

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100739.D
 Acq On : 20 Nov 2017 19:26
 Operator : SJ/JU
 Sample : I6521-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:27 PM

Quant Time: Nov 21 04:37:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	99956	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	395646	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	188130	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	376154	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	291399	20.00	ng	-0.02
86) Perylene-d12	15.50	264	206841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	734918	117.86	ng	0.00
7) Phenol-d6	6.50	99	889782	115.72	ng	0.00
23) Nitrobenzene-d5	7.43	82	549205	91.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	253829	132.41	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1005537	81.39	ng	-0.01
78) Terphenyl-d14	12.98	244	975203	76.90	ng	0.00
Target Compounds						
10) Phenol	6.51	94	28000	3.469	ng	97
49) Dimethylphthalate	9.62	163	93065	6.479	ng	99
74) Fluoranthene	12.60	202	107052	5.100	ng	94
77) Pyrene	12.83	202	89663	4.317	ng	98
80) Benzo(a)anthracene	14.02	228	44071	2.511	ng	98
82) Chrysene	14.06	228	37237	2.191	ng	95
87) Benzo(b)fluoranthene	15.07	252	32319m	2.637	ng	
89) Benzo(a)pyrene	15.43	252	21915	2.017	ng	98

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

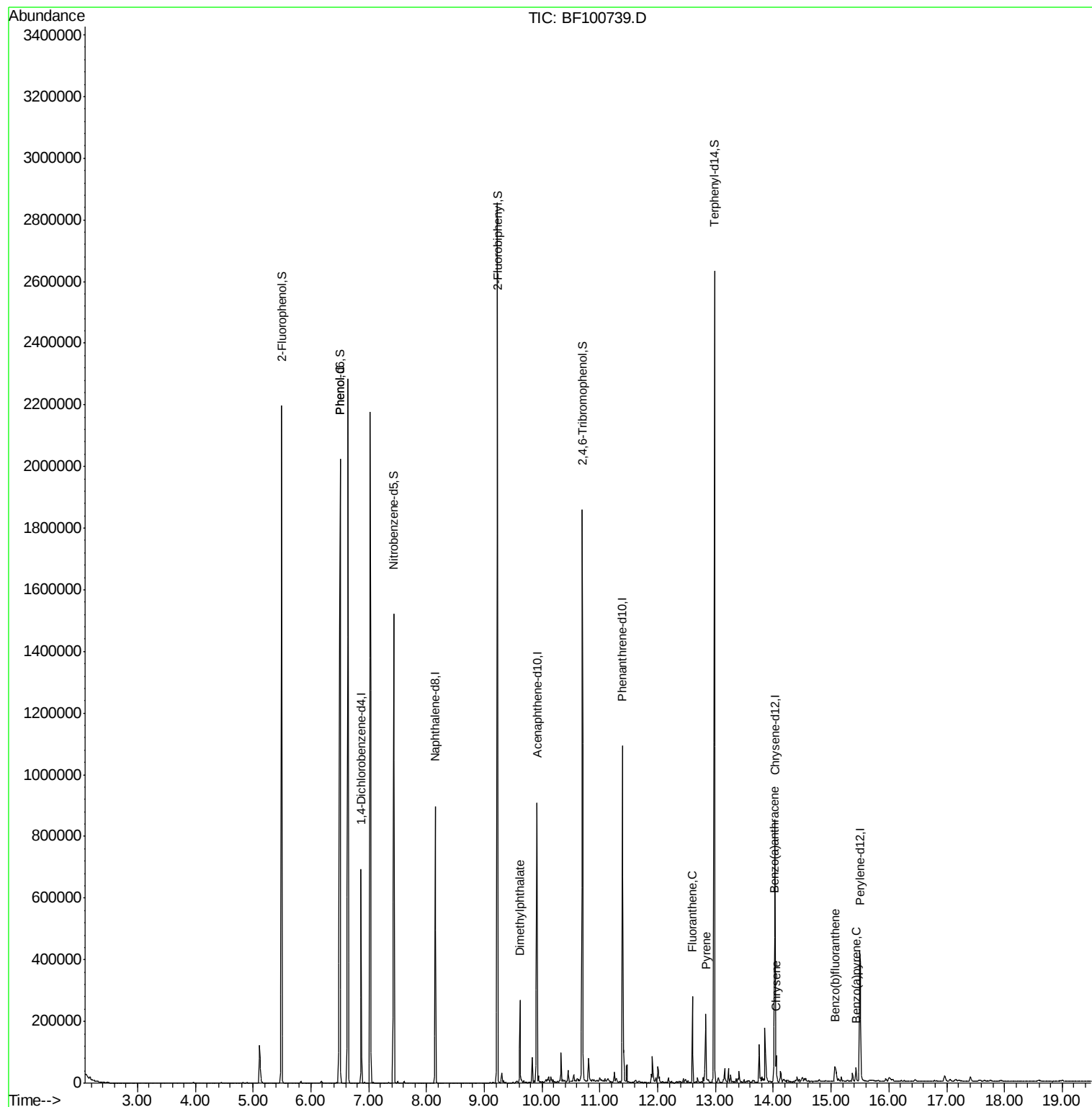
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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#1

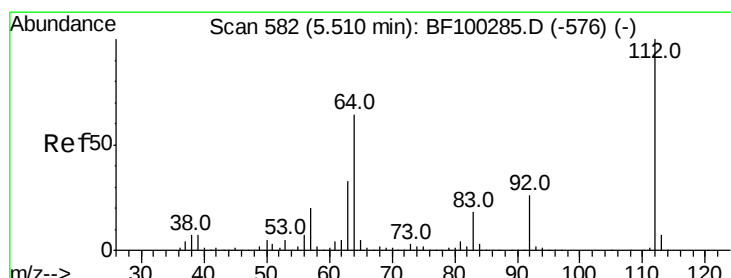
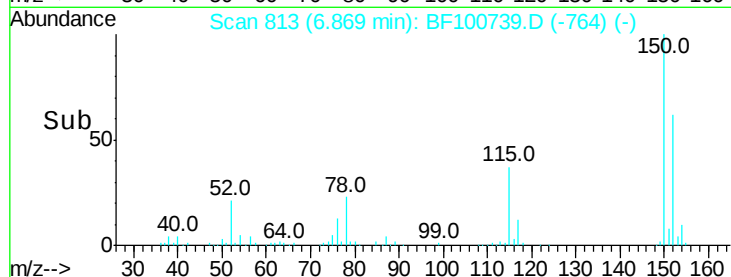
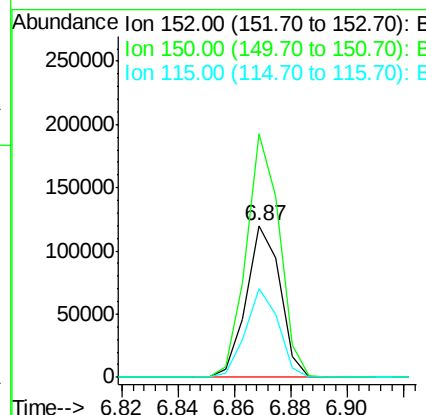
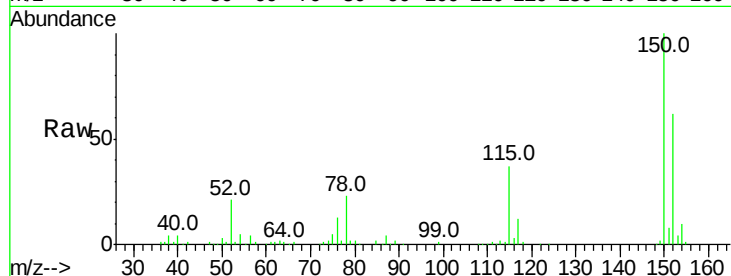
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	58.9	50.1	75.1

