

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100971.D
 Acq On : 29 Nov 2017 8:53
 Operator : SJ/JU
 Sample : I6608-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Manual Integrations
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Quant Time: Nov 29 10:05:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	57584	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	205723	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	90860	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	143014	20.00	ng	0.02
75) Chrysene-d12	14.02	240	125351	20.00	ng	0.00
86) Perylene-d12	15.49	264	118122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	426292	118.67	ng	0.00
7) Phenol-d6	6.49	99	511911	115.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	303481	97.53	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	101660	109.80	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	545572	91.43	ng	0.00
78) Terphenyl-d14	12.97	244	406857	74.58	ng	0.00
Target Compounds						
10) Phenol	6.50	94	18236	3.921	ng	97
31) Naphthalene	8.17	128	293271	29.597	ng	98
37) 2-Methylnaphthalene	8.87	142	738047	112.192	ng	98
45) 1,1'-Biphenyl	9.33	154	56149	7.145	ng	96
49) Dimethylphthalate	9.62	163	53646	7.733	ng	# 81
51) Acenaphthene	9.94	154	34356	5.979	ng	# 74
57) Fluorene	10.46	166	72663	12.316	ng	# 94
70) Phenanthrene	11.42	178	257803	34.237	ng	98
77) Pyrene	12.83	202	31939	3.574	ng	# 95

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

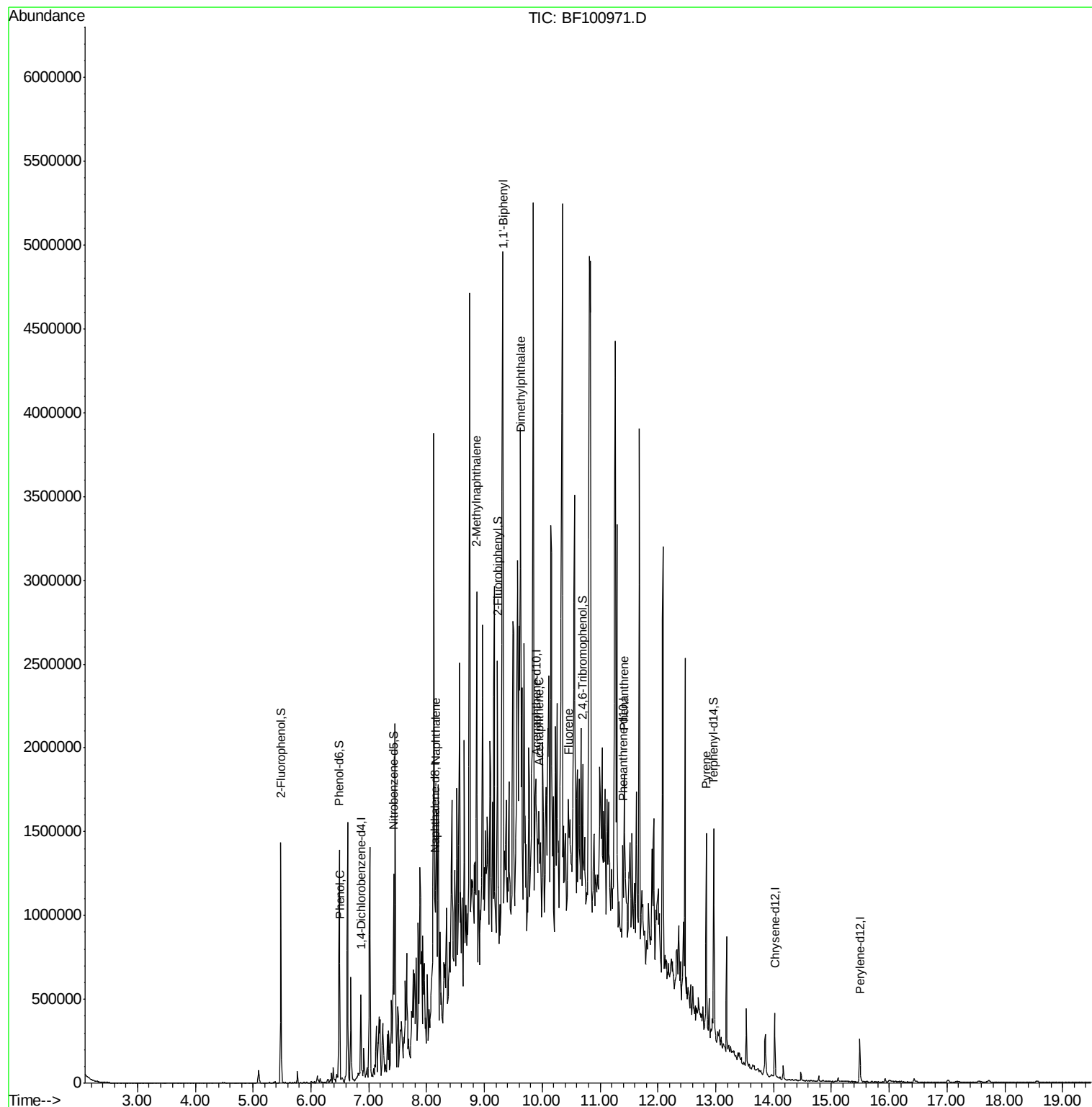
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100971.D
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Operator : SJ/JU
Sample : I6608-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

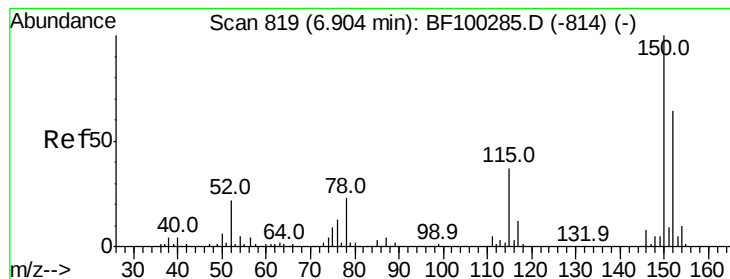
Instrument :
BNA_F
ClientSampleId :
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#1

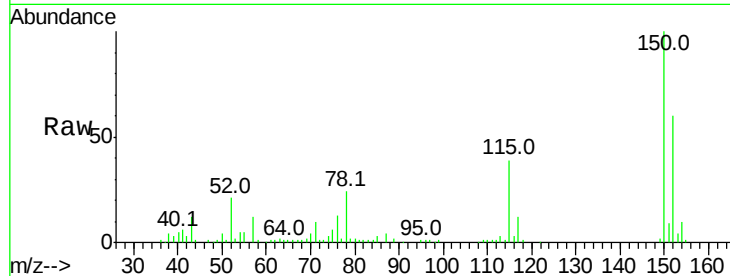
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Instrument :
BNA_F
ClientSampled :
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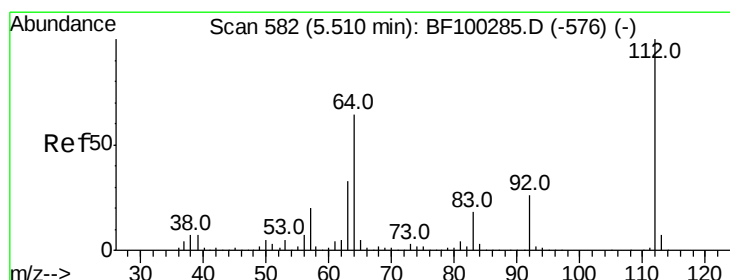
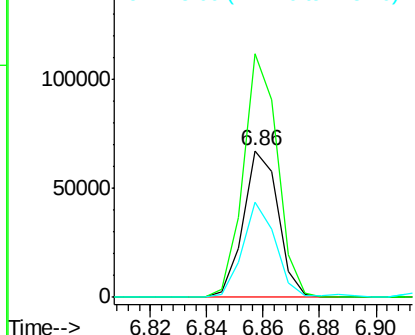
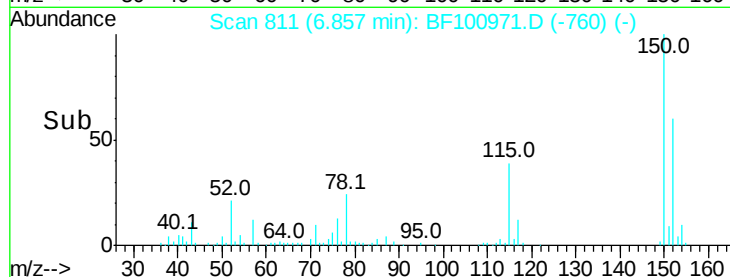
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.1	124.6	186.8
115	64.5	50.1	75.1

