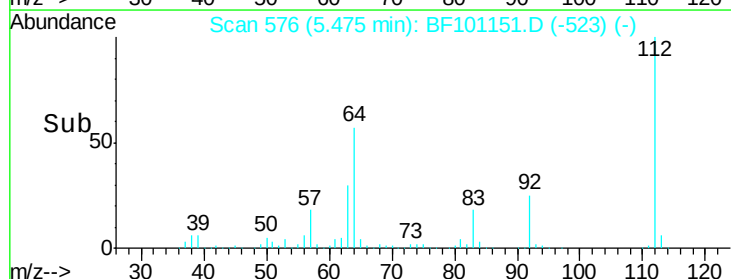
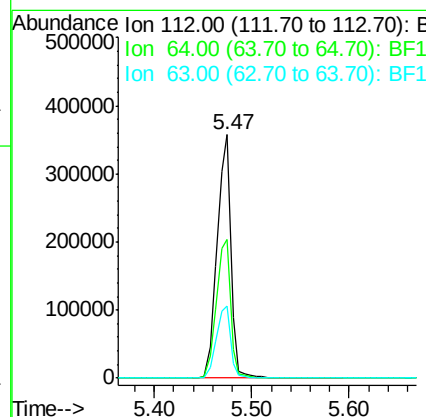
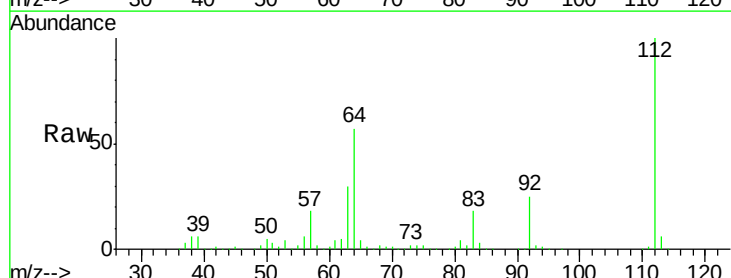
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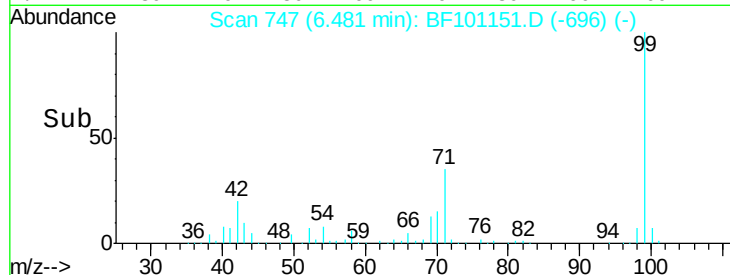
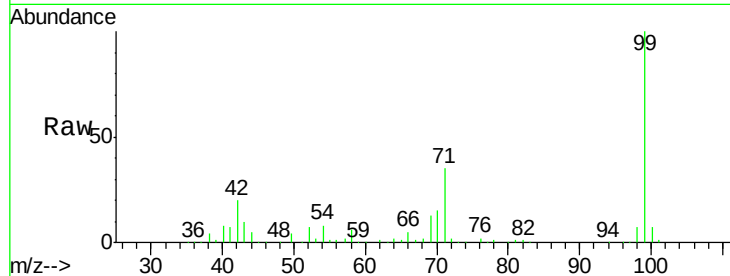
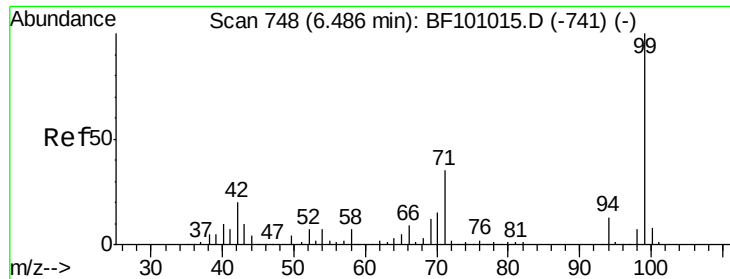
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#5
2-Fluorophenol
Concen: 104.313 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 104.231 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101151.D

Acq: 6 Dec 2017 4:14

Tot Ion:	99	Resp:	428405
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.5	21.7
71	35.1	25.4	38.0

Instrument :

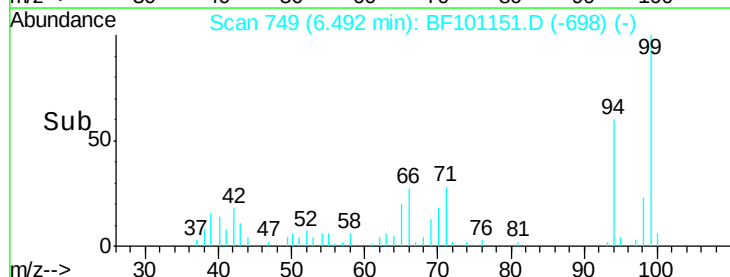
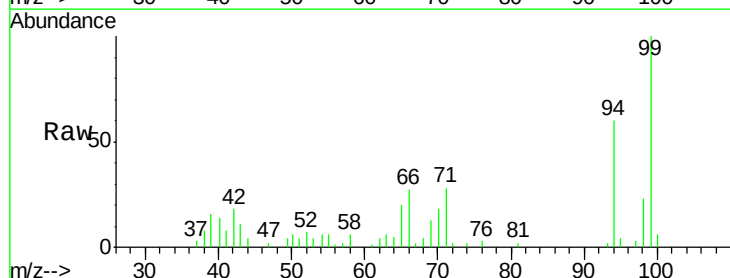
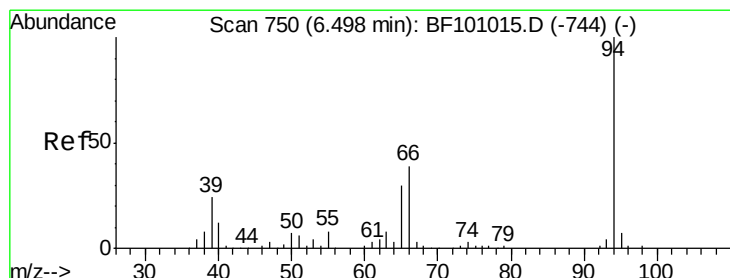
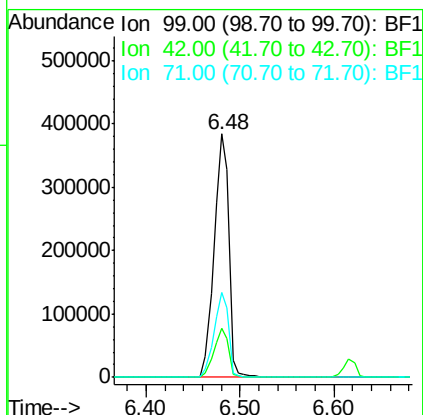
BNA_F

ClientSampled :

MH-1-E(0-1)