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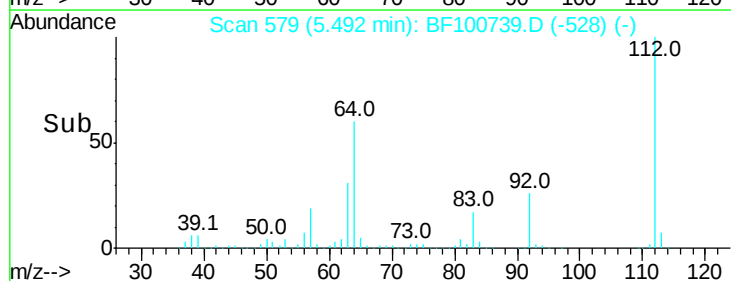
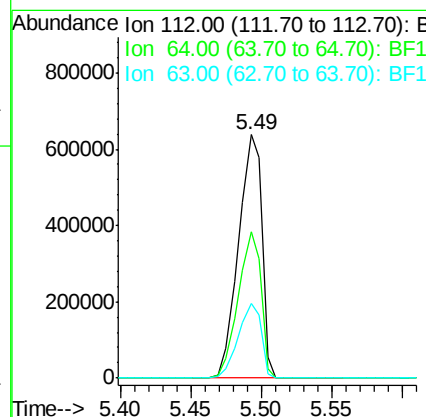
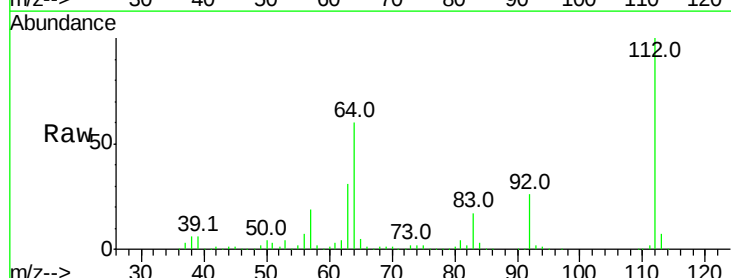
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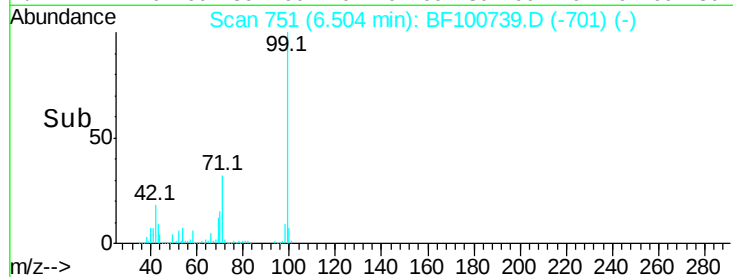
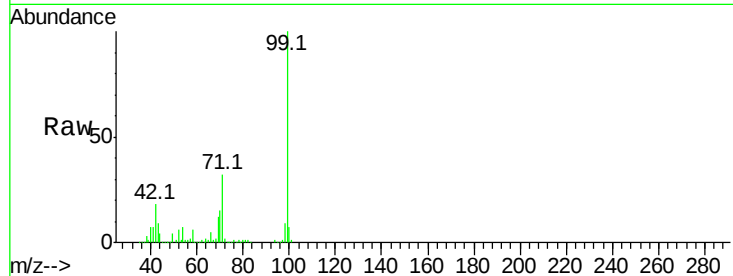
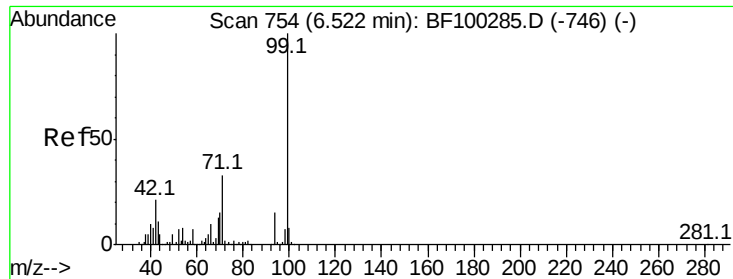


#5

2-Fluorophenol
Concen: 117.858 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 115.717 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		889782		
42	18.0	14.5	21.7		
71	31.6	25.4	38.0		

Instrument :

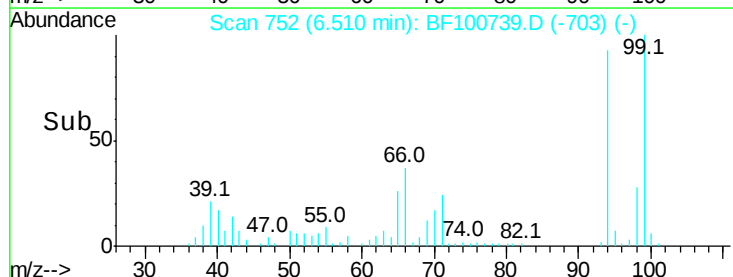
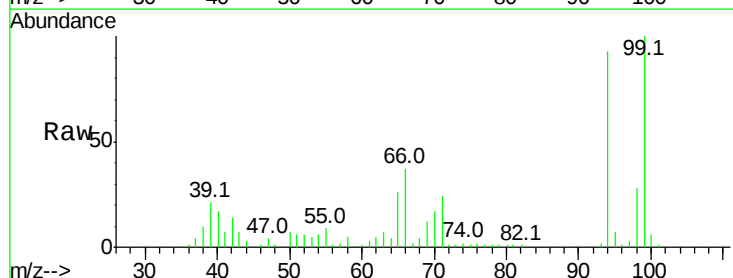
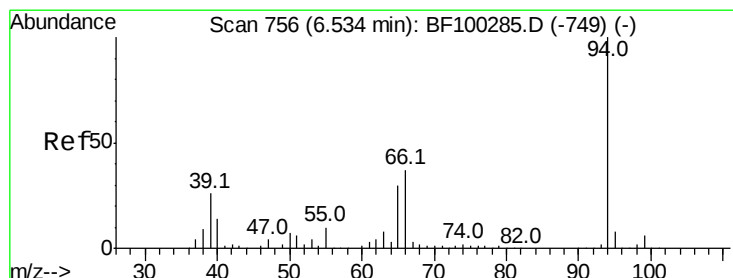
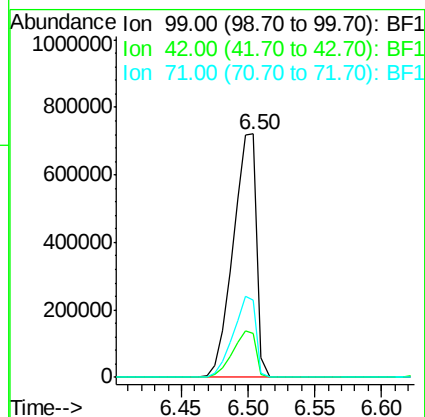
BNA_F