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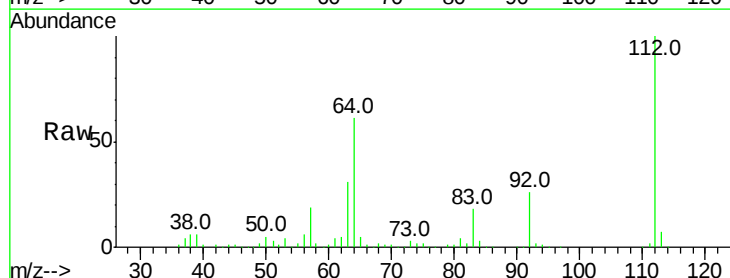
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



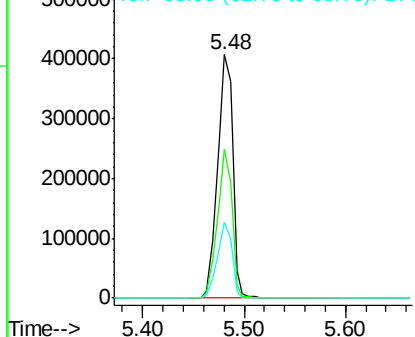
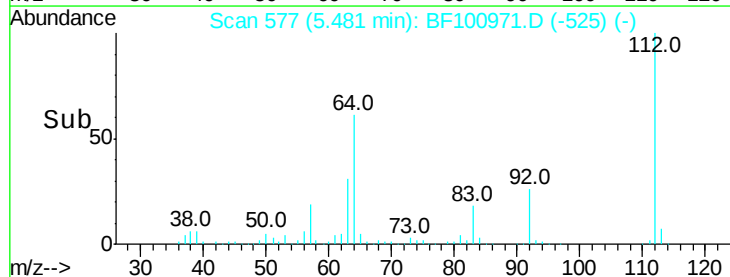
#5

2-Fluorophenol
Concen: 118.669 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.3	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: 115.562 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

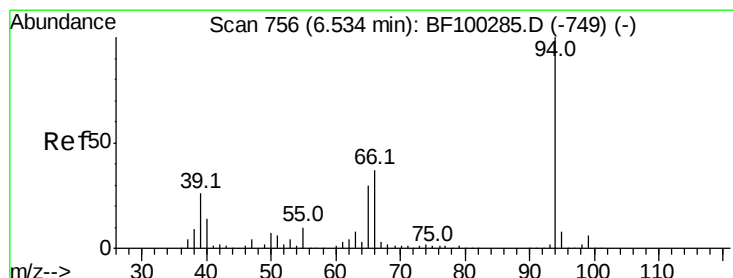
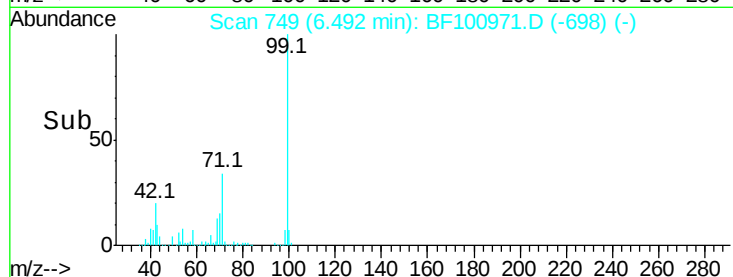
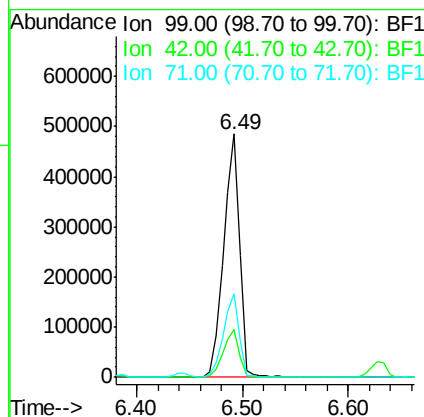
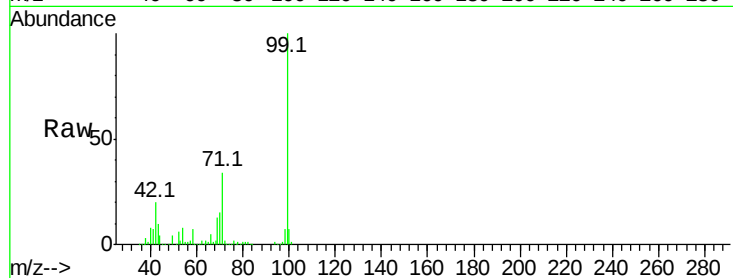
ClientSampleId :

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Tot Ion:	99	Resp:	511911
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	34.4	25.4	38.0

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#10

Phenol

Concen: 3.921 ng

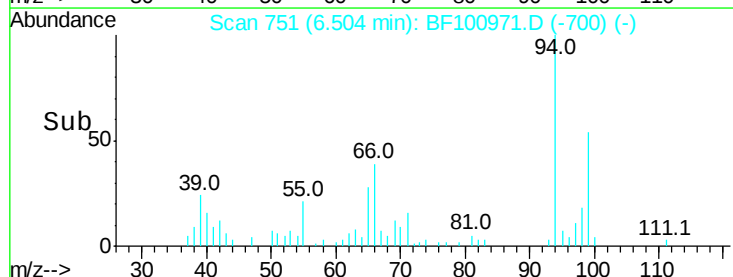
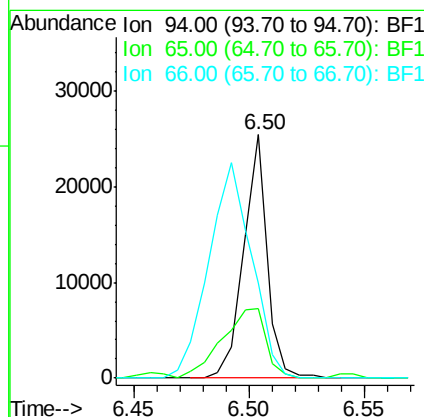
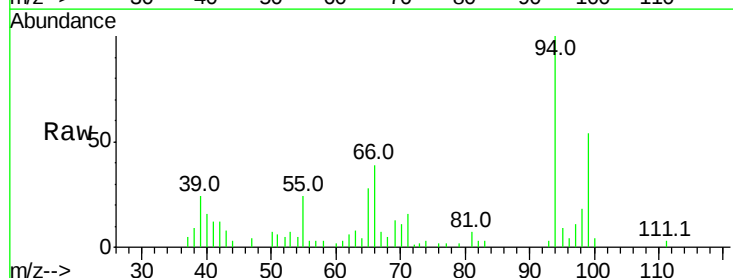
RT: 6.50 min Scan# 751