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#10

Phenol

Concen: 2.233 ng

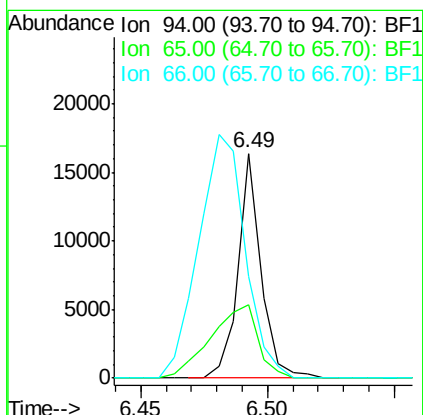
RT: 6.49 min Scan# 749

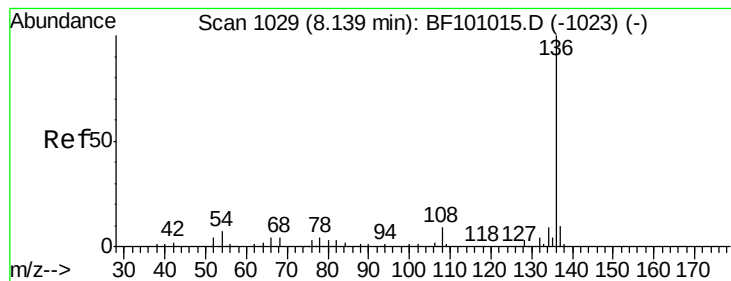
Delta R.T. 0.00 min

Lab File: BF101151.D

Acq: 6 Dec 2017 4:14

Tgt Ion:	94	Resp:	10203
Ion Ratio	Lower	Upper	
94	100		
65	32.7	7.9	47.9
66	45.2	16.2	56.2





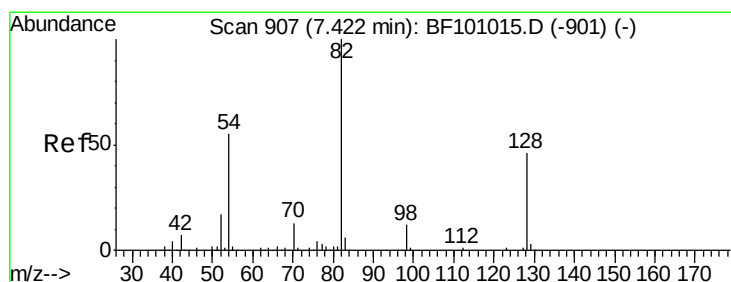
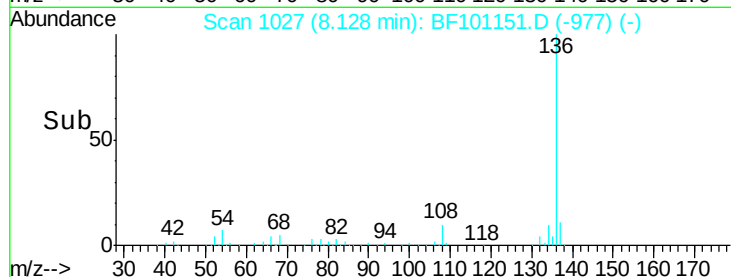
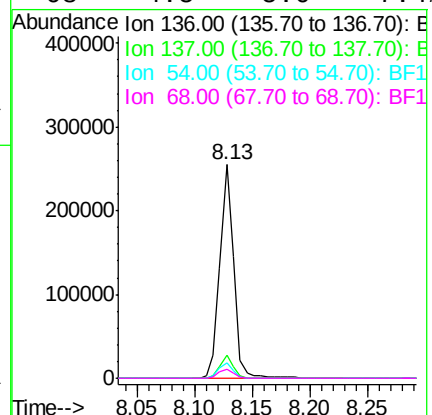
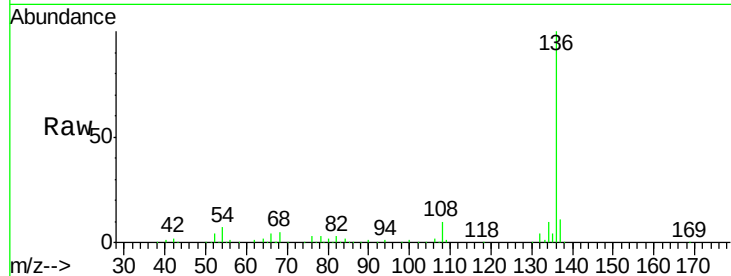
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	4.5	5.0	7.4#

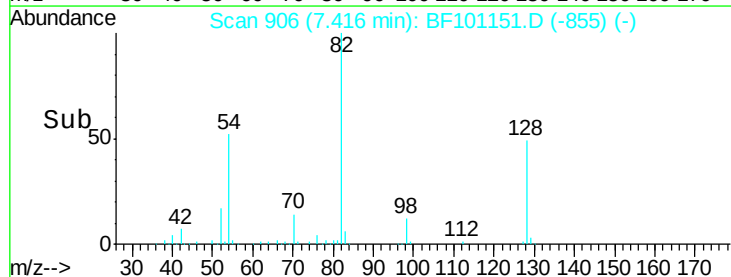
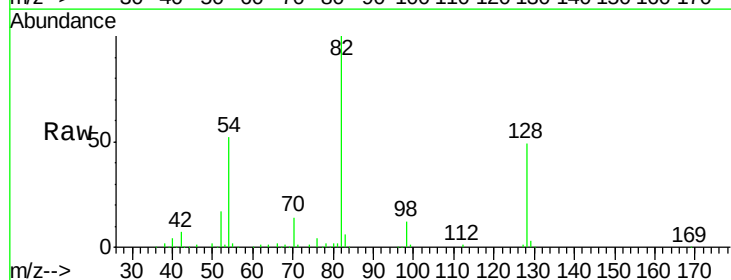
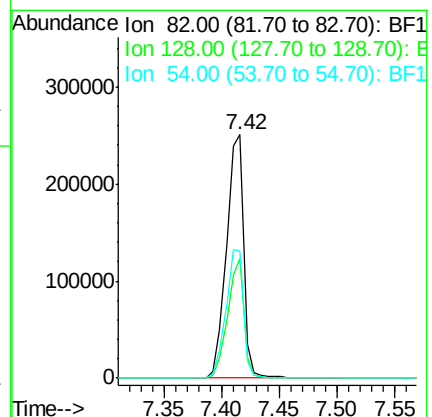
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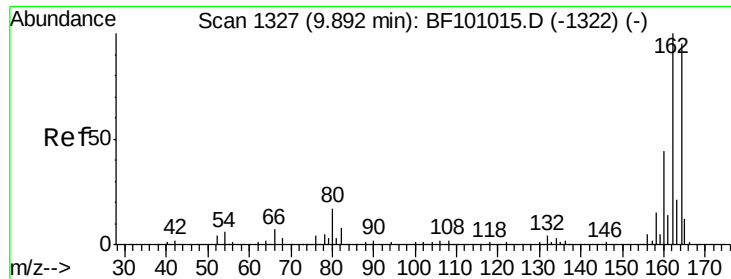
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#23
Nitrobenzene-d5
Concen: 72.817 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	52.1	41.4	62.2