ClientSampleId :

MH-(0-12)

Manual Integrations
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#10

Phenol

Concen: 3.469 ng

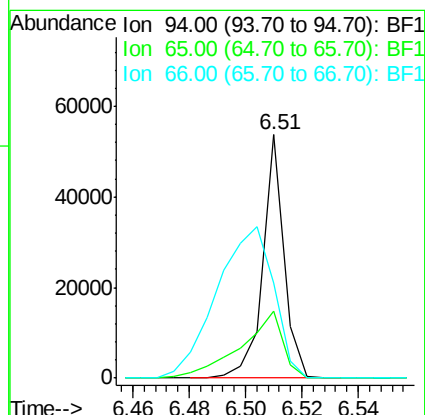
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		28000		
65	27.6	7.9	47.9		
66	39.2	16.2	56.2		





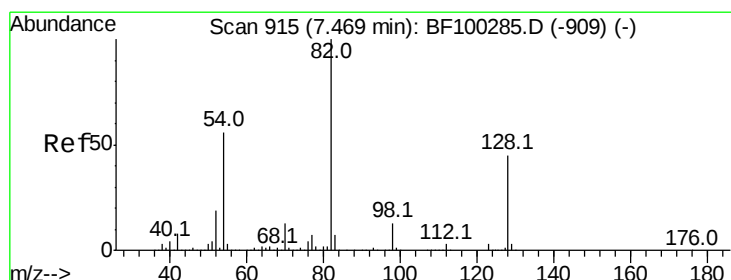
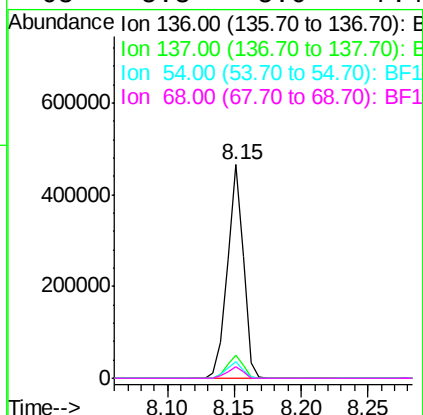
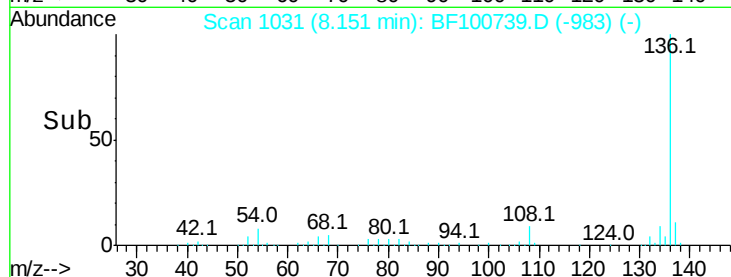
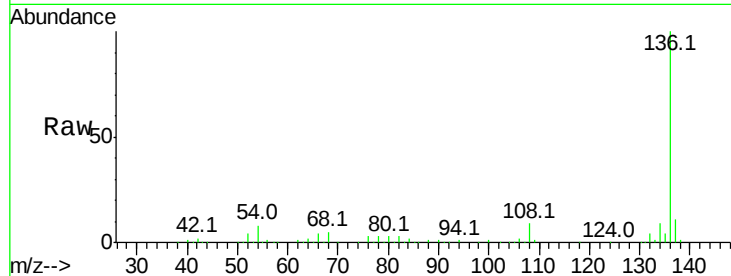
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	7.7	6.6	9.8	
68	5.3	5.0	7.4	

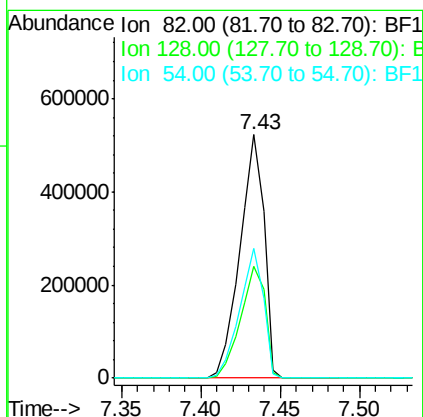
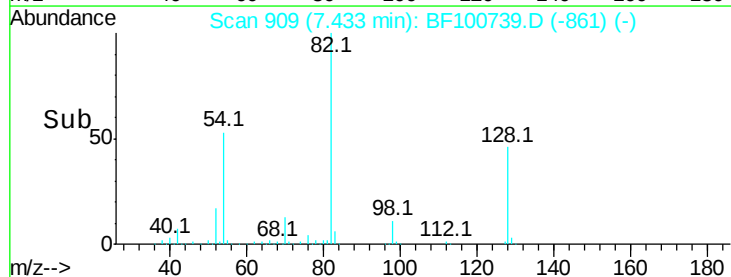
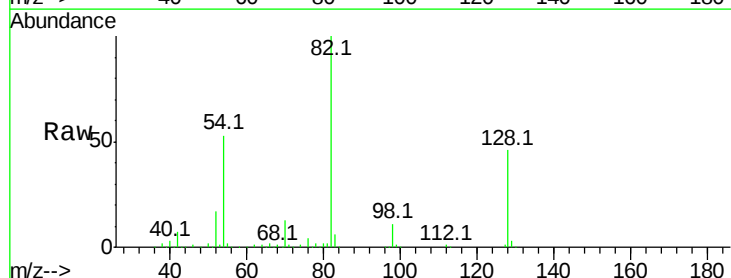
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#23
Nitrobenzene-d5
Concen: 91.773 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.1	54.1	
54	53.2	41.4	62.2	