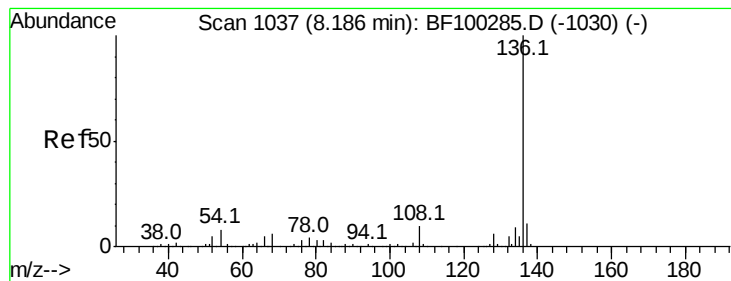
Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Tgt Ion:	94	Resp:	18236
Ion Ratio	Lower	Upper	
94	100		
65	28.4	7.9	47.9
66	39.1	16.2	56.2





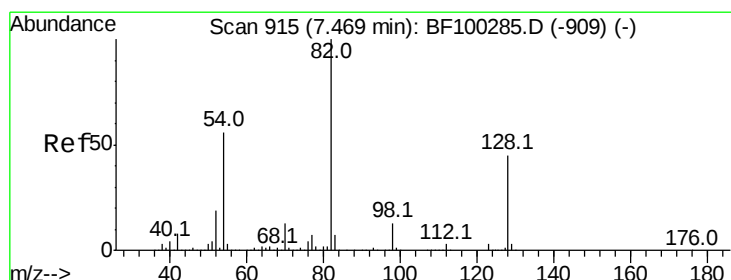
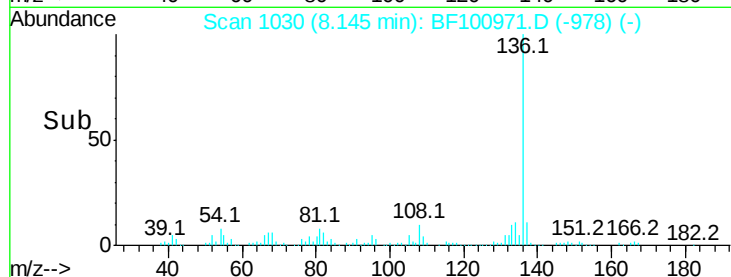
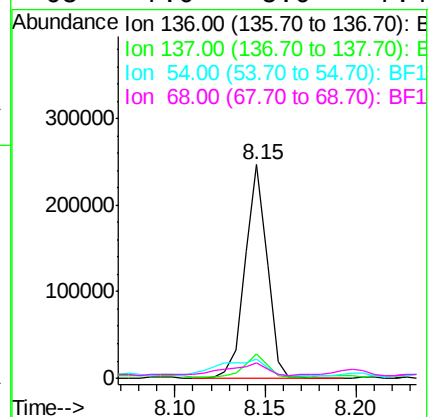
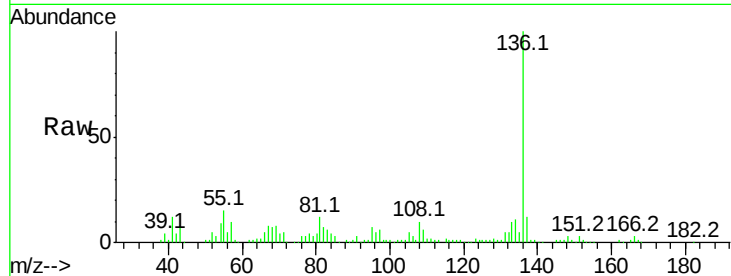
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Instrument :
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ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
136	100	205723		
137	11.6	8.9	13.3	
54	9.2	6.6	9.8	
68	7.0	5.0	7.4	

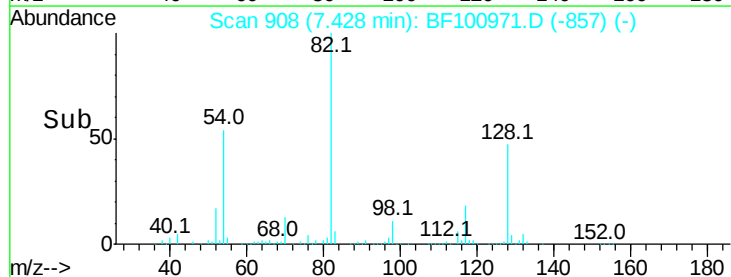
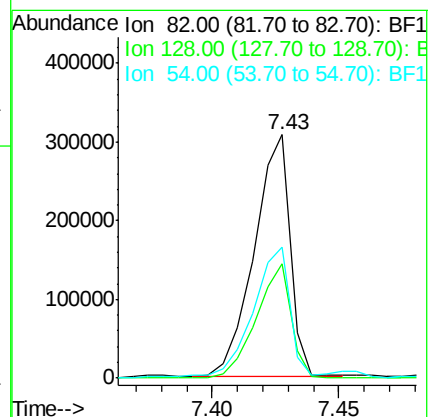
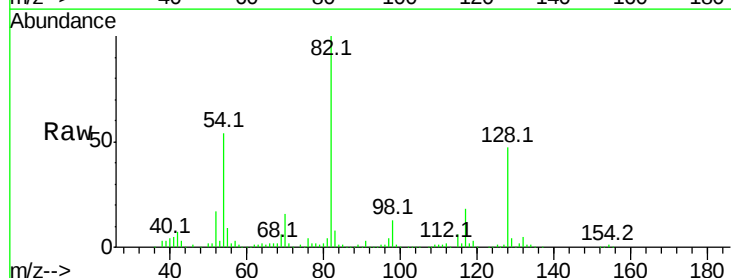
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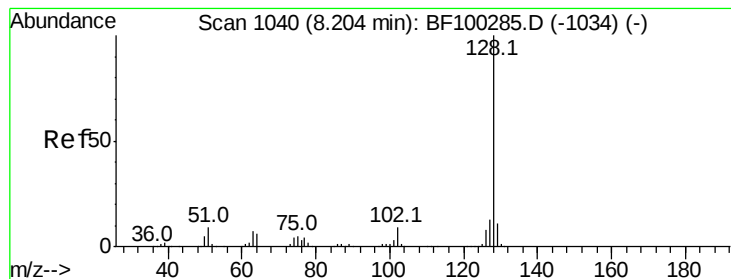
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#23
Nitrobenzene-d5
Concen: 97.530 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	303481		
128	47.0	36.1	54.1	
54	53.8	41.4	62.2	





#31

Naphthalene

Concen: 29.597 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

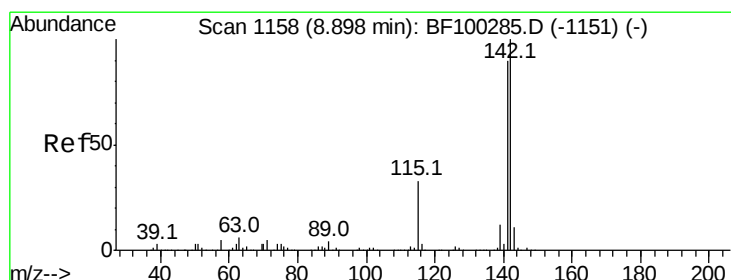
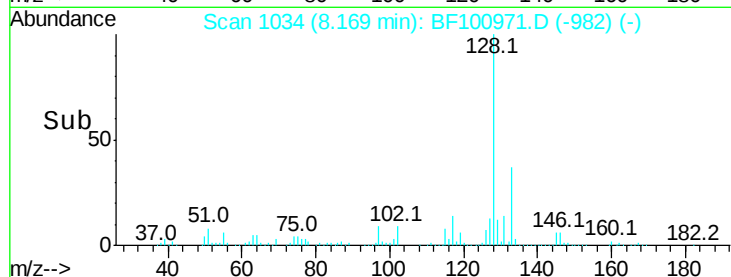
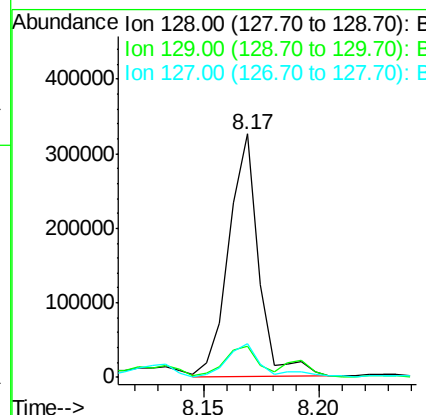
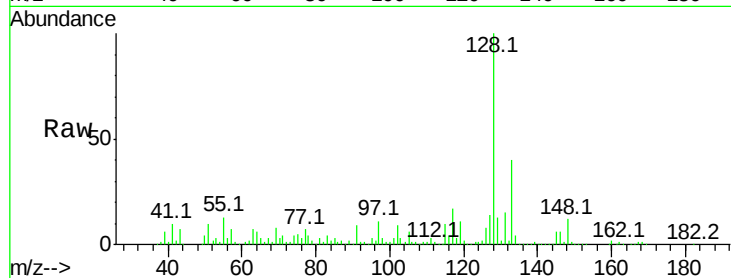
ClientSampleId :