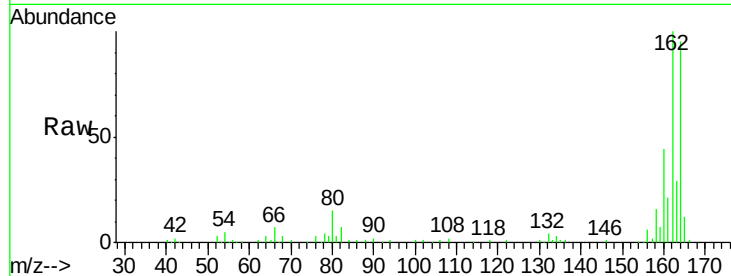
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

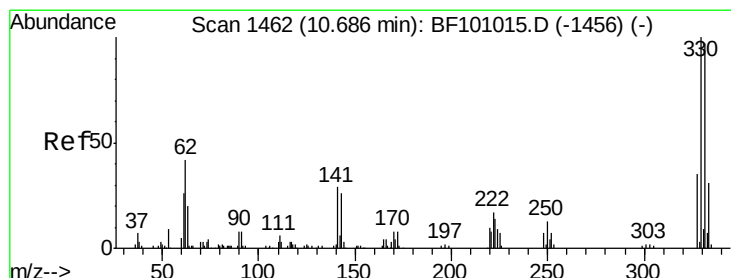
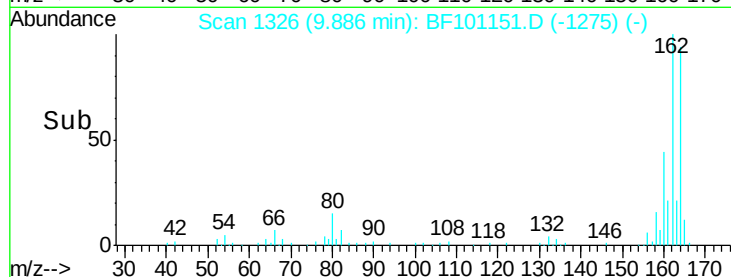
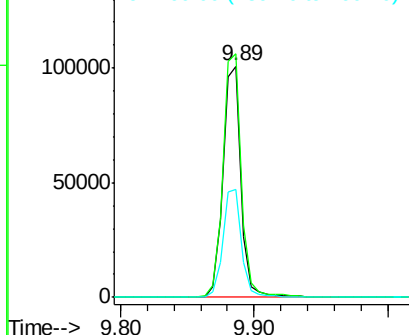
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	46.8	38.3	57.5

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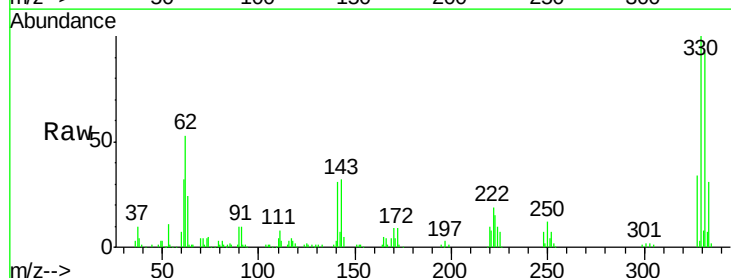


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

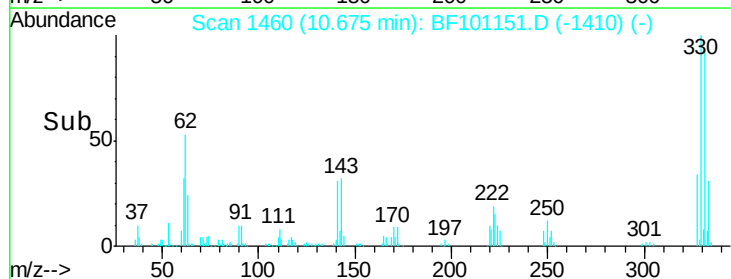
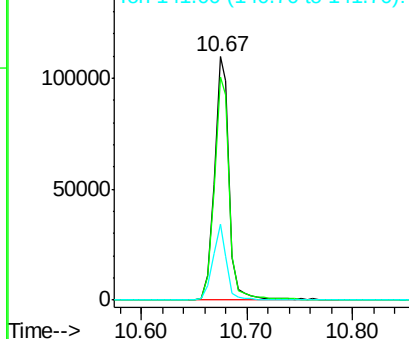


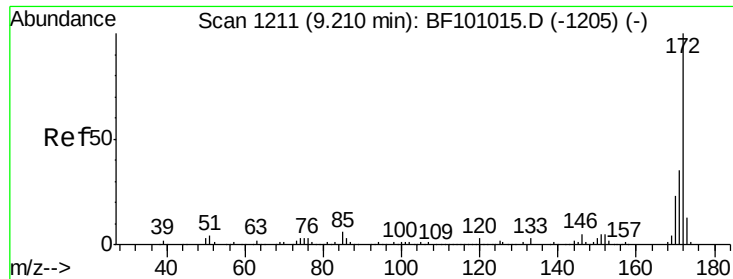
#41
2,4,6-Tribromophenol
Concen: 93.704 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	28.8	29.9	44.9#



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





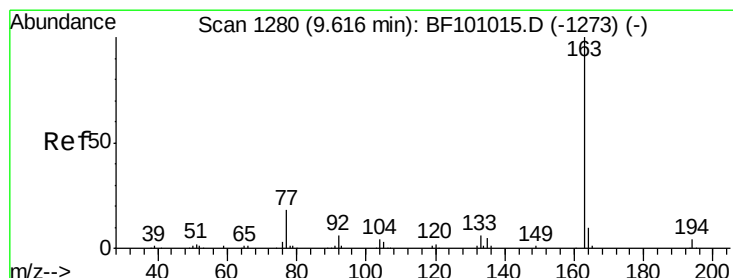
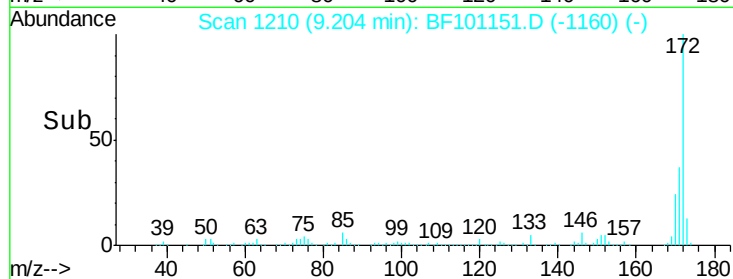
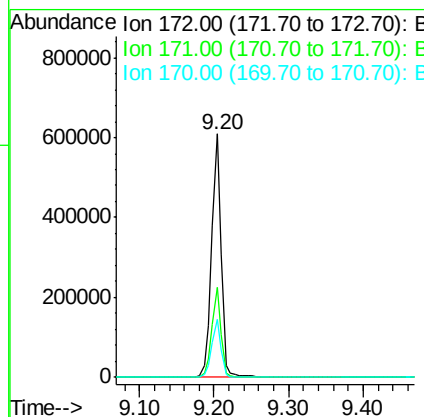
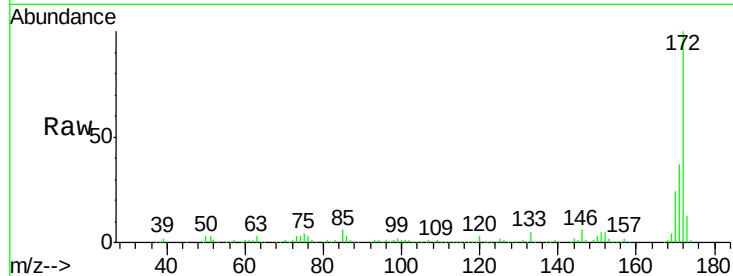
#44
2-Fluorobiphenyl
Concen: 76.417 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.9	19.6	29.4