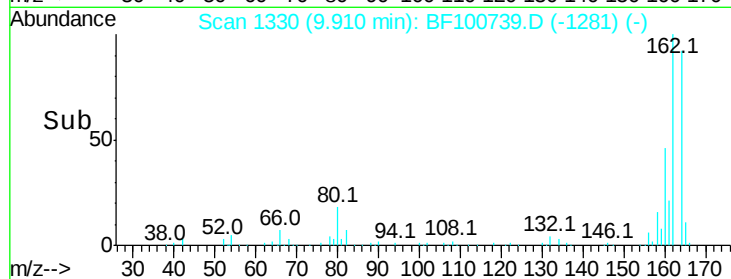
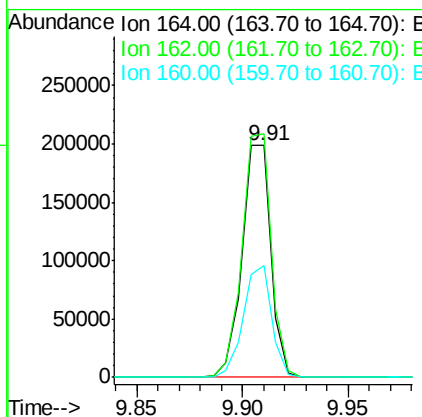
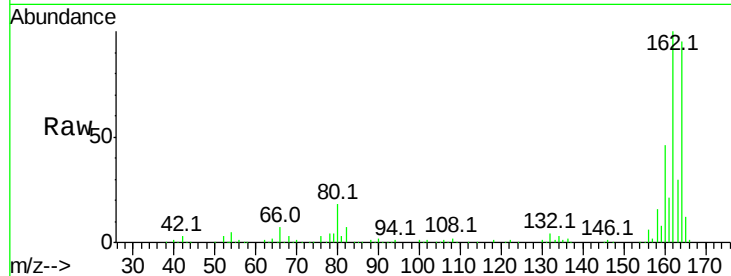
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampled :
MH-(0-12)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	188130		
162	105.1	86.1	129.1	
160	48.3	38.3	57.5	

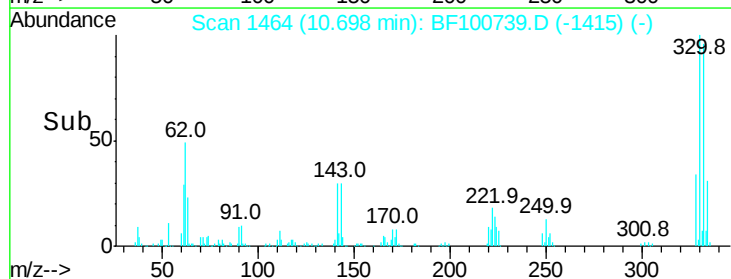
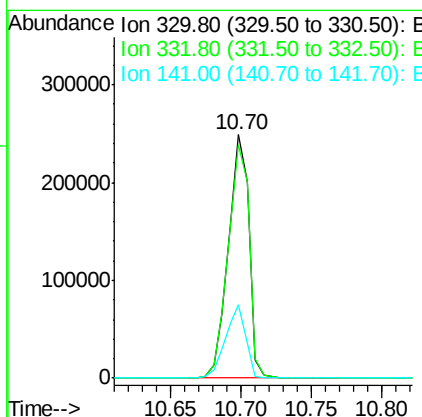
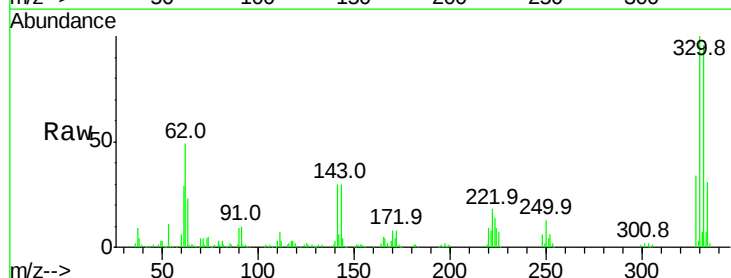
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#41
2,4,6-Tribromophenol
Concen: 132.406 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	253829		
332	98.4	77.0	115.6	
141	29.1	29.9	44.9#	





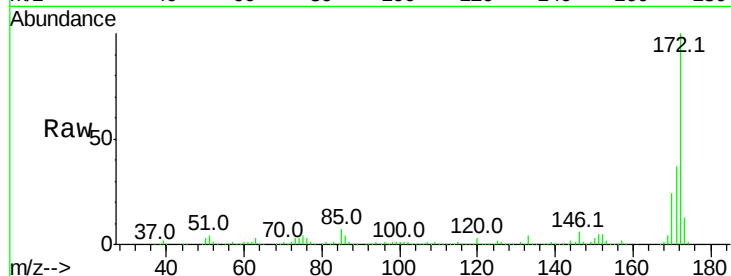
#44
2-Fluorobiphenyl
Concen: 81.388 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

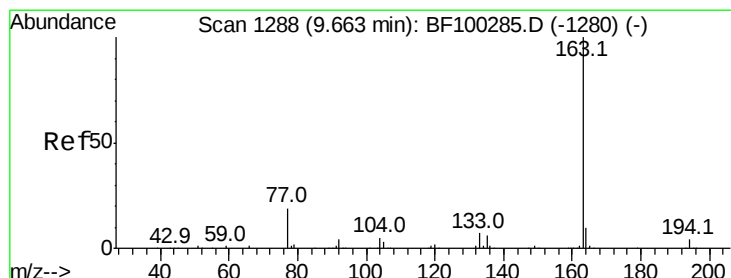
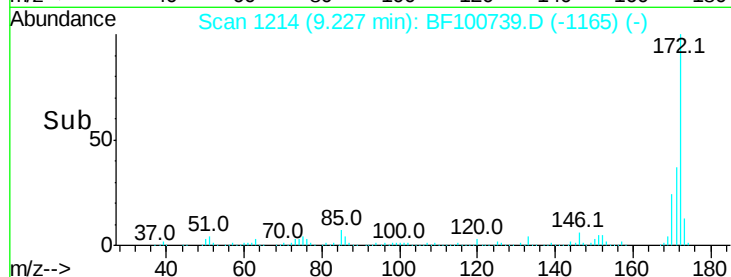
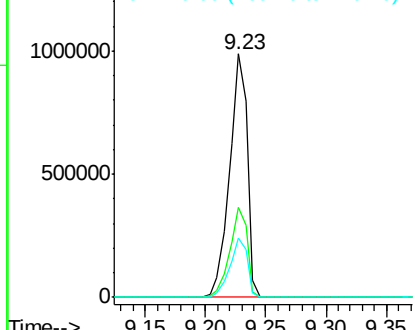
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	19.6	29.4