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Tot Ion:	128	Resp:	293271
Ion Ratio	Lower	Upper	
128	100		
129	12.6	8.8	13.2
127	14.0	10.9	16.3

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#37

2-Methylnaphthalene

Concen: 112.192 ng

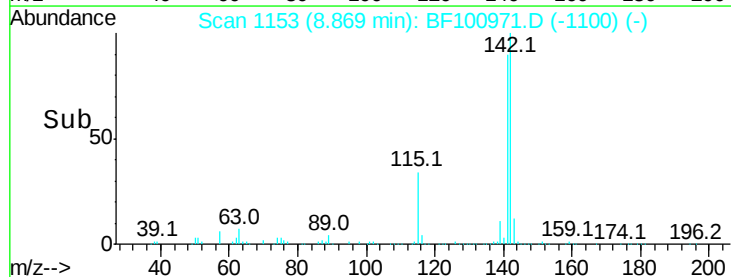
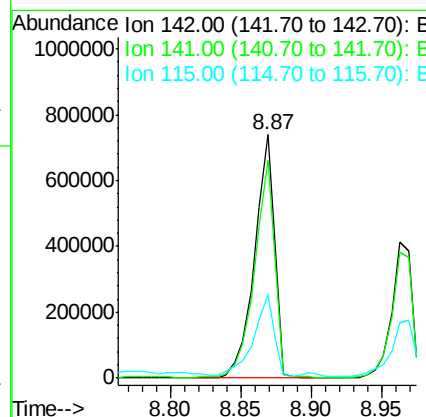
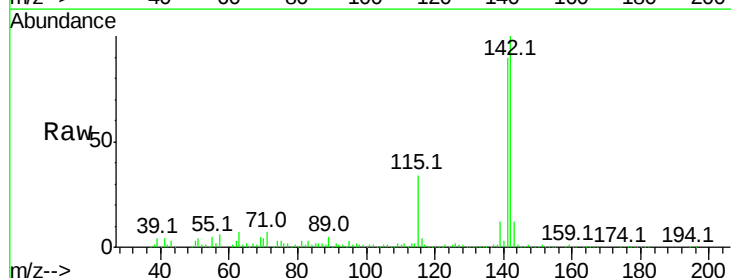
RT: 8.87 min Scan# 1153

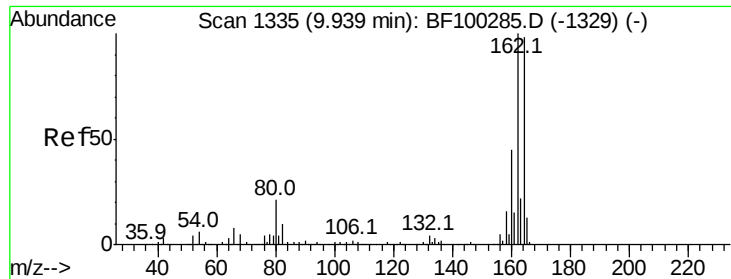
Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Tgt Ion:	142	Resp:	738047
Ion Ratio	Lower	Upper	
142	100		
141	89.6	70.8	106.2
115	34.4	26.1	39.1





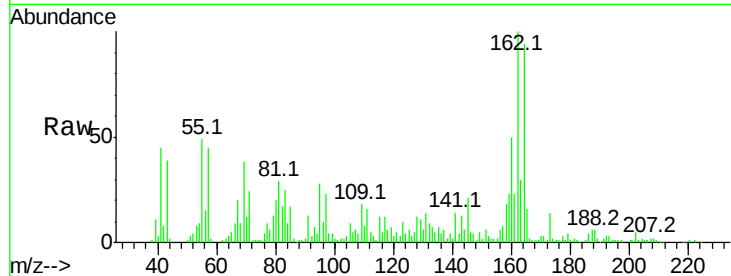
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF100971.D
 Acq: 29 Nov 2017 8:53

Instrument :
 BNA_F
 ClientSampled :
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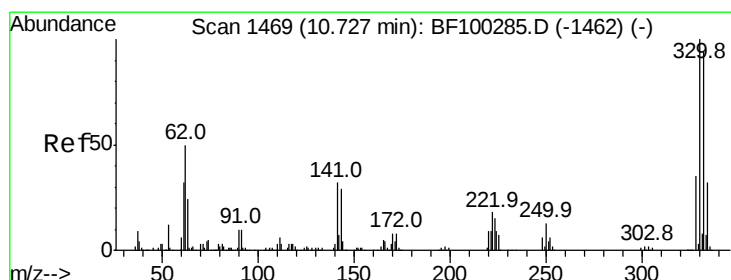
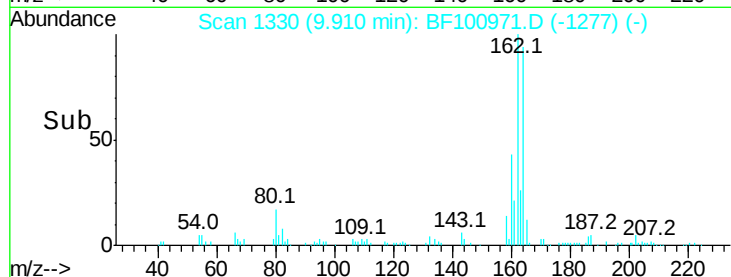
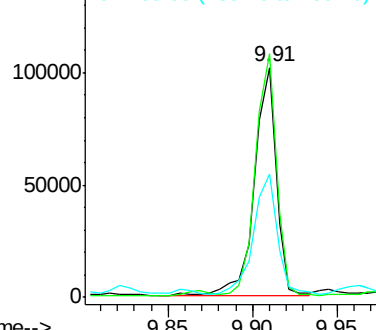
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.9	86.1	129.1	
160	53.4	38.3	57.5	