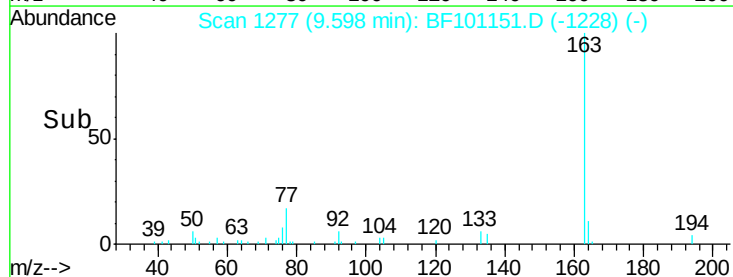
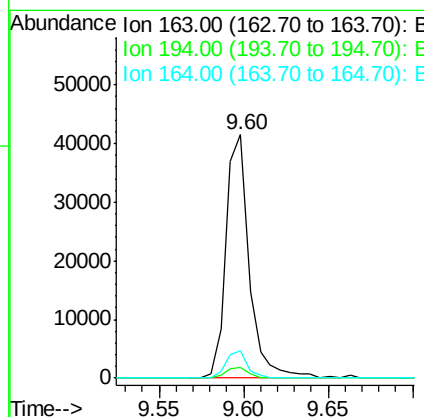
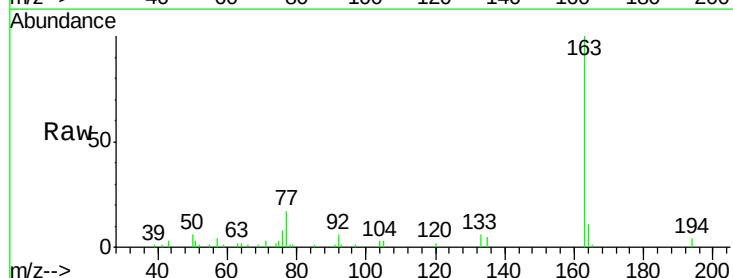
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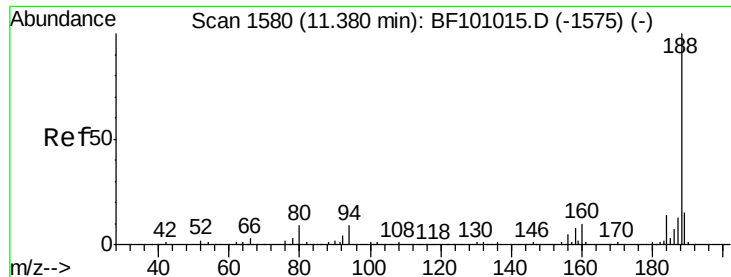
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#49
Dimethylphthalate
Concen: 5.089 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.2	8.2	12.2





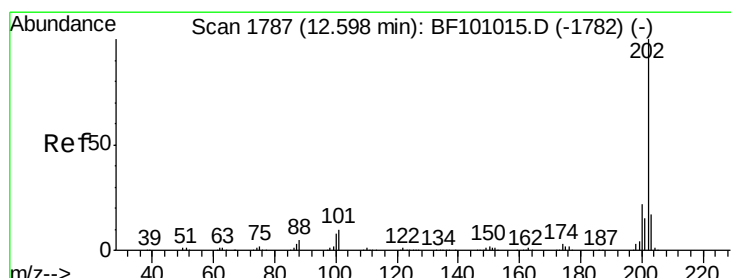
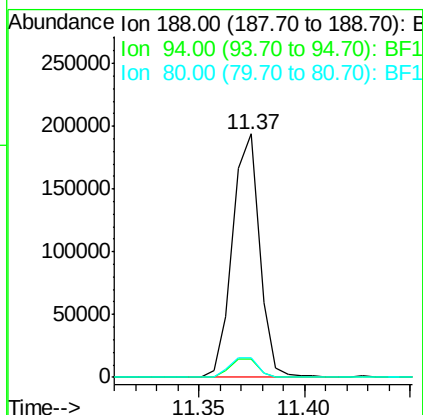
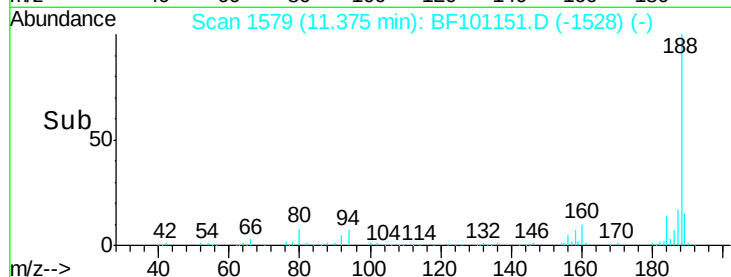
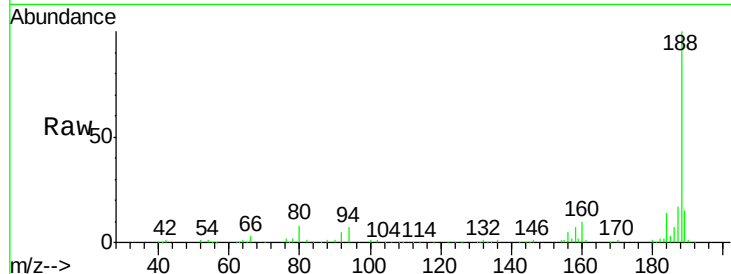
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Instrument :
BNA_F
ClientSampled :
MH-1-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	171694		
94	7.4	8.5	12.7#	
80	7.9	9.2	13.8#	