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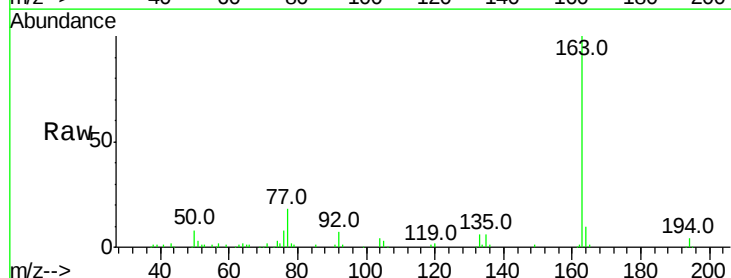


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

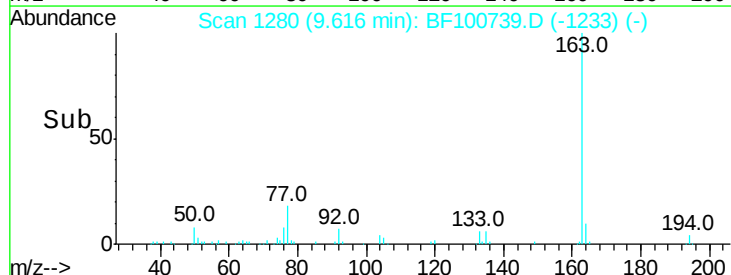
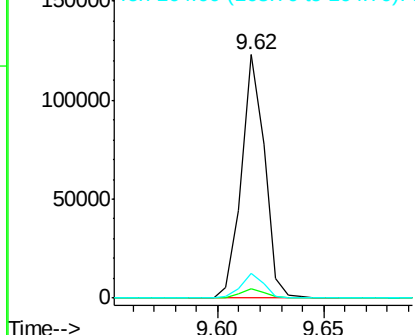


#49
Dimethylphthalate
Concen: 6.479 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Instrument :

BNA_F

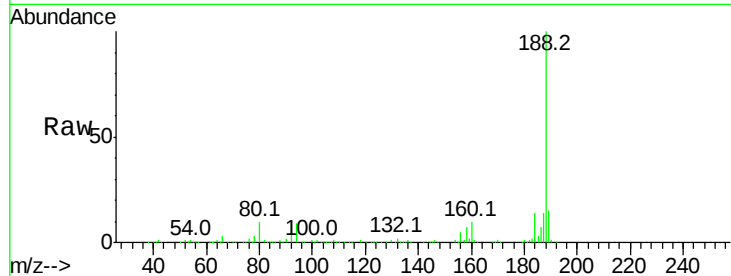
ClientSampleId :

MH-(0-12)

Tot Ion:	188	Resp:	376154
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	9.6	9.2	13.8

Manual Integrations
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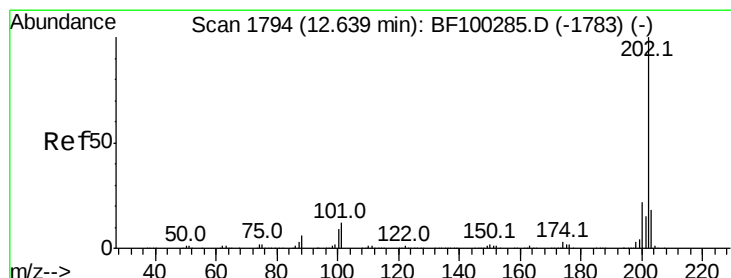
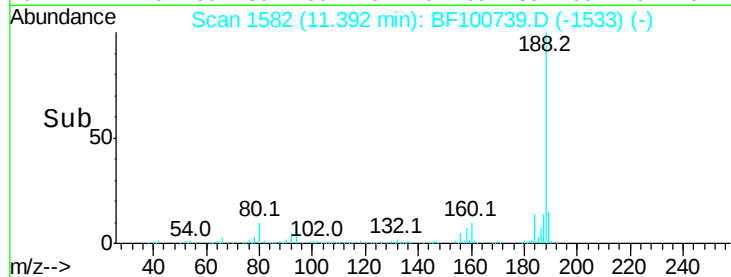
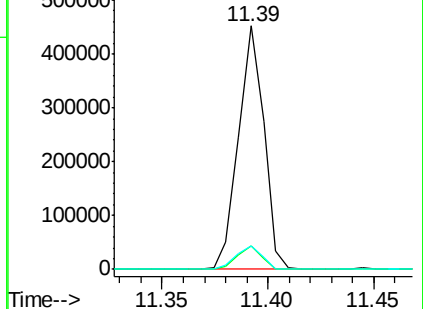
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 5.100 ng

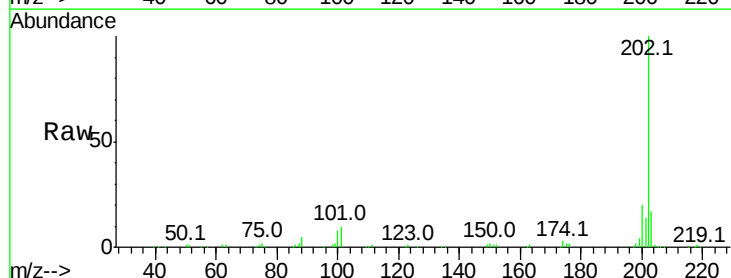
RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

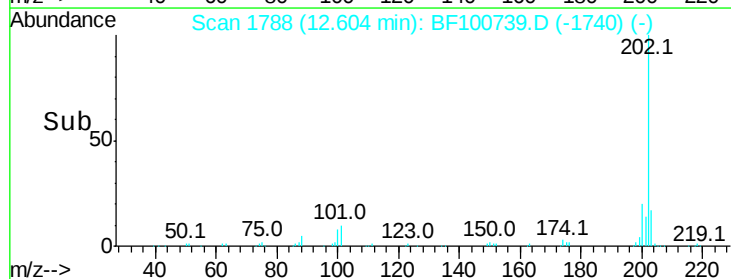
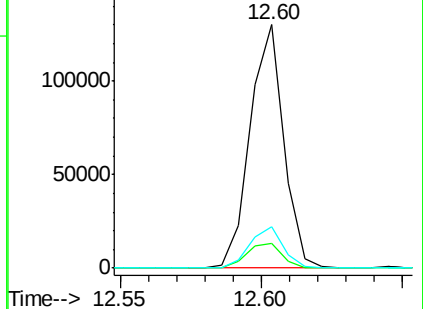
Tgt Ion:	202	Resp:	107052
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	34.1
203	16.8	0.0	38.1