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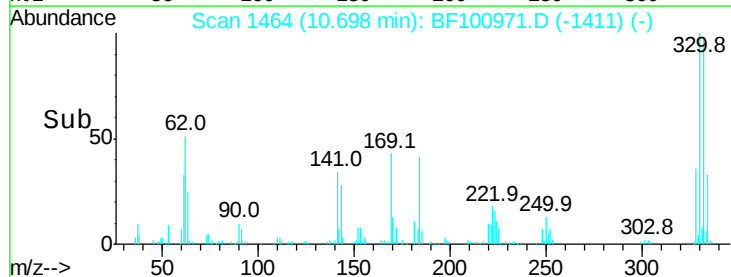
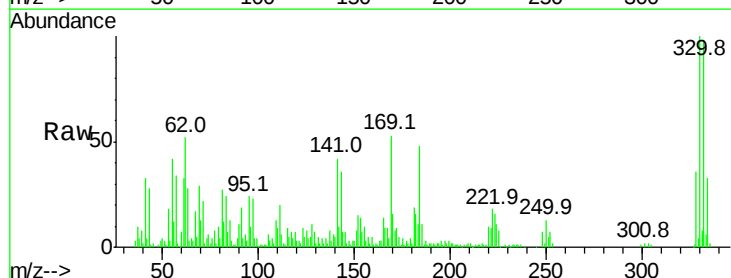
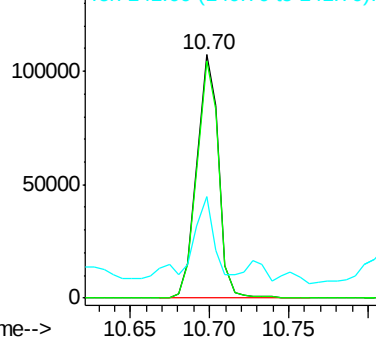
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

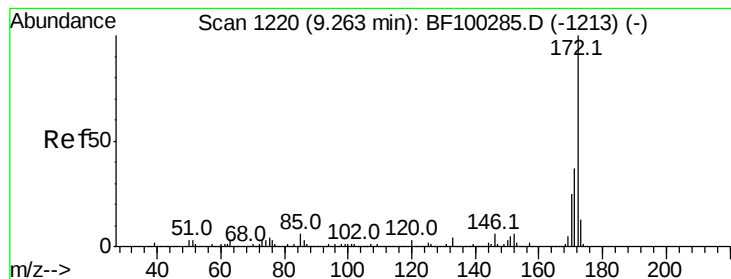


#41
 2,4,6-Tribromophenol
 Concen: 109.800 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF100971.D
 Acq: 29 Nov 2017 8:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	33.3	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





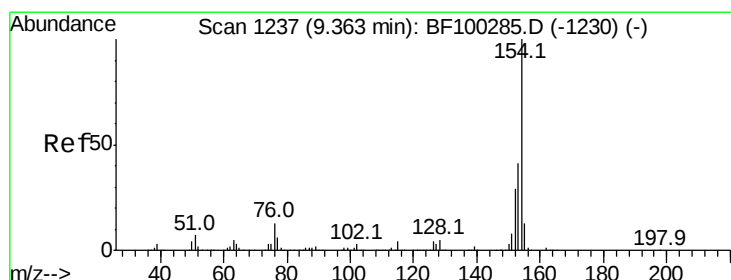
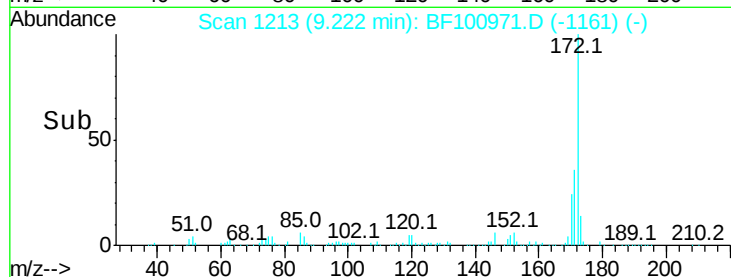
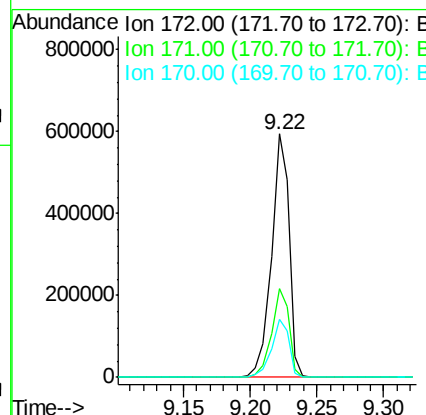
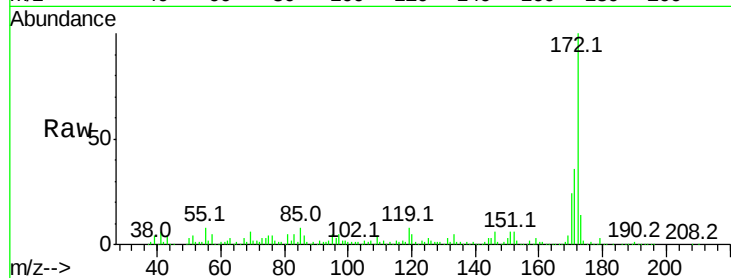
#44
2-Fluorobiphenyl
Concen: 91.432 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	23.9	19.6	29.4	

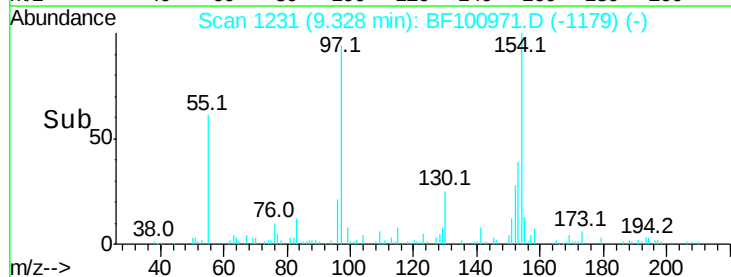
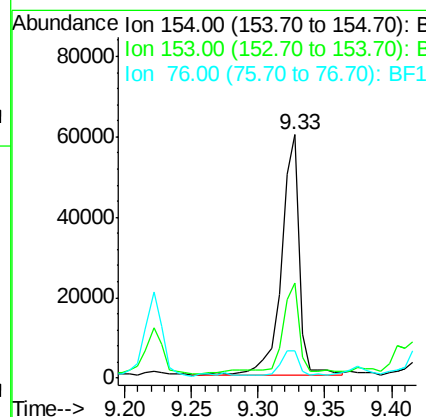
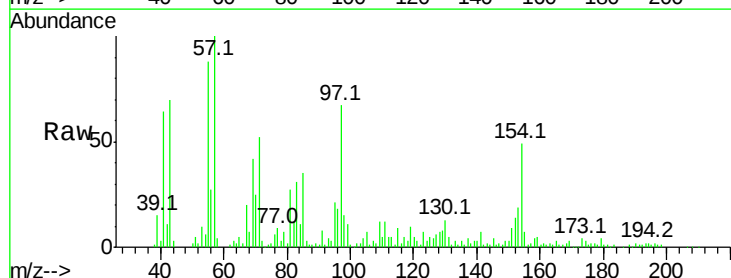
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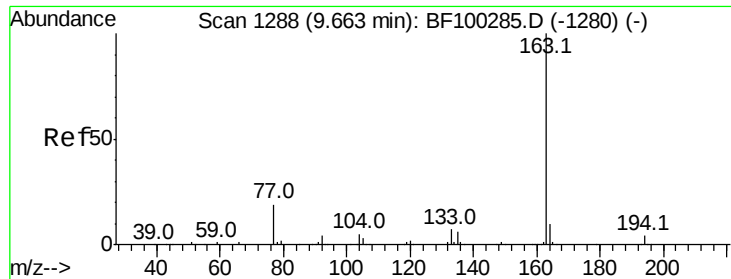
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#45
1,1'-Biphenyl
Concen: 7.145 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.3	21.3	61.3	
76	11.3	0.0	34.0	