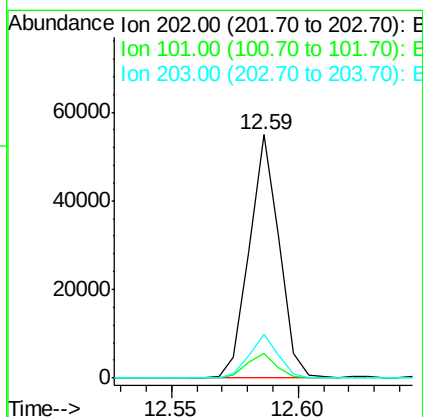
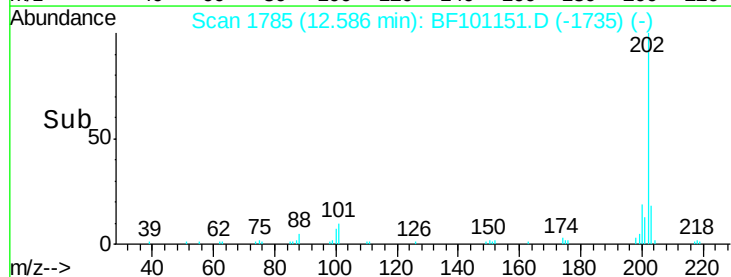
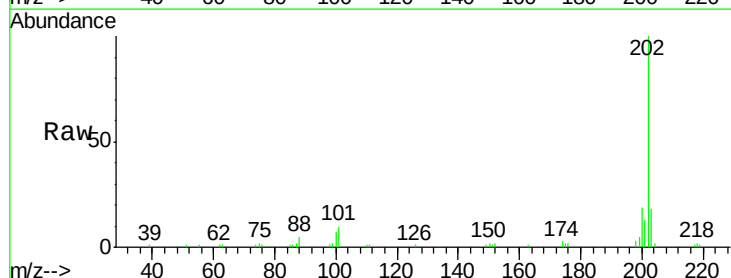
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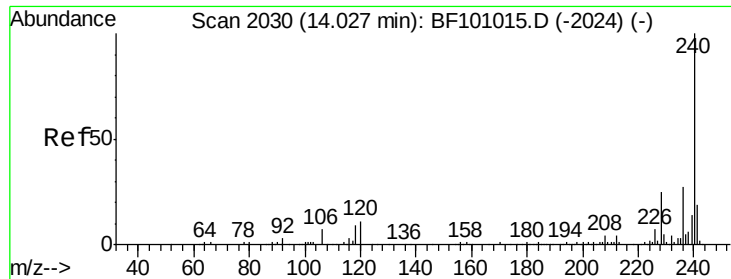
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#74
Fluoranthene
Concen: 4.317 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45241		
101	10.0	0.0	34.1	
203	17.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101151.D

Acq: 6 Dec 2017 4:14

Instrument :

BNA_F

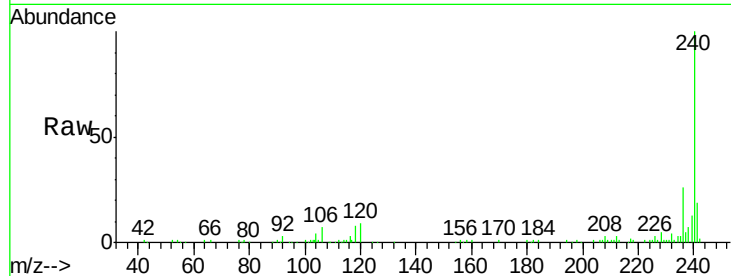
ClientSampleId :

MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.5	20.7	31.1

Manual Integrations
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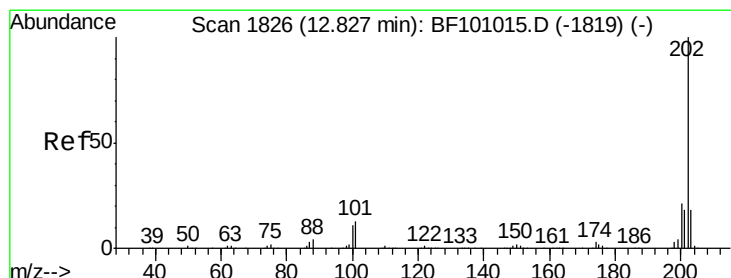
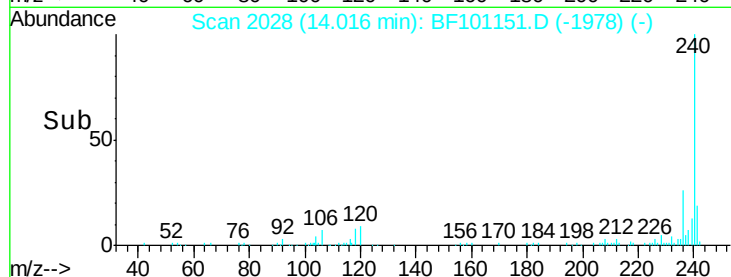
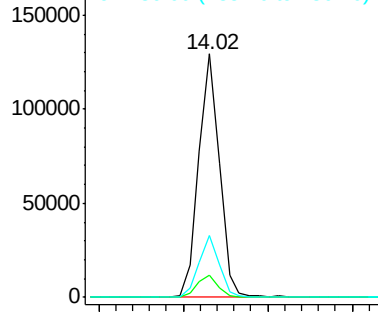
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.822 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF101151.D

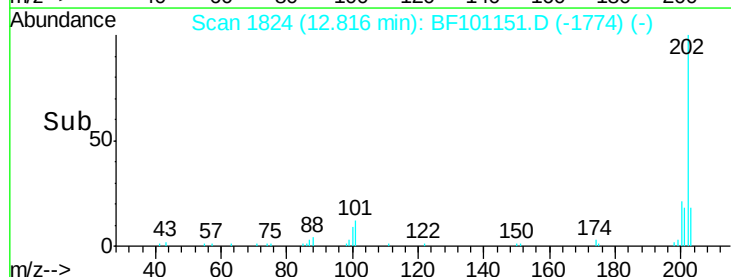
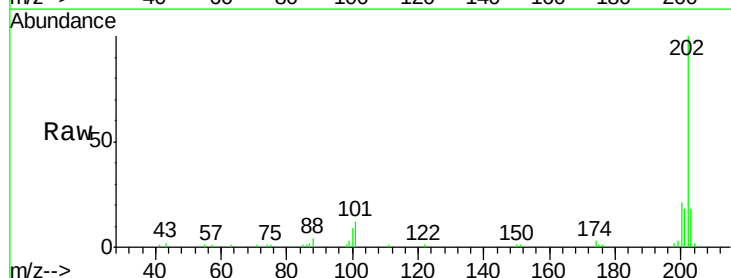
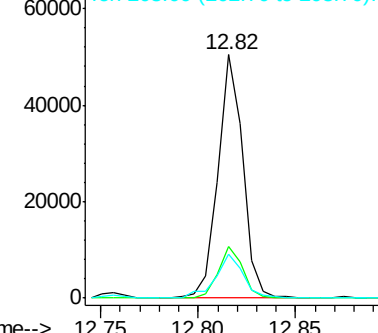
Acq: 6 Dec 2017 4:14

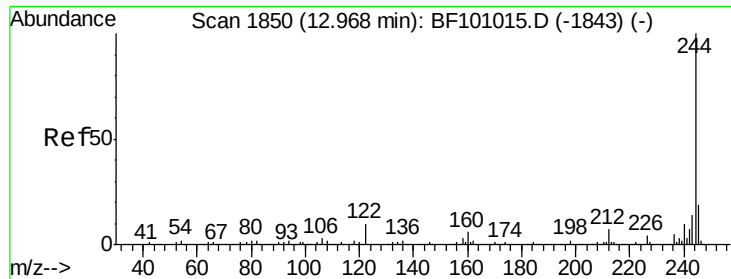
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.1	14.3	21.5