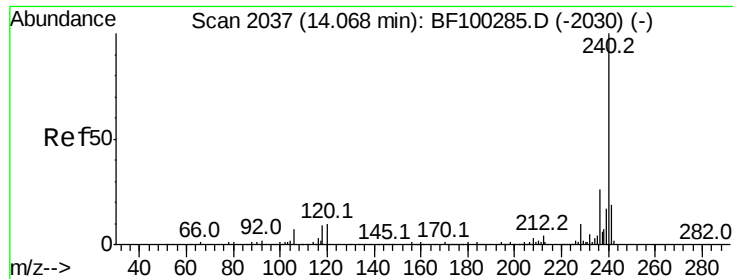


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Instrument :

BNA_F

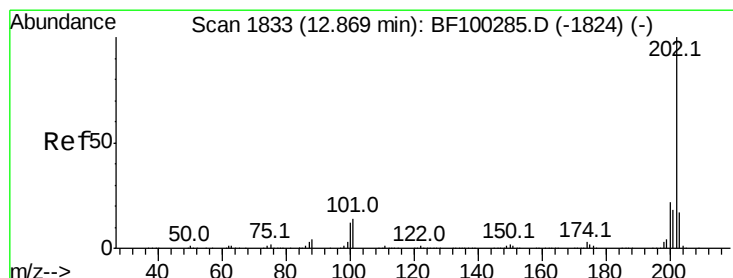
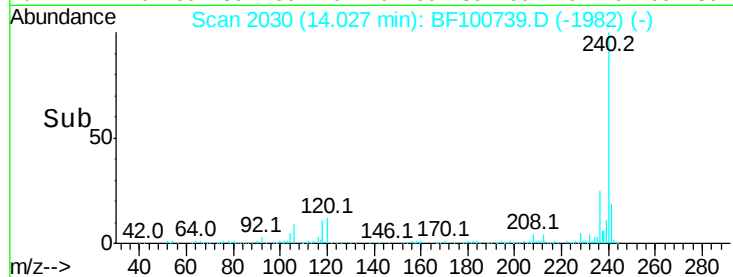
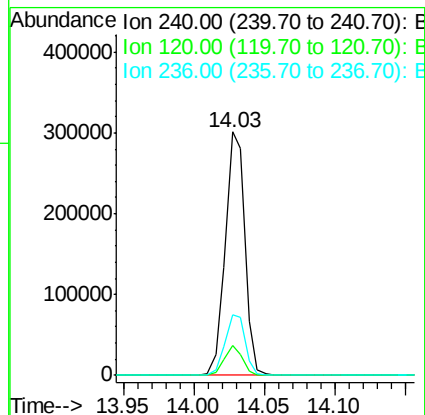
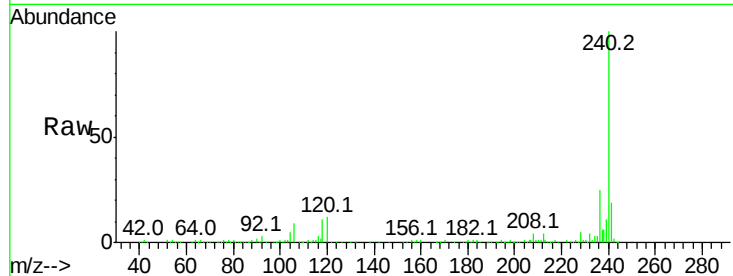
ClientSampleId :

MH-(0-12)

Tot Ion:	240	Resp:	291399
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	24.8	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.317 ng

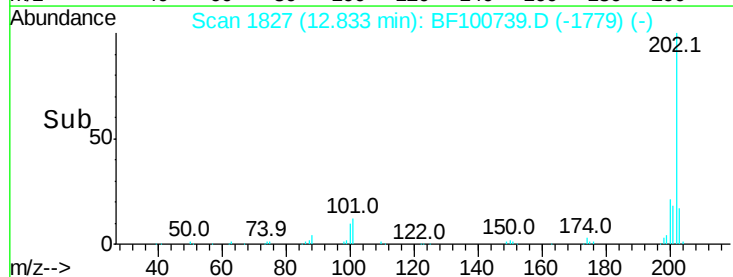
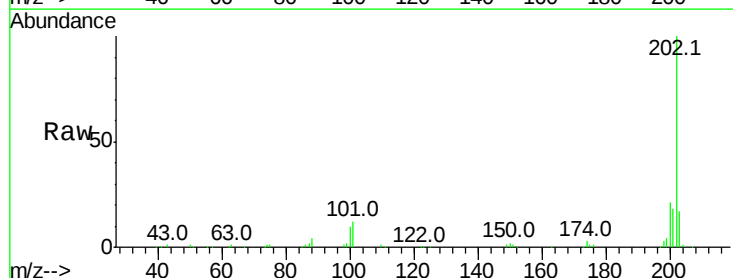
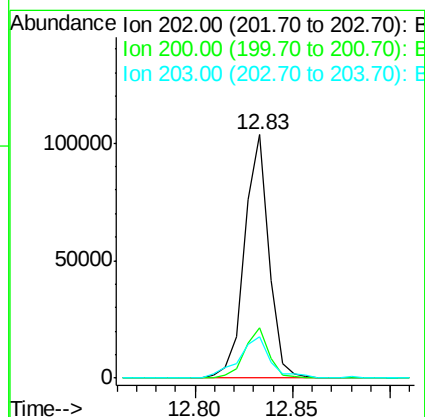
RT: 12.83 min Scan# 1827

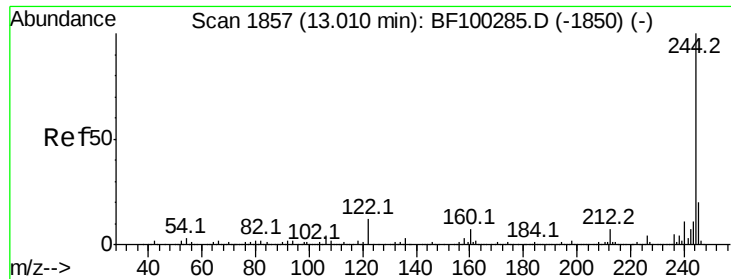
Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Tgt Ion:	202	Resp:	89663
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.3	14.3	21.5





#78

Terphenyl-d14

Concen: 76.896 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Instrument :