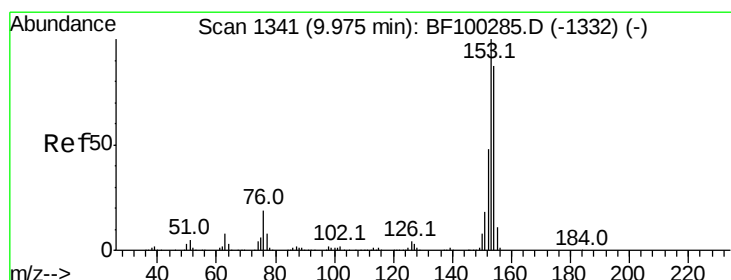
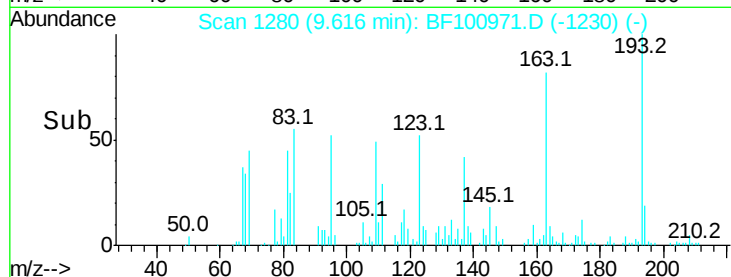
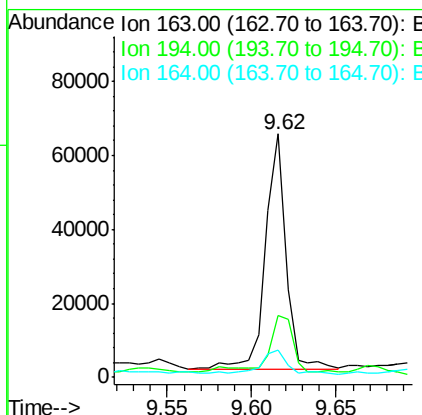
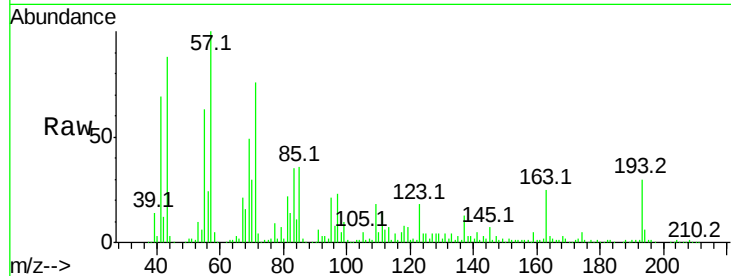
#49
Dimethylphthalate
Concen: 7.733 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	25.3	2.7	4.1#
164	11.4	8.2	12.2

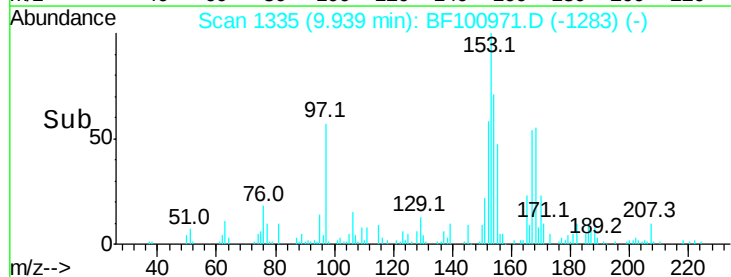
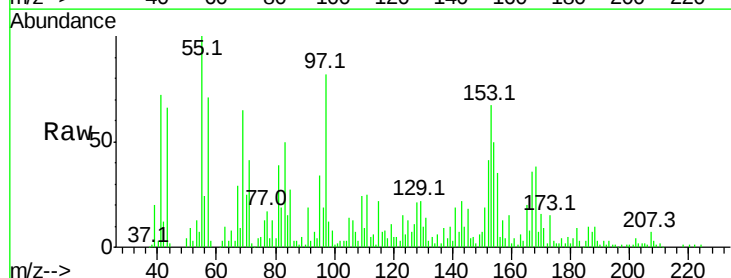
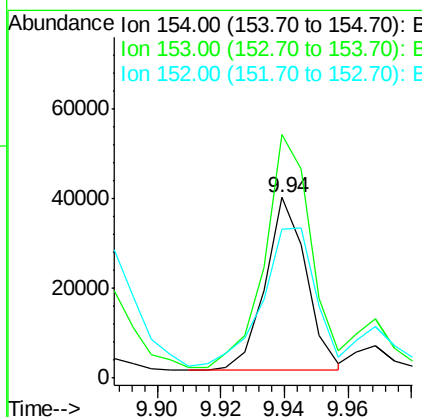
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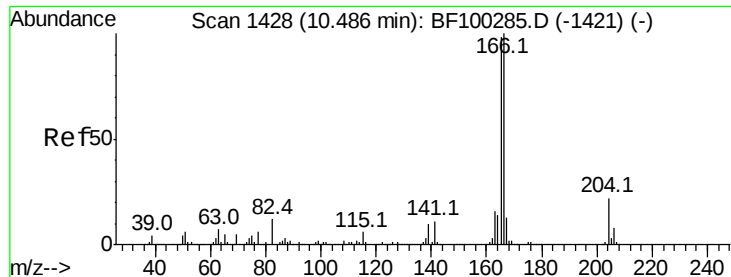
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#51
Acenaphthene
Concen: 5.979 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	135.0	91.2	136.8
152	82.3	43.8	65.8#





#57

Fluorene

Concen: 12.316 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampled :

S-1

Tot Ion:166 Resp: 72663

Ion Ratio Lower Upper

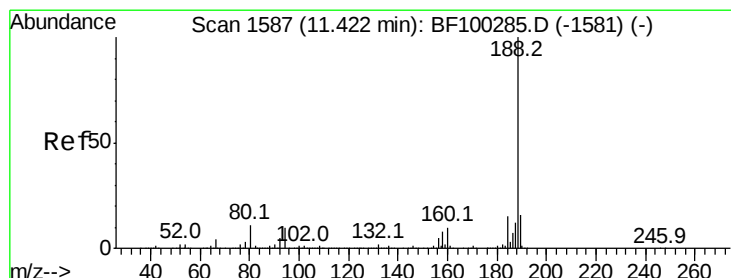
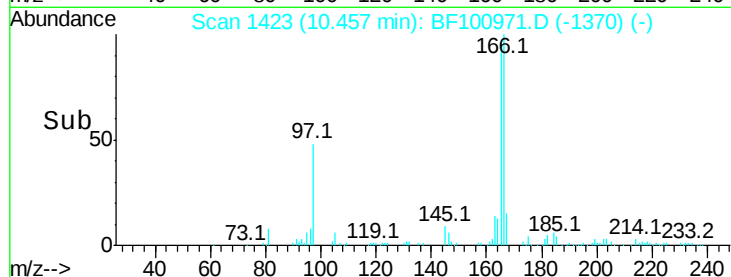
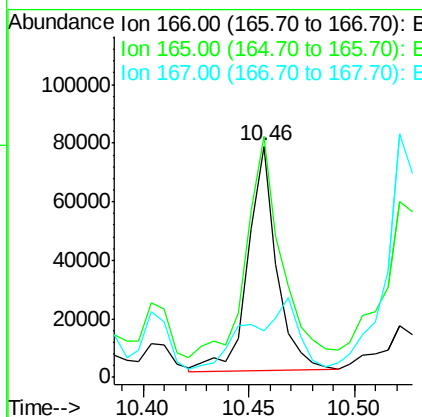
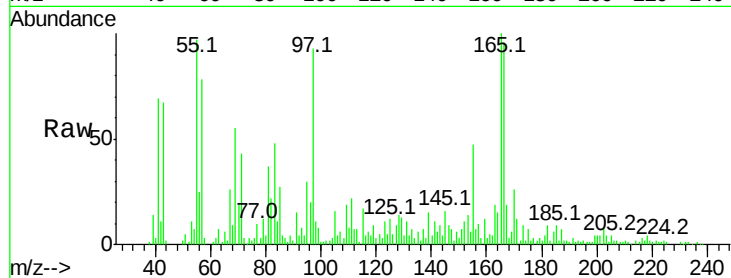
166 100