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





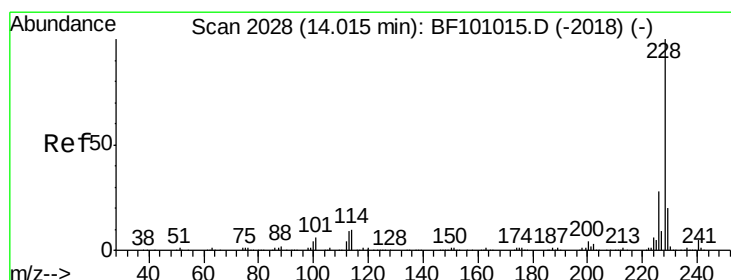
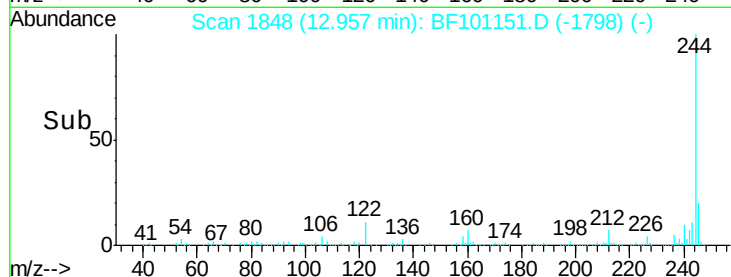
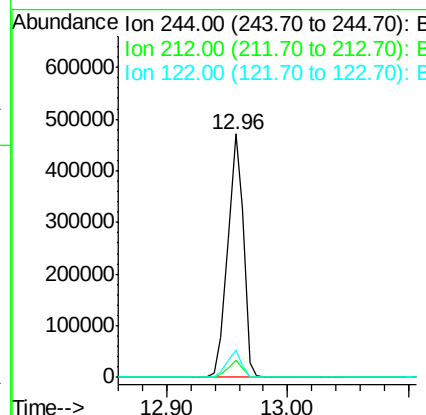
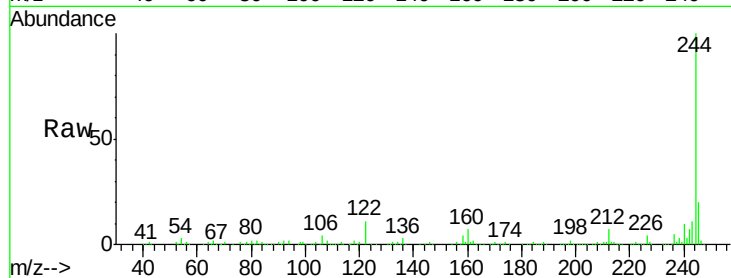
#78
 Terphenyl-d14
 Concen: 83.223 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101151.D
 Acq: 6 Dec 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4

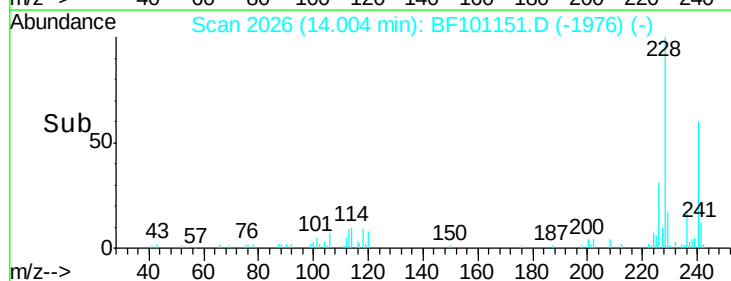
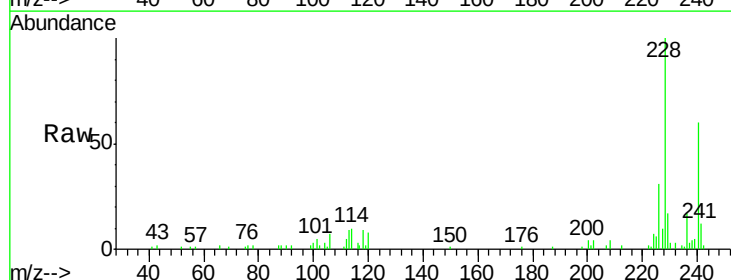
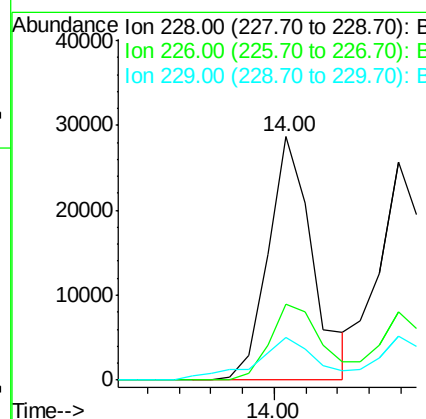
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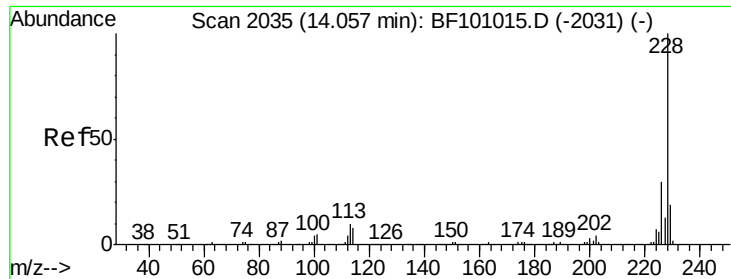
Sohil
 12/6/2017 5:12:43 PM



#80
 Benzo(a)anthracene
 Concen: 3.993 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF101151.D
 Acq: 6 Dec 2017 4:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	17.5	15.8	23.6





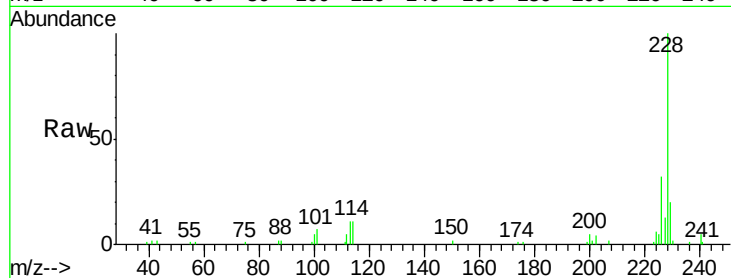
#82
Chrysene
Concen: 3.929 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.3	16.2	24.4

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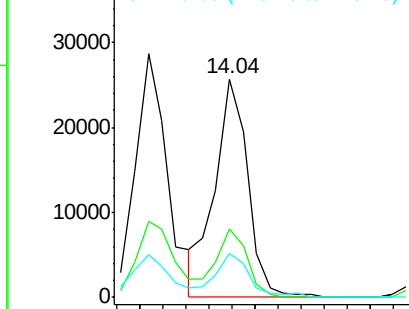


Abundance

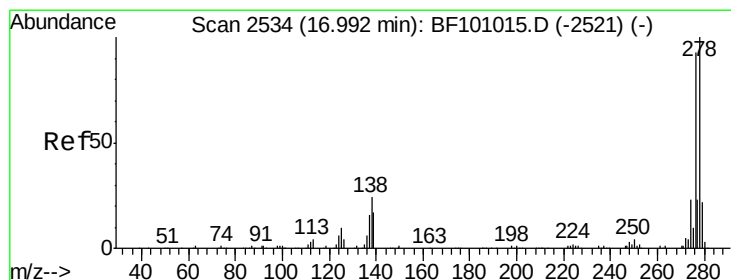
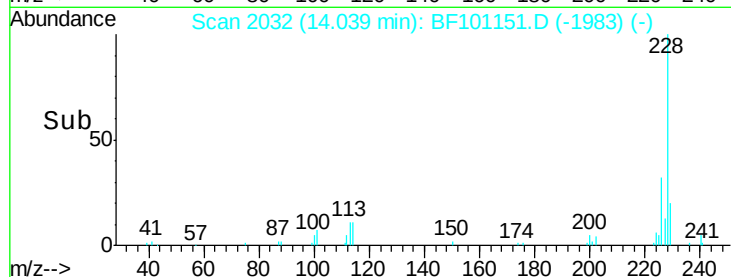
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.856 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