BNA_F

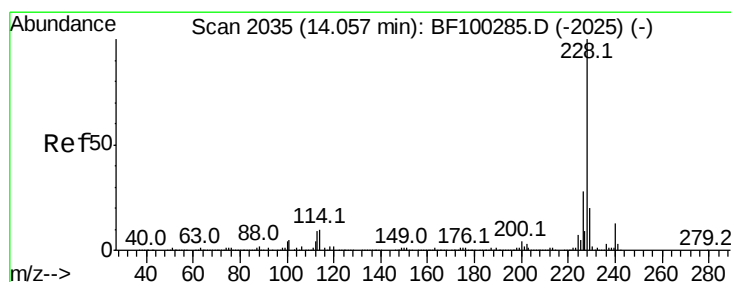
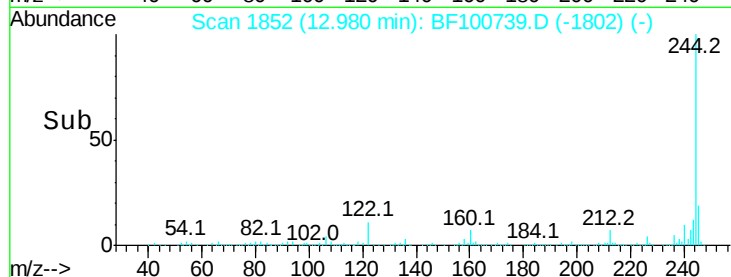
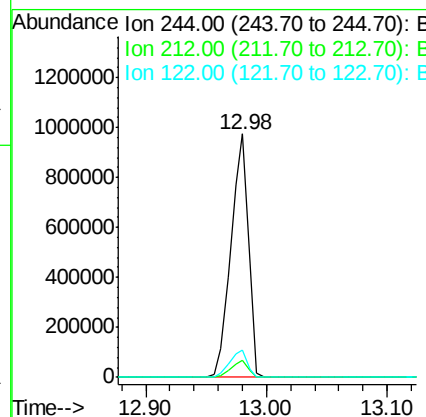
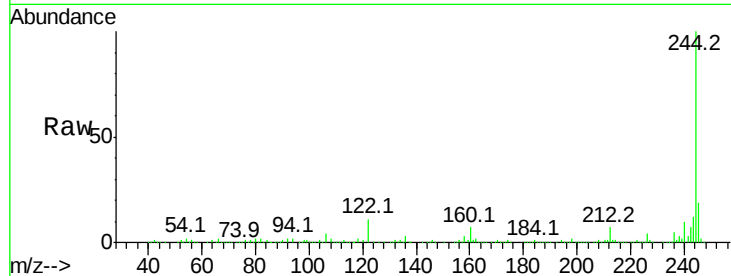
ClientSampleId :

MH-(0-12)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.511 ng

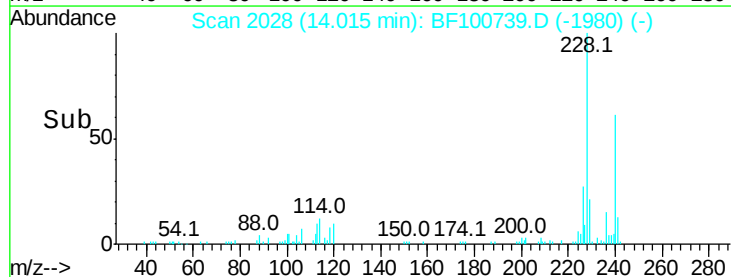
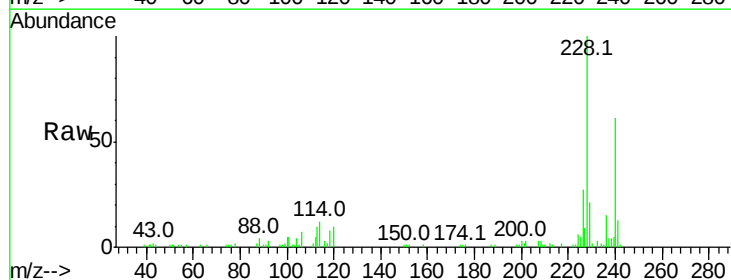
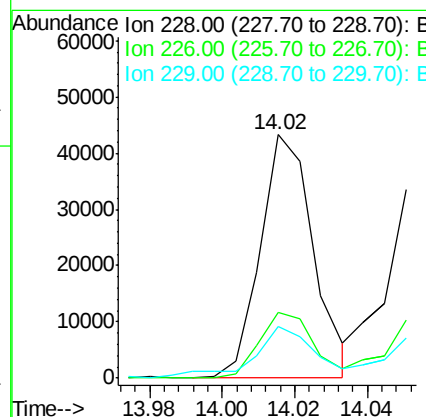
RT: 14.02 min Scan# 2028

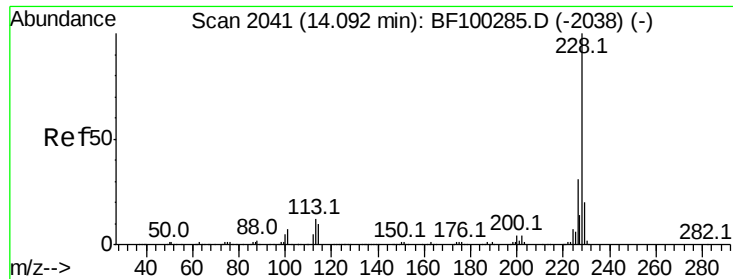
Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.0	15.8	23.6





#82

Chrysene

Concen: 2.191 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Instrument :

BNA_F

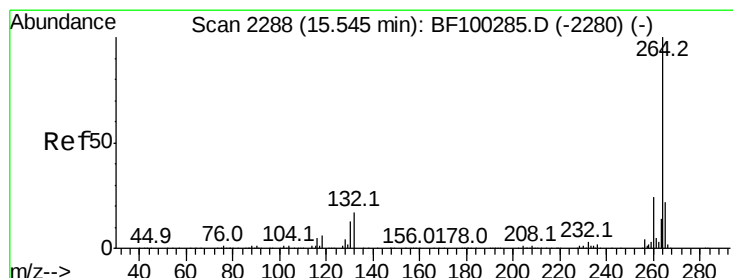
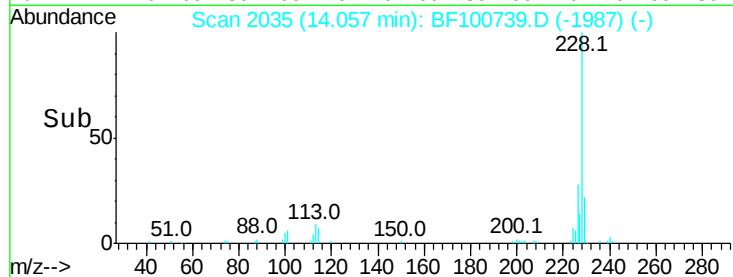
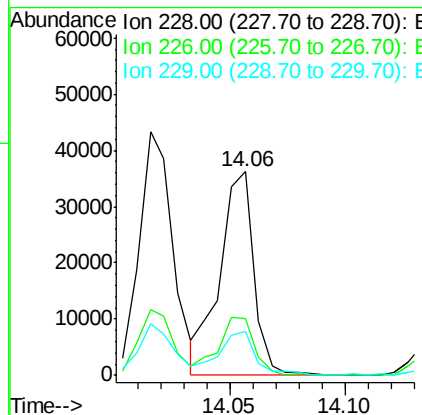
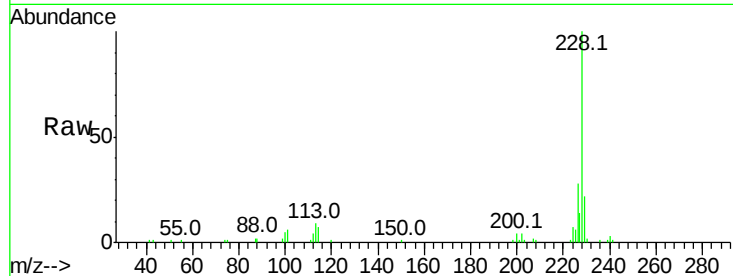
ClientSampled :