165 104.2 79.8 119.8

167 20.1 10.6 16.0#

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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

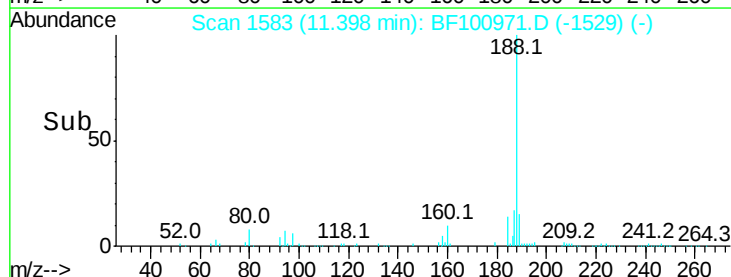
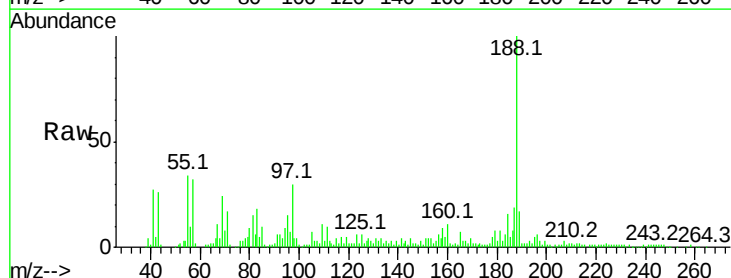
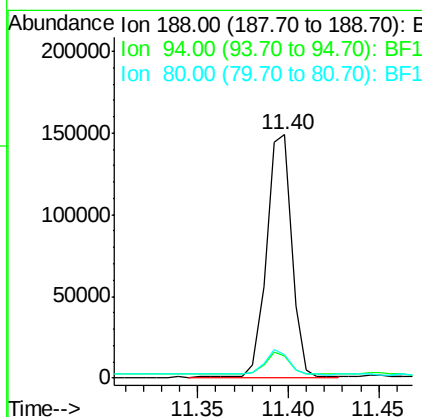
Tgt Ion:188 Resp: 143014

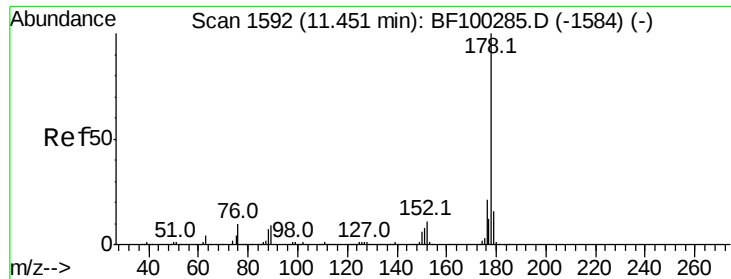
Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

80 9.4 9.2 13.8





#70

Phenanthrene

Concen: 34.237 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

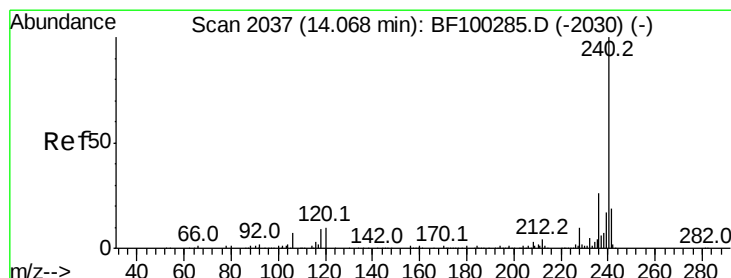
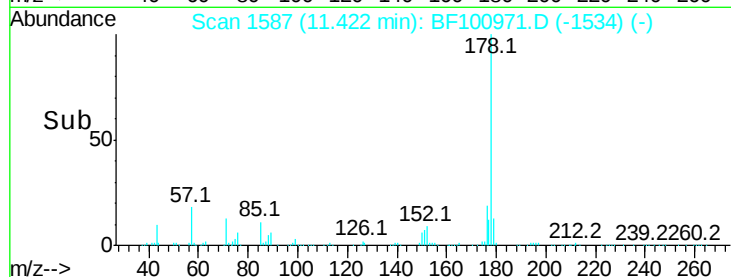
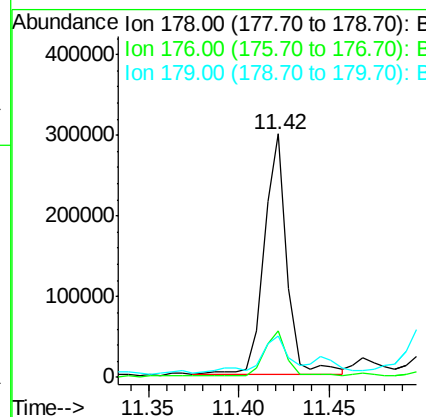
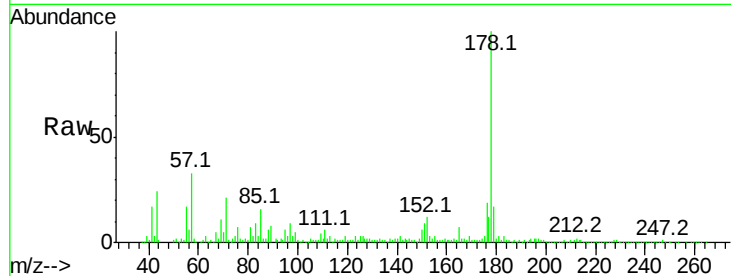
ClientSampleId :

S-1

Tot Ion:	178	Resp:	257803
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	16.9	13.0	19.6

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#75

Chrysene-d12

Concen: 20.000 ng

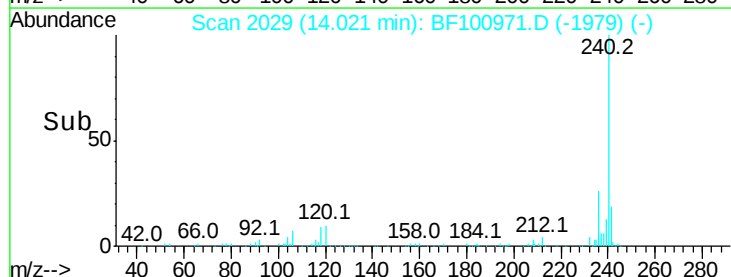
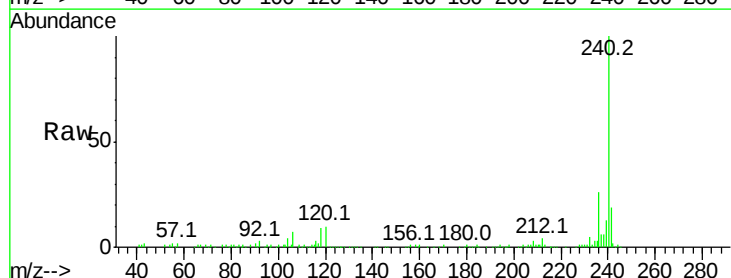
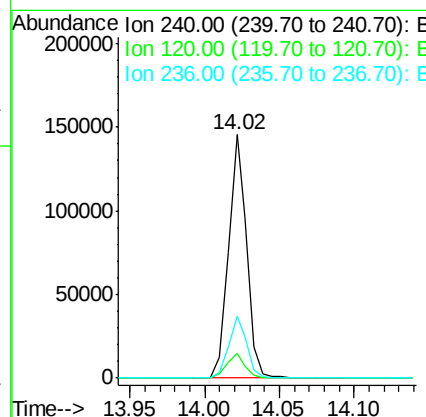
RT: 14.02 min Scan# 2029