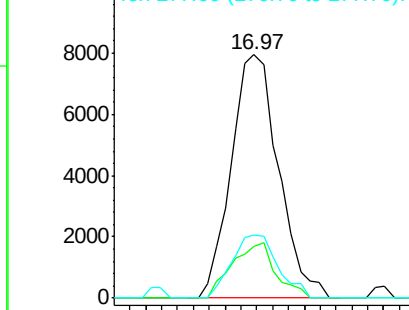
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	25.1	20.1	30.1

Abundance

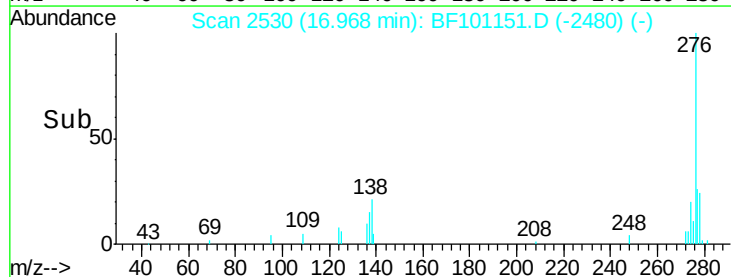
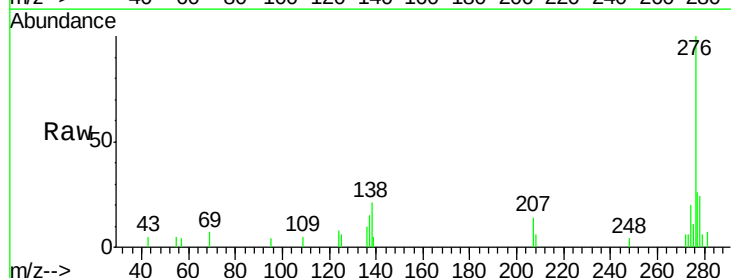
Ion 276.00 (275.70 to 276.70): E

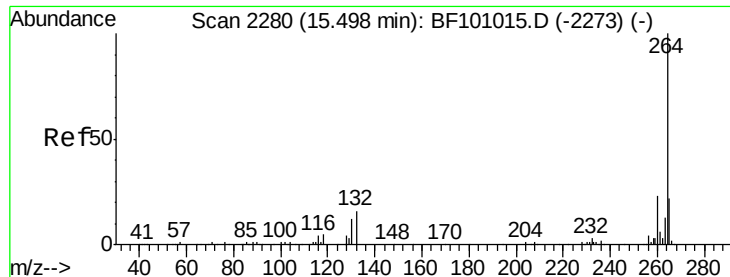
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





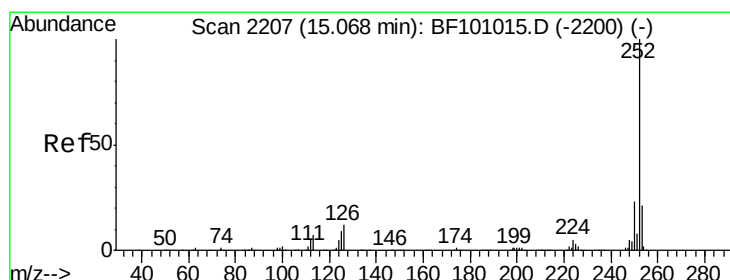
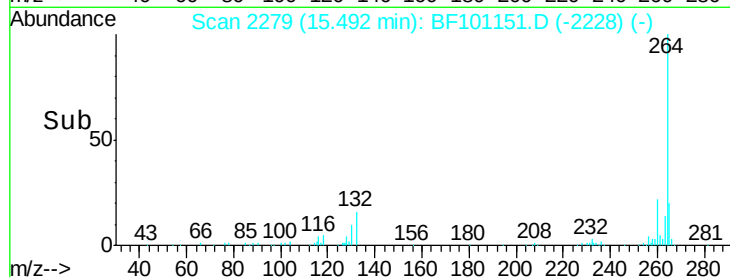
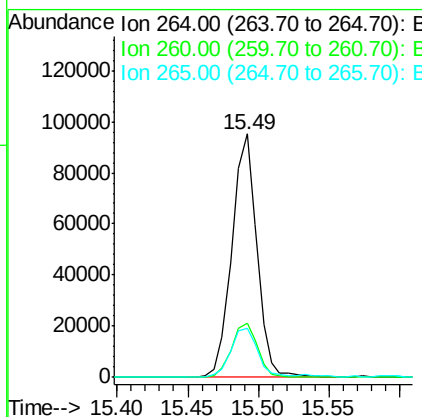
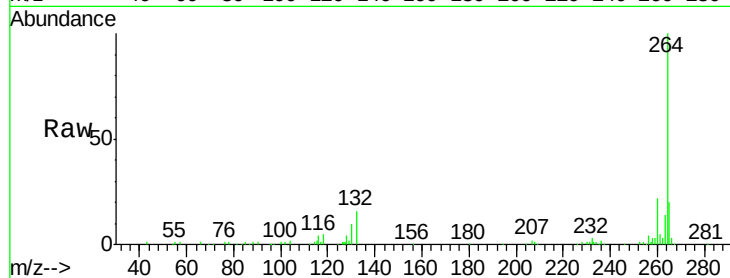
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.3	17.5	26.3

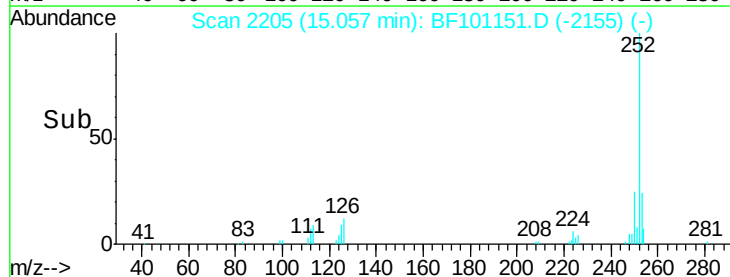
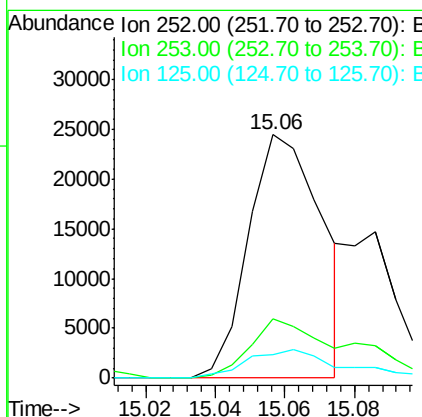
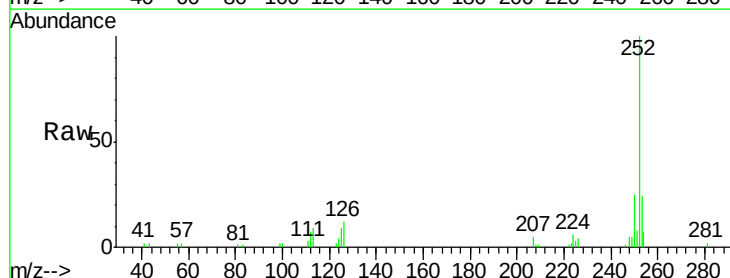
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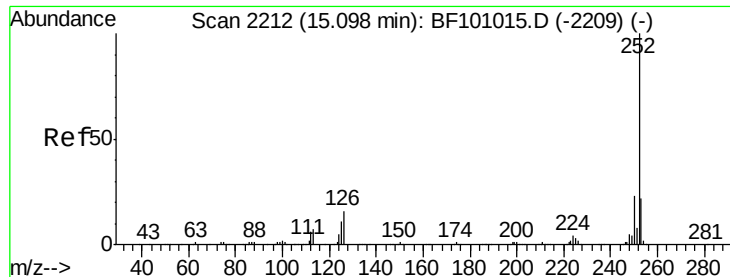
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#87
Benzo(b)fluoranthene
Concen: 5.096 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101151.D
Acq: 6 Dec 2017 4:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	9.4	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 2.081 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF101151.D