MH-(0-12)

Tot Ion:	228	Resp:	37237
Ion Ratio	Lower	Upper	
228	100		
226	28.2	25.0	37.6
229	21.6	16.2	24.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

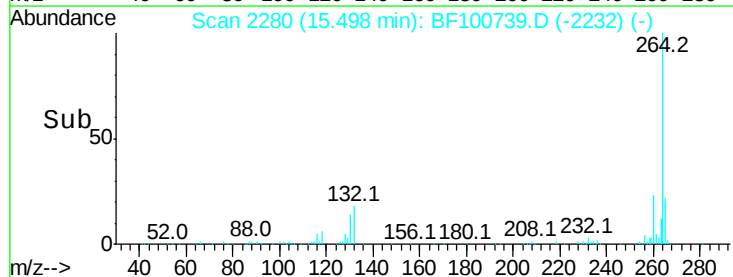
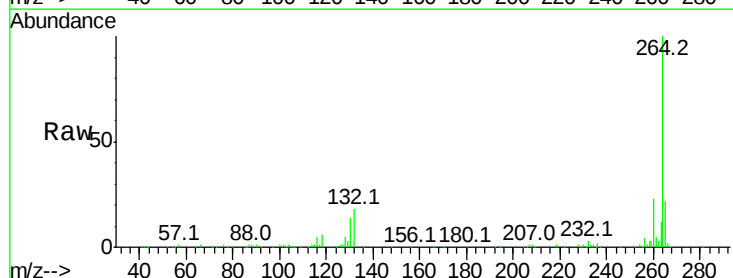
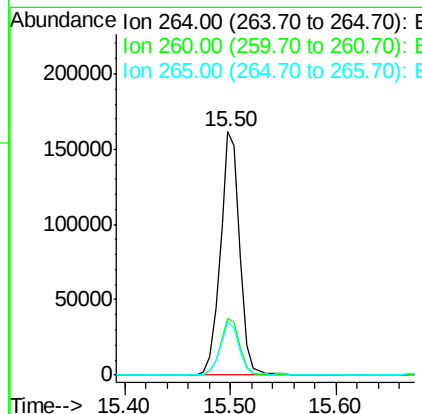
RT: 15.50 min Scan# 2280

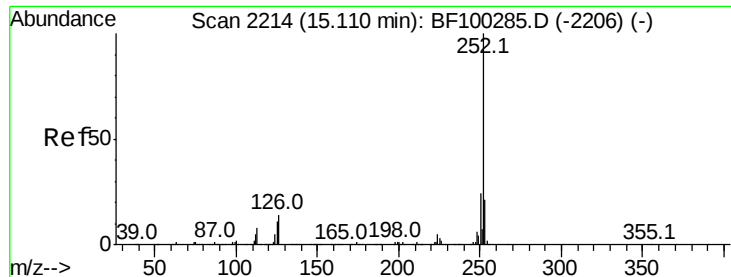
Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Tgt Ion:	264	Resp:	206841
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.637 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Instrument :

BNA_F

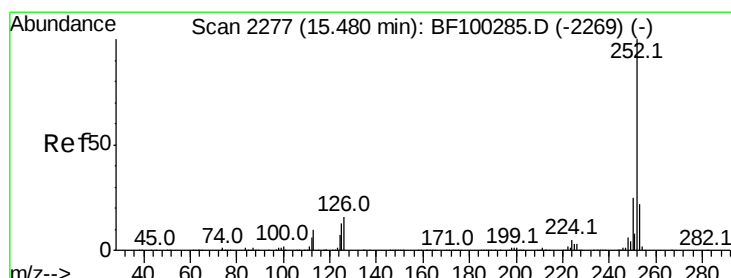
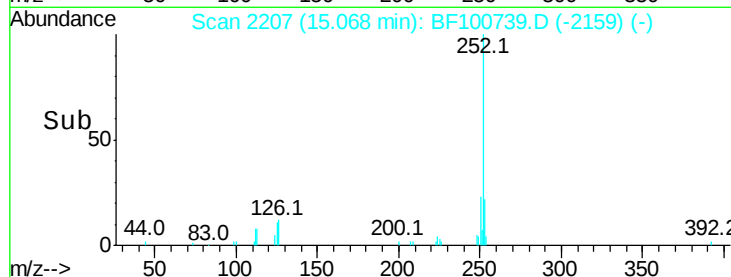
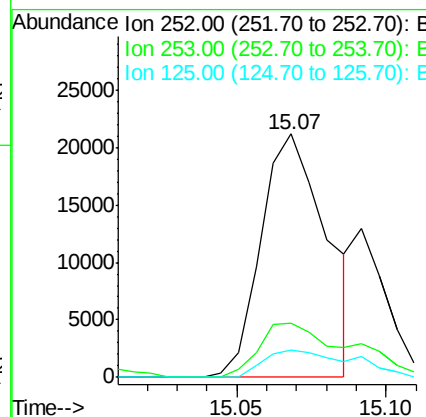
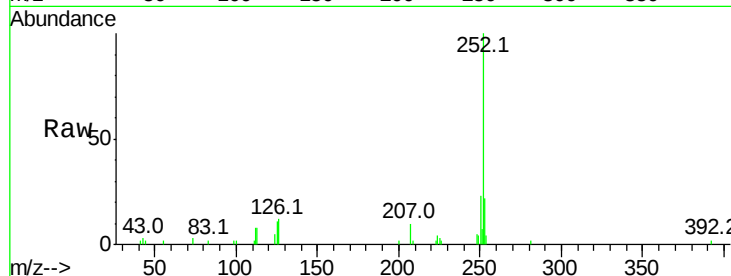
ClientSampleId :

MH-(0-12)

Tot Ion:	252	Resp:	32319
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	11.1	9.0	13.6

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.017 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF100739.D

Acq: 20 Nov 2017 19:26

Tgt Ion:	252	Resp:	21915
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	10.0	9.8	14.6