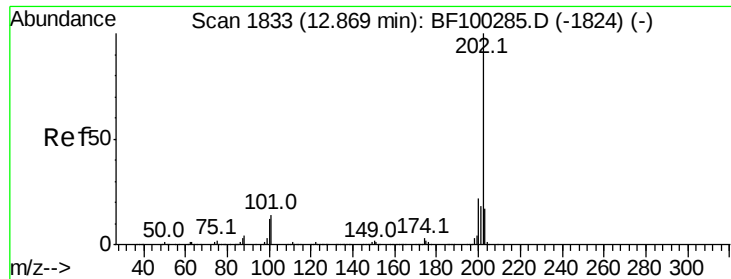
Delta R.T. -0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Tgt Ion:	240	Resp:	125351
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.5	20.7	31.1





#77

Pvrene

Concen: 3.574 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

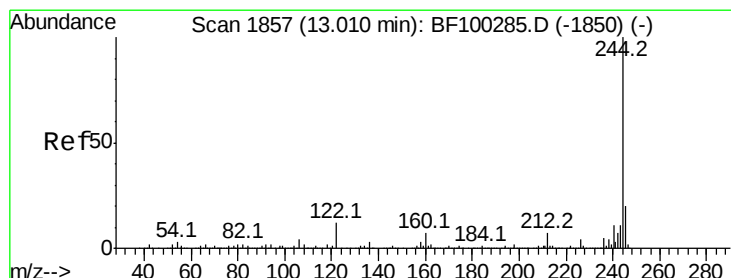
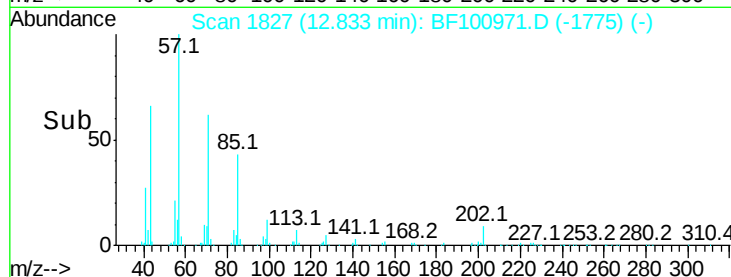
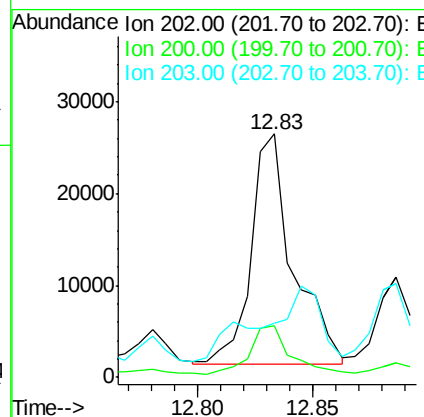
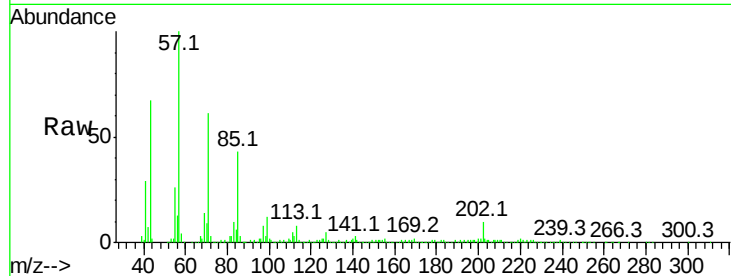
ClientSampled :

S-1

Tot Ion:	202	Resp:	31939
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	22.1	14.3	21.5#

Manual Integrations
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#78

Terphenyl-d14

Concen: 74.578 ng

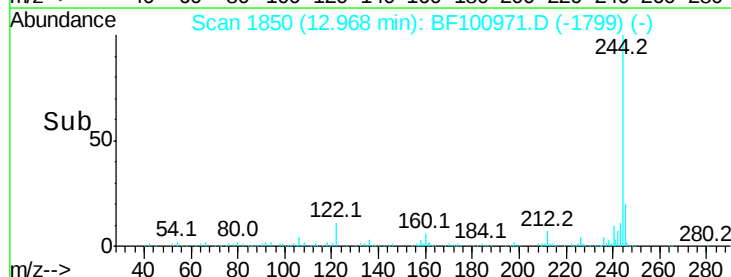
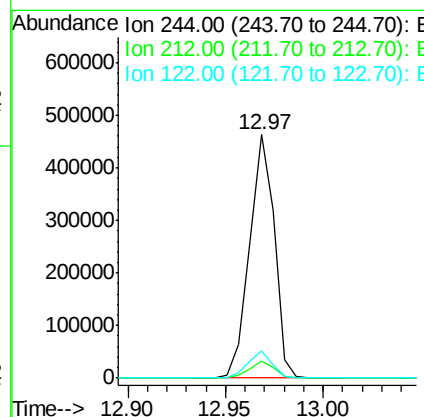
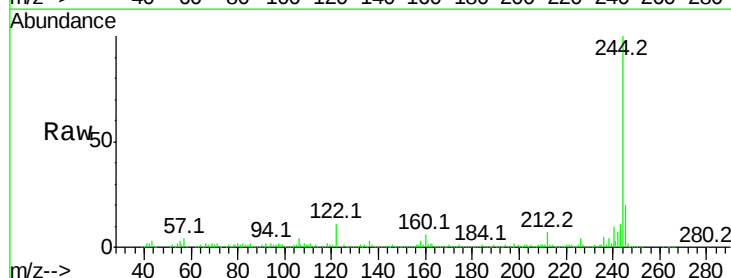
RT: 12.97 min Scan# 1850

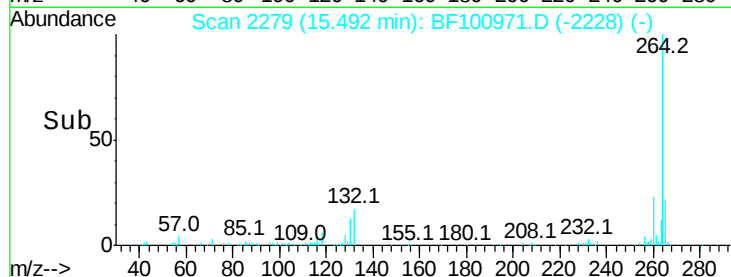
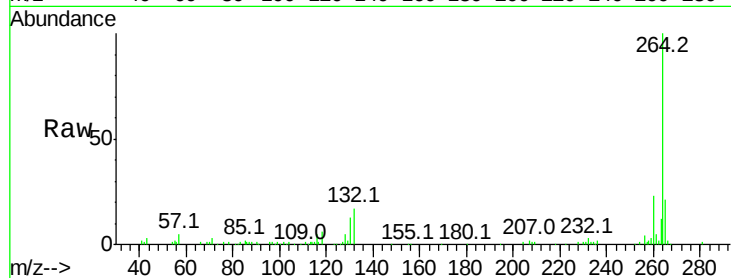
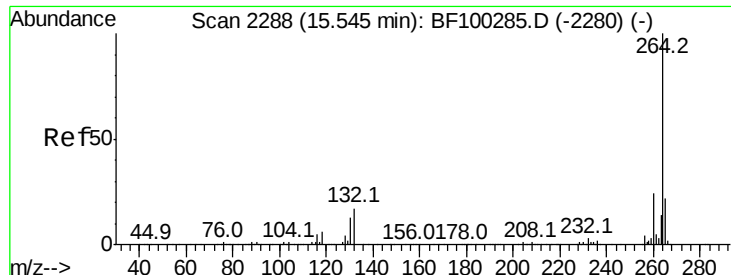
Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Tgt Ion:	244	Resp:	406857
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	11.1	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
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