Acq: 6 Dec 2017 4:14

Instrument :

BNA_F

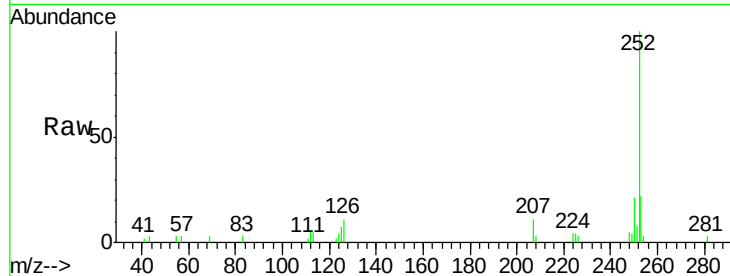
ClientSampleId :

MH-1-E(0-1)

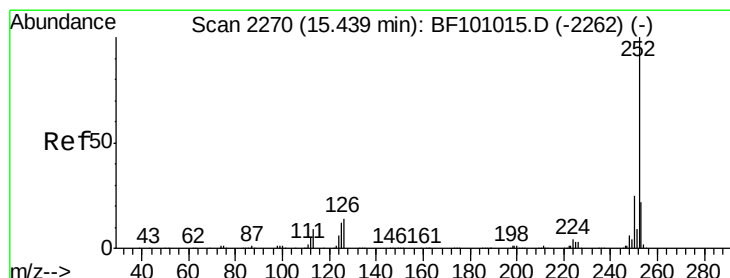
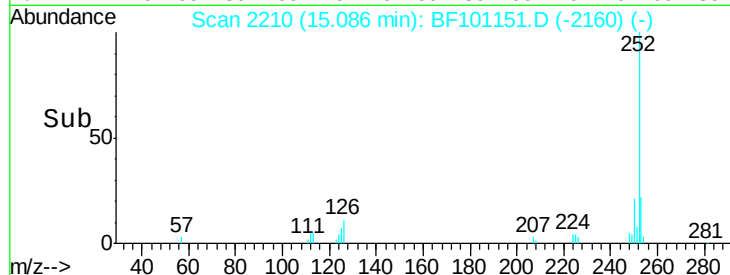
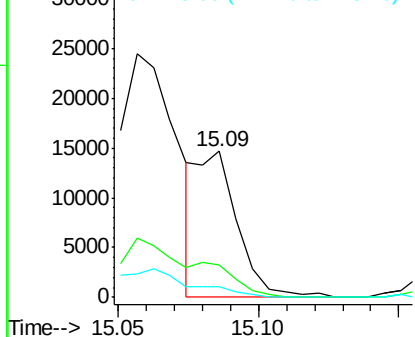
Tot Ion:	252	Resp:	14433
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	6.9	10.2	15.2

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12/6/2017 5:12:43 PM



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: 4.202 ng

RT: 15.43 min Scan# 2268

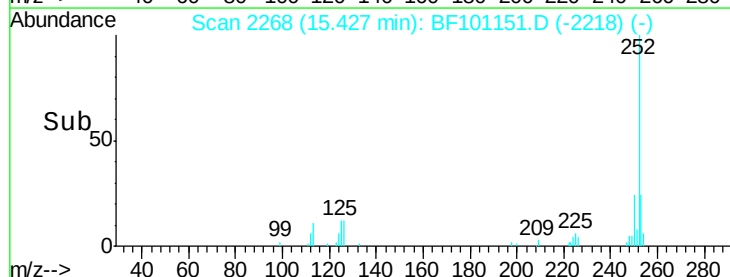
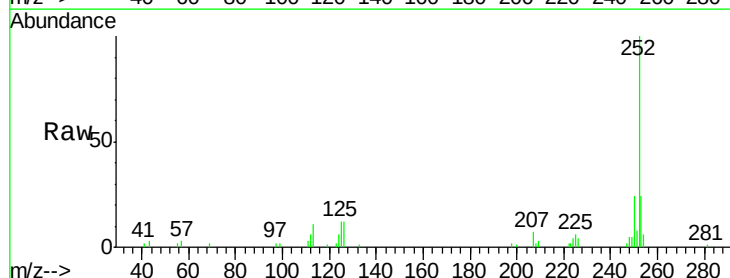
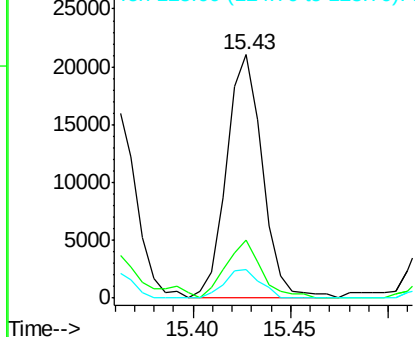
Delta R.T. -0.01 min

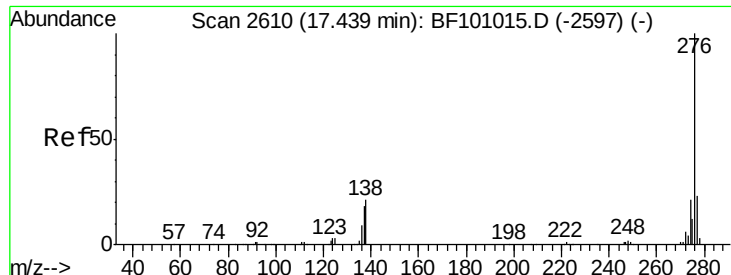
Lab File: BF101151.D

Acq: 6 Dec 2017 4:14

Tgt Ion:	252	Resp:	26899
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	11.5	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: 2.612 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF101151.D
 Acq: 6 Dec 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(0-1)

Tot Ion:	276	Resp:	13891
Ion Ratio	Lower	Upper	
276	100		
277	21.7	17.9	26.9
138	20.0	21.8	32.8

Manual Integrations
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